

CRESTONE PEAK RESOURCES

**ARAPAHOE COUNTY
SEC 2-T4S-R65W
PROSPER FARMS 4-65 2-1-6 1AH**

**OWB
PROPOSAL 1**

Anticollision Report

12 August, 2022

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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	8/12/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	24,225.31	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 2-T4S-R65W						
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	0.00	27.33	350.86			
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	16,300.00	14,488.00	3,522.93	3,124.44	8.841	SF
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	0.00	28.14	353.53			
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	100.00	127.88	353.69	353.30	901.290	ES
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	16,500.00	14,617.00	4,186.93	3,783.88	10.388	SF
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	100.00	100.70	79.78	79.51	295.689	CC
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	8,467.51	8,352.84	136.71	60.73	1.799	ES, SF
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	948.27	936.87	40.55	33.70	5.921	CC
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	1,000.00	987.97	40.70	33.31	5.508	ES
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	1,500.00	1,484.49	56.61	42.41	3.986	SF
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	738.83	735.71	0.33	-4.79	0.065	Level 1, CC, ES, SF
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	389.65	409.85	6.30	3.87	2.594	CC, ES, SF
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	100.00	100.10	20.04	19.77	74.427	CC
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	24,225.31	24,087.22	743.11	-107.04	0.874	Level 1, ES, SF
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	100.00	100.20	40.07	39.80	148.646	CC, ES
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	24,225.31	23,838.98	1,479.51	627.94	1.737	SF
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	100.00	100.30	60.11	59.84	222.670	CC, ES
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	24,225.31	23,755.26	2,230.21	1,379.51	2.622	SF
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	100.00	100.40	80.14	79.87	296.498	CC, ES
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	24,225.31	23,504.50	2,955.48	2,109.31	3.493	SF
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	100.00	100.50	100.17	99.90	370.114	CC, ES
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	24,225.31	23,440.01	3,700.46	2,857.58	4.390	SF
PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSA	100.00	100.60	120.21	119.94	443.572	CC, ES
PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSA	24,225.31	23,307.16	4,444.16	3,603.76	5.288	SF

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Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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 3-T4S-R65W						
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	0.00	47.63	1,745.78			
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	7,800.00	7,267.41	3,719.46	3,656.53	59.102	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	4,616.37	4,269.46	691.84	645.48	14.923	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	4,700.00	4,345.20	692.74	645.48	14.658	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	8,000.00	7,671.39	888.05	820.56	13.157	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	4,584.36	4,239.94	661.37	615.30	14.358	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	4,600.00	4,254.23	661.40	615.16	14.305	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	5,000.00	4,618.20	682.98	633.02	13.672	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	4,556.86	4,214.78	605.01	559.25	13.222	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	4,600.00	4,254.04	605.27	559.05	13.094	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	4,900.00	4,524.52	621.46	572.51	12.694	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	4,487.71	4,154.59	538.92	493.94	11.980	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	4,500.00	4,165.36	538.95	493.83	11.946	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	4,800.00	4,438.65	554.53	506.68	11.590	SF

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	27.33	27.33	0.00	0.04	-179.29	-350.83	-4.35	350.86				
100.00	100.00	125.54	125.51	0.13	0.29	-178.96	-351.45	-6.39	351.52	351.10	0.43	821.839	
200.00	199.98	225.65	225.59	0.50	0.65	-163.08	-352.20	-8.86	354.00	352.84	1.15	307.591	
300.00	299.84	325.64	325.55	0.86	1.02	-162.90	-352.91	-11.30	359.77	357.88	1.88	191.276	
400.00	399.45	425.38	425.26	1.23	1.38	-162.88	-353.55	-13.67	368.80	366.19	2.61	141.245	
500.00	498.70	524.44	524.29	1.63	1.73	-163.00	-354.22	-15.98	381.19	377.85	3.34	114.053	
600.00	597.47	623.29	623.11	2.05	2.09	-163.21	-354.87	-18.45	396.87	392.79	4.08	97.351	
700.00	695.62	721.44	721.23	2.49	2.45	-163.53	-355.51	-20.84	415.85	411.04	4.81	86.392	
800.00	793.06	818.83	818.59	2.98	2.80	-163.91	-356.13	-23.28	438.12	432.57	5.55	78.898	
900.00	889.64	914.59	914.31	3.50	3.14	-164.36	-356.81	-25.54	463.76	457.47	6.29	73.707	
1,000.00	985.27	1,007.29	1,006.99	4.06	3.48	-164.86	-357.78	-27.46	493.01	485.98	7.02	70.217	
1,100.00	1,079.82	1,099.74	1,099.42	4.66	3.80	-165.50	-359.28	-28.19	526.11	518.36	7.75	67.902	
1,200.00	1,173.17	1,193.71	1,193.38	5.31	4.14	-166.16	-360.81	-28.82	562.49	554.01	8.49	66.291	
1,300.00	1,265.21	1,286.23	1,285.89	6.01	4.47	-166.77	-362.10	-29.67	601.88	592.66	9.22	65.251	
1,400.00	1,356.40	1,377.21	1,376.86	6.74	4.79	-167.49	-363.30	-30.52	643.22	633.26	9.96	64.607	
1,500.00	1,447.57	1,467.76	1,467.39	7.49	5.12	-168.15	-364.49	-31.41	684.65	673.97	10.68	64.102	
1,600.00	1,538.75	1,558.02	1,557.64	8.24	5.44	-168.72	-365.73	-32.31	726.21	714.80	11.41	63.664	
1,700.00	1,629.92	1,649.03	1,648.64	8.99	5.76	-169.25	-366.99	-33.09	767.85	755.71	12.14	63.259	
1,800.00	1,721.09	1,740.09	1,739.69	9.75	6.09	-169.73	-368.18	-33.71	809.47	796.60	12.87	62.891	
1,900.00	1,812.27	1,830.73	1,830.32	10.51	6.41	-170.18	-369.34	-34.25	851.13	837.52	13.60	62.572	
2,000.00	1,903.44	1,921.16	1,920.74	11.28	6.74	-170.58	-370.52	-34.74	892.84	878.51	14.33	62.290	
2,100.00	1,994.61	2,012.05	2,011.62	12.04	7.06	-170.95	-371.72	-35.22	934.61	919.55	15.07	62.023	
2,200.00	2,085.78	2,103.30	2,102.86	12.81	7.39	-171.29	-372.86	-35.66	976.36	960.55	15.81	61.768	
2,300.00	2,176.96	2,193.72	2,193.28	13.58	7.71	-171.60	-373.97	-36.11	1,018.10	1,001.56	16.54	61.549	
2,400.00	2,268.13	2,280.92	2,280.46	14.35	8.02	-171.84	-375.31	-37.20	1,060.06	1,042.80	17.26	61.418	
2,500.00	2,359.30	2,373.04	2,372.55	15.12	8.35	-172.07	-376.83	-38.38	1,102.12	1,084.11	18.01	61.197	
2,600.00	2,450.48	2,455.94	2,455.44	15.89	8.65	-172.28	-378.36	-39.12	1,144.42	1,125.72	18.70	61.197	
2,700.00	2,541.65	2,554.15	2,553.63	16.67	9.00	-172.52	-380.27	-39.77	1,186.87	1,167.38	19.49	60.910	
2,800.00	2,632.82	2,638.58	2,638.04	17.44	9.29	-172.79	-381.43	-38.71	1,229.08	1,208.91	20.17	60.934	

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 PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,900.00	2,724.00	2,732.49	2,731.89	18.21	9.61	-173.18	-382.69	-35.59	1,271.61	1,250.70	20.90	60.832		
3,000.00	2,815.17	2,823.86	2,823.22	18.99	9.91	-173.51	-383.68	-33.03	1,313.84	1,292.22	21.62	60.763		
3,100.00	2,906.34	2,915.09	2,914.42	19.76	10.22	-173.80	-384.72	-30.79	1,356.12	1,333.77	22.34	60.693		
3,200.00	2,997.52	3,005.26	3,004.56	20.54	10.53	-174.06	-385.73	-28.78	1,398.36	1,375.30	23.06	60.636		
3,300.00	3,088.69	3,093.66	3,092.93	21.31	10.83	-174.31	-386.78	-26.74	1,440.71	1,416.94	23.77	60.613		
3,400.00	3,179.86	3,191.90	3,191.10	22.09	11.16	-174.62	-387.68	-23.22	1,483.06	1,458.52	24.54	60.444		
3,500.00	3,271.04	3,286.75	3,285.85	22.86	11.48	-174.95	-387.72	-18.83	1,524.82	1,499.54	25.28	60.320		
3,600.00	3,362.21	3,378.14	3,377.14	23.64	11.79	-175.24	-387.74	-14.66	1,566.59	1,540.58	26.00	60.249		
3,700.00	3,453.38	3,467.06	3,465.99	24.42	12.09	-175.49	-387.83	-11.19	1,608.35	1,581.64	26.71	60.210		
3,800.00	3,544.56	3,559.88	3,558.76	25.19	12.40	-175.73	-388.14	-8.00	1,650.25	1,622.80	27.45	60.118		
3,900.00	3,635.73	3,651.43	3,650.26	25.97	12.72	-175.93	-388.26	-5.23	1,691.92	1,663.73	28.18	60.035		
4,000.00	3,726.90	3,741.15	3,739.95	26.75	13.02	-176.10	-388.62	-2.96	1,733.75	1,704.84	28.90	59.982		
4,100.00	3,818.08	3,830.42	3,829.20	27.53	13.33	-176.26	-388.97	-1.01	1,775.52	1,745.89	29.63	59.931		
4,200.00	3,909.25	3,949.14	3,947.89	28.30	13.74	-176.45	-389.31	1.50	1,817.34	1,786.80	30.54	59.506		
4,300.00	4,000.42	4,050.55	4,049.26	29.08	14.08	-176.63	-387.50	3.97	1,857.20	1,825.86	31.34	59.266		
4,400.00	4,091.60	4,134.37	4,133.06	29.86	14.37	-176.75	-386.41	5.47	1,897.41	1,865.39	32.02	59.254		
4,500.00	4,182.77	4,222.05	4,220.72	30.64	14.67	-176.86	-385.66	6.63	1,937.93	1,905.20	32.73	59.205		
4,600.00	4,273.94	4,313.12	4,311.79	31.41	14.98	-176.95	-385.04	7.38	1,978.53	1,945.06	33.47	59.121		
4,700.00	4,365.12	4,398.01	4,396.68	32.19	15.27	-177.03	-384.57	7.87	2,019.19	1,985.03	34.16	59.108		
4,800.00	4,456.29	4,476.60	4,475.27	32.97	15.54	-177.09	-384.64	8.15	2,060.37	2,025.56	34.82	59.176		
4,900.00	4,547.46	4,558.16	4,556.82	33.75	15.83	-177.13	-385.31	7.85	2,102.06	2,066.56	35.50	59.217		
5,000.00	4,638.63	4,651.40	4,650.06	34.52	16.16	-177.17	-386.16	7.68	2,143.87	2,107.61	36.26	59.127		
5,100.00	4,729.81	4,752.92	4,751.58	35.30	16.52	-177.24	-386.80	8.10	2,185.56	2,148.49	37.07	58.950		
5,200.00	4,820.98	4,889.71	4,888.36	36.08	16.99	-177.32	-385.36	7.96	2,225.50	2,187.39	38.11	58.392		
5,300.00	4,912.15	4,979.61	4,978.24	36.86	17.30	-177.37	-383.77	7.70	2,264.90	2,226.06	38.84	58.312		
5,400.00	5,003.33	5,062.77	5,061.39	37.64	17.58	-177.41	-382.56	7.43	2,304.59	2,265.06	39.53	58.306		
5,500.00	5,094.50	5,148.75	5,147.37	38.42	17.87	-177.46	-381.57	7.45	2,344.61	2,304.38	40.23	58.281		
5,600.00	5,185.67	5,245.54	5,244.15	39.19	18.20	-177.53	-380.36	8.01	2,384.67	2,343.66	41.00	58.157		
5,700.00	5,276.85	5,344.05	5,342.63	39.97	18.54	-177.62	-378.57	9.23	2,424.35	2,382.56	41.79	58.012		
5,800.00	5,368.02	5,432.40	5,430.96	40.75	18.85	-177.69	-376.96	10.33	2,464.04	2,421.53	42.51	57.962		
5,900.00	5,459.19	5,522.20	5,520.74	41.53	19.15	-177.76	-375.49	11.40	2,503.89	2,460.65	43.24	57.904		
6,000.00	5,550.37	5,625.83	5,624.35	42.31	19.51	-177.84	-373.66	12.41	2,543.59	2,499.52	44.06	57.724		
6,100.00	5,641.54	5,725.36	5,723.85	43.09	19.85	-177.90	-371.36	13.12	2,582.73	2,537.87	44.86	57.573		
6,200.00	5,732.71	5,811.10	5,809.57	43.87	20.15	-177.96	-369.49	13.71	2,621.99	2,576.42	45.57	57.543		
6,300.00	5,823.89	5,903.54	5,901.99	44.64	20.47	-178.01	-367.67	14.25	2,661.42	2,615.11	46.32	57.462		
6,400.00	5,915.06	6,024.92	6,023.33	45.42	20.89	-178.07	-364.79	14.29	2,700.41	2,653.16	47.26	57.144		
6,500.00	6,006.23	6,145.24	6,143.57	46.20	21.30	-178.12	-360.50	13.91	2,738.20	2,690.01	48.19	56.826		
6,600.00	6,097.41	6,215.88	6,214.17	46.98	21.55	-178.16	-357.81	14.06	2,775.93	2,727.13	48.80	56.884		
6,700.00	6,188.58	6,286.61	6,286.84	47.76	21.80	-178.23	-355.37	15.53	2,814.43	2,765.00	49.42	56.945		
6,800.00	6,279.75	6,369.76	6,367.89	48.54	22.09	-178.33	-352.77	18.50	2,853.44	2,803.34	50.10	56.954		
6,900.00	6,370.93	6,453.63	6,451.62	49.32	22.38	-178.45	-350.00	22.51	2,892.64	2,841.84	50.80	56.945		
7,000.00	6,462.10	6,518.33	6,516.16	50.10	22.61	-178.55	-348.10	26.47	2,932.48	2,881.12	51.36	57.094		
7,100.00	6,553.27	6,577.51	6,575.18	50.88	22.82	-178.66	-346.77	30.84	2,973.23	2,921.35	51.89	57.303		
7,200.00	6,644.45	6,638.69	6,636.13	51.65	23.03	-178.78	-345.96	35.96	3,015.00	2,962.58	52.42	57.516		
7,300.00	6,735.62	6,714.95	6,712.05	52.43	23.30	-178.94	-345.25	43.10	3,057.40	3,004.34	53.06	57.622		
7,400.00	6,826.79	6,795.89	6,792.53	53.21	23.59	-179.13	-344.56	51.66	3,100.17	3,046.43	53.73	57.696		
7,500.00	6,917.96	6,906.93	6,902.71	53.99	23.99	-179.42	-342.96	65.34	3,142.88	3,088.25	54.63	57.535		
7,600.00	7,009.14	6,962.14	6,957.30	54.77	24.19	-179.58	-341.86	73.47	3,185.72	3,130.61	55.11	57.802		
7,700.00	7,100.31	7,026.65	7,020.81	55.55	24.43	-179.81	-340.82	84.77	3,229.56	3,173.89	55.67	58.013		
7,800.00	7,191.48	7,136.80	7,128.81	56.33	24.83	179.77	-338.41	106.27	3,273.56	3,216.99	56.57	57.869		
7,900.00	7,283.04	7,243.19	7,232.72	57.06	25.23	154.21	-334.56	128.78	3,314.84	3,257.41	57.44	57.712		
8,000.00	7,373.73	7,323.82	7,311.45	57.68	25.54	130.17	-331.72	145.93	3,351.19	3,293.09	58.10	57.679		

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 PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,460.79	7,389.19	7,375.29	58.18	25.79	112.94	-329.70	159.85	3,381.84	3,323.21	58.63	57.677		
8,200.00	7,541.58	7,431.56	7,416.44	58.56	25.96	101.48	-328.75	169.90	3,406.89	3,347.90	58.99	57.755		
8,300.00	7,613.66	7,489.75	7,471.79	58.83	26.19	94.17	-326.94	187.72	3,425.63	3,366.13	59.49	57.578		
8,400.00	7,674.81	7,543.02	7,520.75	59.00	26.42	89.61	-324.58	208.49	3,437.62	3,377.58	60.04	57.253		
8,500.00	7,723.20	7,601.00	7,571.35	59.08	26.67	87.13	-321.25	236.56	3,442.83	3,382.08	60.75	56.670		
8,600.00	7,757.34	7,630.72	7,596.03	59.09	26.82	86.00	-319.37	253.01	3,441.42	3,380.02	61.41	56.044		
8,700.00	7,776.21	7,662.87	7,621.73	59.03	26.99	86.24	-317.42	272.22	3,433.90	3,371.63	62.27	55.147		
8,800.00	7,780.00	7,696.00	7,647.04	58.92	27.15	87.27	-315.50	293.50	3,421.01	3,357.69	63.32	54.028		
8,900.00	7,780.00	7,723.48	7,667.07	58.81	27.32	87.61	-314.01	312.25	3,408.57	3,344.07	64.50	52.848		
9,000.00	7,780.00	7,756.66	7,690.01	58.73	27.52	88.00	-312.37	336.16	3,398.37	3,332.51	65.86	51.601		
9,100.00	7,780.00	7,790.00	7,711.60	58.67	27.71	88.36	-310.92	361.52	3,390.33	3,322.99	67.34	50.350		
9,200.00	7,780.00	7,790.00	7,711.60	58.64	27.71	88.36	-310.92	361.52	3,384.87	3,316.26	68.62	49.330		
9,300.00	7,780.00	7,831.42	7,736.19	58.63	28.02	88.78	-309.93	394.82	3,381.37	3,310.95	70.41	48.021		
9,382.86	7,780.00	7,849.16	7,745.90	58.66	28.15	88.94	-309.93	409.67	3,380.54	3,308.74	71.80	47.082		
9,400.00	7,780.00	7,884.00	7,763.46	58.67	28.40	89.24	-310.69	439.74	3,381.12	3,308.73	72.39	46.704		
9,412.93	7,780.00	7,884.00	7,763.46	58.68	28.40	89.24	-310.69	439.74	3,381.10	3,308.50	72.59	46.575		
9,500.00	7,780.00	7,884.00	7,763.46	58.76	28.40	89.24	-310.69	439.74	3,382.22	3,308.30	73.91	45.759		
9,600.00	7,780.00	7,884.00	7,763.46	58.91	28.40	89.24	-310.69	439.74	3,386.27	3,310.78	75.48	44.860		
9,700.00	7,780.00	7,944.93	7,789.94	59.15	28.94	89.69	-313.68	494.50	3,391.97	3,314.16	77.81	43.595		
9,800.00	7,780.00	8,180.87	7,851.09	59.53	31.58	90.72	-326.17	721.13	3,399.00	3,316.31	82.69	41.106		
9,900.00	7,780.00	8,284.89	7,852.57	60.09	33.02	90.74	-328.36	825.05	3,401.38	3,315.33	86.05	39.529		
10,000.00	7,780.00	8,360.30	7,849.85	60.91	34.17	90.70	-330.79	900.37	3,404.82	3,315.72	89.11	38.211		
10,100.00	7,780.00	8,454.19	7,846.70	62.01	35.71	90.64	-334.19	994.14	3,408.69	3,316.05	92.64	36.796		
10,200.00	7,780.00	8,576.71	7,845.71	63.39	37.86	90.63	-338.31	1,116.59	3,412.35	3,315.42	96.93	35.204		
10,300.00	7,780.00	8,654.29	7,845.27	65.02	39.32	90.62	-340.85	1,194.12	3,415.91	3,315.46	100.45	34.006		
10,400.00	7,780.00	8,742.08	7,844.59	66.83	41.03	90.61	-344.21	1,281.84	3,420.00	3,315.71	104.29	32.794		
10,500.00	7,780.00	8,838.66	7,843.89	68.78	42.98	90.59	-348.10	1,378.35	3,424.31	3,315.88	108.43	31.580		
10,600.00	7,780.00	8,911.38	7,843.32	70.83	44.50	90.58	-351.27	1,451.00	3,428.97	3,316.89	112.09	30.592		
10,700.00	7,780.00	8,978.96	7,841.99	72.95	45.94	90.56	-354.89	1,518.46	3,434.58	3,318.93	115.65	29.697		
10,800.00	7,780.00	9,049.05	7,839.74	75.14	47.45	90.52	-359.27	1,588.38	3,441.09	3,321.77	119.32	28.839		
10,900.00	7,780.00	9,155.68	7,836.56	77.37	49.82	90.47	-366.44	1,694.72	3,448.09	3,324.07	124.02	27.803		
11,000.00	7,780.00	11,000.00	7,834.82	79.65	92.12	90.44	-374.97	1,874.18	3,452.67	3,283.64	169.03	20.427		
11,100.00	7,780.00	9,391.45	7,834.31	81.96	55.22	90.43	-377.58	1,930.21	3,457.66	3,323.37	134.29	25.748		
11,200.00	7,780.00	9,506.37	7,832.68	84.29	57.92	90.40	-384.13	2,044.92	3,463.72	3,324.27	139.44	24.839		
11,300.00	7,780.00	9,649.97	7,832.93	86.65	61.35	90.41	-390.37	2,188.39	3,468.35	3,322.85	145.49	23.838		
11,400.00	7,780.00	9,806.38	7,831.10	89.04	65.14	90.37	-394.88	2,344.72	3,471.49	3,319.53	151.96	22.844		
11,500.00	7,780.00	10,032.48	7,828.42	91.44	70.70	90.33	-395.62	2,570.75	3,472.16	3,311.71	160.45	21.640		
11,600.00	7,780.00	10,210.29	7,826.89	93.86	75.11	90.31	-391.97	2,748.51	3,470.87	3,303.31	167.56	20.714		
11,700.00	7,780.00	10,283.65	7,826.40	96.30	76.94	90.30	-389.50	2,821.83	3,467.77	3,295.97	171.81	20.184		
11,800.00	7,780.00	10,374.87	7,824.99	98.75	79.23	90.27	-386.88	2,912.99	3,465.17	3,288.61	176.57	19.625		
11,900.00	7,780.00	10,473.00	7,822.50	101.22	81.70	90.23	-384.17	3,011.05	3,462.69	3,281.16	181.54	19.074		
12,000.00	7,780.00	12,000.00	7,820.65	103.69	120.43	90.20	-380.14	3,148.70	3,460.17	3,237.28	222.89	15.524		
12,100.00	7,780.00	10,762.26	7,823.28	106.18	89.04	90.25	-372.58	3,299.99	3,455.24	3,261.09	194.15	17.797		
12,200.00	7,780.00	10,816.00	7,824.65	108.68	90.41	90.27	-369.89	3,353.65	3,450.70	3,252.75	197.96	17.432		
12,300.00	7,780.00	10,882.94	7,826.16	111.19	92.12	90.30	-367.30	3,420.52	3,447.26	3,245.14	202.13	17.055		
12,400.00	7,780.00	10,958.04	7,827.29	113.70	94.04	90.31	-365.48	3,495.59	3,445.07	3,238.55	206.52	16.681		
12,500.00	7,780.00	11,047.80	7,828.58	116.23	96.35	90.34	-363.50	3,585.32	3,443.17	3,231.82	211.36	16.291		
12,600.00	7,780.00	11,133.73	7,829.72	118.76	98.57	90.36	-362.00	3,671.23	3,441.71	3,225.63	216.09	15.928		
12,700.00	7,780.00	11,230.90	7,830.68	121.30	101.08	90.37	-360.56	3,768.38	3,440.52	3,219.37	221.15	15.557		
12,800.00	7,780.00	11,332.91	7,831.38	123.84	103.72	90.38	-358.96	3,870.37	3,439.24	3,212.87	226.38	15.193		
12,900.00	7,780.00	11,424.99	7,830.74	126.39	106.11	90.37	-357.62	3,962.44	3,438.07	3,206.76	231.31	14.864		
13,000.00	7,780.00	11,505.24	7,829.44	128.95	108.20	90.35	-356.73	4,042.68	3,437.25	3,201.36	235.89	14.571		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,049.33	7,780.00	11,538.85	7,828.86	130.21	109.07	90.34	-356.56	4,076.29	3,437.14	3,199.17	237.97	14.444		
13,100.00	7,780.00	11,572.00	7,828.30	131.51	109.93	90.33	-356.54	4,109.43	3,437.26	3,197.21	240.05	14.319		
13,200.00	7,780.00	11,641.87	7,827.18	134.08	111.76	90.31	-356.99	4,179.29	3,438.19	3,193.89	244.30	14.074		
13,300.00	7,780.00	11,712.69	7,826.32	136.65	113.61	90.30	-358.09	4,250.10	3,440.01	3,191.44	248.57	13.839		
13,400.00	7,780.00	11,796.13	7,826.43	139.23	115.79	90.30	-360.02	4,333.51	3,442.59	3,189.35	253.24	13.594		
13,500.00	7,780.00	11,885.55	7,827.31	141.81	118.13	90.31	-362.20	4,422.90	3,445.33	3,187.22	258.12	13.348		
13,600.00	7,780.00	11,949.00	7,827.60	144.40	119.80	90.32	-364.19	4,486.32	3,448.81	3,186.68	262.12	13.157		
13,700.00	7,780.00	12,016.87	7,827.23	146.99	121.58	90.31	-366.99	4,554.13	3,453.26	3,187.01	266.25	12.970		
13,800.00	7,780.00	12,094.61	7,826.03	149.58	123.62	90.29	-371.01	4,631.76	3,458.68	3,187.97	270.71	12.776		
13,900.00	7,780.00	12,285.39	7,825.70	152.17	126.64	90.29	-378.34	4,822.37	3,462.62	3,183.58	279.05	12.409		
14,000.00	7,780.00	12,366.65	7,826.23	154.77	130.79	90.30	-380.83	4,903.59	3,465.97	3,182.30	283.67	12.218		
14,100.00	7,780.00	12,452.44	7,826.82	157.38	133.05	90.30	-383.78	4,989.32	3,469.70	3,181.26	288.44	12.029		
14,200.00	7,780.00	12,531.84	7,826.73	159.98	135.15	90.30	-386.94	5,068.66	3,473.96	3,180.97	292.99	11.857		
14,300.00	7,780.00	12,600.00	7,822.09	162.59	142.23	90.23	-394.35	5,336.62	3,478.52	3,174.77	303.74	11.452		
14,355.23	7,780.00	12,845.68	7,822.16	164.03	143.44	90.23	-394.09	5,382.30	3,478.37	3,172.02	306.36	11.354		
14,400.00	7,780.00	12,876.93	7,822.21	165.20	144.26	90.23	-394.06	5,413.55	3,478.46	3,170.17	308.30	11.283		
14,500.00	7,780.00	12,931.18	7,822.11	167.81	145.70	90.23	-394.42	5,467.80	3,479.45	3,167.35	312.11	11.148		
14,600.00	7,780.00	12,989.00	7,821.16	170.43	147.23	90.21	-395.73	5,525.59	3,481.91	3,165.92	315.99	11.019		
14,700.00	7,780.00	13,046.78	7,819.54	173.05	148.76	90.18	-397.75	5,583.32	3,485.57	3,165.75	319.82	10.899		
14,800.00	7,780.00	14,800.00	7,816.61	175.67	195.24	90.14	-401.88	5,695.52	3,489.53	3,120.49	369.04	9.456		
14,900.00	7,780.00	13,307.05	7,815.32	178.29	155.66	90.11	-405.78	5,843.40	3,492.37	3,159.95	332.42	10.506		
15,000.00	7,780.00	13,456.22	7,814.36	180.92	159.62	90.10	-407.82	5,992.56	3,494.00	3,154.68	339.32	10.297		
15,100.00	7,780.00	13,567.32	7,813.41	183.54	162.57	90.08	-408.41	6,103.65	3,494.82	3,149.86	344.96	10.131		
15,200.00	7,780.00	13,635.07	7,811.93	186.17	164.37	90.06	-409.05	6,171.38	3,496.02	3,146.80	349.21	10.011		
15,300.00	7,780.00	13,740.12	7,809.01	188.80	167.16	90.01	-410.44	6,276.38	3,497.63	3,142.96	354.67	9.862		
15,400.00	7,780.00	13,821.42	7,807.13	191.43	169.32	89.98	-411.59	6,357.65	3,499.33	3,139.98	359.35	9.738		
15,500.00	7,780.00	13,913.39	7,804.73	194.07	171.76	89.94	-413.29	6,449.57	3,501.47	3,137.09	364.38	9.609		
15,600.00	7,780.00	14,024.87	7,801.65	196.70	174.73	89.89	-415.30	6,561.00	3,503.57	3,133.51	370.06	9.468		
15,700.00	7,780.00	14,133.36	7,799.00	199.34	177.62	89.85	-416.90	6,669.44	3,505.33	3,129.69	375.64	9.332		
15,800.00	7,780.00	14,222.75	7,797.22	201.98	180.00	89.82	-418.29	6,758.80	3,507.18	3,126.58	380.59	9.215		
15,900.00	7,780.00	14,341.51	7,795.53	204.62	183.16	89.79	-420.03	6,877.53	3,508.95	3,122.43	386.52	9.078		
16,000.00	7,780.00	14,468.06	7,794.01	207.26	186.53	89.77	-420.80	7,004.07	3,509.81	3,117.12	392.69	8.938		
16,100.00	7,780.00	14,488.00	7,793.77	209.90	187.06	89.76	-420.87	7,024.01	3,511.38	3,116.03	395.35	8.882		
16,200.00	7,780.00	14,488.00	7,793.77	212.54	187.06	89.76	-420.87	7,024.01	3,515.74	3,118.66	397.07	8.854		
16,300.00	7,780.00	14,488.00	7,793.77	215.19	187.06	89.76	-420.87	7,024.01	3,522.93	3,124.44	398.49	8.841 SF		
16,400.00	7,780.00	14,488.00	7,793.77	217.83	187.06	89.76	-420.87	7,024.01	3,532.94	3,133.34	399.59	8.841		
16,500.00	7,780.00	14,488.00	7,793.77	220.48	187.06	89.76	-420.87	7,024.01	3,545.74	3,145.35	400.39	8.856		
16,600.00	7,780.00	14,488.00	7,793.77	223.13	187.06	89.76	-420.87	7,024.01	3,561.31	3,160.42	400.89	8.884		
16,700.00	7,780.00	14,488.00	7,793.77	225.78	187.06	89.76	-420.87	7,024.01	3,579.60	3,178.52	401.08	8.925		
16,800.00	7,780.00	14,488.00	7,793.77	228.43	187.06	89.76	-420.87	7,024.01	3,600.58	3,199.59	400.99	8.979		
16,900.00	7,780.00	14,488.00	7,793.77	231.08	187.06	89.76	-420.87	7,024.01	3,624.20	3,223.57	400.62	9.046		
17,000.00	7,780.00	14,488.00	7,793.77	233.73	187.06	89.76	-420.87	7,024.01	3,650.40	3,250.41	399.99	9.126		
17,100.00	7,780.00	14,488.00	7,793.77	236.38	187.06	89.76	-420.87	7,024.01	3,679.14	3,280.04	399.10	9.219		
17,200.00	7,780.00	14,488.00	7,793.77	239.04	187.06	89.76	-420.87	7,024.01	3,710.35	3,312.38	397.97	9.323		
17,300.00	7,780.00	14,488.00	7,793.77	241.69	187.06	89.76	-420.87	7,024.01	3,743.97	3,347.35	396.62	9.440		
17,400.00	7,780.00	14,488.00	7,793.77	244.35	187.06	89.76	-420.87	7,024.01	3,779.94	3,384.89	395.05	9.568		
17,500.00	7,780.00	14,488.00	7,793.77	247.00	187.06	89.76	-420.87	7,024.01	3,818.19	3,424.90	393.29	9.708		
17,600.00	7,780.00	14,488.00	7,793.77	249.66	187.06	89.76	-420.87	7,024.01	3,858.65	3,467.30	391.36	9.860		
17,700.00	7,780.00	14,488.00	7,793.77	252.32	187.06	89.76	-420.87	7,024.01	3,901.26	3,512.00	389.25	10.022		
17,800.00	7,780.00	14,488.00	7,793.77	254.98	187.06	89.76	-420.87	7,024.01	3,945.94	3,558.94	387.01	10.196		
17,900.00	7,780.00	14,488.00	7,793.77	257.64	187.06	89.76	-420.87	7,024.01	3,992.63	3,608.00	384.62	10.381		
18,000.00	7,780.00	14,488.00	7,793.77	260.30	187.06	89.76	-420.87	7,024.01	4,041.25	3,659.13	382.12	10.576		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
18,100.00	7,780.00	14,488.00	7,793.77	262.96	187.06	89.76	-420.87	7,024.01	4,091.74	3,712.22	379.52	10.781		
18,200.00	7,780.00	14,488.00	7,793.77	265.62	187.06	89.76	-420.87	7,024.01	4,144.03	3,767.21	376.82	10.997		
18,300.00	7,780.00	14,488.00	7,793.77	268.28	187.06	89.76	-420.87	7,024.01	4,198.05	3,824.00	374.05	11.223		
18,400.00	7,780.00	14,488.00	7,793.77	270.94	187.06	89.76	-420.87	7,024.01	4,253.73	3,882.52	371.21	11.459		
18,500.00	7,780.00	14,488.00	7,793.77	273.61	187.06	89.76	-420.87	7,024.01	4,311.01	3,942.70	368.31	11.705		
18,600.00	7,780.00	14,488.00	7,793.77	276.27	187.06	89.76	-420.87	7,024.01	4,369.84	4,004.47	365.37	11.960		
18,700.00	7,780.00	14,488.00	7,793.77	278.93	187.06	89.76	-420.87	7,024.01	4,430.14	4,067.74	362.40	12.225		
18,800.00	7,780.00	14,488.00	7,793.77	281.60	187.06	89.76	-420.87	7,024.01	4,491.85	4,132.46	359.40	12.498		
18,900.00	7,780.00	14,488.00	7,793.77	284.26	187.06	89.76	-420.87	7,024.01	4,554.93	4,198.55	356.38	12.781		
19,000.00	7,780.00	14,488.00	7,793.77	286.93	187.06	89.76	-420.87	7,024.01	4,619.31	4,265.96	353.35	13.073		
19,100.00	7,780.00	14,488.00	7,793.77	289.60	187.06	89.76	-420.87	7,024.01	4,684.93	4,334.62	350.32	13.373		
19,200.00	7,780.00	14,488.00	7,793.77	292.26	187.06	89.76	-420.87	7,024.01	4,751.76	4,404.47	347.29	13.682		
19,300.00	7,780.00	14,488.00	7,793.77	294.93	187.06	89.76	-420.87	7,024.01	4,819.74	4,475.46	344.27	14.000		
19,400.00	7,780.00	14,488.00	7,793.77	297.60	187.06	89.76	-420.87	7,024.01	4,888.81	4,547.55	341.27	14.325		
19,500.00	7,780.00	14,488.00	7,793.77	300.27	187.06	89.76	-420.87	7,024.01	4,958.94	4,620.66	338.28	14.659		
19,600.00	7,780.00	14,488.00	7,793.77	302.94	187.06	89.76	-420.87	7,024.01	5,030.09	4,694.77	335.32	15.001		
19,700.00	7,780.00	14,488.00	7,793.77	305.60	187.06	89.76	-420.87	7,024.01	5,102.19	4,769.81	332.38	15.351		
19,800.00	7,780.00	14,488.00	7,793.77	308.27	187.06	89.76	-420.87	7,024.01	5,175.23	4,845.76	329.47	15.708		
19,900.00	7,780.00	14,488.00	7,793.77	310.94	187.06	89.76	-420.87	7,024.01	5,249.16	4,922.56	326.59	16.073		
20,000.00	7,780.00	14,488.00	7,793.77	313.61	187.06	89.76	-420.87	7,024.01	5,323.93	5,000.19	323.75	16.445		
20,100.00	7,780.00	14,488.00	7,793.77	316.28	187.06	89.76	-420.87	7,024.01	5,399.53	5,078.59	320.94	16.824		
20,200.00	7,780.00	14,488.00	7,793.77	318.95	187.06	89.76	-420.87	7,024.01	5,475.90	5,157.73	318.17	17.211		
20,300.00	7,780.00	14,488.00	7,793.77	321.63	187.06	89.76	-420.87	7,024.01	5,553.03	5,237.59	315.44	17.604		
20,400.00	7,780.00	14,488.00	7,793.77	324.30	187.06	89.76	-420.87	7,024.01	5,630.88	5,318.13	312.75	18.005		
20,500.00	7,780.00	14,488.00	7,793.77	326.97	187.06	89.76	-420.87	7,024.01	5,709.41	5,399.32	310.10	18.412		
20,600.00	7,780.00	14,488.00	7,793.77	329.64	187.06	89.76	-420.87	7,024.01	5,788.61	5,481.12	307.49	18.825		
20,700.00	7,780.00	14,488.00	7,793.77	332.32	187.06	89.76	-420.87	7,024.01	5,868.45	5,563.52	304.92	19.246		
20,800.00	7,780.00	14,488.00	7,793.77	334.99	187.06	89.76	-420.87	7,024.01	5,948.89	5,646.49	302.40	19.672		
20,900.00	7,780.00	14,488.00	7,793.77	337.66	187.06	89.76	-420.87	7,024.01	6,029.92	5,730.00	299.92	20.105		
21,000.00	7,780.00	14,488.00	7,793.77	340.34	187.06	89.76	-420.87	7,024.01	6,111.51	5,814.03	297.48	20.544		
21,100.00	7,780.00	14,488.00	7,793.77	343.01	187.06	89.76	-420.87	7,024.01	6,193.64	5,898.55	295.09	20.989		
21,200.00	7,780.00	14,488.00	7,793.77	345.68	187.06	89.76	-420.87	7,024.01	6,276.29	5,983.55	292.74	21.440		
21,300.00	7,780.00	14,488.00	7,793.77	348.36	187.06	89.76	-420.87	7,024.01	6,359.44	6,069.01	290.43	21.897		
21,400.00	7,780.00	14,488.00	7,793.77	351.03	187.06	89.76	-420.87	7,024.01	6,443.06	6,154.90	288.16	22.359		
21,500.00	7,780.00	14,488.00	7,793.77	353.71	187.06	89.76	-420.87	7,024.01	6,527.15	6,241.21	285.94	22.827		
21,600.00	7,780.00	14,488.00	7,793.77	356.38	187.06	89.76	-420.87	7,024.01	6,611.68	6,327.92	283.76	23.300		
21,700.00	7,780.00	14,488.00	7,793.77	359.06	187.06	89.76	-420.87	7,024.01	6,696.64	6,415.02	281.62	23.779		
21,800.00	7,780.00	14,488.00	7,793.77	361.73	187.06	89.76	-420.87	7,024.01	6,782.00	6,502.49	279.52	24.263		
21,900.00	7,780.00	14,488.00	7,793.77	364.41	187.06	89.76	-420.87	7,024.01	6,867.77	6,590.31	277.46	24.752		
22,000.00	7,780.00	14,488.00	7,793.77	367.09	187.06	89.76	-420.87	7,024.01	6,953.91	6,678.47	275.44	25.247		
22,100.00	7,780.00	14,488.00	7,793.77	369.76	187.06	89.76	-420.87	7,024.01	7,040.42	6,766.96	273.46	25.746		
22,200.00	7,780.00	14,488.00	7,793.77	372.44	187.06	89.76	-420.87	7,024.01	7,127.28	6,855.76	271.51	26.250		
22,300.00	7,780.00	14,488.00	7,793.77	375.12	187.06	89.76	-420.87	7,024.01	7,214.48	6,944.87	269.61	26.759		
22,400.00	7,780.00	14,488.00	7,793.77	377.79	187.06	89.76	-420.87	7,024.01	7,302.01	7,034.27	267.74	27.273		
22,500.00	7,780.00	14,488.00	7,793.77	380.47	187.06	89.76	-420.87	7,024.01	7,389.86	7,123.95	265.91	27.791		
22,600.00	7,780.00	14,488.00	7,793.77	383.15	187.06	89.76	-420.87	7,024.01	7,478.01	7,213.89	264.11	28.313		
22,700.00	7,780.00	14,488.00	7,793.77	385.83	187.06	89.76	-420.87	7,024.01	7,566.45	7,304.10	262.35	28.841		
22,800.00	7,780.00	14,488.00	7,793.77	388.51	187.06	89.76	-420.87	7,024.01	7,655.19	7,394.56	260.63	29.372		
22,900.00	7,780.00	14,488.00	7,793.77	391.18	187.06	89.76	-420.87	7,024.01	7,744.19	7,485.26	258.94	29.908		
23,000.00	7,780.00	14,488.00	7,793.77	393.86	187.06	89.76	-420.87	7,024.01	7,833.46	7,576.19	257.28	30.448		
23,100.00	7,780.00	14,488.00	7,793.77	396.54	187.06	89.76	-420.87	7,024.01	7,922.99	7,667.34	255.65	30.992		
23,200.00	7,780.00	14,488.00	7,793.77	399.22	187.06	89.76	-420.87	7,024.01	8,012.76	7,758.71	254.05	31.540		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
23,300.00	7,780.00	14,488.00	7,793.77	401.90	187.06	89.76	-420.87	7,024.01	8,102.78	7,850.29	252.49	32.092	
23,400.00	7,780.00	14,488.00	7,793.77	404.58	187.06	89.76	-420.87	7,024.01	8,193.02	7,942.07	250.95	32.647	
23,500.00	7,780.00	14,488.00	7,793.77	407.26	187.06	89.76	-420.87	7,024.01	8,283.49	8,034.04	249.45	33.207	
23,600.00	7,780.00	14,488.00	7,793.77	409.94	187.06	89.76	-420.87	7,024.01	8,374.18	8,126.20	247.98	33.770	
23,700.00	7,780.00	14,488.00	7,793.77	412.62	187.06	89.76	-420.87	7,024.01	8,465.08	8,218.55	246.53	34.337	
23,800.00	7,780.00	14,488.00	7,793.77	415.30	187.06	89.76	-420.87	7,024.01	8,556.18	8,311.07	245.11	34.908	
23,900.00	7,780.00	14,488.00	7,793.77	417.98	187.06	89.76	-420.87	7,024.01	8,647.47	8,403.75	243.72	35.481	
24,000.00	7,780.00	14,488.00	7,793.77	420.66	187.06	89.76	-420.87	7,024.01	8,738.96	8,496.61	242.35	36.059	
24,100.00	7,780.00	14,488.00	7,793.77	423.34	187.06	89.76	-420.87	7,024.01	8,830.63	8,589.62	241.01	36.640	
24,200.00	7,780.00	14,488.00	7,793.77	426.02	187.06	89.76	-420.87	7,024.01	8,922.48	8,682.78	239.70	37.224	
24,225.31	7,780.00	14,488.00	7,793.77	426.70	187.06	89.76	-420.87	7,024.01	8,945.75	8,706.38	239.37	37.372	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	28.14	28.14	0.00	0.04	-172.86	-350.79	-43.95	353.53					
100.00	100.00	127.88	127.87	0.13	0.26	-172.65	-350.79	-45.22	353.69	353.30	0.39	901.290 ES		
200.00	199.98	227.91	227.89	0.50	0.62	-156.98	-350.71	-46.62	355.40	354.29	1.11	319.286		
300.00	299.84	327.58	327.55	0.86	0.98	-157.07	-350.73	-47.83	360.40	358.56	1.84	195.919		
400.00	399.45	427.22	427.18	1.23	1.33	-157.37	-350.78	-48.90	368.62	366.05	2.57	143.542		
500.00	498.70	527.52	527.48	1.63	1.69	-157.88	-350.77	-49.72	379.98	376.68	3.30	115.092		
600.00	597.47	626.71	626.67	2.05	2.05	-158.54	-350.52	-50.28	394.35	390.31	4.04	97.703		
700.00	695.62	724.96	724.92	2.49	2.40	-159.29	-350.25	-50.91	411.98	407.21	4.77	86.302		
800.00	793.06	823.23	823.19	2.98	2.75	-160.10	-349.90	-51.65	432.84	427.33	5.52	78.457		
900.00	889.64	918.67	918.63	3.50	3.09	-160.92	-349.59	-52.46	457.08	450.82	6.26	73.055		
1,000.00	985.27	1,014.38	1,014.33	4.06	3.44	-161.76	-349.43	-53.29	484.77	477.77	7.00	69.226		
1,100.00	1,079.82	1,108.82	1,108.77	4.66	3.77	-162.62	-349.30	-53.96	515.81	508.06	7.75	66.568		
1,200.00	1,173.17	1,202.24	1,202.18	5.31	4.11	-163.48	-349.18	-54.36	550.15	541.66	8.49	64.769		
1,300.00	1,265.21	1,292.98	1,292.92	6.01	4.43	-164.29	-349.20	-54.61	587.93	578.70	9.23	63.694		
1,400.00	1,356.40	1,384.65	1,384.60	6.74	4.76	-165.26	-349.26	-54.85	627.82	617.86	9.97	62.977		
1,500.00	1,447.57	1,474.52	1,474.46	7.49	5.08	-166.11	-349.39	-55.09	667.96	657.27	10.69	62.474		
1,600.00	1,538.75	1,564.65	1,564.59	8.24	5.39	-166.88	-349.66	-55.29	708.35	696.94	11.41	62.070		
1,700.00	1,629.92	1,654.58	1,654.52	8.99	5.70	-167.58	-350.07	-55.35	748.99	736.86	12.13	61.759		
1,800.00	1,721.09	1,747.27	1,747.22	9.75	6.02	-168.22	-350.44	-55.41	789.67	776.81	12.86	61.409		
1,900.00	1,812.27	1,837.93	1,837.87	10.51	6.34	-168.78	-350.76	-55.59	830.36	816.77	13.59	61.112		
2,000.00	1,903.44	1,929.82	1,929.76	11.28	6.66	-169.29	-351.04	-55.78	871.08	856.75	14.32	60.809		
2,100.00	1,994.61	2,021.48	2,021.42	12.04	6.99	-169.76	-351.25	-55.94	911.77	896.71	15.06	60.531		
2,200.00	2,085.78	2,113.66	2,113.60	12.81	7.32	-170.19	-351.38	-56.13	952.44	936.63	15.81	60.254		
2,300.00	2,176.96	2,205.22	2,205.16	13.58	7.65	-170.58	-351.44	-56.39	993.07	976.52	16.55	60.004		
2,400.00	2,268.13	2,296.95	2,296.89	14.35	7.97	-170.93	-351.49	-56.77	1,033.70	1,016.41	17.29	59.769		
2,500.00	2,359.30	2,389.08	2,389.02	15.12	8.30	-171.25	-351.46	-57.17	1,074.28	1,056.24	18.04	59.541		
2,600.00	2,450.48	2,479.74	2,479.68	15.89	8.63	-171.55	-351.41	-57.54	1,114.89	1,096.10	18.78	59.360		
2,700.00	2,541.65	2,570.04	2,569.98	16.67	8.95	-171.83	-351.43	-57.86	1,155.57	1,136.05	19.52	59.201		
2,800.00	2,632.82	2,659.86	2,659.79	17.44	9.27	-172.09	-351.53	-58.16	1,196.38	1,176.12	20.25	59.068		
2,900.00	2,724.00	2,752.27	2,752.21	18.21	9.60	-172.34	-351.65	-58.54	1,237.20	1,216.19	21.01	58.897		
3,000.00	2,815.17	2,844.93	2,844.86	18.99	9.94	-172.56	-351.68	-59.04	1,277.94	1,256.18	21.76	58.727		
3,100.00	2,906.34	2,936.67	2,936.60	19.76	10.26	-172.77	-351.65	-59.58	1,318.63	1,296.12	22.51	58.581		
3,200.00	2,997.52	3,013.19	3,013.12	20.54	10.53	-172.94	-351.97	-59.68	1,359.79	1,336.64	23.15	58.737		
3,300.00	3,088.69	3,097.39	3,097.31	21.31	10.82	-173.15	-352.96	-59.12	1,401.77	1,377.94	23.83	58.819		
3,400.00	3,179.86	3,189.20	3,189.11	22.09	11.13	-173.38	-354.14	-58.28	1,443.91	1,419.35	24.56	58.790		
3,500.00	3,271.04	3,279.49	3,279.40	22.86	11.43	-173.58	-355.21	-57.59	1,485.94	1,460.66	25.28	58.778		
3,600.00	3,362.21	3,372.40	3,372.29	23.64	11.75	-173.78	-356.34	-56.88	1,528.03	1,502.01	26.02	58.725		
3,700.00	3,453.38	3,462.82	3,462.70	24.42	12.06	-173.96	-357.27	-56.30	1,569.94	1,543.20	26.74	58.702		
3,800.00	3,544.56	3,551.91	3,551.78	25.19	12.36	-174.13	-358.34	-55.62	1,612.03	1,584.57	27.46	58.703		
3,900.00	3,635.73	3,646.73	3,646.60	25.97	12.69	-174.29	-359.42	-55.05	1,654.05	1,625.83	28.22	58.618		
4,000.00	3,726.90	3,741.77	3,741.63	26.75	13.01	-174.45	-360.19	-54.54	1,695.78	1,666.80	28.98	58.524		
4,100.00	3,818.08	3,832.13	3,831.99	27.53	13.32	-174.60	-360.80	-53.95	1,737.42	1,707.72	29.70	58.494		
4,200.00	3,909.25	3,922.03	3,921.88	28.30	13.63	-174.74	-361.50	-53.33	1,779.16	1,748.73	30.43	58.473		
4,300.00	4,000.42	4,012.68	4,012.53	29.08	13.95	-174.87	-362.22	-52.92	1,820.88	1,789.72	31.16	58.437		
4,400.00	4,091.60	4,101.48	4,101.33	29.86	14.26	-174.98	-363.04	-52.70	1,862.70	1,830.82	31.88	58.422		
4,500.00	4,182.77	4,191.13	4,190.97	30.64	14.57	-175.08	-363.96	-52.62	1,904.58	1,871.96	32.62	58.396		
4,600.00	4,273.94	4,279.29	4,279.12	31.41	14.88	-175.18	-364.96	-52.52	1,946.57	1,913.23	33.34	58.390		
4,700.00	4,365.12	4,369.38	4,369.21	32.19	15.20	-175.26	-366.12	-52.81	1,988.63	1,954.55	34.08	58.359		
4,800.00	4,456.29	4,459.80	4,459.62	32.97	15.52	-175.33	-367.41	-53.57	2,030.71	1,995.89	34.82	58.321		
4,900.00	4,547.46	4,549.38	4,549.19	33.75	15.84	-175.39	-368.71	-54.33	2,072.82	2,037.26	35.56	58.295		
5,000.00	4,638.63	4,639.96	4,639.76	34.52	16.17	-175.46	-369.97	-54.69	2,114.96	2,078.66	36.30	58.262		
5,100.00	4,729.81	4,734.80	4,734.59	35.30	16.50	-175.56	-371.04	-54.26	2,157.02	2,119.95	37.07	58.191		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,820.98	4,830.02	4,829.80	36.08	16.83	-175.66	-371.84	-53.45	2,198.90	2,161.07	37.83	58.121		
5,300.00	4,912.15	4,923.84	4,923.61	36.86	17.15	-175.76	-372.48	-52.73	2,240.64	2,202.05	38.59	58.064		
5,400.00	5,003.33	5,014.95	5,014.72	37.64	17.47	-175.85	-373.03	-51.99	2,282.31	2,242.98	39.33	58.035		
5,500.00	5,094.50	5,110.11	5,109.88	38.42	17.79	-175.95	-373.47	-51.09	2,323.90	2,283.81	40.09	57.967		
5,600.00	5,185.67	5,205.57	5,205.33	39.19	18.12	-176.05	-373.69	-49.97	2,365.31	2,324.46	40.85	57.897		
5,700.00	5,276.85	5,297.31	5,297.06	39.97	18.43	-176.15	-373.75	-48.70	2,406.64	2,365.05	41.59	57.863		
5,800.00	5,368.02	5,346.23	5,345.98	40.75	18.60	-176.20	-374.18	-47.97	2,448.72	2,406.68	42.04	58.254		
5,900.00	5,459.19	5,393.00	5,392.72	41.53	18.76	-176.25	-375.43	-47.28	2,492.37	2,449.92	42.45	58.710		
6,000.00	5,550.37	5,450.04	5,449.70	42.31	18.97	-176.30	-377.76	-46.12	2,537.38	2,494.44	42.94	59.091		
6,100.00	5,641.54	5,506.12	5,505.67	43.09	19.16	-176.37	-380.66	-44.35	2,583.55	2,540.14	43.41	59.509		
6,200.00	5,732.71	5,562.59	5,561.99	43.87	19.36	-176.44	-384.21	-42.21	2,630.82	2,586.93	43.89	59.946		
6,300.00	5,823.89	5,617.83	5,617.03	44.64	19.56	-176.51	-388.31	-39.81	2,679.15	2,634.81	44.34	60.417		
6,400.00	5,915.06	5,677.00	5,675.91	45.42	19.77	-176.59	-393.36	-36.83	2,728.55	2,683.73	44.83	60.865		
6,500.00	6,006.23	5,719.61	5,718.25	46.20	19.92	-176.64	-397.53	-34.53	2,779.07	2,733.90	45.17	61.518		
6,600.00	6,097.41	5,771.00	5,769.24	46.98	20.11	-176.71	-403.31	-31.76	2,830.82	2,785.24	45.59	62.095		
6,700.00	6,188.58	5,818.36	5,816.16	47.76	20.28	-176.76	-409.27	-29.28	2,883.65	2,837.69	45.96	62.736		
6,800.00	6,279.75	5,880.45	5,877.59	48.54	20.50	-176.82	-417.79	-26.25	2,937.40	2,890.93	46.47	63.215		
6,900.00	6,370.93	5,978.84	5,974.96	49.32	20.86	-176.93	-430.78	-20.77	2,990.86	2,943.57	47.29	63.250		
7,000.00	6,462.10	6,025.03	6,020.62	50.10	21.03	-176.98	-437.15	-17.96	3,044.95	2,997.30	47.65	63.902		
7,100.00	6,553.27	6,055.00	6,050.20	50.88	21.14	-177.01	-441.60	-16.11	3,100.15	3,052.29	47.87	64.767		
7,200.00	6,644.45	6,100.26	6,094.77	51.65	21.31	-177.06	-448.97	-13.28	3,156.50	3,108.28	48.21	65.468		
7,300.00	6,735.62	6,149.00	6,142.56	52.43	21.50	-177.10	-457.96	-10.16	3,214.27	3,165.68	48.59	66.147		
7,400.00	6,826.79	6,170.61	6,163.70	53.21	21.58	-177.12	-462.25	-8.73	3,273.04	3,224.33	48.72	67.183		
7,500.00	6,917.96	6,212.40	6,204.48	53.99	21.74	-177.16	-470.87	-5.80	3,332.89	3,283.86	49.03	67.980		
7,600.00	7,009.14	6,243.00	6,234.28	54.77	21.86	-177.19	-477.46	-3.51	3,393.69	3,344.46	49.23	68.936		
7,700.00	7,100.31	6,290.01	6,279.92	55.55	22.04	-177.23	-488.08	0.24	3,455.37	3,405.78	49.59	69.683		
7,800.00	7,191.48	6,338.00	6,326.33	56.33	22.23	-177.28	-499.58	4.35	3,518.06	3,468.10	49.95	70.426		
7,900.00	7,283.04	6,375.21	6,362.22	57.06	22.38	154.42	-508.84	7.69	3,580.07	3,529.86	50.20	71.309		
8,000.00	7,373.73	6,432.00	6,416.89	57.68	22.61	127.58	-523.27	12.93	3,638.35	3,587.72	50.62	71.871		
8,100.00	7,460.79	6,489.61	6,472.24	58.18	22.85	107.97	-538.04	19.04	3,691.23	3,640.19	51.03	72.331		
8,200.00	7,541.58	6,527.00	6,508.08	58.56	23.00	94.47	-547.58	23.74	3,737.45	3,686.21	51.24	72.934		
8,300.00	7,613.66	6,576.55	6,555.41	58.83	23.21	85.52	-560.38	30.91	3,776.18	3,724.58	51.61	73.170		
8,400.00	7,674.81	6,621.00	6,597.62	59.00	23.40	79.57	-572.17	38.28	3,806.92	3,754.91	52.00	73.205		
8,500.00	7,723.20	6,662.43	6,642.43	59.08	32.05	76.18	-589.91	50.00	3,828.41	3,769.18	59.23	64.634		
8,600.00	7,757.34	6,761.06	6,730.85	59.09	24.00	74.65	-608.31	61.95	3,840.55	3,786.77	53.77	71.421		
8,700.00	7,776.21	6,786.93	6,755.53	59.03	24.11	73.98	-614.94	65.98	3,843.76	3,789.22	54.54	70.481		
8,800.00	7,780.00	6,801.86	6,769.78	58.92	24.18	74.27	-618.79	68.24	3,838.84	3,783.44	55.40	69.293		
8,900.00	7,780.00	6,835.76	6,802.16	58.81	24.33	74.77	-627.51	73.23	3,833.84	3,777.22	56.62	67.707		
9,000.00	7,780.00	6,911.17	6,874.44	58.73	24.66	75.89	-646.11	83.94	3,831.21	3,772.80	58.41	65.596		
9,051.05	7,780.00	9,051.05	6,839.88	58.69	34.60	75.36	-637.16	78.79	3,830.69	3,763.83	66.87	57.290		
9,100.00	7,780.00	9,100.00	6,846.57	58.67	34.84	75.46	-638.91	79.80	3,831.00	3,763.31	67.69	56.597		
9,200.00	7,780.00	9,200.00	6,860.25	58.64	35.32	75.67	-642.48	81.84	3,833.53	3,764.03	69.50	55.157		
9,300.00	7,780.00	9,262.78	6,889.44	58.63	24.73	76.12	-649.92	86.03	3,838.49	3,776.13	62.36	61.549		
9,400.00	7,780.00	6,933.32	6,895.72	58.67	24.76	76.22	-651.53	86.87	3,846.07	3,782.20	63.88	60.210		
9,500.00	7,780.00	6,939.62	6,901.77	58.76	24.79	76.31	-653.09	87.68	3,856.21	3,790.76	65.45	58.916		
9,600.00	7,780.00	6,945.70	6,907.61	58.91	24.82	76.40	-654.61	88.44	3,868.89	3,801.82	67.08	57.679		
9,700.00	7,780.00	6,951.57	6,913.25	59.15	24.85	76.49	-656.08	89.16	3,884.09	3,815.35	68.74	56.508		
9,800.00	7,780.00	6,957.25	6,918.69	59.53	24.87	76.57	-657.51	89.85	3,901.77	3,831.35	70.42	55.409		
9,900.00	7,780.00	6,962.73	6,923.96	60.09	24.90	76.65	-658.90	90.50	3,921.90	3,849.79	72.11	54.385		
10,000.00	7,780.00	6,968.03	6,929.05	60.91	24.92	76.73	-660.24	91.12	3,944.45	3,870.64	73.81	53.438		
10,100.00	7,780.00	6,973.16	6,933.97	62.01	24.94	76.81	-661.56	91.72	3,969.38	3,893.87	75.51	52.568		
10,200.00	7,780.00	6,999.00	6,958.77	63.39	25.06	77.19	-668.25	94.55	3,996.77	3,919.36	77.41	51.633		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	6,999.00	6,958.77	65.02	25.06	77.19	-668.25	94.55	4,026.27	3,947.24	79.03	50.949		
10,400.00	7,780.00	6,999.00	6,958.77	66.83	25.06	77.19	-668.25	94.55	4,058.01	3,977.39	80.62	50.334		
10,500.00	7,780.00	9,151.07	7,852.52	68.78	48.42	90.62	-991.19	1,552.80	4,064.80	3,951.41	113.39	35.848		
10,600.00	7,780.00	9,459.77	7,852.33	70.83	55.14	90.62	-983.27	1,861.35	4,064.35	3,941.71	122.64	33.141		
10,700.00	7,780.00	9,609.85	7,850.67	72.95	58.51	90.60	-972.69	2,011.04	4,057.35	3,928.93	128.41	31.596		
10,800.00	7,780.00	9,678.00	7,849.55	75.14	60.07	90.58	-968.32	2,079.04	4,051.07	3,918.72	132.35	30.609		
10,900.00	7,780.00	9,706.83	7,848.90	77.37	60.74	90.57	-966.84	2,107.83	4,045.89	3,910.51	135.38	29.884		
11,000.00	7,780.00	9,772.00	7,847.02	79.65	62.26	90.55	-964.44	2,172.92	4,042.27	3,902.98	139.29	29.020		
11,100.00	7,780.00	9,772.00	7,847.02	81.96	62.26	90.55	-964.44	2,172.92	4,039.94	3,898.33	141.61	28.529		
11,189.58	7,780.00	9,817.38	7,845.43	84.05	63.34	90.53	-963.78	2,218.27	4,039.15	3,894.35	144.80	27.895		
11,200.00	7,780.00	9,820.69	7,845.30	84.29	63.42	90.52	-963.77	2,221.57	4,039.16	3,894.04	145.12	27.833		
11,300.00	7,780.00	10,033.48	7,836.37	86.65	68.53	90.40	-961.78	2,434.13	4,039.07	3,886.24	152.83	26.429		
11,400.00	7,780.00	10,093.48	7,833.27	89.04	69.98	90.35	-960.27	2,494.03	4,036.86	3,880.16	156.70	25.761		
11,500.00	7,780.00	10,150.00	7,830.43	91.44	71.36	90.31	-959.60	2,550.48	4,035.87	3,875.38	160.49	25.147		
11,557.41	7,780.00	10,185.64	7,828.84	92.83	72.24	90.29	-959.47	2,586.08	4,035.77	3,873.02	162.75	24.797		
11,600.00	7,780.00	10,219.52	7,827.60	93.86	73.07	90.27	-959.41	2,619.93	4,035.82	3,871.19	164.63	24.515		
11,700.00	7,780.00	10,280.25	7,825.87	96.30	74.57	90.25	-959.60	2,680.64	4,036.45	3,867.91	168.54	23.949		
11,800.00	7,780.00	10,339.00	7,824.00	98.75	76.03	90.22	-960.53	2,739.35	4,038.24	3,865.85	172.40	23.424		
11,900.00	7,780.00	10,500.18	7,821.11	101.22	80.06	90.18	-962.96	2,900.48	4,040.23	3,861.15	179.08	22.561		
12,000.00	7,780.00	10,598.97	7,821.49	103.69	82.54	90.19	-963.33	2,999.27	4,040.90	3,856.81	184.09	21.951		
12,100.00	7,780.00	10,668.00	7,821.54	106.18	84.28	90.19	-963.87	3,068.30	4,041.98	3,853.69	188.29	21.467		
12,200.00	7,780.00	10,752.37	7,821.36	108.68	86.42	90.18	-964.90	3,152.66	4,043.51	3,850.59	192.92	20.959		
12,300.00	7,780.00	10,812.00	7,820.91	111.19	87.94	90.18	-966.24	3,212.27	4,045.98	3,849.11	196.86	20.552		
12,400.00	7,780.00	10,875.33	7,820.39	113.70	89.56	90.17	-968.27	3,275.57	4,049.41	3,848.51	200.90	20.156		
12,500.00	7,780.00	10,937.17	7,820.56	116.23	91.14	90.17	-970.66	3,337.36	4,053.61	3,848.71	204.89	19.784		
12,600.00	7,780.00	11,016.92	7,820.91	118.76	93.19	90.18	-974.44	3,417.02	4,058.61	3,849.20	209.41	19.381		
12,700.00	7,780.00	11,084.68	7,820.99	121.30	94.93	90.18	-978.04	3,484.68	4,064.22	3,850.65	213.57	19.030		
12,800.00	7,780.00	11,171.84	7,821.41	123.84	97.18	90.18	-982.80	3,571.72	4,070.02	3,851.70	218.32	18.642		
12,900.00	7,780.00	11,228.45	7,821.03	126.39	98.65	90.18	-986.59	3,628.19	4,076.94	3,854.82	222.13	18.354		
13,000.00	7,780.00	11,284.00	7,820.22	128.95	100.09	90.17	-990.71	3,683.58	4,084.73	3,858.86	225.88	18.084		
13,100.00	7,780.00	11,347.69	7,818.56	131.51	101.74	90.14	-996.06	3,747.03	4,093.48	3,863.62	229.87	17.808		
13,200.00	7,780.00	11,420.65	7,815.67	134.08	103.64	90.10	-1,003.02	3,819.60	4,103.26	3,869.11	234.15	17.524		
13,300.00	7,780.00	11,538.32	7,811.10	136.65	106.70	90.04	-1,014.29	3,936.63	4,113.15	3,873.25	239.90	17.145		
13,400.00	7,780.00	11,666.73	7,806.29	139.23	110.06	89.97	-1,025.68	4,064.44	4,122.31	3,876.30	246.01	16.757		
13,500.00	7,780.00	11,746.52	7,803.41	141.81	112.15	89.93	-1,032.71	4,143.87	4,131.41	3,880.87	250.54	16.490		
13,600.00	7,780.00	11,864.45	7,801.91	144.40	115.24	89.91	-1,042.82	4,261.34	4,140.22	3,883.89	256.33	16.152		
13,700.00	7,780.00	11,953.33	7,802.72	146.99	117.57	89.92	-1,050.62	4,349.88	4,149.27	3,888.09	261.18	15.887		
13,800.00	7,780.00	12,061.27	7,804.03	149.58	120.41	89.94	-1,059.95	4,457.41	4,158.20	3,891.53	266.67	15.593		
13,900.00	7,780.00	12,134.00	7,805.25	152.17	122.32	89.96	-1,066.47	4,529.83	4,167.45	3,896.46	270.99	15.379		
14,000.00	7,780.00	12,512.00	7,798.84	154.77	132.27	89.87	-1,090.55	4,906.77	4,175.24	3,890.25	285.00	14.650		
14,100.00	7,780.00	12,707.55	7,793.07	157.38	137.41	89.79	-1,094.23	5,102.18	4,177.80	3,884.80	293.00	14.259		
14,200.00	7,780.00	12,913.56	7,790.67	159.98	142.82	89.76	-1,093.79	5,308.16	4,178.62	3,877.46	301.16	13.875		
14,300.00	7,780.00	12,997.83	7,791.43	162.59	145.03	89.77	-1,092.04	5,392.41	4,176.85	3,870.85	306.00	13.650		
14,400.00	7,780.00	13,090.86	7,792.63	165.20	147.47	89.78	-1,090.47	5,485.42	4,175.43	3,864.35	311.08	13.422		
14,500.00	7,780.00	13,196.96	7,794.63	167.81	150.26	89.81	-1,088.64	5,591.49	4,173.98	3,857.46	316.52	13.187		
14,600.00	7,780.00	13,295.47	7,796.46	170.43	152.86	89.84	-1,086.92	5,689.96	4,172.52	3,850.77	321.76	12.968		
14,700.00	7,780.00	13,390.63	7,798.21	173.05	155.36	89.86	-1,085.25	5,785.09	4,171.05	3,844.14	326.91	12.759		
14,800.00	7,780.00	13,473.30	7,799.52	175.67	157.54	89.88	-1,084.12	5,867.74	4,169.96	3,838.24	331.72	12.571		
14,900.00	7,780.00	13,591.91	7,801.92	178.29	160.67	89.91	-1,082.53	5,986.32	4,168.91	3,831.39	337.52	12.352		
15,000.00	7,780.00	13,776.15	7,804.50	180.92	165.52	89.95	-1,077.55	6,170.46	4,166.46	3,821.44	345.02	12.076		
15,100.00	7,780.00	13,860.01	7,804.30	183.54	167.73	89.94	-1,074.43	6,254.27	4,163.07	3,813.18	349.89	11.898		
15,200.00	7,780.00	13,929.00	7,802.87	186.17	169.55	89.92	-1,072.68	6,323.22	4,160.71	3,806.34	354.37	11.741		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	13,980.79	7,801.19	188.80	170.92	89.90	-1,071.87	6,374.97	4,159.23	3,800.86	358.36	11.606		
15,400.00	7,780.00	14,061.00	7,798.22	191.43	173.04	89.86	-1,070.96	6,455.12	4,158.38	3,795.27	363.11	11.452		
15,500.00	7,780.00	14,163.75	7,794.77	194.07	175.76	89.81	-1,070.13	6,557.81	4,157.87	3,789.39	368.48	11.284		
15,600.00	7,780.00	14,293.62	7,791.14	196.70	179.20	89.76	-1,068.33	6,687.61	4,156.77	3,782.18	374.59	11.097		
15,700.00	7,780.00	14,360.79	7,789.68	199.34	180.98	89.74	-1,067.38	6,754.77	4,155.69	3,776.70	378.99	10.965		
15,766.03	7,780.00	14,401.00	7,788.66	201.08	182.04	89.73	-1,067.14	6,794.96	4,155.49	3,773.72	381.77	10.885		
15,800.00	7,780.00	14,432.73	7,787.82	201.98	182.88	89.72	-1,067.05	6,826.68	4,155.50	3,771.99	383.50	10.836		
15,900.00	7,780.00	14,572.35	7,785.16	204.62	186.59	89.68	-1,066.30	6,966.26	4,155.32	3,765.41	389.92	10.657		
15,981.91	7,780.00	14,617.00	7,784.87	206.78	187.77	89.68	-1,065.77	7,010.91	4,154.76	3,761.53	393.22	10.566		
16,000.00	7,780.00	14,617.00	7,784.87	207.26	187.77	89.68	-1,065.77	7,010.91	4,154.79	3,761.13	393.67	10.554		
16,100.00	7,780.00	14,617.00	7,784.87	209.90	187.77	89.68	-1,065.77	7,010.91	4,156.43	3,760.44	395.99	10.496		
16,200.00	7,780.00	14,617.00	7,784.87	212.54	187.77	89.68	-1,065.77	7,010.91	4,160.48	3,762.38	398.09	10.451		
16,300.00	7,780.00	14,617.00	7,784.87	215.19	187.77	89.68	-1,065.77	7,010.91	4,166.91	3,766.95	399.97	10.418		
16,400.00	7,780.00	14,617.00	7,784.87	217.83	187.77	89.68	-1,065.77	7,010.91	4,175.74	3,774.12	401.62	10.397		
16,500.00	7,780.00	14,617.00	7,784.87	220.48	187.77	89.68	-1,065.77	7,010.91	4,186.93	3,783.88	403.05	10.388 SF		
16,600.00	7,780.00	14,617.00	7,784.87	223.13	187.77	89.68	-1,065.77	7,010.91	4,200.48	3,796.23	404.25	10.391		
16,700.00	7,780.00	14,617.00	7,784.87	225.78	187.77	89.68	-1,065.77	7,010.91	4,216.35	3,811.12	405.23	10.405		
16,800.00	7,780.00	14,617.00	7,784.87	228.43	187.77	89.68	-1,065.77	7,010.91	4,234.53	3,828.53	406.00	10.430		
16,900.00	7,780.00	14,617.00	7,784.87	231.08	187.77	89.68	-1,065.77	7,010.91	4,254.98	3,848.44	406.55	10.466		
17,000.00	7,780.00	14,617.00	7,784.87	233.73	187.77	89.68	-1,065.77	7,010.91	4,277.67	3,870.79	406.88	10.513		
17,100.00	7,780.00	14,617.00	7,784.87	236.38	187.77	89.68	-1,065.77	7,010.91	4,302.57	3,895.55	407.02	10.571		
17,200.00	7,780.00	14,617.00	7,784.87	239.04	187.77	89.68	-1,065.77	7,010.91	4,329.63	3,922.67	406.96	10.639		
17,300.00	7,780.00	14,617.00	7,784.87	241.69	187.77	89.68	-1,065.77	7,010.91	4,358.82	3,952.12	406.71	10.717		
17,400.00	7,780.00	14,617.00	7,784.87	244.35	187.77	89.68	-1,065.77	7,010.91	4,390.10	3,983.82	406.28	10.806		
17,500.00	7,780.00	14,617.00	7,784.87	247.00	187.77	89.68	-1,065.77	7,010.91	4,423.41	4,017.74	405.67	10.904		
17,600.00	7,780.00	14,617.00	7,784.87	249.66	187.77	89.68	-1,065.77	7,010.91	4,458.72	4,053.82	404.90	11.012		
17,700.00	7,780.00	14,617.00	7,784.87	252.32	187.77	89.68	-1,065.77	7,010.91	4,495.98	4,092.00	403.98	11.129		
17,800.00	7,780.00	14,617.00	7,784.87	254.98	187.77	89.68	-1,065.77	7,010.91	4,535.13	4,132.22	402.91	11.256		
17,900.00	7,780.00	14,617.00	7,784.87	257.64	187.77	89.68	-1,065.77	7,010.91	4,576.14	4,174.44	401.70	11.392		
18,000.00	7,780.00	14,617.00	7,784.87	260.30	187.77	89.68	-1,065.77	7,010.91	4,618.95	4,218.58	400.37	11.537		
18,100.00	7,780.00	14,617.00	7,784.87	262.96	187.77	89.68	-1,065.77	7,010.91	4,663.51	4,264.59	398.91	11.691		
18,200.00	7,780.00	14,617.00	7,784.87	265.62	187.77	89.68	-1,065.77	7,010.91	4,709.77	4,312.42	397.35	11.853		
18,300.00	7,780.00	14,617.00	7,784.87	268.28	187.77	89.68	-1,065.77	7,010.91	4,757.68	4,361.99	395.69	12.024		
18,400.00	7,780.00	14,617.00	7,784.87	270.94	187.77	89.68	-1,065.77	7,010.91	4,807.20	4,413.26	393.93	12.203		
18,500.00	7,780.00	14,617.00	7,784.87	273.61	187.77	89.68	-1,065.77	7,010.91	4,858.27	4,466.17	392.09	12.391		
18,600.00	7,780.00	14,617.00	7,784.87	276.27	187.77	89.68	-1,065.77	7,010.91	4,910.84	4,520.66	390.18	12.586		
18,700.00	7,780.00	14,617.00	7,784.87	278.93	187.77	89.68	-1,065.77	7,010.91	4,964.88	4,576.68	388.20	12.790		
18,800.00	7,780.00	14,617.00	7,784.87	281.60	187.77	89.68	-1,065.77	7,010.91	5,020.32	4,634.16	386.16	13.001		
18,900.00	7,780.00	14,617.00	7,784.87	284.26	187.77	89.68	-1,065.77	7,010.91	5,077.13	4,693.06	384.06	13.220		
19,000.00	7,780.00	14,617.00	7,784.87	286.93	187.77	89.68	-1,065.77	7,010.91	5,135.25	4,753.33	381.92	13.446		
19,100.00	7,780.00	14,617.00	7,784.87	289.60	187.77	89.68	-1,065.77	7,010.91	5,194.66	4,814.91	379.74	13.679		
19,200.00	7,780.00	14,617.00	7,784.87	292.26	187.77	89.68	-1,065.77	7,010.91	5,255.29	4,877.76	377.53	13.920		
19,300.00	7,780.00	14,617.00	7,784.87	294.93	187.77	89.68	-1,065.77	7,010.91	5,317.11	4,941.83	375.29	14.168		
19,400.00	7,780.00	14,617.00	7,784.87	297.60	187.77	89.68	-1,065.77	7,010.91	5,380.08	5,007.06	373.02	14.423		
19,500.00	7,780.00	14,617.00	7,784.87	300.27	187.77	89.68	-1,065.77	7,010.91	5,444.16	5,073.43	370.74	14.685		
19,600.00	7,780.00	14,617.00	7,784.87	302.94	187.77	89.68	-1,065.77	7,010.91	5,509.31	5,140.87	368.44	14.953		
19,700.00	7,780.00	14,617.00	7,784.87	305.60	187.77	89.68	-1,065.77	7,010.91	5,575.50	5,209.36	366.14	15.228		
19,800.00	7,780.00	14,617.00	7,784.87	308.27	187.77	89.68	-1,065.77	7,010.91	5,642.67	5,278.85	363.82	15.509		
19,900.00	7,780.00	14,617.00	7,784.87	310.94	187.77	89.68	-1,065.77	7,010.91	5,710.81	5,349.30	361.51	15.797		
20,000.00	7,780.00	14,617.00	7,784.87	313.61	187.77	89.68	-1,065.77	7,010.91	5,779.88	5,420.68	359.20	16.091		
20,100.00	7,780.00	14,617.00	7,784.87	316.28	187.77	89.68	-1,065.77	7,010.91	5,849.84	5,492.95	356.89	16.391		
20,200.00	7,780.00	14,617.00	7,784.87	318.95	187.77	89.68	-1,065.77	7,010.91	5,920.66	5,566.07	354.59	16.697		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,300.00	7,780.00	14,617.00	7,784.87	321.63	187.77	89.68	-1,065.77	7,010.91	5,992.32	5,640.02	352.30	17.009		
20,400.00	7,780.00	14,617.00	7,784.87	324.30	187.77	89.68	-1,065.77	7,010.91	6,064.77	5,714.75	350.02	17.327		
20,500.00	7,780.00	14,617.00	7,784.87	326.97	187.77	89.68	-1,065.77	7,010.91	6,138.00	5,790.25	347.75	17.650		
20,600.00	7,780.00	14,617.00	7,784.87	329.64	187.77	89.68	-1,065.77	7,010.91	6,211.98	5,866.48	345.50	17.979		
20,700.00	7,780.00	14,617.00	7,784.87	332.32	187.77	89.68	-1,065.77	7,010.91	6,286.68	5,943.41	343.27	18.314		
20,800.00	7,780.00	14,617.00	7,784.87	334.99	187.77	89.68	-1,065.77	7,010.91	6,362.07	6,021.01	341.06	18.654		
20,900.00	7,780.00	14,617.00	7,784.87	337.66	187.77	89.68	-1,065.77	7,010.91	6,438.13	6,099.27	338.87	18.999		
21,000.00	7,780.00	14,617.00	7,784.87	340.34	187.77	89.68	-1,065.77	7,010.91	6,514.84	6,178.15	336.70	19.349		
21,100.00	7,780.00	14,617.00	7,784.87	343.01	187.77	89.68	-1,065.77	7,010.91	6,592.18	6,257.63	334.55	19.705		
21,200.00	7,780.00	14,617.00	7,784.87	345.68	187.77	89.68	-1,065.77	7,010.91	6,670.11	6,337.69	332.42	20.065		
21,300.00	7,780.00	14,617.00	7,784.87	348.36	187.77	89.68	-1,065.77	7,010.91	6,748.63	6,418.31	330.32	20.431		
21,400.00	7,780.00	14,617.00	7,784.87	351.03	187.77	89.68	-1,065.77	7,010.91	6,827.71	6,499.47	328.24	20.801		
21,500.00	7,780.00	14,617.00	7,784.87	353.71	187.77	89.68	-1,065.77	7,010.91	6,907.33	6,581.14	326.19	21.176		
21,600.00	7,780.00	14,617.00	7,784.87	356.38	187.77	89.68	-1,065.77	7,010.91	6,987.48	6,663.31	324.17	21.555		
21,700.00	7,780.00	14,617.00	7,784.87	359.06	187.77	89.68	-1,065.77	7,010.91	7,068.13	6,745.97	322.17	21.939		
21,800.00	7,780.00	14,617.00	7,784.87	361.73	187.77	89.68	-1,065.77	7,010.91	7,149.27	6,829.08	320.19	22.328		
21,900.00	7,780.00	14,617.00	7,784.87	364.41	187.77	89.68	-1,065.77	7,010.91	7,230.89	6,912.64	318.25	22.721		
22,000.00	7,780.00	14,617.00	7,784.87	367.09	187.77	89.68	-1,065.77	7,010.91	7,312.96	6,996.63	316.33	23.118		
22,100.00	7,780.00	14,617.00	7,784.87	369.76	187.77	89.68	-1,065.77	7,010.91	7,395.47	7,081.04	314.43	23.520		
22,200.00	7,780.00	14,617.00	7,784.87	372.44	187.77	89.68	-1,065.77	7,010.91	7,478.41	7,165.84	312.57	23.926		
22,300.00	7,780.00	14,617.00	7,784.87	375.12	187.77	89.68	-1,065.77	7,010.91	7,561.76	7,251.03	310.73	24.336		
22,400.00	7,780.00	14,617.00	7,784.87	377.79	187.77	89.68	-1,065.77	7,010.91	7,645.51	7,336.60	308.91	24.750		
22,500.00	7,780.00	14,617.00	7,784.87	380.47	187.77	89.68	-1,065.77	7,010.91	7,729.65	7,422.52	307.13	25.167		
22,600.00	7,780.00	14,617.00	7,784.87	383.15	187.77	89.68	-1,065.77	7,010.91	7,814.16	7,508.79	305.37	25.589		
22,700.00	7,780.00	14,617.00	7,784.87	385.83	187.77	89.68	-1,065.77	7,010.91	7,899.03	7,595.39	303.64	26.015		
22,800.00	7,780.00	14,617.00	7,784.87	388.51	187.77	89.68	-1,065.77	7,010.91	7,984.25	7,682.32	301.93	26.444		
22,900.00	7,780.00	14,617.00	7,784.87	391.18	187.77	89.68	-1,065.77	7,010.91	8,069.82	7,769.57	300.25	26.877		
23,000.00	7,780.00	14,617.00	7,784.87	393.86	187.77	89.68	-1,065.77	7,010.91	8,155.71	7,857.11	298.59	27.314		
23,100.00	7,780.00	14,617.00	7,784.87	396.54	187.77	89.68	-1,065.77	7,010.91	8,241.91	7,944.95	296.96	27.754		
23,200.00	7,780.00	14,617.00	7,784.87	399.22	187.77	89.68	-1,065.77	7,010.91	8,328.43	8,033.07	295.36	28.197		
23,300.00	7,780.00	14,617.00	7,784.87	401.90	187.77	89.68	-1,065.77	7,010.91	8,415.25	8,121.47	293.78	28.645		
23,400.00	7,780.00	14,617.00	7,784.87	404.58	187.77	89.68	-1,065.77	7,010.91	8,502.35	8,210.13	292.23	29.095		
23,500.00	7,780.00	14,617.00	7,784.87	407.26	187.77	89.68	-1,065.77	7,010.91	8,589.74	8,299.04	290.70	29.549		
23,600.00	7,780.00	14,617.00	7,784.87	409.94	187.77	89.68	-1,065.77	7,010.91	8,677.40	8,388.21	289.19	30.006		
23,700.00	7,780.00	14,617.00	7,784.87	412.62	187.77	89.68	-1,065.77	7,010.91	8,765.32	8,477.61	287.71	30.466		
23,800.00	7,780.00	14,617.00	7,784.87	415.30	187.77	89.68	-1,065.77	7,010.91	8,853.50	8,567.25	286.25	30.929		
23,900.00	7,780.00	14,617.00	7,784.87	417.98	187.77	89.68	-1,065.77	7,010.91	8,941.93	8,657.11	284.82	31.395		
24,000.00	7,780.00	14,617.00	7,784.87	420.66	187.77	89.68	-1,065.77	7,010.91	9,030.60	8,747.19	283.40	31.865		
24,100.00	7,780.00	14,617.00	7,784.87	423.34	187.77	89.68	-1,065.77	7,010.91	9,119.50	8,837.49	282.01	32.337		
24,200.00	7,780.00	14,617.00	7,784.87	426.02	187.77	89.68	-1,065.77	7,010.91	9,208.63	8,927.99	280.65	32.812		
24,225.31	7,780.00	14,617.00	7,784.87	426.70	187.77	89.68	-1,065.77	7,010.91	9,231.23	8,950.92	280.30	32.933		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1AH - 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	0.70	0.70	0.00	0.00	0.20	79.77	0.28	79.78					
100.00	100.00	100.70	100.70	0.13	0.14	0.20	79.77	0.28	79.78	79.51	0.27	295.689 CC		
200.00	199.98	197.99	197.97	0.50	0.49	15.95	81.44	0.11	79.81	78.82	0.98	81.048		
300.00	299.84	295.29	295.14	0.86	0.85	16.56	86.39	-0.41	79.87	78.17	1.70	47.037		
400.00	399.45	392.59	392.08	1.23	1.21	17.57	94.62	-1.27	79.97	77.55	2.41	33.149		
500.00	498.70	489.88	488.68	1.63	1.59	18.98	106.12	-2.47	80.14	77.01	3.13	25.581		
600.00	597.47	587.16	584.82	2.05	1.99	20.78	120.87	-4.01	80.43	76.57	3.86	20.814		
700.00	695.62	684.44	680.39	2.49	2.42	22.96	138.86	-5.88	80.89	76.27	4.61	17.536		
800.00	793.06	781.70	775.29	2.98	2.88	25.49	160.07	-8.10	81.58	76.19	5.39	15.141		
900.00	889.64	878.96	869.39	3.50	3.38	28.34	184.46	-10.64	82.56	76.36	6.20	13.311		
1,000.00	985.27	976.20	962.60	4.06	3.91	31.47	212.01	-13.52	83.92	76.86	7.07	11.875		
1,100.00	1,079.82	1,073.42	1,054.80	4.66	4.49	34.82	242.68	-16.72	85.73	77.72	8.01	10.698		
1,200.00	1,173.17	1,170.63	1,145.88	5.31	5.10	38.34	276.45	-20.24	88.05	79.00	9.05	9.726		
1,300.00	1,265.21	1,267.82	1,235.75	6.01	5.76	41.95	313.26	-24.08	90.95	80.75	10.21	8.910		
1,400.00	1,356.40	1,366.70	1,326.13	6.74	6.47	45.38	353.13	-28.24	94.84	83.35	11.49	8.251		
1,500.00	1,447.57	1,466.46	1,417.25	7.49	7.19	48.51	393.53	-32.46	99.19	86.32	12.87	7.709		
1,600.00	1,538.75	1,566.23	1,508.37	8.24	7.92	51.36	433.94	-36.68	103.80	89.51	14.29	7.265		
1,700.00	1,629.92	1,665.99	1,599.48	8.99	8.66	53.97	474.35	-40.89	108.65	92.90	15.75	6.898		
1,800.00	1,721.09	1,765.76	1,690.60	9.75	9.40	56.35	514.76	-45.11	113.71	96.46	17.25	6.593		
1,900.00	1,812.27	1,865.52	1,781.72	10.51	10.14	58.52	555.16	-49.33	118.94	100.18	18.77	6.339		
2,000.00	1,903.44	1,965.29	1,872.84	11.28	10.89	60.51	595.57	-53.55	124.34	104.03	20.30	6.125		
2,100.00	1,994.61	2,065.05	1,963.96	12.04	11.64	62.33	635.98	-57.76	129.86	108.01	21.85	5.944		
2,200.00	2,085.78	2,164.82	2,055.08	12.81	12.39	64.00	676.39	-61.98	135.51	112.11	23.41	5.789		
2,300.00	2,176.96	2,264.58	2,146.20	13.58	13.14	65.54	716.80	-66.20	141.27	116.30	24.97	5.657		
2,400.00	2,268.13	2,364.35	2,237.31	14.35	13.89	66.96	757.20	-70.41	147.12	120.57	26.54	5.543		
2,500.00	2,359.30	2,464.12	2,328.43	15.12	14.65	68.26	797.61	-74.63	153.05	124.93	28.12	5.443		
2,600.00	2,450.48	2,563.88	2,419.55	15.89	15.40	69.47	838.02	-78.85	159.05	129.36	29.69	5.357		
2,700.00	2,541.65	2,663.65	2,510.67	16.67	16.16	70.59	878.43	-83.06	165.12	133.86	31.27	5.281		
2,800.00	2,632.82	2,763.41	2,601.79	17.44	16.91	71.63	918.84	-87.28	171.25	138.41	32.84	5.214		
2,900.00	2,724.00	2,863.18	2,692.91	18.21	17.67	72.60	959.24	-91.50	177.43	143.01	34.42	5.155		
3,000.00	2,815.17	2,962.94	2,784.02	18.99	18.43	73.50	999.65	-95.71	183.66	147.67	36.00	5.102		
3,100.00	2,906.34	3,062.71	2,875.14	19.76	19.18	74.35	1,040.06	-99.93	189.93	152.36	37.57	5.055		
3,200.00	2,997.52	3,162.47	2,966.26	20.54	19.94	75.14	1,080.47	-104.15	196.24	157.10	39.15	5.013		
3,300.00	3,088.69	3,262.24	3,057.38	21.31	20.70	75.88	1,120.87	-108.36	202.59	161.87	40.72	4.975		
3,400.00	3,179.86	3,362.00	3,148.50	22.09	21.46	76.57	1,161.28	-112.58	208.96	166.67	42.29	4.941		
3,500.00	3,271.04	3,461.77	3,239.62	22.86	22.21	77.23	1,201.69	-116.80	215.37	171.50	43.86	4.910		
3,600.00	3,362.21	3,561.53	3,330.73	23.64	22.97	77.84	1,242.10	-121.01	221.80	176.37	45.43	4.882		
3,700.00	3,453.38	3,661.30	3,421.85	24.42	23.73	78.43	1,282.51	-125.23	228.25	181.25	47.00	4.856		
3,800.00	3,544.56	3,761.07	3,512.97	25.19	24.49	78.98	1,322.91	-129.45	234.73	186.16	48.57	4.833		
3,900.00	3,635.73	3,860.83	3,604.09	25.97	25.25	79.50	1,363.32	-133.66	241.23	191.09	50.14	4.811		
4,000.00	3,726.90	3,960.60	3,695.21	26.75	26.01	79.99	1,403.73	-137.88	247.75	196.04	51.70	4.792		
4,100.00	3,818.08	4,060.36	3,786.33	27.53	26.77	80.46	1,444.14	-142.10	254.28	201.01	53.27	4.774		
4,200.00	3,909.25	4,160.13	3,877.44	28.30	27.53	80.90	1,484.54	-146.31	260.83	206.00	54.83	4.757		
4,300.00	4,000.42	4,259.89	3,968.56	29.08	28.29	81.32	1,524.95	-150.53	267.39	211.00	56.39	4.742		
4,400.00	4,091.60	4,359.66	4,059.68	29.86	29.05	81.72	1,565.36	-154.75	273.97	216.02	57.95	4.727		
4,500.00	4,182.77	4,459.42	4,150.80	30.64	29.81	82.11	1,605.77	-158.97	280.56	221.05	59.51	4.714		
4,600.00	4,273.94	4,559.19	4,241.92	31.41	30.57	82.47	1,646.18	-163.18	287.17	226.09	61.07	4.702		
4,700.00	4,365.12	4,658.95	4,333.04	32.19	31.33	82.82	1,686.58	-167.40	293.78	231.15	62.63	4.691		
4,800.00	4,456.29	4,758.72	4,424.15	32.97	32.09	83.15	1,726.99	-171.62	300.41	236.22	64.19	4.680		
4,900.00	4,547.46	4,858.48	4,515.27	33.75	32.85	83.47	1,767.40	-175.83	307.04	241.29	65.75	4.670		
5,000.00	4,638.63	4,958.25	4,606.39	34.52	33.61	83.78	1,807.81	-180.05	313.68	246.38	67.30	4.661		
5,100.00	4,729.81	5,058.02	4,697.51	35.30	34.37	84.07	1,848.22	-184.27	320.33	251.48	68.86	4.652		

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 PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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-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
5,200.00	4,820.98	5,157.78	4,788.63	36.08	35.13	84.35	1,888.62	-188.48	326.99	256.58	70.41	4.644	
5,300.00	4,912.15	5,257.55	4,879.75	36.86	35.89	84.62	1,929.03	-192.70	333.66	261.70	71.97	4.636	
5,400.00	5,003.33	5,357.31	4,970.86	37.64	36.65	84.88	1,969.44	-196.92	340.34	266.82	73.52	4.629	
5,500.00	5,094.50	5,457.08	5,061.98	38.42	37.41	85.13	2,009.85	-201.13	347.02	271.95	75.07	4.622	
5,600.00	5,185.67	5,556.84	5,153.10	39.19	38.17	85.37	2,050.25	-205.35	353.71	277.08	76.62	4.616	
5,700.00	5,276.85	5,656.61	5,244.22	39.97	38.93	85.60	2,090.66	-209.57	360.40	282.22	78.18	4.610	
5,800.00	5,368.02	5,756.37	5,335.34	40.75	39.69	85.83	2,131.07	-213.78	367.10	287.37	79.73	4.604	
5,900.00	5,459.19	5,856.14	5,426.46	41.53	40.45	86.04	2,171.48	-218.00	373.80	292.52	81.28	4.599	
6,000.00	5,550.37	5,955.90	5,517.57	42.31	41.21	86.25	2,211.89	-222.22	380.51	297.68	82.83	4.594	
6,100.00	5,641.54	6,055.67	5,608.69	43.09	41.98	86.45	2,252.29	-226.43	387.23	302.85	84.38	4.589	
6,200.00	5,732.71	6,155.43	5,699.81	43.87	42.74	86.64	2,292.70	-230.65	393.94	308.02	85.93	4.585	
6,300.00	5,823.89	6,255.20	5,790.93	44.64	43.50	86.83	2,333.11	-234.87	400.67	313.19	87.48	4.580	
6,400.00	5,915.06	6,354.97	5,882.05	45.42	44.26	87.01	2,373.52	-239.08	407.39	318.37	89.02	4.576	
6,500.00	6,006.23	6,454.73	5,973.17	46.20	45.02	87.18	2,413.93	-243.30	414.13	323.55	90.57	4.572	
6,600.00	6,097.41	6,554.50	6,064.29	46.98	45.78	87.35	2,454.33	-247.52	420.86	328.74	92.12	4.569	
6,700.00	6,188.58	6,654.26	6,155.40	47.76	46.54	87.51	2,494.74	-251.73	427.60	333.93	93.67	4.565	
6,800.00	6,279.75	6,754.03	6,246.52	48.54	47.30	87.67	2,535.15	-255.95	434.34	339.13	95.21	4.562	
6,900.00	6,370.93	6,853.79	6,337.64	49.32	48.06	87.83	2,575.56	-260.17	441.09	344.32	96.76	4.559	
7,000.00	6,462.10	6,953.56	6,428.76	50.10	48.82	87.98	2,615.96	-264.39	447.83	349.53	98.31	4.555	
7,100.00	6,553.27	7,053.32	6,519.88	50.88	49.59	88.12	2,656.37	-268.60	454.58	354.73	99.85	4.553	
7,200.00	6,644.45	7,153.09	6,611.00	51.65	50.35	88.26	2,696.78	-272.82	461.34	359.94	101.40	4.550	
7,300.00	6,735.62	7,252.85	6,702.11	52.43	51.11	88.40	2,737.19	-277.04	468.09	365.15	102.94	4.547	
7,400.00	6,826.79	7,352.62	6,793.23	53.21	51.87	88.53	2,777.60	-281.25	474.85	370.36	104.49	4.545	
7,500.00	6,917.96	7,452.38	6,884.35	53.99	52.63	88.66	2,818.00	-285.47	481.61	375.58	106.03	4.542	
7,600.00	7,009.14	7,552.15	6,975.47	54.77	53.39	88.78	2,858.41	-289.69	488.38	380.80	107.58	4.540	
7,700.00	7,100.31	7,651.92	7,066.59	55.55	54.15	88.91	2,898.82	-293.90	495.14	386.02	109.12	4.538	
7,800.00	7,191.48	7,751.68	7,157.71	56.33	54.91	89.02	2,939.23	-298.12	501.91	391.25	110.67	4.535	
7,900.00	7,283.04	7,851.55	7,248.92	57.06	55.68	89.13	2,979.68	-302.34	508.68	396.47	112.21	4.532	
8,000.00	7,373.73	7,951.42	7,340.19	57.84	56.45	89.24	3,020.13	-306.56	515.45	401.69	113.75	4.529	
8,100.00	7,460.79	8,051.29	7,430.36	58.62	57.23	89.35	3,060.58	-310.78	522.22	407.22	115.28	4.526	
8,200.00	7,541.58	8,151.16	7,511.13	59.40	58.01	89.46	3,101.03	-315.00	528.79	412.75	116.81	4.523	
8,300.00	7,613.66	8,251.03	7,611.20	60.18	58.79	89.57	3,141.48	-319.22	535.36	418.28	118.34	4.520	
8,400.00	7,674.81	8,350.90	7,671.35	60.96	59.57	89.68	3,181.93	-323.44	541.85	423.81	119.87	4.517	
8,467.51	7,708.98	8,352.84	7,653.52	59.05	59.51	-62.43	3,161.22	-500.85	136.71	60.73	75.98	1.799 ES, SF	
8,500.00	7,723.20	8,342.07	7,647.03	59.08	59.43	-58.56	3,158.25	-492.78	140.07	66.64	73.43	1.908	
8,600.00	7,757.34	8,305.94	7,624.28	59.09	59.18	-42.48	3,147.87	-466.72	182.84	106.33	76.51	2.390	
8,700.00	7,776.21	8,266.68	7,597.89	59.03	58.89	-25.67	3,135.87	-440.24	248.38	163.56	84.82	2.928	
8,800.00	7,780.00	8,225.78	7,568.71	58.92	58.58	-14.54	3,122.64	-414.84	318.91	227.07	91.84	3.473	
8,900.00	7,780.00	8,189.88	7,541.77	58.81	58.31	-10.14	3,110.47	-394.48	394.89	297.80	97.09	4.067	
9,000.00	7,780.00	8,159.84	7,518.37	58.73	58.08	-6.99	3,099.92	-378.89	476.04	375.13	100.91	4.718	
9,100.00	7,780.00	8,134.46	7,498.03	58.67	57.88	-4.64	3,090.77	-366.78	560.84	457.13	103.71	5.408	
9,200.00	7,780.00	8,112.82	7,480.30	58.64	57.72	-2.85	3,082.81	-357.25	648.33	542.52	105.81	6.128	
9,300.00	7,780.00	8,100.00	7,469.66	58.63	57.62	-1.87	3,078.03	-351.95	737.89	630.15	107.74	6.849	
9,400.00	7,780.00	8,078.02	7,451.16	58.67	57.44	-0.32	3,069.74	-343.47	828.93	720.29	108.64	7.630	
9,500.00	7,780.00	8,063.88	7,439.10	58.76	57.33	0.60	3,064.34	-338.44	921.26	811.65	109.61	8.405	
9,600.00	7,780.00	8,050.00	7,427.15	58.91	57.22	1.45	3,058.99	-333.81	1,014.60	904.27	110.34	9.196	
9,700.00	7,780.00	8,050.00	7,427.15	59.15	57.22	1.45	3,058.99	-333.81	1,108.88	997.53	111.34	9.959	
9,800.00	7,780.00	8,030.50	7,410.20	59.53	57.07	2.55	3,051.41	-327.84	1,203.59	1,092.06	111.53	10.792	
9,900.00	7,780.00	8,021.65	7,402.44	60.09	57.00	3.02	3,047.95	-325.35	1,298.99	1,187.04	111.95	11.603	
10,000.00	7,780.00	8,000.00	7,383.34	60.91	56.83	4.11	3,039.42	-319.80	1,395.10	1,283.15	111.95	12.462	
10,100.00	7,780.00	8,000.00	7,383.34	62.01	56.83	4.11	3,039.42	-319.80	1,491.21	1,378.76	112.45	13.261	
10,200.00	7,780.00	8,000.00	7,383.34	63.39	56.83	4.11	3,039.42	-319.80	1,587.80	1,474.94	112.86	14.069	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1AH - 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		
10,300.00	7,780.00	8,000.00	7,383.34	65.02	56.83	4.11	3,039.42	-319.80	1,684.79	1,571.59	113.20	14.884		
10,400.00	7,780.00	8,000.00	7,383.34	66.83	56.83	4.11	3,039.42	-319.80	1,782.11	1,668.63	113.48	15.704		
10,500.00	7,780.00	8,000.00	7,383.34	68.78	56.83	4.11	3,039.42	-319.80	1,879.71	1,765.99	113.72	16.529		
10,600.00	7,780.00	7,978.52	7,364.21	70.83	56.66	5.09	3,030.89	-315.07	1,977.04	1,863.49	113.55	17.411		
10,700.00	7,780.00	7,974.18	7,360.32	72.95	56.63	5.27	3,029.16	-314.21	2,074.86	1,961.19	113.67	18.253		
10,800.00	7,780.00	7,970.15	7,356.70	75.14	56.59	5.45	3,027.55	-313.44	2,172.85	2,059.07	113.78	19.098		
10,900.00	7,780.00	7,950.00	7,338.57	77.37	56.43	6.26	3,019.47	-310.02	2,271.27	2,157.66	113.61	19.992		
11,000.00	7,780.00	7,950.00	7,338.57	79.65	56.43	6.26	3,019.47	-310.02	2,369.41	2,255.66	113.75	20.829		
11,100.00	7,780.00	7,950.00	7,338.57	81.96	56.43	6.26	3,019.47	-310.02	2,467.71	2,353.82	113.88	21.669		
11,200.00	7,780.00	7,950.00	7,338.57	84.29	56.43	6.26	3,019.47	-310.02	2,566.13	2,452.13	114.00	22.510		
11,300.00	7,780.00	7,950.00	7,338.57	86.65	56.43	6.26	3,019.47	-310.02	2,664.67	2,550.57	114.10	23.353		
11,400.00	7,780.00	7,950.00	7,338.57	89.04	56.43	6.26	3,019.47	-310.02	2,763.32	2,649.12	114.20	24.198		
11,500.00	7,780.00	7,950.00	7,338.57	91.44	56.43	6.26	3,019.47	-310.02	2,862.06	2,747.78	114.28	25.044		
11,600.00	7,780.00	7,950.00	7,338.57	93.86	56.43	6.26	3,019.47	-310.02	2,960.89	2,846.53	114.36	25.891		
11,700.00	7,780.00	7,950.00	7,338.57	96.30	56.43	6.26	3,019.47	-310.02	3,059.79	2,945.36	114.43	26.739		
11,800.00	7,780.00	7,950.00	7,338.57	98.75	56.43	6.26	3,019.47	-310.02	3,158.76	3,044.26	114.50	27.588		
11,900.00	7,780.00	7,950.00	7,338.57	101.22	56.43	6.26	3,019.47	-310.02	3,257.80	3,143.24	114.56	28.438		
12,000.00	7,780.00	7,950.00	7,338.57	103.69	56.43	6.26	3,019.47	-310.02	3,356.89	3,242.27	114.62	29.288		
12,100.00	7,780.00	7,950.00	7,338.57	106.18	56.43	6.26	3,019.47	-310.02	3,456.03	3,341.36	114.67	30.139		
12,200.00	7,780.00	7,950.00	7,338.57	108.68	56.43	6.26	3,019.47	-310.02	3,555.22	3,440.50	114.72	30.990		
12,300.00	7,780.00	7,950.00	7,338.57	111.19	56.43	6.26	3,019.47	-310.02	3,654.46	3,539.69	114.77	31.842		
12,400.00	7,780.00	7,950.00	7,338.57	113.70	56.43	6.26	3,019.47	-310.02	3,753.74	3,638.92	114.81	32.694		
12,500.00	7,780.00	7,950.00	7,338.57	116.23	56.43	6.26	3,019.47	-310.02	3,853.05	3,738.19	114.86	33.547		
12,600.00	7,780.00	7,927.67	7,318.35	118.76	56.26	7.09	3,010.48	-307.04	3,951.90	3,837.26	114.64	34.472		
12,700.00	7,780.00	7,926.27	7,317.08	121.30	56.25	7.14	3,009.92	-306.88	4,051.22	3,936.55	114.67	35.330		
12,800.00	7,780.00	7,924.93	7,315.86	123.84	56.24	7.19	3,009.38	-306.73	4,150.56	4,035.87	114.69	36.189		
12,900.00	7,780.00	7,923.65	7,314.69	126.39	56.23	7.23	3,008.86	-306.60	4,249.94	4,135.22	114.72	37.047		
13,000.00	7,780.00	7,922.42	7,313.57	128.95	56.22	7.27	3,008.36	-306.46	4,349.34	4,234.60	114.74	37.906		
13,100.00	7,780.00	7,900.00	7,293.16	131.51	56.05	8.02	2,999.30	-304.55	4,449.21	4,334.68	114.53	38.848		
13,200.00	7,780.00	7,900.00	7,293.16	134.08	56.05	8.02	2,999.30	-304.55	4,548.61	4,434.04	114.57	39.703		
13,300.00	7,780.00	7,900.00	7,293.16	136.65	56.05	8.02	2,999.30	-304.55	4,648.03	4,533.43	114.60	40.557		
13,400.00	7,780.00	7,900.00	7,293.16	139.23	56.05	8.02	2,999.30	-304.55	4,747.48	4,632.84	114.64	41.412		
13,500.00	7,780.00	7,900.00	7,293.16	141.81	56.05	8.02	2,999.30	-304.55	4,846.95	4,732.28	114.68	42.266		
13,600.00	7,780.00	7,900.00	7,293.16	144.40	56.05	8.02	2,999.30	-304.55	4,946.44	4,831.73	114.71	43.121		
13,700.00	7,780.00	7,900.00	7,293.16	146.99	56.05	8.02	2,999.30	-304.55	5,045.96	4,931.21	114.75	43.975		
13,800.00	7,780.00	7,900.00	7,293.16	149.58	56.05	8.02	2,999.30	-304.55	5,145.49	5,030.71	114.78	44.829		
13,900.00	7,780.00	7,900.00	7,293.16	152.17	56.05	8.02	2,999.30	-304.55	5,245.04	5,130.23	114.81	45.683		
14,000.00	7,780.00	7,900.00	7,293.16	154.77	56.05	8.02	2,999.30	-304.55	5,344.61	5,229.76	114.85	46.537		
14,100.00	7,780.00	7,900.00	7,293.16	157.38	56.05	8.02	2,999.30	-304.55	5,444.19	5,329.31	114.88	47.390		
14,200.00	7,780.00	7,900.00	7,293.16	159.98	56.05	8.02	2,999.30	-304.55	5,543.79	5,428.87	114.91	48.243		
14,300.00	7,780.00	7,900.00	7,293.16	162.59	56.05	8.02	2,999.30	-304.55	5,643.40	5,528.45	114.95	49.096		
14,400.00	7,780.00	7,900.00	7,293.16	165.20	56.05	8.02	2,999.30	-304.55	5,743.02	5,628.05	114.98	49.949		
14,500.00	7,780.00	7,900.00	7,293.16	167.81	56.05	8.02	2,999.30	-304.55	5,842.66	5,727.65	115.01	50.801		
14,600.00	7,780.00	7,900.00	7,293.16	170.43	56.05	8.02	2,999.30	-304.55	5,942.31	5,827.27	115.04	51.653		
14,700.00	7,780.00	7,900.00	7,293.16	173.05	56.05	8.02	2,999.30	-304.55	6,041.97	5,926.90	115.08	52.504		
14,800.00	7,780.00	7,900.00	7,293.16	175.67	56.05	8.02	2,999.30	-304.55	6,141.65	6,026.54	115.11	53.355		
14,900.00	7,780.00	7,900.00	7,293.16	178.29	56.05	8.02	2,999.30	-304.55	6,241.33	6,126.19	115.14	54.206		
15,000.00	7,780.00	7,900.00	7,293.16	180.92	56.05	8.02	2,999.30	-304.55	6,341.02	6,225.85	115.17	55.056		
15,100.00	7,780.00	7,900.00	7,293.16	183.54	56.05	8.02	2,999.30	-304.55	6,440.73	6,325.52	115.21	55.906		
15,200.00	7,780.00	7,900.00	7,293.16	186.17	56.05	8.02	2,999.30	-304.55	6,540.44	6,425.20	115.24	56.755		
15,300.00	7,780.00	7,900.00	7,293.16	188.80	56.05	8.02	2,999.30	-304.55	6,640.16	6,524.89	115.27	57.604		
15,400.00	7,780.00	7,900.00	7,293.16	191.43	56.05	8.02	2,999.30	-304.55	6,739.89	6,624.58	115.31	58.452		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1AH - 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		
15,500.00	7,780.00	7,900.00	7,293.16	194.07	56.05	8.02	2,999.30	-304.55	6,839.62	6,724.28	115.34	59.300		
15,600.00	7,780.00	7,900.00	7,293.16	196.70	56.05	8.02	2,999.30	-304.55	6,939.37	6,823.99	115.37	60.147		
15,700.00	7,780.00	7,900.00	7,293.16	199.34	56.05	8.02	2,999.30	-304.55	7,039.12	6,923.71	115.41	60.993		
15,800.00	7,780.00	7,900.00	7,293.16	201.98	56.05	8.02	2,999.30	-304.55	7,138.88	7,023.44	115.44	61.839		
15,900.00	7,780.00	7,900.00	7,293.16	204.62	56.05	8.02	2,999.30	-304.55	7,238.64	7,123.17	115.48	62.685		
16,000.00	7,780.00	7,900.00	7,293.16	207.26	56.05	8.02	2,999.30	-304.55	7,338.42	7,222.90	115.51	63.530		
16,100.00	7,780.00	7,900.00	7,293.16	209.90	56.05	8.02	2,999.30	-304.55	7,438.19	7,322.65	115.55	64.374		
16,200.00	7,780.00	7,900.00	7,293.16	212.54	56.05	8.02	2,999.30	-304.55	7,537.98	7,422.40	115.58	65.218		
16,300.00	7,780.00	7,900.00	7,293.16	215.19	56.05	8.02	2,999.30	-304.55	7,637.77	7,522.15	115.62	66.061		
16,400.00	7,780.00	7,900.00	7,293.16	217.83	56.05	8.02	2,999.30	-304.55	7,737.56	7,621.91	115.65	66.903		
16,500.00	7,780.00	7,900.00	7,293.16	220.48	56.05	8.02	2,999.30	-304.55	7,837.36	7,721.67	115.69	67.745		
16,600.00	7,780.00	7,900.00	7,293.16	223.13	56.05	8.02	2,999.30	-304.55	7,937.17	7,821.44	115.73	68.586		
16,700.00	7,780.00	7,900.00	7,293.16	225.78	56.05	8.02	2,999.30	-304.55	8,036.98	7,921.21	115.76	69.427		
16,800.00	7,780.00	7,900.00	7,293.16	228.43	56.05	8.02	2,999.30	-304.55	8,136.79	8,020.99	115.80	70.267		
16,900.00	7,780.00	7,900.00	7,293.16	231.08	56.05	8.02	2,999.30	-304.55	8,236.61	8,120.77	115.84	71.106		
17,000.00	7,780.00	7,900.00	7,293.16	233.73	56.05	8.02	2,999.30	-304.55	8,336.43	8,220.56	115.87	71.944		
17,100.00	7,780.00	7,900.00	7,293.16	236.38	56.05	8.02	2,999.30	-304.55	8,436.26	8,320.35	115.91	72.782		
17,200.00	7,780.00	7,900.00	7,293.16	239.04	56.05	8.02	2,999.30	-304.55	8,536.09	8,420.14	115.95	73.619		
17,300.00	7,780.00	7,900.00	7,293.16	241.69	56.05	8.02	2,999.30	-304.55	8,635.93	8,519.94	115.99	74.455		
17,400.00	7,780.00	7,900.00	7,293.16	244.35	56.05	8.02	2,999.30	-304.55	8,735.77	8,619.74	116.03	75.290		
17,500.00	7,780.00	7,900.00	7,293.16	247.00	56.05	8.02	2,999.30	-304.55	8,835.61	8,719.54	116.07	76.125		
17,600.00	7,780.00	7,893.64	7,287.36	249.66	56.00	8.22	2,996.73	-304.17	8,935.42	8,819.37	116.04	77.000		
17,700.00	7,780.00	7,893.32	7,287.07	252.32	56.00	8.23	2,996.60	-304.15	9,035.26	8,919.18	116.08	77.836		
17,800.00	7,780.00	7,893.01	7,286.78	254.98	55.99	8.24	2,996.47	-304.13	9,135.11	9,018.99	116.12	78.671		
17,900.00	7,780.00	7,886.41	7,280.76	257.64	55.94	8.44	2,993.80	-303.81	9,235.00	9,118.91	116.09	79.548		
18,000.00	7,780.00	7,886.41	7,280.76	260.30	55.94	8.44	2,993.80	-303.81	9,334.85	9,218.72	116.14	80.379		
18,100.00	7,780.00	7,886.41	7,280.76	262.96	55.94	8.44	2,993.80	-303.81	9,434.71	9,318.53	116.18	81.210		
18,200.00	7,780.00	7,886.41	7,280.76	265.62	55.94	8.44	2,993.80	-303.81	9,534.57	9,418.35	116.22	82.040		
18,300.00	7,780.00	7,886.41	7,280.76	268.28	55.94	8.44	2,993.80	-303.81	9,634.43	9,518.17	116.26	82.869		
18,400.00	7,780.00	7,886.41	7,280.76	270.94	55.94	8.44	2,993.80	-303.81	9,734.29	9,617.99	116.30	83.697		
18,500.00	7,780.00	7,886.41	7,280.76	273.61	55.94	8.44	2,993.80	-303.81	9,834.16	9,717.81	116.35	84.525		
18,600.00	7,780.00	7,886.41	7,280.76	276.27	55.94	8.44	2,993.80	-303.81	9,934.03	9,817.64	116.39	85.351		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1BH - 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	0.80	0.80	0.00	0.00	0.00	59.74	0.00	59.74				
100.00	100.00	100.80	100.80	0.13	0.14	0.00	59.74	0.00	59.74	59.47	0.27	219.858	
200.00	199.98	200.78	200.78	0.50	0.50	16.02	59.74	0.00	58.06	57.07	0.99	58.559	
300.00	299.84	298.79	298.77	0.86	0.85	17.29	61.43	-0.21	54.76	53.06	1.71	32.096	
400.00	399.45	396.93	396.77	1.23	1.21	19.28	66.46	-0.83	51.56	49.14	2.42	21.277	
500.00	498.70	495.17	494.65	1.63	1.57	22.12	74.82	-1.85	48.53	45.38	3.15	15.423	
600.00	597.47	593.52	592.29	2.05	1.95	25.95	86.52	-3.29	45.77	41.88	3.88	11.784	
700.00	695.62	691.98	689.57	2.49	2.35	30.88	101.57	-5.14	43.41	38.76	4.65	9.338	
800.00	793.06	790.54	786.37	2.98	2.78	36.93	119.94	-7.40	41.64	36.18	5.47	7.620	
900.00	889.64	889.21	882.58	3.50	3.24	44.03	141.63	-10.07	40.67	34.31	6.37	6.388	
948.27	935.92	936.87	928.77	3.77	3.48	47.74	153.28	-11.50	40.55	33.70	6.85	5.921 CC	
1,000.00	985.27	987.97	978.08	4.06	3.73	51.85	166.62	-13.14	40.70	33.31	7.39	5.508 ES	
1,100.00	1,079.82	1,086.84	1,072.74	4.66	4.27	59.94	194.90	-16.62	41.87	33.33	8.55	4.899	
1,200.00	1,173.17	1,185.80	1,166.46	5.31	4.85	67.75	226.43	-20.49	44.27	34.42	9.85	4.495	
1,300.00	1,265.21	1,285.22	1,259.64	6.01	5.46	75.48	260.83	-24.72	47.65	36.38	11.27	4.228	
1,400.00	1,356.40	1,384.85	1,352.91	6.74	6.10	84.13	295.62	-29.00	51.63	38.87	12.76	4.045	
1,500.00	1,447.57	1,484.49	1,446.17	7.49	6.74	91.46	330.41	-33.28	56.61	42.41	14.20	3.986 SF	
1,600.00	1,538.75	1,584.13	1,539.44	8.24	7.39	97.52	365.20	-37.55	62.37	46.79	15.58	4.003	
1,700.00	1,629.92	1,683.76	1,632.70	8.99	8.05	102.51	400.00	-41.83	68.70	51.80	16.90	4.065	
1,800.00	1,721.09	1,783.40	1,725.97	9.75	8.71	106.64	434.79	-46.11	75.46	57.29	18.18	4.152	
1,900.00	1,812.27	1,883.03	1,819.24	10.51	9.37	110.08	469.58	-50.39	82.55	63.13	19.42	4.251	
2,000.00	1,903.44	1,982.67	1,912.50	11.28	10.03	112.96	504.37	-54.66	89.89	69.25	20.64	4.355	
2,100.00	1,994.61	2,082.31	2,005.77	12.04	10.70	115.41	539.16	-58.94	97.42	75.58	21.85	4.459	
2,200.00	2,085.78	2,181.94	2,099.04	12.81	11.37	117.50	573.95	-63.22	105.11	82.06	23.04	4.561	
2,300.00	2,176.96	2,281.58	2,192.30	13.58	12.04	119.31	608.75	-67.49	112.91	88.68	24.23	4.660	
2,400.00	2,268.13	2,381.22	2,285.57	14.35	12.71	120.88	643.54	-71.77	120.81	95.40	25.41	4.755	
2,500.00	2,359.30	2,480.85	2,378.84	15.12	13.38	122.25	678.33	-76.05	128.79	102.21	26.58	4.845	
2,600.00	2,450.48	2,580.49	2,472.10	15.89	14.05	123.47	713.12	-80.33	136.84	109.08	27.76	4.930	
2,700.00	2,541.65	2,680.13	2,565.37	16.67	14.72	124.55	747.91	-84.60	144.94	116.01	28.93	5.010	
2,800.00	2,632.82	2,779.76	2,658.64	17.44	15.40	125.52	782.70	-88.88	153.08	122.99	30.09	5.087	
2,900.00	2,724.00	2,879.40	2,751.90	18.21	16.07	126.38	817.50	-93.16	161.27	130.00	31.26	5.159	
3,000.00	2,815.17	2,979.03	2,845.17	18.99	16.75	127.17	852.29	-97.44	169.48	137.05	32.43	5.226	
3,100.00	2,906.34	3,078.67	2,938.44	19.76	17.42	127.88	887.08	-101.71	177.73	144.14	33.59	5.291	
3,200.00	2,997.52	3,178.31	3,031.70	20.54	18.10	128.53	921.87	-105.99	186.00	151.24	34.76	5.351	
3,300.00	3,088.69	3,277.94	3,124.97	21.31	18.77	129.12	956.66	-110.27	194.29	158.37	35.92	5.409	
3,400.00	3,179.86	3,377.58	3,218.23	22.09	19.45	129.67	991.45	-114.55	202.60	165.52	37.09	5.463	
3,500.00	3,271.04	3,477.22	3,311.50	22.86	20.12	130.17	1,026.25	-118.82	210.93	172.68	38.25	5.514	
3,600.00	3,362.21	3,576.85	3,404.77	23.64	20.80	130.63	1,061.04	-123.10	219.27	179.86	39.42	5.563	
3,700.00	3,453.38	3,676.49	3,498.03	24.42	21.48	131.06	1,095.83	-127.38	227.63	187.05	40.58	5.609	
3,800.00	3,544.56	3,776.12	3,591.30	25.19	22.15	131.46	1,130.62	-131.65	236.00	194.25	41.74	5.653	
3,900.00	3,635.73	3,875.76	3,684.57	25.97	22.83	131.83	1,165.41	-135.93	244.38	201.47	42.91	5.695	
4,000.00	3,726.90	3,975.40	3,777.83	26.75	23.51	132.18	1,200.20	-140.21	252.77	208.69	44.07	5.735	
4,100.00	3,818.08	4,075.03	3,871.10	27.53	24.19	132.50	1,235.00	-144.49	261.16	215.92	45.24	5.773	
4,200.00	3,909.25	4,174.67	3,964.37	28.30	24.86	132.81	1,269.79	-148.76	269.57	223.16	46.40	5.809	
4,300.00	4,000.42	4,274.31	4,057.63	29.08	25.54	133.09	1,304.58	-153.04	277.98	230.41	47.57	5.844	
4,400.00	4,091.60	4,373.94	4,150.90	29.86	26.22	133.36	1,339.37	-157.32	286.40	237.67	48.73	5.877	
4,500.00	4,182.77	4,473.58	4,244.17	30.64	26.90	133.62	1,374.16	-161.60	294.82	244.92	49.90	5.909	
4,600.00	4,273.94	4,573.21	4,337.43	31.41	27.57	133.86	1,408.95	-165.87	303.25	252.19	51.06	5.939	
4,700.00	4,365.12	4,672.85	4,430.70	32.19	28.25	134.08	1,443.75	-170.15	311.69	259.46	52.23	5.968	
4,800.00	4,456.29	4,772.49	4,523.97	32.97	28.93	134.30	1,478.54	-174.43	320.13	266.73	53.39	5.996	
4,900.00	4,547.46	4,872.12	4,617.23	33.75	29.61	134.50	1,513.33	-178.70	328.57	274.01	54.56	6.022	
5,000.00	4,638.63	4,971.76	4,710.50	34.52	30.29	134.70	1,548.12	-182.98	337.02	281.29	55.72	6.048	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1BH - 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		
5,100.00	4,729.81	5,071.40	4,803.76	35.30	30.96	134.88	1,582.91	-187.26	345.47	288.58	56.89	6.073		
5,200.00	4,820.98	5,171.03	4,897.03	36.08	31.64	135.06	1,617.70	-191.54	353.92	295.87	58.06	6.096		
5,300.00	4,912.15	5,270.67	4,990.30	36.86	32.32	135.22	1,652.50	-195.81	362.38	303.16	59.22	6.119		
5,400.00	5,003.33	5,370.30	5,083.56	37.64	33.00	135.38	1,687.29	-200.09	370.84	310.45	60.39	6.141		
5,500.00	5,094.50	5,469.94	5,176.83	38.42	33.68	135.54	1,722.08	-204.37	379.30	317.75	61.55	6.162		
5,600.00	5,185.67	5,569.58	5,270.10	39.19	34.36	135.68	1,756.87	-208.65	387.77	325.05	62.72	6.183		
5,700.00	5,276.85	5,669.21	5,363.36	39.97	35.04	135.82	1,791.66	-212.92	396.24	332.35	63.89	6.202		
5,800.00	5,368.02	5,768.85	5,456.63	40.75	35.72	135.95	1,826.45	-217.20	404.71	339.66	65.05	6.221		
5,900.00	5,459.19	5,868.49	5,549.90	41.53	36.39	136.08	1,861.25	-221.48	413.18	346.96	66.22	6.240		
6,000.00	5,550.37	5,968.12	5,643.16	42.31	37.07	136.21	1,896.04	-225.75	421.65	354.27	67.38	6.257		
6,100.00	5,641.54	6,067.76	5,736.43	43.09	37.75	136.32	1,930.83	-230.03	430.13	361.58	68.55	6.275		
6,200.00	5,732.71	6,167.39	5,829.70	43.87	38.43	136.44	1,965.62	-234.31	438.61	368.89	69.72	6.291		
6,300.00	5,823.89	6,267.03	5,922.96	44.64	39.11	136.55	2,000.41	-238.59	447.09	376.20	70.88	6.307		
6,400.00	5,915.06	6,366.67	6,016.23	45.42	39.79	136.65	2,035.20	-242.86	455.57	383.52	72.05	6.323		
6,500.00	6,006.23	6,466.30	6,109.49	46.20	40.47	136.75	2,070.00	-247.14	464.05	390.83	73.22	6.338		
6,600.00	6,097.41	6,565.94	6,202.76	46.98	41.15	136.85	2,104.79	-251.42	472.54	398.15	74.38	6.353		
6,700.00	6,188.58	6,665.58	6,296.03	47.76	41.83	136.95	2,139.58	-255.70	481.02	405.47	75.55	6.367		
6,800.00	6,279.75	6,765.21	6,389.29	48.54	42.50	137.04	2,174.37	-259.97	489.51	412.79	76.72	6.381		
6,900.00	6,370.93	6,864.85	6,482.56	49.32	43.18	137.13	2,209.16	-264.25	498.00	420.11	77.88	6.394		
7,000.00	6,462.10	6,964.48	6,575.83	50.10	43.86	137.21	2,243.95	-268.53	506.49	427.43	79.05	6.407		
7,100.00	6,553.27	7,064.12	6,669.09	50.88	44.54	137.29	2,278.75	-272.81	514.98	434.76	80.22	6.420		
7,200.00	6,644.45	7,163.76	6,762.36	51.65	45.22	137.37	2,313.54	-277.08	523.47	442.08	81.39	6.432		
7,300.00	6,735.62	7,263.39	6,855.63	52.43	45.90	137.45	2,348.33	-281.36	531.96	449.41	82.55	6.444		
7,400.00	6,826.79	7,363.03	6,948.89	53.21	46.58	137.52	2,383.12	-285.64	540.45	456.73	83.72	6.455		
7,500.00	6,917.96	7,462.67	7,042.16	53.99	47.26	137.60	2,417.91	-289.91	548.95	464.06	84.89	6.467		
7,600.00	7,009.14	7,562.30	7,135.43	54.77	47.94	137.67	2,452.70	-294.19	557.44	471.38	86.06	6.478		
7,700.00	7,100.31	7,661.94	7,228.69	55.55	48.62	137.73	2,487.50	-298.47	565.94	478.71	87.22	6.488		
7,800.00	7,191.48	7,761.57	7,321.96	56.33	49.30	137.80	2,522.29	-302.75	574.43	486.04	88.39	6.499		
7,900.00	7,283.04	7,861.37	7,416.23	57.06	52.33	131.13	2,660.36	-467.39	550.09	477.14	72.94	7.541		
8,000.00	7,373.73	8,000.00	7,771.70	57.68	51.35	132.53	2,691.26	-577.81	484.60	421.65	62.95	7.698		
8,100.00	7,460.79	8,398.49	7,798.23	58.18	53.63	135.25	2,701.39	-629.54	420.77	357.96	62.81	6.699		
8,200.00	7,541.58	8,392.15	7,795.66	58.56	53.59	130.47	2,700.40	-623.83	371.67	304.32	67.35	5.519		
8,300.00	7,613.66	8,368.82	7,785.68	58.83	53.44	123.38	2,696.59	-603.10	345.09	273.10	71.99	4.794		
8,351.57	7,646.68	8,353.16	7,778.54	58.91	53.34	118.97	2,693.86	-589.43	341.58	267.69	73.90	4.622		
8,400.00	7,674.81	8,336.95	7,770.78	59.00	53.24	114.43	2,690.90	-575.51	344.55	269.21	75.34	4.573		
8,500.00	7,723.20	8,300.00	7,751.74	59.08	53.00	104.02	2,683.66	-544.69	367.31	289.64	77.67	4.729		
8,600.00	7,757.34	8,260.50	7,729.37	59.09	52.74	93.14	2,675.17	-513.27	406.19	326.15	80.04	5.075		
8,700.00	7,776.21	8,218.80	7,703.61	59.03	52.47	82.87	2,665.42	-481.96	453.75	370.92	82.83	5.478		
8,800.00	7,780.00	8,176.11	7,675.10	58.92	52.18	75.64	2,654.65	-452.09	504.77	418.79	85.98	5.871		
8,900.00	7,780.00	8,137.98	7,647.94	58.81	51.92	72.57	2,644.41	-427.39	562.41	473.33	89.08	6.313		
9,000.00	7,780.00	8,100.00	7,619.40	58.73	51.66	69.60	2,633.66	-404.75	627.28	535.88	91.40	6.863		
9,100.00	7,780.00	8,077.22	7,601.64	58.67	51.51	67.88	2,626.98	-392.16	697.88	603.65	94.23	7.406		
9,200.00	7,780.00	8,050.00	7,579.81	58.64	51.32	65.88	2,618.77	-378.12	773.22	677.21	96.01	8.054		
9,300.00	7,780.00	8,031.67	7,564.77	58.63	51.19	64.59	2,613.12	-369.30	852.28	754.48	97.81	8.714		
9,400.00	7,780.00	8,013.07	7,549.24	58.67	51.06	63.31	2,607.30	-360.88	934.38	835.26	99.12	9.427		
9,500.00	7,780.00	8,000.00	7,538.18	58.76	50.97	62.43	2,603.15	-355.28	1,018.94	918.61	100.33	10.156		
9,600.00	7,780.00	7,982.10	7,522.85	58.91	50.84	61.26	2,597.39	-348.06	1,105.48	1,004.42	101.07	10.938		
9,700.00	7,780.00	7,969.10	7,511.58	59.15	50.75	60.44	2,593.17	-343.14	1,193.69	1,091.90	101.79	11.727		
9,800.00	7,780.00	7,950.00	7,494.85	59.53	50.61	59.27	2,586.90	-336.41	1,283.34	1,181.19	102.15	12.564		
9,900.00	7,780.00	7,950.00	7,494.85	60.09	50.61	59.27	2,586.90	-336.41	1,374.03	1,271.07	102.96	13.346		
10,000.00	7,780.00	7,950.00	7,494.85	60.91	50.61	59.27	2,586.90	-336.41	1,465.92	1,362.32	103.60	14.150		
10,100.00	7,780.00	7,928.78	7,476.02	62.01	50.46	58.02	2,579.85	-329.63	1,558.29	1,454.66	103.63	15.037		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1BH - 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		
10,200.00	7,780.00	7,920.89	7,468.96	63.39	50.41	57.56	2,577.21	-327.30	1,651.57	1,547.65	103.92	15.893		
10,300.00	7,780.00	7,900.00	7,450.12	65.02	50.26	56.40	2,570.16	-321.64	1,745.67	1,641.79	103.89	16.804		
10,400.00	7,780.00	7,900.00	7,450.12	66.83	50.26	56.40	2,570.16	-321.64	1,839.95	1,735.71	104.24	17.651		
10,500.00	7,780.00	7,900.00	7,450.12	68.78	50.26	56.40	2,570.16	-321.64	1,934.80	1,830.26	104.54	18.508		
10,600.00	7,780.00	7,900.00	7,450.12	70.83	50.26	56.40	2,570.16	-321.64	2,030.15	1,925.36	104.79	19.373		
10,700.00	7,780.00	7,900.00	7,450.12	72.95	50.26	56.40	2,570.16	-321.64	2,125.92	2,020.92	105.00	20.246		
10,800.00	7,780.00	7,900.00	7,450.12	75.14	50.26	56.40	2,570.16	-321.64	2,222.06	2,116.88	105.18	21.125		
10,900.00	7,780.00	7,880.54	7,432.42	77.37	50.12	55.37	2,563.54	-317.02	2,318.13	2,213.07	105.06	22.064		
11,000.00	7,780.00	7,876.29	7,428.53	79.65	50.09	55.15	2,562.08	-316.10	2,414.69	2,309.54	105.15	22.964		
11,100.00	7,780.00	7,872.31	7,424.89	81.96	50.07	54.94	2,560.72	-315.27	2,511.49	2,406.27	105.23	23.867		
11,200.00	7,780.00	7,850.00	7,404.36	84.29	49.91	53.83	2,553.05	-311.08	2,608.87	2,503.81	105.06	24.833		
11,300.00	7,780.00	7,850.00	7,404.36	86.65	49.91	53.83	2,553.05	-311.08	2,705.94	2,600.77	105.17	25.729		
11,400.00	7,780.00	7,850.00	7,404.36	89.04	49.91	53.83	2,553.05	-311.08	2,803.22	2,697.96	105.27	26.629		
11,500.00	7,780.00	7,850.00	7,404.36	91.44	49.91	53.83	2,553.05	-311.08	2,900.69	2,795.33	105.36	27.532		
11,600.00	7,780.00	7,850.00	7,404.36	93.86	49.91	53.83	2,553.05	-311.08	2,998.32	2,892.89	105.44	28.437		
11,700.00	7,780.00	7,850.00	7,404.36	96.30	49.91	53.83	2,553.05	-311.08	3,096.11	2,990.60	105.51	29.344		
11,800.00	7,780.00	7,850.00	7,404.36	98.75	49.91	53.83	2,553.05	-311.08	3,194.03	3,088.45	105.57	30.254		
11,900.00	7,780.00	7,850.00	7,404.36	101.22	49.91	53.83	2,553.05	-311.08	3,292.08	3,186.44	105.63	31.165		
12,000.00	7,780.00	7,850.00	7,404.36	103.69	49.91	53.83	2,553.05	-311.08	3,390.24	3,284.55	105.69	32.078		
12,100.00	7,780.00	7,850.00	7,404.36	106.18	49.91	53.83	2,553.05	-311.08	3,488.50	3,382.76	105.74	32.992		
12,200.00	7,780.00	7,850.00	7,404.36	108.68	49.91	53.83	2,553.05	-311.08	3,586.86	3,481.08	105.78	33.908		
12,300.00	7,780.00	7,850.00	7,404.36	111.19	49.91	53.83	2,553.05	-311.08	3,685.31	3,579.48	105.83	34.824		
12,400.00	7,780.00	7,850.00	7,404.36	113.70	49.91	53.83	2,553.05	-311.08	3,783.84	3,677.97	105.87	35.742		
12,500.00	7,780.00	7,850.00	7,404.36	116.23	49.91	53.83	2,553.05	-311.08	3,882.45	3,776.54	105.90	36.660		
12,600.00	7,780.00	7,850.00	7,404.36	118.76	49.91	53.83	2,553.05	-311.08	3,981.12	3,875.18	105.94	37.579		
12,700.00	7,780.00	7,850.00	7,404.36	121.30	49.91	53.83	2,553.05	-311.08	4,079.86	3,973.89	105.97	38.499		
12,800.00	7,780.00	7,850.00	7,404.36	123.84	49.91	53.83	2,553.05	-311.08	4,178.66	4,072.66	106.00	39.419		
12,900.00	7,780.00	7,828.40	7,384.36	126.39	49.76	52.81	2,545.57	-307.85	4,277.06	4,171.21	105.85	40.407		
13,000.00	7,780.00	7,826.89	7,382.96	128.95	49.75	52.74	2,545.05	-307.65	4,375.90	4,270.03	105.87	41.334		
13,100.00	7,780.00	7,825.44	7,381.61	131.51	49.74	52.67	2,544.55	-307.47	4,474.79	4,368.90	105.89	42.260		
13,200.00	7,780.00	7,824.05	7,380.31	134.08	49.73	52.61	2,544.06	-307.30	4,573.72	4,467.82	105.90	43.187		
13,300.00	7,780.00	7,822.70	7,379.06	136.65	49.72	52.54	2,543.60	-307.13	4,672.70	4,566.77	105.92	44.114		
13,400.00	7,780.00	7,800.00	7,357.90	139.23	49.56	51.53	2,535.70	-304.83	4,772.16	4,666.39	105.76	45.121		
13,500.00	7,780.00	7,800.00	7,357.90	141.81	49.56	51.53	2,535.70	-304.83	4,871.16	4,765.37	105.79	46.044		
13,600.00	7,780.00	7,800.00	7,357.90	144.40	49.56	51.53	2,535.70	-304.83	4,970.20	4,864.38	105.82	46.967		
13,700.00	7,780.00	7,800.00	7,357.90	146.99	49.56	51.53	2,535.70	-304.83	5,069.28	4,963.43	105.85	47.890		
13,800.00	7,780.00	7,800.00	7,357.90	149.58	49.56	51.53	2,535.70	-304.83	5,168.39	5,062.51	105.88	48.813		
13,900.00	7,780.00	7,800.00	7,357.90	152.17	49.56	51.53	2,535.70	-304.83	5,267.54	5,161.63	105.91	49.736		
14,000.00	7,780.00	7,800.00	7,357.90	154.77	49.56	51.53	2,535.70	-304.83	5,366.72	5,260.78	105.94	50.659		
14,100.00	7,780.00	7,800.00	7,357.90	157.38	49.56	51.53	2,535.70	-304.83	5,465.93	5,359.96	105.97	51.581		
14,200.00	7,780.00	7,800.00	7,357.90	159.98	49.56	51.53	2,535.70	-304.83	5,565.17	5,459.17	105.99	52.504		
14,300.00	7,780.00	7,800.00	7,357.90	162.59	49.56	51.53	2,535.70	-304.83	5,664.43	5,558.41	106.02	53.427		
14,400.00	7,780.00	7,800.00	7,357.90	165.20	49.56	51.53	2,535.70	-304.83	5,763.72	5,657.67	106.05	54.349		
14,500.00	7,780.00	7,800.00	7,357.90	167.81	49.56	51.53	2,535.70	-304.83	5,863.03	5,756.96	106.08	55.271		
14,600.00	7,780.00	7,800.00	7,357.90	170.43	49.56	51.53	2,535.70	-304.83	5,962.37	5,856.26	106.11	56.192		
14,700.00	7,780.00	7,800.00	7,357.90	173.05	49.56	51.53	2,535.70	-304.83	6,061.73	5,955.59	106.13	57.114		
14,800.00	7,780.00	7,800.00	7,357.90	175.67	49.56	51.53	2,535.70	-304.83	6,161.11	6,054.95	106.16	58.034		
14,900.00	7,780.00	7,800.00	7,357.90	178.29	49.56	51.53	2,535.70	-304.83	6,260.51	6,154.32	106.19	58.955		
15,000.00	7,780.00	7,800.00	7,357.90	180.92	49.56	51.53	2,535.70	-304.83	6,359.93	6,253.71	106.22	59.875		
15,100.00	7,780.00	7,800.00	7,357.90	183.54	49.56	51.53	2,535.70	-304.83	6,459.36	6,353.11	106.25	60.795		
15,200.00	7,780.00	7,800.00	7,357.90	186.17	49.56	51.53	2,535.70	-304.83	6,558.81	6,452.54	106.28	61.714		
15,300.00	7,780.00	7,800.00	7,357.90	188.80	49.56	51.53	2,535.70	-304.83	6,658.28	6,551.98	106.31	62.633		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1BH - 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		
15,400.00	7,780.00	7,800.00	7,357.90	191.43	49.56	51.53	2,535.70	-304.83	6,757.77	6,651.43	106.34	63.551		
15,500.00	7,780.00	7,800.00	7,357.90	194.07	49.56	51.53	2,535.70	-304.83	6,857.27	6,750.90	106.37	64.468		
15,600.00	7,780.00	7,800.00	7,357.90	196.70	49.56	51.53	2,535.70	-304.83	6,956.78	6,850.39	106.40	65.385		
15,700.00	7,780.00	7,800.00	7,357.90	199.34	49.56	51.53	2,535.70	-304.83	7,056.31	6,949.88	106.43	66.302		
15,800.00	7,780.00	7,800.00	7,357.90	201.98	49.56	51.53	2,535.70	-304.83	7,155.85	7,049.40	106.46	67.218		
15,900.00	7,780.00	7,800.00	7,357.90	204.62	49.56	51.53	2,535.70	-304.83	7,255.41	7,148.92	106.49	68.133		
16,000.00	7,780.00	7,800.00	7,357.90	207.26	49.56	51.53	2,535.70	-304.83	7,354.97	7,248.45	106.52	69.047		
16,100.00	7,780.00	7,800.00	7,357.90	209.90	49.56	51.53	2,535.70	-304.83	7,454.55	7,348.00	106.55	69.961		
16,200.00	7,780.00	7,800.00	7,357.90	212.54	49.56	51.53	2,535.70	-304.83	7,554.14	7,447.55	106.58	70.875		
16,300.00	7,780.00	7,800.00	7,357.90	215.19	49.56	51.53	2,535.70	-304.83	7,653.74	7,547.12	106.62	71.787		
16,400.00	7,780.00	7,800.00	7,357.90	217.83	49.56	51.53	2,535.70	-304.83	7,753.35	7,646.70	106.65	72.699		
16,500.00	7,780.00	7,800.00	7,357.90	220.48	49.56	51.53	2,535.70	-304.83	7,852.97	7,746.28	106.68	73.610		
16,600.00	7,780.00	7,800.00	7,357.90	223.13	49.56	51.53	2,535.70	-304.83	7,952.60	7,845.88	106.72	74.520		
16,700.00	7,780.00	7,800.00	7,357.90	225.78	49.56	51.53	2,535.70	-304.83	8,052.24	7,945.48	106.75	75.430		
16,800.00	7,780.00	7,800.00	7,357.90	228.43	49.56	51.53	2,535.70	-304.83	8,151.88	8,045.10	106.79	76.338		
16,900.00	7,780.00	7,800.00	7,357.90	231.08	49.56	51.53	2,535.70	-304.83	8,251.54	8,144.72	106.82	77.246		
17,000.00	7,780.00	7,800.00	7,357.90	233.73	49.56	51.53	2,535.70	-304.83	8,351.20	8,244.35	106.86	78.153		
17,100.00	7,780.00	7,800.00	7,357.90	236.38	49.56	51.53	2,535.70	-304.83	8,450.88	8,343.98	106.89	79.060		
17,200.00	7,780.00	7,800.00	7,357.90	239.04	49.56	51.53	2,535.70	-304.83	8,550.56	8,443.63	106.93	79.965		
17,300.00	7,780.00	7,800.00	7,357.90	241.69	49.56	51.53	2,535.70	-304.83	8,650.24	8,543.28	106.97	80.870		
17,400.00	7,780.00	7,800.00	7,357.90	244.35	49.56	51.53	2,535.70	-304.83	8,749.94	8,642.93	107.00	81.773		
17,500.00	7,780.00	7,800.00	7,357.90	247.00	49.56	51.53	2,535.70	-304.83	8,849.64	8,742.60	107.04	82.676		
17,600.00	7,780.00	7,800.00	7,357.90	249.66	49.56	51.53	2,535.70	-304.83	8,949.35	8,842.27	107.08	83.578		
17,700.00	7,780.00	7,800.00	7,357.90	252.32	49.56	51.53	2,535.70	-304.83	9,049.06	8,941.94	107.12	84.479		
17,800.00	7,780.00	7,800.00	7,357.90	254.98	49.56	51.53	2,535.70	-304.83	9,148.78	9,041.63	107.15	85.379		
17,900.00	7,780.00	7,800.00	7,357.90	257.64	49.56	51.53	2,535.70	-304.83	9,248.51	9,141.31	107.19	86.278		
18,000.00	7,780.00	7,800.00	7,357.90	260.30	49.56	51.53	2,535.70	-304.83	9,348.24	9,241.01	107.23	87.177		
18,100.00	7,780.00	7,800.00	7,357.90	262.96	49.56	51.53	2,535.70	-304.83	9,447.98	9,340.70	107.27	88.074		
18,200.00	7,780.00	7,789.32	7,347.93	265.62	49.49	51.08	2,531.97	-304.05	9,547.62	9,440.37	107.24	89.030		
18,300.00	7,780.00	7,788.97	7,347.60	268.28	49.48	51.06	2,531.85	-304.03	9,647.36	9,540.08	107.28	89.928		
18,400.00	7,780.00	7,788.63	7,347.28	270.94	49.48	51.05	2,531.73	-304.01	9,747.10	9,639.79	107.32	90.824		
18,500.00	7,780.00	7,788.29	7,346.97	273.61	49.48	51.03	2,531.62	-303.99	9,846.86	9,739.50	107.36	91.720		
18,600.00	7,780.00	7,777.72	7,337.07	276.27	49.41	50.59	2,527.92	-303.44	9,946.71	9,839.38	107.33	92.676		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 3BH - 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	0.90	0.90	0.00	0.00	0.00	40.07	0.00	40.07					
100.00	100.00	100.90	100.90	0.13	0.14	0.00	40.07	0.00	40.07	39.80	0.27	147.271		
200.00	199.98	200.88	200.88	0.50	0.50	16.26	40.07	0.00	38.39	37.40	0.99	38.707		
300.00	299.84	299.76	299.74	0.86	0.85	17.06	41.52	-0.96	34.82	33.11	1.71	20.374		
400.00	399.45	398.75	398.59	1.23	1.21	16.30	45.82	-3.80	30.76	28.33	2.43	12.659		
500.00	498.70	501.68	497.85	1.63	1.59	14.09	52.37	-8.12	25.58	22.41	3.17	8.065		
600.00	597.47	597.96	597.17	2.05	1.95	12.62	59.09	-12.56	17.22	13.33	3.90	4.417		
700.00	695.62	702.74	696.14	2.49	2.34	13.64	65.78	-16.97	5.49	0.82	4.67	1.175	Level 2	
738.83	733.55	735.71	734.46	2.68	2.47	99.67	68.37	-18.68	0.33	-4.79	5.12	0.065	Level 1, CC, ES, SF	
800.00	793.06	796.11	794.66	2.98	2.70	-172.96	72.44	-21.37	9.67	4.29	5.38	1.797		
900.00	889.64	894.37	892.60	3.50	3.07	-172.50	79.07	-25.74	28.21	22.08	6.13	4.599		
1,000.00	985.27	1,008.07	989.85	4.06	3.50	-172.90	85.64	-30.08	50.14	43.20	6.95	7.217		
1,100.00	1,079.82	1,088.67	1,086.27	4.66	3.80	-173.34	92.16	-34.38	75.44	67.80	7.64	9.869		
1,200.00	1,173.17	1,184.47	1,181.76	5.31	4.17	-173.75	98.62	-38.65	104.08	95.68	8.40	12.387		
1,300.00	1,265.21	1,279.22	1,276.20	6.01	4.53	-174.11	105.00	-42.86	136.04	126.88	9.16	14.848		
1,400.00	1,356.40	1,373.26	1,369.93	6.74	4.88	-174.44	111.34	-47.05	170.03	160.11	9.92	17.141		
1,500.00	1,447.57	1,467.29	1,463.66	7.49	5.24	-174.67	117.68	-51.23	204.05	193.38	10.67	19.115		
1,600.00	1,538.75	1,561.33	1,557.38	8.24	5.60	-174.84	124.01	-55.41	238.07	226.64	11.43	20.822		
1,700.00	1,629.92	1,655.36	1,651.11	8.99	5.96	-174.96	130.35	-59.59	272.10	259.90	12.20	22.310		
1,800.00	1,721.09	1,749.39	1,744.83	9.75	6.31	-175.06	136.69	-63.78	306.12	293.16	12.96	23.618		
1,900.00	1,812.27	1,843.42	1,838.56	10.51	6.67	-175.13	143.02	-67.96	340.15	326.42	13.73	24.777		
2,000.00	1,903.44	1,937.45	1,932.28	11.28	7.03	-175.20	149.36	-72.14	374.18	359.68	14.50	25.810		
2,100.00	1,994.61	2,031.49	2,026.01	12.04	7.39	-175.25	155.70	-76.33	408.20	392.93	15.27	26.736		
2,200.00	2,085.78	2,125.52	2,119.74	12.81	7.74	-175.29	162.03	-80.51	442.23	426.19	16.04	27.570		
2,300.00	2,176.96	2,219.55	2,213.46	13.58	8.10	-175.33	168.37	-84.69	476.26	459.44	16.81	28.327		
2,400.00	2,268.13	2,313.58	2,307.19	14.35	8.46	-175.36	174.71	-88.88	510.28	492.70	17.59	29.015		
2,500.00	2,359.30	2,407.62	2,400.91	15.12	8.82	-175.39	181.05	-93.06	544.31	525.95	18.36	29.643		
2,600.00	2,450.48	2,501.65	2,494.64	15.89	9.17	-175.42	187.38	-97.24	578.34	559.20	19.14	30.220		
2,700.00	2,541.65	2,595.68	2,588.36	16.67	9.53	-175.44	193.72	-101.43	612.36	592.45	19.91	30.751		
2,800.00	2,632.82	2,689.71	2,682.09	17.44	9.89	-175.46	200.06	-105.61	646.39	625.70	20.69	31.240		
2,900.00	2,724.00	2,783.75	2,775.81	18.21	10.25	-175.48	206.39	-109.79	680.42	658.95	21.47	31.694		
3,000.00	2,815.17	2,877.78	2,869.54	18.99	10.61	-175.49	212.73	-113.98	714.45	692.20	22.25	32.115		
3,100.00	2,906.34	2,971.81	2,963.26	19.76	10.96	-175.51	219.07	-118.16	748.47	725.45	23.02	32.508		
3,200.00	2,997.52	3,065.84	3,056.99	20.54	11.32	-175.52	225.41	-122.34	782.50	758.70	23.80	32.874		
3,300.00	3,088.69	3,159.88	3,150.71	21.31	11.68	-175.54	231.74	-126.52	816.53	791.95	24.58	33.216		
3,400.00	3,179.86	3,253.91	3,244.44	22.09	12.04	-175.55	238.08	-130.71	850.56	825.20	25.36	33.537		
3,500.00	3,271.04	3,347.94	3,338.16	22.86	12.40	-175.56	244.42	-134.89	884.59	858.44	26.14	33.838		
3,600.00	3,362.21	3,441.97	3,431.89	23.64	12.75	-175.57	250.75	-139.07	918.61	891.69	26.92	34.121		
3,700.00	3,453.38	3,536.01	3,525.61	24.42	13.11	-175.58	257.09	-143.26	952.64	924.94	27.70	34.388		
3,800.00	3,544.56	3,630.04	3,619.34	25.19	13.47	-175.58	263.43	-147.44	986.67	958.19	28.48	34.641		
3,900.00	3,635.73	3,724.07	3,713.07	25.97	13.83	-175.59	269.76	-151.62	1,020.70	991.43	29.26	34.879		
4,000.00	3,726.90	3,818.10	3,806.79	26.75	14.18	-175.60	276.10	-155.81	1,054.73	1,024.68	30.05	35.105		
4,100.00	3,818.08	3,912.13	3,900.52	27.53	14.54	-175.61	282.44	-159.99	1,088.75	1,057.93	30.83	35.319		
4,200.00	3,909.25	4,006.17	3,994.24	28.30	14.90	-175.61	288.78	-164.17	1,122.78	1,091.17	31.61	35.522		
4,300.00	4,000.42	4,100.20	4,087.97	29.08	15.26	-175.62	295.11	-168.36	1,156.81	1,124.42	32.39	35.715		
4,400.00	4,091.60	4,205.77	4,181.69	29.86	15.66	-175.63	301.45	-172.54	1,190.84	1,157.62	33.21	35.853		
4,500.00	4,182.77	4,288.26	4,275.42	30.64	15.97	-175.63	307.79	-176.72	1,224.86	1,190.91	33.95	36.074		
4,600.00	4,273.94	4,382.30	4,369.14	31.41	16.33	-175.64	314.12	-180.91	1,258.89	1,224.16	34.74	36.242		
4,700.00	4,365.12	4,476.33	4,462.87	32.19	16.69	-175.64	320.46	-185.09	1,292.92	1,257.40	35.52	36.401		
4,800.00	4,456.29	4,570.36	4,556.59	32.97	17.05	-175.65	326.80	-189.27	1,326.95	1,290.65	36.30	36.554		
4,900.00	4,547.46	4,664.39	4,650.32	33.75	17.41	-175.65	333.13	-193.45	1,360.98	1,323.89	37.08	36.700		
5,000.00	4,638.63	4,758.43	4,744.04	34.52	17.76	-175.65	339.47	-197.64	1,395.00	1,357.14	37.87	36.839		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 3BH - 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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
5,100.00	4,729.81	4,852.46	4,837.77	35.30	18.12	-175.66	345.81	-201.82	1,429.03	1,390.38	38.65	36.973		
5,200.00	4,820.98	4,946.49	4,931.49	36.08	18.48	-175.66	352.15	-206.00	1,463.06	1,423.63	39.43	37.102		
5,300.00	4,912.15	5,040.52	5,025.22	36.86	18.84	-175.67	358.48	-210.19	1,497.09	1,456.87	40.22	37.225		
5,400.00	5,003.33	5,134.56	5,118.94	37.64	19.20	-175.67	364.82	-214.37	1,531.12	1,490.12	41.00	37.344		
5,500.00	5,094.50	5,228.59	5,212.67	38.42	19.55	-175.67	371.16	-218.55	1,565.14	1,523.36	41.78	37.458		
5,600.00	5,185.67	5,322.62	5,306.40	39.19	19.91	-175.68	377.49	-222.74	1,599.17	1,556.60	42.57	37.567		
5,700.00	5,276.85	5,416.65	5,400.12	39.97	20.27	-175.68	383.83	-226.92	1,633.20	1,589.85	43.35	37.673		
5,800.00	5,368.02	5,510.68	5,493.85	40.75	20.63	-175.68	390.17	-231.10	1,667.23	1,623.09	44.14	37.775		
5,900.00	5,459.19	5,604.72	5,587.57	41.53	20.98	-175.68	396.50	-235.29	1,701.26	1,656.34	44.92	37.873		
6,000.00	5,550.37	5,698.75	5,681.30	42.31	21.34	-175.69	402.84	-239.47	1,735.28	1,689.58	45.70	37.967		
6,100.00	5,641.54	5,807.22	5,775.02	43.09	21.76	-175.69	409.18	-243.65	1,769.31	1,722.77	46.54	38.015		
6,200.00	5,732.71	5,886.81	5,868.75	43.87	22.06	-175.69	415.52	-247.84	1,803.34	1,756.07	47.27	38.146		
6,300.00	5,823.89	5,980.85	5,962.47	44.64	22.42	-175.69	421.85	-252.02	1,837.37	1,789.31	48.06	38.231		
6,400.00	5,915.06	6,074.88	6,056.20	45.42	22.77	-175.70	428.19	-256.20	1,871.40	1,822.55	48.84	38.314		
6,500.00	6,006.23	6,168.91	6,149.92	46.20	23.13	-175.70	434.53	-260.38	1,905.43	1,855.80	49.63	38.393		
6,600.00	6,097.41	6,262.94	6,243.65	46.98	23.49	-175.70	440.86	-264.57	1,939.45	1,889.04	50.41	38.470		
6,700.00	6,188.58	6,356.98	6,337.37	47.76	23.85	-175.70	447.20	-268.75	1,973.48	1,922.28	51.20	38.545		
6,800.00	6,279.75	6,451.01	6,431.10	48.54	24.21	-175.71	453.54	-272.93	2,007.51	1,955.52	51.99	38.617		
6,900.00	6,370.93	6,545.04	6,524.82	49.32	24.56	-175.71	459.88	-277.12	2,041.54	1,988.77	52.77	38.687		
7,000.00	6,462.10	6,639.07	6,618.55	50.10	24.92	-175.71	466.21	-281.30	2,075.57	2,022.01	53.56	38.755		
7,100.00	6,553.27	6,733.11	6,712.27	50.88	25.28	-175.71	472.55	-285.48	2,109.59	2,055.25	54.34	38.820		
7,200.00	6,644.45	6,827.14	6,806.00	51.65	25.64	-175.71	478.89	-289.67	2,143.62	2,088.49	55.13	38.884		
7,300.00	6,735.62	6,921.17	6,899.73	52.43	26.00	-175.71	485.22	-293.85	2,177.65	2,121.73	55.91	38.946		
7,400.00	6,826.79	7,015.20	6,993.45	53.21	26.35	-175.72	491.56	-298.03	2,211.68	2,154.98	56.70	39.006		
7,500.00	6,917.96	7,109.24	7,087.18	53.99	26.71	-175.72	497.90	-302.22	2,245.71	2,188.22	57.49	39.064		
7,600.00	7,009.14	7,203.27	7,180.90	54.77	27.07	-175.72	504.23	-306.40	2,279.73	2,221.46	58.27	39.121		
7,700.00	7,100.31	7,297.30	7,275.06	55.55	27.43	-175.72	510.56	-310.58	2,313.75	2,255.48	59.06	39.178		
7,800.00	7,191.48	7,388.47	7,366.23	56.33	27.79	-175.72	516.89	-314.76	2,347.77	2,289.50	59.84	39.235		
7,900.00	7,282.65	7,479.64	7,457.40	57.11	28.15	-175.72	523.22	-318.94	2,381.79	2,323.52	60.62	39.292		
8,000.00	7,373.82	7,570.81	7,548.57	57.89	28.51	-175.72	529.65	-323.12	2,415.81	2,357.54	61.40	39.349		
8,100.00	7,464.99	7,661.98	7,640.34	58.67	28.87	-175.72	536.08	-327.30	2,449.83	2,391.56	62.18	39.406		
8,200.00	7,556.16	7,753.15	7,731.51	59.45	29.23	-175.72	542.51	-331.48	2,483.85	2,425.58	62.96	39.463		
8,300.00	7,647.33	7,844.32	7,822.68	60.23	29.59	-175.72	548.94	-335.66	2,517.87	2,459.60	63.74	39.520		
8,400.00	7,738.50	7,935.49	7,913.85	61.01	29.95	-175.72	555.37	-339.84	2,551.89	2,493.62	64.52	39.577		
8,500.00	7,829.67	8,026.66	8,005.02	61.79	30.31	-175.72	561.80	-344.02	2,585.91	2,527.64	65.30	39.634		
8,600.00	7,920.84	8,117.83	8,096.19	62.57	30.67	-175.72	568.23	-348.20	2,619.93	2,561.66	66.08	39.691		
8,700.00	8,012.01	8,209.00	8,187.36	63.35	31.03	-175.72	574.66	-352.38	2,653.95	2,595.68	66.86	39.748		
8,800.00	8,103.18	8,300.17	8,278.72	64.13	31.39	-175.72	581.09	-356.56	2,687.97	2,629.70	67.64	39.805		
8,900.00	8,194.35	8,391.34	8,369.89	64.91	31.75	-175.72	587.52	-360.74	2,721.99	2,663.72	68.42	39.862		
9,000.00	8,285.52	8,482.51	8,461.06	65.69	32.11	-175.72	593.95	-364.92	2,756.01	2,697.74	69.20	39.919		
9,100.00	8,376.69	8,573.68	8,552.23	66.47	32.47	-175.72	600.38	-369.10	2,790.03	2,731.76	70.00	39.976		
9,200.00	8,467.86	8,664.85	8,643.40	67.25	32.83	-175.72	606.81	-373.28	2,824.05	2,765.78	70.78	40.033		
9,300.00	8,559.03	8,756.02	8,734.97	68.03	33.19	-175.72	613.24	-377.46	2,858.07	2,799.80	71.56	40.090		
9,400.00	8,650.20	8,847.19	8,826.14	68.81	33.55	-175.72	619.67	-381.64	2,892.09	2,833.82	72.34	40.147		
9,500.00	8,741.37	8,938.36	8,917.31	69.59	33.91	-175.72	626.10	-385.82	2,926.11	2,867.84	73.12	40.204		
9,600.00	8,832.54	9,029.53	9,008.48	70.37	34.27	-175.72	632.53	-389.99	2,960.13	2,901.86	73.90	40.261		
9,700.00	8,923.71	9,120.70	9,100.65	71.15	34.63	-175.72	638.96	-394.17	2,994.15	2,935.88	74.68	40.318		
9,800.00	9,014.88	9,211.87	9,191.82	71.93	34.99	-175.72	645.39	-398.35	3,028.17	2,969.90	75.46	40.375		
9,900.00	9,106.05	9,303.04	9,283.99	72.71	35.35	-175.72	651.82	-402.53	3,062.19	3,003.92	76.24	40.432		
10,000.00	9,197.22	9,394.21	9,374.16	73.49	35.71	-175.72	658.25	-406.71	3,096.21	3,037.94	77.02	40.489		
10,100.00	9,288.39	9,485.38	9,465.33	74.27	36.07	-175.72	664.68	-410.89	3,130.23	3,071.96	77.80	40.546		
10,200.00	9,379.56	9,576.55	9,556.50	75.05	36.43	-175.72	671.11	-415.07	3,164.25	3,105.98	78.58	40.603		
10,300.00	9,470.73	9,667.72	9,647.67	75.83	36.79	-175.72	677.54	-419.25	3,198.27	3,140.00	79.36	40.660		
10,400.00	9,561.90	9,758.89	9,738.84	76.61	37.15	-175.72	683.97	-423.43	3,232.29	3,174.02	80.14	40.717		
10,500.00	9,653.07	9,850.06	9,830.01	77.39	37.51	-175.72	690.40	-427.61	3,266.31	3,208.04	80.92	40.774		
10,600.00	9,744.24	9,941.23	9,921.18	78.17	37.87	-175.72	696.83	-431.79	3,300.33	3,242.06	81.70	40.831		
10,700.00	9,835.41	10,032.40	10,012.35	78.95	38.23	-175.72	703.26	-435.97	3,334.35	3,276.08	82.48	40.888		
10,800.00	9,926.58	10,123.57	10,103.52	79.73	38.59	-175.72	709.69	-440.15	3,368.37	3,310.10	83.26	40.945		
10,900.00	10,017.75	10,214.74	10,194.69	80.51	38.95	-175.72	716.12	-444.33	3,402.39	3,344.12	84.04	41.002		
11,000.00	10,108.92	10,305.91	10,285.86	81.29	39.31	-175.72	722.55	-448.51	3,436.41	3,378.14	84.82	41.059		
11,100.00	10,199.09	10,397.08	10,376.03	82.07	39.67	-175.72	728.98	-452.69	3,470.43	3,412.16	85.60	41.116		
11,200.00	10,290.26	10,488.25	10,467.20	82.85	40.03	-175.72	735.41	-456.87	3,504.45	3,446.18	86.38	41.173		
11,300.00	10,381.43	10,579.42	10,558.35	83.63	40.39	-175.72	741.84	-461.05	3,538.47	3,480.20	87.16	41.230		
11,400.00	10,472.60	10,670.59	10,649.50	84.41	40.75	-175.72	748.27	-465.23	3,572.49	3,514.22	87.94	41.287		
11,500.00	10,563.77	10,761.76	10,740.61	85.19	41.11	-175.72	754.70	-469.41	3,606.51	3,548.24	88.72	41.344		
11,600.00	10,654.94	10,852.93	10,831.78	85.97	41.47	-175.72	761.13	-473.59	3,640.53	3,582.26	89.50	41.401		
11,700.00	10,746.11	10,944.10	10,923.93	86.75	41.83	-175.72	767.56	-4776						

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 3BH - 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		
10,300.00	7,780.00	7,417.71	7,391.52	65.02	27.95	81.32	518.45	-338.41	3,068.59	2,986.73	81.86	37.486		
10,400.00	7,780.00	7,400.00	7,374.70	66.83	27.87	80.95	517.32	-333.00	3,123.94	3,041.18	82.77	37.744		
10,500.00	7,780.00	7,400.00	7,374.70	68.78	27.87	80.95	517.32	-333.00	3,181.28	3,097.48	83.80	37.962		
10,600.00	7,780.00	7,400.00	7,374.70	70.83	27.87	80.95	517.32	-333.00	3,240.68	3,155.90	84.78	38.224		
10,700.00	7,780.00	7,400.00	7,374.70	72.95	27.87	80.95	517.32	-333.00	3,302.04	3,216.34	85.71	38.527		
10,800.00	7,780.00	7,400.00	7,374.70	75.14	27.87	80.95	517.32	-333.00	3,365.26	3,278.68	86.58	38.867		
10,900.00	7,780.00	7,379.69	7,355.21	77.37	27.78	80.53	516.01	-327.43	3,429.92	3,342.67	87.25	39.311		
11,000.00	7,780.00	7,374.77	7,350.46	79.65	27.76	80.43	515.69	-326.19	3,496.37	3,408.37	88.00	39.732		
11,100.00	7,780.00	7,370.17	7,346.01	81.96	27.74	80.33	515.39	-325.06	3,564.36	3,475.65	88.71	40.182		
11,200.00	7,780.00	7,350.00	7,326.40	84.29	27.65	79.91	514.06	-320.55	3,633.98	3,544.73	89.25	40.715		
11,300.00	7,780.00	7,350.00	7,326.40	86.65	27.65	79.91	514.06	-320.55	3,704.70	3,614.78	89.92	41.200		
11,400.00	7,780.00	7,350.00	7,326.40	89.04	27.65	79.91	514.06	-320.55	3,776.75	3,686.20	90.54	41.712		
11,500.00	7,780.00	7,350.00	7,326.40	91.44	27.65	79.91	514.06	-320.55	3,850.04	3,758.91	91.13	42.247		
11,600.00	7,780.00	7,350.00	7,326.40	93.86	27.65	79.91	514.06	-320.55	3,924.52	3,832.83	91.69	42.804		
11,700.00	7,780.00	7,350.00	7,326.40	96.30	27.65	79.91	514.06	-320.55	4,000.10	3,907.90	92.21	43.382		
11,800.00	7,780.00	7,350.00	7,326.40	98.75	27.65	79.91	514.06	-320.55	4,076.74	3,984.04	92.70	43.980		
11,900.00	7,780.00	7,350.00	7,326.40	101.22	27.65	79.91	514.06	-320.55	4,154.37	4,061.22	93.16	44.595		
12,000.00	7,780.00	7,350.00	7,326.40	103.69	27.65	79.91	514.06	-320.55	4,232.94	4,139.35	93.59	45.228		
12,100.00	7,780.00	7,350.00	7,326.40	106.18	27.65	79.91	514.06	-320.55	4,312.40	4,218.40	94.00	45.877		
12,200.00	7,780.00	7,350.00	7,326.40	108.68	27.65	79.91	514.06	-320.55	4,392.70	4,298.31	94.38	46.540		
12,300.00	7,780.00	7,350.00	7,326.40	111.19	27.65	79.91	514.06	-320.55	4,473.79	4,379.04	94.75	47.218		
12,400.00	7,780.00	7,350.00	7,326.40	113.70	27.65	79.91	514.06	-320.55	4,555.63	4,460.55	95.09	47.909		
12,500.00	7,780.00	7,326.87	7,303.73	116.23	27.55	79.42	512.53	-316.23	4,637.74	4,542.44	95.30	48.665		
12,600.00	7,780.00	7,324.78	7,301.67	118.76	27.55	79.38	512.40	-315.88	4,720.88	4,625.29	95.60	49.383		
12,700.00	7,780.00	7,322.77	7,299.69	121.30	27.54	79.34	512.26	-315.56	4,804.66	4,708.78	95.88	50.112		
12,800.00	7,780.00	7,300.00	7,277.20	123.84	27.44	78.86	510.74	-312.37	4,889.41	4,793.37	96.04	50.909		
12,900.00	7,780.00	7,300.00	7,277.20	126.39	27.44	78.86	510.74	-312.37	4,974.31	4,878.00	96.31	51.651		
13,000.00	7,780.00	7,300.00	7,277.20	128.95	27.44	78.86	510.74	-312.37	5,059.75	4,963.20	96.56	52.402		
13,100.00	7,780.00	7,300.00	7,277.20	131.51	27.44	78.86	510.74	-312.37	5,145.72	5,048.93	96.79	53.163		
13,200.00	7,780.00	7,300.00	7,277.20	134.08	27.44	78.86	510.74	-312.37	5,232.19	5,135.17	97.02	53.931		
13,300.00	7,780.00	7,300.00	7,277.20	136.65	27.44	78.86	510.74	-312.37	5,319.13	5,221.90	97.23	54.707		
13,400.00	7,780.00	7,300.00	7,277.20	139.23	27.44	78.86	510.74	-312.37	5,406.53	5,309.10	97.43	55.491		
13,500.00	7,780.00	7,300.00	7,277.20	141.81	27.44	78.86	510.74	-312.37	5,494.35	5,396.73	97.62	56.281		
13,600.00	7,780.00	7,300.00	7,277.20	144.40	27.44	78.86	510.74	-312.37	5,582.59	5,484.78	97.81	57.079		
13,700.00	7,780.00	7,300.00	7,277.20	146.99	27.44	78.86	510.74	-312.37	5,671.21	5,573.23	97.98	57.882		
13,800.00	7,780.00	7,300.00	7,277.20	149.58	27.44	78.86	510.74	-312.37	5,760.21	5,662.06	98.14	58.691		
13,900.00	7,780.00	7,300.00	7,277.20	152.17	27.44	78.86	510.74	-312.37	5,849.56	5,751.26	98.30	59.506		
14,000.00	7,780.00	7,300.00	7,277.20	154.77	27.44	78.86	510.74	-312.37	5,939.25	5,840.80	98.45	60.326		
14,100.00	7,780.00	7,300.00	7,277.20	157.38	27.44	78.86	510.74	-312.37	6,029.27	5,930.67	98.60	61.151		
14,200.00	7,780.00	7,300.00	7,277.20	159.98	27.44	78.86	510.74	-312.37	6,119.60	6,020.86	98.73	61.980		
14,300.00	7,780.00	7,300.00	7,277.20	162.59	27.44	78.86	510.74	-312.37	6,210.22	6,111.35	98.87	62.814		
14,400.00	7,780.00	7,300.00	7,277.20	165.20	27.44	78.86	510.74	-312.37	6,301.13	6,202.13	98.99	63.652		
14,500.00	7,780.00	7,300.00	7,277.20	167.81	27.44	78.86	510.74	-312.37	6,392.30	6,293.19	99.11	64.495		
14,600.00	7,780.00	7,300.00	7,277.20	170.43	27.44	78.86	510.74	-312.37	6,483.74	6,384.51	99.23	65.341		
14,700.00	7,780.00	7,300.00	7,277.20	173.05	27.44	78.86	510.74	-312.37	6,575.43	6,476.09	99.34	66.190		
14,800.00	7,780.00	7,300.00	7,277.20	175.67	27.44	78.86	510.74	-312.37	6,667.36	6,567.91	99.45	67.043		
14,900.00	7,780.00	7,300.00	7,277.20	178.29	27.44	78.86	510.74	-312.37	6,759.51	6,659.96	99.55	67.899		
15,000.00	7,780.00	7,300.00	7,277.20	180.92	27.44	78.86	510.74	-312.37	6,851.89	6,752.24	99.65	68.759		
15,100.00	7,780.00	7,300.00	7,277.20	183.54	27.44	78.86	510.74	-312.37	6,944.47	6,844.73	99.75	69.621		
15,200.00	7,780.00	7,300.00	7,277.20	186.17	27.44	78.86	510.74	-312.37	7,037.26	6,937.42	99.84	70.486		
15,300.00	7,780.00	7,300.00	7,277.20	188.80	27.44	78.86	510.74	-312.37	7,130.25	7,030.32	99.93	71.353		
15,400.00	7,780.00	7,300.00	7,277.20	191.43	27.44	78.86	510.74	-312.37	7,223.42	7,123.41	100.02	72.223		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 3BH - 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		
15,500.00	7,780.00	7,300.00	7,277.20	194.07	27.44	78.86	510.74	-312.37	7,316.77	7,216.67	100.10	73.095		
15,600.00	7,780.00	7,300.00	7,277.20	196.70	27.44	78.86	510.74	-312.37	7,410.30	7,310.12	100.18	73.969		
15,700.00	7,780.00	7,300.00	7,277.20	199.34	27.44	78.86	510.74	-312.37	7,503.99	7,403.73	100.26	74.845		
15,800.00	7,780.00	7,300.00	7,277.20	201.98	27.44	78.86	510.74	-312.37	7,597.85	7,497.51	100.34	75.724		
15,900.00	7,780.00	7,300.00	7,277.20	204.62	27.44	78.86	510.74	-312.37	7,691.86	7,591.44	100.41	76.604		
16,000.00	7,780.00	7,300.00	7,277.20	207.26	27.44	78.86	510.74	-312.37	7,786.01	7,685.53	100.48	77.486		
16,100.00	7,780.00	7,300.00	7,277.20	209.90	27.44	78.86	510.74	-312.37	7,880.32	7,779.76	100.55	78.369		
16,200.00	7,780.00	7,300.00	7,277.20	212.54	27.44	78.86	510.74	-312.37	7,974.76	7,874.13	100.62	79.254		
16,300.00	7,780.00	7,300.00	7,277.20	215.19	27.44	78.86	510.74	-312.37	8,069.33	7,968.64	100.69	80.141		
16,400.00	7,780.00	7,300.00	7,277.20	217.83	27.44	78.86	510.74	-312.37	8,164.03	8,063.28	100.75	81.029		
16,500.00	7,780.00	7,300.00	7,277.20	220.48	27.44	78.86	510.74	-312.37	8,258.86	8,158.04	100.82	81.918		
16,600.00	7,780.00	7,300.00	7,277.20	223.13	27.44	78.86	510.74	-312.37	8,353.81	8,252.93	100.88	82.808		
16,700.00	7,780.00	7,300.00	7,277.20	225.78	27.44	78.86	510.74	-312.37	8,448.88	8,347.94	100.94	83.700		
16,800.00	7,780.00	7,279.78	7,257.14	228.43	27.36	78.43	509.39	-310.28	8,543.69	8,442.74	100.95	84.632		
16,900.00	7,780.00	7,279.23	7,256.59	231.08	27.36	78.42	509.35	-310.24	8,638.96	8,537.95	101.01	85.527		
17,000.00	7,780.00	7,278.69	7,256.05	233.73	27.36	78.41	509.31	-310.19	8,734.33	8,633.27	101.07	86.422		
17,100.00	7,780.00	7,278.16	7,255.52	236.38	27.36	78.40	509.28	-310.15	8,829.81	8,728.69	101.12	87.319		
17,200.00	7,780.00	7,277.64	7,255.01	239.04	27.36	78.39	509.24	-310.10	8,925.38	8,824.20	101.18	88.216		
17,300.00	7,780.00	7,277.14	7,254.51	241.69	27.35	78.38	509.21	-310.06	9,021.05	8,919.82	101.23	89.113		
17,400.00	7,780.00	7,276.64	7,254.01	244.35	27.35	78.36	509.18	-310.02	9,116.81	9,015.52	101.28	90.012		
17,500.00	7,780.00	7,256.28	7,233.75	247.00	27.27	77.94	507.81	-308.76	9,213.01	9,111.73	101.29	90.961		
17,600.00	7,780.00	7,256.28	7,233.75	249.66	27.27	77.94	507.81	-308.76	9,308.93	9,207.60	101.34	91.859		
17,700.00	7,780.00	7,256.28	7,233.75	252.32	27.27	77.94	507.81	-308.76	9,404.94	9,303.55	101.39	92.758		
17,800.00	7,780.00	7,256.28	7,233.75	254.98	27.27	77.94	507.81	-308.76	9,501.03	9,399.58	101.44	93.657		
17,900.00	7,780.00	7,256.28	7,233.75	257.64	27.27	77.94	507.81	-308.76	9,597.20	9,495.70	101.50	94.557		
18,000.00	7,780.00	7,256.28	7,233.75	260.30	27.27	77.94	507.81	-308.76	9,693.44	9,591.90	101.55	95.457		
18,100.00	7,780.00	7,256.28	7,233.75	262.96	27.27	77.94	507.81	-308.76	9,789.76	9,688.17	101.60	96.357		
18,200.00	7,780.00	7,256.28	7,233.75	265.62	27.27	77.94	507.81	-308.76	9,886.16	9,784.51	101.65	97.258		
18,300.00	7,780.00	7,256.28	7,233.75	268.28	27.27	77.94	507.81	-308.76	9,982.62	9,880.92	101.70	98.159		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 4AH - 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	0.00	20.03	0.00	20.03					
100.00	100.00	101.00	101.00	0.13	0.14	0.00	20.03	0.00	20.03	19.76	0.27	73.554		
200.00	199.98	201.24	201.21	0.50	0.49	11.84	19.25	-1.61	17.61	16.62	0.99	17.800		
300.00	299.84	301.02	300.88	0.86	0.85	-5.75	17.16	-5.94	11.20	9.48	1.71	6.531		
389.65	389.16	409.85	389.89	1.20	1.25	-64.94	15.12	-10.13	6.30	3.87	2.43	2.594 CC, ES, SF		
400.00	399.45	400.42	400.14	1.23	1.21	-76.30	14.89	-10.62	6.42	3.99	2.43	2.638		
500.00	498.70	500.58	499.01	1.63	1.58	-135.19	12.63	-15.28	16.25	13.05	3.19	5.088		
600.00	597.47	602.10	597.36	2.05	1.96	-149.24	10.38	-19.92	32.63	28.68	3.95	8.267		
700.00	695.62	704.26	695.07	2.49	2.33	-155.39	8.15	-24.52	52.76	48.05	4.71	11.213		
800.00	793.06	807.17	792.02	2.98	2.71	-159.02	5.93	-29.10	76.34	70.87	5.47	13.956		
900.00	889.64	889.05	888.10	3.50	3.02	-161.50	3.73	-33.63	103.29	97.12	6.16	16.763		
1,000.00	985.27	984.27	983.19	4.06	3.37	-163.34	1.56	-38.11	133.56	126.65	6.91	19.338		
1,100.00	1,079.82	1,078.38	1,077.18	4.66	3.72	-164.75	-0.59	-42.54	167.11	159.46	7.65	21.840		
1,200.00	1,173.17	1,171.27	1,169.94	5.31	4.06	-165.88	-2.71	-46.92	203.92	195.52	8.40	24.287		
1,300.00	1,265.21	1,262.82	1,261.37	6.01	4.40	-166.80	-4.80	-51.23	243.93	234.79	9.14	26.688		
1,400.00	1,356.40	1,353.50	1,351.92	6.74	4.74	-167.69	-6.87	-55.50	285.92	276.04	9.88	28.942		
1,500.00	1,447.57	1,444.16	1,442.46	7.49	5.07	-168.37	-8.94	-59.77	327.98	317.37	10.61	30.902		
1,600.00	1,538.75	1,534.82	1,533.00	8.24	5.41	-168.90	-11.01	-64.04	370.07	358.72	11.35	32.600		
1,700.00	1,629.92	1,625.49	1,623.53	8.99	5.74	-169.32	-13.08	-68.31	412.19	400.09	12.09	34.084		
1,800.00	1,721.09	1,716.15	1,714.07	9.75	6.08	-169.66	-15.15	-72.58	454.31	441.48	12.84	35.390		
1,900.00	1,812.27	1,806.81	1,804.61	10.51	6.41	-169.94	-17.22	-76.84	496.45	482.87	13.58	36.547		
2,000.00	1,903.44	1,902.52	1,895.15	11.28	6.77	-170.18	-19.28	-81.11	538.60	524.25	14.35	37.532		
2,100.00	1,994.61	1,988.14	1,985.69	12.04	7.08	-170.38	-21.35	-85.38	580.75	565.67	15.08	38.508		
2,200.00	2,085.78	2,078.80	2,076.23	12.81	7.42	-170.56	-23.42	-89.65	622.91	607.08	15.83	39.344		
2,300.00	2,176.96	2,169.47	2,166.77	13.58	7.76	-170.71	-25.49	-93.92	665.07	648.49	16.58	40.102		
2,400.00	2,268.13	2,260.13	2,257.31	14.35	8.09	-170.85	-27.56	-98.19	707.24	689.90	17.34	40.791		
2,500.00	2,359.30	2,350.80	2,347.85	15.12	8.43	-170.97	-29.63	-102.46	749.41	731.31	18.09	41.422		
2,600.00	2,450.48	2,441.46	2,438.39	15.89	8.76	-171.08	-31.70	-106.73	791.58	772.73	18.85	42.000		
2,700.00	2,541.65	2,532.12	2,528.93	16.67	9.10	-171.17	-33.77	-111.00	833.75	814.15	19.60	42.533		
2,800.00	2,632.82	2,622.79	2,619.47	17.44	9.43	-171.26	-35.84	-115.27	875.93	855.57	20.36	43.025		
2,900.00	2,724.00	2,713.45	2,710.00	18.21	9.77	-171.34	-37.91	-119.54	918.10	896.99	21.12	43.480		
3,000.00	2,815.17	2,804.11	2,800.54	18.99	10.11	-171.41	-39.98	-123.81	960.28	938.41	21.87	43.903		
3,100.00	2,906.34	2,905.22	2,891.08	19.76	10.48	-171.48	-42.05	-128.08	1,002.46	979.79	22.67	44.221		
3,200.00	2,997.52	2,985.44	2,981.62	20.54	10.78	-171.54	-44.12	-132.35	1,044.64	1,021.25	23.39	44.663		
3,300.00	3,088.69	3,076.10	3,072.16	21.31	11.11	-171.60	-46.19	-136.62	1,086.82	1,062.67	24.15	45.007		
3,400.00	3,179.86	3,166.77	3,162.70	22.09	11.45	-171.65	-48.26	-140.89	1,129.00	1,104.10	24.91	45.329		
3,500.00	3,271.04	3,257.43	3,253.24	22.86	11.78	-171.70	-50.33	-145.16	1,171.19	1,145.52	25.67	45.631		
3,600.00	3,362.21	3,348.09	3,343.78	23.64	12.12	-171.74	-52.40	-149.42	1,213.37	1,186.94	26.43	45.915		
3,700.00	3,453.38	3,438.76	3,434.32	24.42	12.45	-171.78	-54.47	-153.69	1,255.55	1,228.37	27.19	46.183		
3,800.00	3,544.56	3,529.42	3,524.86	25.19	12.79	-171.82	-56.54	-157.96	1,297.74	1,269.79	27.95	46.436		
3,900.00	3,635.73	3,620.08	3,615.40	25.97	13.13	-171.86	-58.61	-162.23	1,339.92	1,311.21	28.71	46.675		
4,000.00	3,726.90	3,710.75	3,705.94	26.75	13.46	-171.89	-60.68	-166.50	1,382.11	1,352.64	29.47	46.901		
4,100.00	3,818.08	3,801.41	3,796.48	27.53	13.80	-171.93	-62.75	-170.77	1,424.29	1,394.06	30.23	47.115		
4,200.00	3,909.25	3,907.93	3,887.01	28.30	14.19	-171.96	-64.82	-175.04	1,466.48	1,435.43	31.05	47.230		
4,300.00	4,000.42	3,982.74	3,977.55	29.08	14.47	-171.99	-66.89	-179.31	1,508.66	1,476.91	31.75	47.512		
4,400.00	4,091.60	4,073.40	4,068.09	29.86	14.80	-172.01	-68.96	-183.58	1,550.85	1,518.34	32.52	47.696		
4,500.00	4,182.77	4,164.06	4,158.63	30.64	15.14	-172.04	-71.02	-187.85	1,593.04	1,559.76	33.28	47.871		
4,600.00	4,273.94	4,254.73	4,249.17	31.41	15.48	-172.06	-73.09	-192.12	1,635.23	1,601.19	34.04	48.039		
4,700.00	4,365.12	4,345.39	4,339.71	32.19	15.81	-172.09	-75.16	-196.39	1,677.41	1,642.61	34.80	48.198		
4,800.00	4,456.29	4,436.05	4,430.25	32.97	16.15	-172.11	-77.23	-200.66	1,719.60	1,684.03	35.57	48.350		
4,900.00	4,547.46	4,526.72	4,520.79	33.75	16.48	-172.13	-79.30	-204.93	1,761.79	1,725.46	36.33	48.496		
5,000.00	4,638.63	4,617.38	4,611.33	34.52	16.82	-172.15	-81.37	-209.20	1,803.98	1,766.88	37.09	48.635		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 4AH - 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		
5,100.00	4,729.81	4,708.04	4,701.87	35.30	17.15	-172.17	-83.44	-213.47	1,846.16	1,808.31	37.86	48.769		
5,200.00	4,820.98	4,801.29	4,792.41	36.08	17.50	-172.19	-85.51	-217.74	1,888.35	1,849.72	38.63	48.885		
5,300.00	4,912.15	4,889.37	4,882.95	36.86	17.83	-172.21	-87.58	-222.00	1,930.54	1,891.16	39.38	49.020		
5,400.00	5,003.33	4,980.03	4,973.48	37.64	18.16	-172.22	-89.65	-226.27	1,972.73	1,932.58	40.15	49.138		
5,500.00	5,094.50	5,070.70	5,064.02	38.42	18.50	-172.24	-91.72	-230.54	2,014.92	1,974.01	40.91	49.251		
5,600.00	5,185.67	5,161.36	5,154.56	39.19	18.83	-172.25	-93.79	-234.81	2,057.11	2,015.43	41.68	49.360		
5,700.00	5,276.85	5,252.03	5,245.10	39.97	19.17	-172.27	-95.86	-239.08	2,099.30	2,056.85	42.44	49.464		
5,800.00	5,368.02	5,342.69	5,335.64	40.75	19.50	-172.28	-97.93	-243.35	2,141.48	2,098.28	43.21	49.565		
5,900.00	5,459.19	5,433.35	5,426.18	41.53	19.84	-172.30	-100.00	-247.62	2,183.67	2,139.70	43.97	49.662		
6,000.00	5,550.37	5,524.02	5,516.72	42.31	20.18	-172.31	-102.07	-251.89	2,225.86	2,181.13	44.74	49.756		
6,100.00	5,641.54	5,614.68	5,607.26	43.09	20.51	-172.32	-104.14	-256.16	2,268.05	2,222.55	45.50	49.846		
6,200.00	5,732.71	5,705.34	5,697.80	43.87	20.85	-172.34	-106.21	-260.43	2,310.24	2,263.97	46.27	49.933		
6,300.00	5,823.89	5,803.99	5,788.34	44.64	21.21	-172.35	-108.28	-264.70	2,352.43	2,305.37	47.06	49.985		
6,400.00	5,915.06	5,886.67	5,878.88	45.42	21.52	-172.36	-110.35	-268.97	2,394.62	2,346.82	47.80	50.098		
6,500.00	6,006.23	5,977.33	5,969.42	46.20	21.85	-172.37	-112.42	-273.24	2,436.81	2,388.25	48.57	50.176		
6,600.00	6,097.41	6,068.00	6,059.96	46.98	22.19	-172.38	-114.49	-277.51	2,479.00	2,429.67	49.33	50.252		
6,700.00	6,188.58	6,158.66	6,150.49	47.76	22.53	-172.39	-116.56	-281.78	2,521.19	2,471.09	50.10	50.325		
6,800.00	6,279.75	6,249.32	6,241.03	48.54	22.86	-172.40	-118.63	-286.05	2,563.38	2,512.51	50.87	50.396		
6,900.00	6,370.93	6,339.99	6,331.57	49.32	23.20	-172.41	-120.69	-290.32	2,605.57	2,553.94	51.63	50.464		
7,000.00	6,462.10	6,430.65	6,422.11	50.10	23.53	-172.42	-122.76	-294.59	2,647.76	2,595.36	52.40	50.530		
7,100.00	6,553.27	6,521.31	6,512.65	50.88	23.87	-172.43	-124.83	-298.85	2,689.95	2,636.78	53.17	50.595		
7,200.00	6,644.45	6,611.98	6,603.19	51.65	24.20	-172.44	-126.90	-303.12	2,732.14	2,678.21	53.93	50.657		
7,300.00	6,735.62	6,702.64	6,693.73	52.43	24.54	-172.44	-128.97	-307.39	2,774.33	2,719.63	54.70	50.717		
7,400.00	6,826.79	6,806.70	6,784.27	53.21	24.92	-172.45	-131.04	-311.66	2,816.52	2,761.00	55.52	50.730		
7,500.00	6,917.96	6,883.97	6,874.81	53.99	25.21	-172.46	-133.11	-315.93	2,858.71	2,802.47	56.24	50.832		
7,600.00	7,009.14	6,974.63	6,965.35	54.77	25.55	-172.47	-135.18	-320.20	2,900.90	2,843.89	57.01	50.887		
7,700.00	7,100.31	7,065.29	7,055.89	55.55	25.88	-172.48	-137.25	-324.47	2,943.09	2,885.32	57.78	50.940		
7,800.00	7,191.48	7,155.96	7,146.43	56.33	26.22	-172.48	-139.32	-328.74	2,985.28	2,926.74	58.54	50.992		
7,900.00	7,283.04	7,246.64	7,236.98	57.06	26.55	162.27	-141.39	-333.01	3,026.51	2,967.21	59.30	51.034		
8,000.00	7,373.73	7,401.60	7,391.07	57.68	27.15	138.81	-144.92	-346.98	3,064.68	3,004.11	60.57	50.597		
8,100.00	7,460.79	7,625.59	7,596.40	58.18	28.23	124.07	-149.68	-432.75	3,096.64	3,033.37	62.67	49.404		
8,200.00	7,541.58	7,704.79	7,658.89	58.56	28.69	113.27	-151.15	-481.28	3,123.85	3,060.23	63.62	49.102		
8,300.00	7,613.66	7,722.86	7,672.16	58.83	28.80	104.97	-151.46	-493.53	3,149.83	3,085.84	63.99	49.227		
8,400.00	7,674.81	7,714.05	7,665.74	59.00	28.75	98.55	-151.31	-487.51	3,173.68	3,109.58	64.10	49.510		
8,500.00	7,723.20	7,691.87	7,649.16	59.08	28.61	93.61	-150.92	-472.78	3,194.64	3,130.48	64.16	49.793		
8,600.00	7,757.34	7,662.37	7,626.25	59.09	28.43	89.95	-150.38	-454.21	3,211.88	3,147.61	64.27	49.973		
8,700.00	7,776.21	7,628.60	7,598.89	59.03	28.24	87.45	-149.74	-434.43	3,224.66	3,160.16	64.50	49.992		
8,800.00	7,780.00	7,592.71	7,568.59	58.92	28.05	86.22	-149.03	-415.22	3,232.74	3,167.86	64.88	49.830		
8,900.00	7,780.00	7,561.47	7,541.29	58.81	27.89	85.74	-148.39	-400.07	3,241.50	3,176.06	65.44	49.533		
9,000.00	7,780.00	7,535.65	7,518.12	58.73	27.76	85.33	-147.85	-388.68	3,252.91	3,186.72	66.18	49.151		
9,100.00	7,780.00	7,514.03	7,498.34	58.67	27.65	84.98	-147.40	-379.96	3,267.03	3,199.96	67.07	48.712		
9,200.00	7,780.00	7,500.00	7,485.34	58.64	27.59	84.75	-147.09	-374.71	3,283.91	3,215.80	68.11	48.212		
9,300.00	7,780.00	7,480.02	7,466.60	58.63	27.50	84.41	-146.66	-367.77	3,303.54	3,234.37	69.17	47.760		
9,400.00	7,780.00	7,466.45	7,453.75	58.67	27.43	84.19	-146.36	-363.44	3,325.92	3,255.58	70.34	47.282		
9,500.00	7,780.00	7,450.00	7,438.03	58.76	27.36	83.91	-146.00	-358.59	3,351.03	3,279.51	71.52	46.853		
9,600.00	7,780.00	7,450.00	7,438.03	58.91	27.36	83.91	-146.00	-358.59	3,378.81	3,305.93	72.89	46.357		
9,700.00	7,780.00	7,434.97	7,423.56	59.15	27.29	83.65	-145.67	-354.56	3,409.21	3,335.09	74.12	45.994		
9,800.00	7,780.00	7,426.75	7,415.60	59.53	27.26	83.51	-145.48	-352.52	3,442.19	3,366.77	75.42	45.638		
9,900.00	7,780.00	7,419.38	7,408.44	60.09	27.23	83.39	-145.32	-350.78	3,477.68	3,400.95	76.73	45.325		
10,000.00	7,780.00	7,400.00	7,389.51	60.91	27.14	83.05	-144.88	-346.66	3,515.69	3,437.78	77.91	45.124		
10,100.00	7,780.00	7,400.00	7,389.51	62.01	27.14	83.05	-144.88	-346.66	3,555.94	3,476.69	79.25	44.872		
10,200.00	7,780.00	7,400.00	7,389.51	63.39	27.14	83.05	-144.88	-346.66	3,598.51	3,517.96	80.55	44.672		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 4AH - 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		
10,300.00	7,780.00	7,400.00	7,389.51	65.02	27.14	83.05	-144.88	-346.66	3,643.34	3,561.51	81.83	44.524		
10,400.00	7,780.00	7,400.00	7,389.51	66.83	27.14	83.05	-144.88	-346.66	3,690.32	3,607.26	83.07	44.424		
10,500.00	7,780.00	7,400.00	7,389.51	68.78	27.14	83.05	-144.88	-346.66	3,739.40	3,655.12	84.27	44.372		
10,600.00	7,780.00	7,400.00	7,389.51	70.83	27.14	83.05	-144.88	-346.66	3,790.47	3,705.04	85.44	44.365		
10,700.00	7,780.00	7,379.91	7,369.75	72.95	27.06	82.70	-144.43	-343.07	3,843.23	3,756.81	86.42	44.473		
10,800.00	7,780.00	7,376.56	7,366.44	75.14	27.05	82.65	-144.35	-342.54	3,897.98	3,810.50	87.48	44.559		
10,900.00	7,780.00	7,373.43	7,363.35	77.37	27.03	82.59	-144.28	-342.06	3,954.49	3,865.98	88.50	44.681		
11,000.00	7,780.00	7,370.52	7,360.47	79.65	27.02	82.54	-144.22	-341.63	4,012.68	3,923.19	89.49	44.839		
11,100.00	7,780.00	7,350.00	7,340.13	81.96	26.94	82.18	-143.75	-339.01	4,072.70	3,982.38	90.32	45.094		
11,200.00	7,780.00	7,350.00	7,340.13	84.29	26.94	82.18	-143.75	-339.01	4,134.00	4,042.75	91.25	45.306		
11,300.00	7,780.00	7,350.00	7,340.13	86.65	26.94	82.18	-143.75	-339.01	4,196.78	4,104.65	92.14	45.550		
11,400.00	7,780.00	7,350.00	7,340.13	89.04	26.94	82.18	-143.75	-339.01	4,260.99	4,168.00	92.99	45.823		
11,500.00	7,780.00	7,350.00	7,340.13	91.44	26.94	82.18	-143.75	-339.01	4,326.56	4,232.76	93.80	46.123		
11,600.00	7,780.00	7,350.00	7,340.13	93.86	26.94	82.18	-143.75	-339.01	4,393.43	4,298.84	94.58	46.450		
11,700.00	7,780.00	7,350.00	7,340.13	96.30	26.94	82.18	-143.75	-339.01	4,461.53	4,366.20	95.33	46.801		
11,800.00	7,780.00	7,350.00	7,340.13	98.75	26.94	82.18	-143.75	-339.01	4,530.82	4,434.78	96.04	47.176		
11,900.00	7,780.00	7,350.00	7,340.13	101.22	26.94	82.18	-143.75	-339.01	4,601.24	4,504.52	96.72	47.573		
12,000.00	7,780.00	7,350.00	7,340.13	103.69	26.94	82.18	-143.75	-339.01	4,672.74	4,575.37	97.37	47.990		
12,100.00	7,780.00	7,350.00	7,340.13	106.18	26.94	82.18	-143.75	-339.01	4,745.26	4,647.27	97.99	48.427		
12,200.00	7,780.00	7,350.00	7,340.13	108.68	26.94	82.18	-143.75	-339.01	4,818.78	4,720.19	98.58	48.882		
12,300.00	7,780.00	7,350.00	7,340.13	111.19	26.94	82.18	-143.75	-339.01	4,893.23	4,794.08	99.15	49.354		
12,400.00	7,780.00	7,350.00	7,340.13	113.70	26.94	82.18	-143.75	-339.01	4,968.57	4,868.89	99.68	49.843		
12,500.00	7,780.00	7,350.00	7,340.13	116.23	26.94	82.18	-143.75	-339.01	5,044.78	4,944.58	100.20	50.347		
12,600.00	7,780.00	7,350.00	7,340.13	118.76	26.94	82.18	-143.75	-339.01	5,121.80	5,021.11	100.69	50.867		
12,700.00	7,780.00	7,350.00	7,340.13	121.30	26.94	82.18	-143.75	-339.01	5,199.61	5,098.45	101.16	51.399		
12,800.00	7,780.00	7,350.00	7,340.13	123.84	26.94	82.18	-143.75	-339.01	5,278.16	5,176.55	101.61	51.946		
12,900.00	7,780.00	7,350.00	7,340.13	126.39	26.94	82.18	-143.75	-339.01	5,357.43	5,255.39	102.04	52.504		
13,000.00	7,780.00	7,350.00	7,340.13	128.95	26.94	82.18	-143.75	-339.01	5,437.38	5,334.94	102.45	53.074		
13,100.00	7,780.00	7,350.00	7,340.13	131.51	26.94	82.18	-143.75	-339.01	5,517.99	5,415.15	102.84	53.656		
13,200.00	7,780.00	7,350.00	7,340.13	134.08	26.94	82.18	-143.75	-339.01	5,599.22	5,496.01	103.22	54.248		
13,300.00	7,780.00	7,333.96	7,324.17	136.65	26.88	81.90	-143.38	-337.47	5,680.84	5,577.35	103.49	54.890		
13,400.00	7,780.00	7,333.09	7,323.29	139.23	26.88	81.89	-143.36	-337.40	5,763.22	5,659.39	103.83	55.504		
13,500.00	7,780.00	7,332.24	7,322.45	141.81	26.87	81.87	-143.34	-337.33	5,846.15	5,741.99	104.16	56.126		
13,600.00	7,780.00	7,331.42	7,321.63	144.40	26.87	81.86	-143.33	-337.27	5,929.60	5,825.13	104.47	56.758		
13,700.00	7,780.00	7,330.63	7,320.85	146.99	26.87	81.85	-143.31	-337.21	6,013.56	5,908.79	104.77	57.397		
13,800.00	7,780.00	7,329.87	7,320.09	149.58	26.86	81.83	-143.29	-337.15	6,098.00	5,992.94	105.06	58.044		
13,900.00	7,780.00	7,313.93	7,304.18	152.17	26.80	81.55	-142.93	-336.18	6,183.10	6,077.84	105.26	58.742		
14,000.00	7,780.00	7,313.93	7,304.18	154.77	26.80	81.55	-142.93	-336.18	6,268.43	6,162.90	105.53	59.401		
14,100.00	7,780.00	7,313.93	7,304.18	157.38	26.80	81.55	-142.93	-336.18	6,354.19	6,248.40	105.79	60.067		
14,200.00	7,780.00	7,313.93	7,304.18	159.98	26.80	81.55	-142.93	-336.18	6,440.36	6,334.32	106.03	60.739		
14,300.00	7,780.00	7,313.93	7,304.18	162.59	26.80	81.55	-142.93	-336.18	6,526.92	6,420.65	106.27	61.418		
14,400.00	7,780.00	7,313.93	7,304.18	165.20	26.80	81.55	-142.93	-336.18	6,613.86	6,507.36	106.50	62.102		
14,500.00	7,780.00	7,313.93	7,304.18	167.81	26.80	81.55	-142.93	-336.18	6,701.17	6,594.45	106.72	62.792		
14,600.00	7,780.00	7,313.93	7,304.18	170.43	26.80	81.55	-142.93	-336.18	6,788.83	6,681.90	106.93	63.487		
14,700.00	7,780.00	7,313.93	7,304.18	173.05	26.80	81.55	-142.93	-336.18	6,876.82	6,769.69	107.14	64.187		
14,800.00	7,780.00	7,313.93	7,304.18	175.67	26.80	81.55	-142.93	-336.18	6,965.14	6,857.81	107.33	64.893		
14,900.00	7,780.00	7,313.93	7,304.18	178.29	26.80	81.55	-142.93	-336.18	7,053.77	6,946.25	107.52	65.602		
15,000.00	7,780.00	7,313.93	7,304.18	180.92	26.80	81.55	-142.93	-336.18	7,142.70	7,034.99	107.71	66.316		
15,100.00	7,780.00	7,313.93	7,304.18	183.54	26.80	81.55	-142.93	-336.18	7,231.92	7,124.04	107.88	67.035		
15,200.00	7,780.00	7,313.93	7,304.18	186.17	26.80	81.55	-142.93	-336.18	7,321.42	7,213.37	108.05	67.757		
15,300.00	7,780.00	7,313.93	7,304.18	188.80	26.80	81.55	-142.93	-336.18	7,411.19	7,302.97	108.22	68.483		
15,400.00	7,780.00	7,313.93	7,304.18	191.43	26.80	81.55	-142.93	-336.18	7,501.21	7,392.83	108.38	69.213		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 4AH - 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	
15,500.00	7,780.00	7,313.93	7,304.18	194.07	26.80	81.55	-142.93	-336.18	7,591.49	7,482.95	108.53	69.946	
15,600.00	7,780.00	7,313.93	7,304.18	196.70	26.80	81.55	-142.93	-336.18	7,682.00	7,573.32	108.68	70.683	
15,700.00	7,780.00	7,313.93	7,304.18	199.34	26.80	81.55	-142.93	-336.18	7,772.75	7,663.93	108.83	71.423	
15,800.00	7,780.00	7,313.93	7,304.18	201.98	26.80	81.55	-142.93	-336.18	7,863.73	7,754.76	108.97	72.165	
15,900.00	7,780.00	7,313.93	7,304.18	204.62	26.80	81.55	-142.93	-336.18	7,954.92	7,845.81	109.10	72.911	
16,000.00	7,780.00	7,313.93	7,304.18	207.26	26.80	81.55	-142.93	-336.18	8,046.32	7,937.08	109.24	73.660	
16,100.00	7,780.00	7,313.93	7,304.18	209.90	26.80	81.55	-142.93	-336.18	8,137.92	8,028.55	109.36	74.411	
16,200.00	7,780.00	7,313.93	7,304.18	212.54	26.80	81.55	-142.93	-336.18	8,229.71	8,120.23	109.49	75.165	
16,300.00	7,780.00	7,313.93	7,304.18	215.19	26.80	81.55	-142.93	-336.18	8,321.70	8,212.09	109.61	75.921	
16,400.00	7,780.00	7,313.93	7,304.18	217.83	26.80	81.55	-142.93	-336.18	8,413.87	8,304.14	109.73	76.679	
16,500.00	7,780.00	7,313.93	7,304.18	220.48	26.80	81.55	-142.93	-336.18	8,506.22	8,396.37	109.84	77.440	
16,600.00	7,780.00	7,313.93	7,304.18	223.13	26.80	81.55	-142.93	-336.18	8,598.73	8,488.78	109.95	78.203	
16,700.00	7,780.00	7,313.93	7,304.18	225.78	26.80	81.55	-142.93	-336.18	8,691.42	8,581.35	110.06	78.968	
16,800.00	7,780.00	7,313.93	7,304.18	228.43	26.80	81.55	-142.93	-336.18	8,784.26	8,674.09	110.17	79.735	
16,900.00	7,780.00	7,313.93	7,304.18	231.08	26.80	81.55	-142.93	-336.18	8,877.26	8,766.99	110.27	80.503	
17,000.00	7,780.00	7,313.93	7,304.18	233.73	26.80	81.55	-142.93	-336.18	8,970.41	8,860.03	110.37	81.274	
17,100.00	7,780.00	7,313.93	7,304.18	236.38	26.80	81.55	-142.93	-336.18	9,063.70	8,953.23	110.47	82.046	
17,200.00	7,780.00	7,313.46	7,303.71	239.04	26.80	81.54	-142.92	-336.16	9,157.14	9,046.57	110.57	82.821	
17,300.00	7,780.00	7,308.74	7,299.00	241.69	26.78	81.46	-142.81	-335.94	9,250.71	9,140.07	110.64	83.610	
17,400.00	7,780.00	7,304.03	7,294.29	244.35	26.77	81.38	-142.70	-335.71	9,344.42	9,233.70	110.71	84.401	
17,500.00	7,780.00	7,300.69	7,289.59	247.00	26.75	81.30	-142.59	-335.49	9,438.25	9,327.46	110.79	85.190	
17,600.00	7,780.00	7,294.60	7,284.88	249.66	26.73	81.22	-142.49	-335.27	9,532.20	9,421.35	110.85	85.988	
17,700.00	7,780.00	7,289.88	7,280.17	252.32	26.71	81.13	-142.38	-335.05	9,626.27	9,515.35	110.92	86.784	
17,800.00	7,780.00	7,285.17	7,275.46	254.98	26.70	81.05	-142.27	-334.82	9,720.46	9,609.47	110.99	87.581	
17,900.00	7,780.00	7,280.45	7,270.75	257.64	26.68	80.97	-142.16	-334.60	9,814.76	9,703.71	111.05	88.379	
18,000.00	7,780.00	7,275.74	7,266.04	260.30	26.66	80.89	-142.06	-334.38	9,909.18	9,798.06	111.12	89.178	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 1BH - 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	0.10	0.10	0.00	0.00	-179.20	-20.03	-0.28	20.04					
100.00	100.00	100.10	100.10	0.13	0.13	-179.20	-20.03	-0.28	20.04	19.77	0.27	74.427 CC		
200.00	199.98	200.08	200.08	0.50	0.49	-164.93	-20.03	-0.28	21.72	20.73	0.99	21.959		
300.00	299.84	300.80	300.78	0.86	0.86	-166.76	-18.36	-0.86	25.12	23.40	1.71	14.660		
400.00	399.45	401.65	401.49	1.23	1.22	-167.72	-13.33	-2.59	28.56	26.12	2.44	11.709		
500.00	498.70	502.62	502.06	1.63	1.60	-168.09	-4.94	-5.48	32.02	28.86	3.17	10.108		
600.00	597.47	603.71	602.37	2.05	1.99	-168.04	6.82	-9.53	35.51	31.60	3.90	9.094		
700.00	695.62	704.92	702.31	2.49	2.40	-167.68	21.93	-14.73	39.00	34.35	4.65	8.386		
800.00	793.06	806.24	801.72	2.98	2.85	-167.08	40.39	-21.09	42.50	37.09	5.41	7.857		
900.00	889.64	907.68	900.50	3.50	3.33	-166.31	62.19	-28.60	46.02	39.83	6.18	7.441		
1,000.00	985.27	1,009.23	998.51	4.06	3.85	-165.39	87.31	-37.25	49.55	42.56	6.98	7.097		
1,100.00	1,079.82	1,110.89	1,095.62	4.66	4.41	-164.37	115.73	-47.04	53.09	45.28	7.81	6.795		
1,200.00	1,173.17	1,212.66	1,191.70	5.31	5.03	-163.25	147.43	-57.96	56.66	47.99	8.67	6.535		
1,300.00	1,265.21	1,312.53	1,285.39	6.01	5.66	-162.65	180.15	-69.23	61.88	52.30	9.58	6.458		
1,400.00	1,356.40	1,412.26	1,378.95	6.74	6.30	-162.72	212.81	-80.48	69.16	58.67	10.49	6.590		
1,500.00	1,447.57	1,512.00	1,472.50	7.49	6.94	-162.79	245.48	-91.73	76.48	65.06	11.42	6.699		
1,600.00	1,538.75	1,611.73	1,566.06	8.24	7.60	-162.84	278.15	-102.98	83.79	71.44	12.34	6.788		
1,700.00	1,629.92	1,711.46	1,659.62	8.99	8.26	-162.89	310.81	-114.23	91.10	77.82	13.28	6.861		
1,800.00	1,721.09	1,811.19	1,753.17	9.75	8.92	-162.92	343.48	-125.49	98.41	84.20	14.21	6.923		
1,900.00	1,812.27	1,910.92	1,846.73	10.51	9.58	-162.96	376.15	-136.74	105.72	90.57	15.16	6.975		
2,000.00	1,903.44	2,010.66	1,940.28	11.28	10.25	-162.99	408.81	-147.99	113.03	96.93	16.10	7.020		
2,100.00	1,994.61	2,110.39	2,033.84	12.04	10.92	-163.01	441.48	-159.24	120.35	103.30	17.05	7.059		
2,200.00	2,085.78	2,210.12	2,127.40	12.81	11.59	-163.03	474.15	-170.49	127.66	109.66	18.00	7.093		
2,300.00	2,176.96	2,309.85	2,220.95	13.58	12.26	-163.05	506.81	-181.74	134.97	116.02	18.95	7.123		
2,400.00	2,268.13	2,409.59	2,314.51	14.35	12.93	-163.07	539.48	-192.99	142.28	122.38	19.90	7.150		
2,500.00	2,359.30	2,509.32	2,408.07	15.12	13.61	-163.09	572.15	-204.25	149.59	128.74	20.85	7.174		
2,600.00	2,450.48	2,609.05	2,501.62	15.89	14.28	-163.10	604.81	-215.50	156.90	135.10	21.81	7.195		
2,700.00	2,541.65	2,708.78	2,595.18	16.67	14.95	-163.12	637.48	-226.75	164.22	141.45	22.76	7.214		
2,800.00	2,632.82	2,808.52	2,688.74	17.44	15.63	-163.13	670.15	-238.00	171.53	147.81	23.72	7.231		
2,900.00	2,724.00	2,908.25	2,782.29	18.21	16.31	-163.14	702.81	-249.25	178.84	154.16	24.68	7.247		
3,000.00	2,815.17	3,007.98	2,875.85	18.99	16.98	-163.15	735.48	-260.50	186.15	160.52	25.64	7.261		
3,100.00	2,906.34	3,107.71	2,969.41	19.76	17.66	-163.16	768.15	-271.75	193.46	166.87	26.59	7.275		
3,200.00	2,997.52	3,207.44	3,062.96	20.54	18.34	-163.17	800.81	-283.00	200.78	173.22	27.55	7.287		
3,300.00	3,088.69	3,307.18	3,156.52	21.31	19.01	-163.18	833.48	-294.26	208.09	179.57	28.51	7.298		
3,400.00	3,179.86	3,406.91	3,250.08	22.09	19.69	-163.18	866.15	-305.51	215.40	185.93	29.47	7.308		
3,500.00	3,271.04	3,506.64	3,343.63	22.86	20.37	-163.19	898.81	-316.76	222.71	192.28	30.43	7.318		
3,600.00	3,362.21	3,606.37	3,437.19	23.64	21.05	-163.20	931.48	-328.01	230.02	198.63	31.40	7.327		
3,700.00	3,453.38	3,706.11	3,530.75	24.42	21.72	-163.21	964.15	-339.26	237.34	204.98	32.36	7.335		
3,800.00	3,544.56	3,805.84	3,624.30	25.19	22.40	-163.21	996.81	-350.51	244.65	211.33	33.32	7.343		
3,900.00	3,635.73	3,905.57	3,717.86	25.97	23.08	-163.22	1,029.48	-361.76	251.96	217.68	34.28	7.350		
4,000.00	3,726.90	4,005.30	3,811.42	26.75	23.76	-163.22	1,062.15	-373.02	259.27	224.03	35.24	7.357		
4,100.00	3,818.08	4,105.04	3,904.97	27.53	24.44	-163.23	1,094.81	-384.27	266.58	230.38	36.20	7.363		
4,200.00	3,909.25	4,204.77	3,998.53	28.30	25.12	-163.23	1,127.48	-395.52	273.89	236.73	37.17	7.369		
4,300.00	4,000.42	4,304.50	4,092.09	29.08	25.80	-163.24	1,160.15	-406.77	281.21	243.08	38.13	7.375		
4,400.00	4,091.60	4,404.23	4,185.64	29.86	26.48	-163.24	1,192.81	-418.02	288.52	249.43	39.09	7.380		
4,500.00	4,182.77	4,503.96	4,279.20	30.64	27.16	-163.24	1,225.48	-429.27	295.83	255.77	40.06	7.385		
4,600.00	4,273.94	4,603.70	4,372.76	31.41	27.84	-163.25	1,258.15	-440.52	303.14	262.12	41.02	7.390		
4,700.00	4,365.12	4,703.43	4,466.31	32.19	28.52	-163.25	1,290.81	-451.77	310.45	268.47	41.98	7.395		
4,800.00	4,456.29	4,803.16	4,559.87	32.97	29.20	-163.26	1,323.48	-463.03	317.77	274.82	42.95	7.399		
4,900.00	4,547.46	4,902.89	4,653.43	33.75	29.88	-163.26	1,356.15	-474.28	325.08	281.17	43.91	7.403		
5,000.00	4,638.63	5,002.63	4,746.98	34.52	30.56	-163.26	1,388.81	-485.53	332.39	287.52	44.87	7.407		
5,100.00	4,729.81	5,102.36	4,840.54	35.30	31.24	-163.27	1,421.48	-496.78	339.70	293.86	45.84	7.411		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 1BH - 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	4,820.98	5,202.09	4,934.10	36.08	31.92	-163.27	1,454.15	-508.03	347.01	300.21	46.80	7.414		
5,300.00	4,912.15	5,301.82	5,027.65	36.86	32.60	-163.27	1,486.81	-519.28	354.33	306.56	47.77	7.418		
5,400.00	5,003.33	5,401.56	5,121.21	37.64	33.28	-163.27	1,519.48	-530.53	361.64	312.91	48.73	7.421		
5,500.00	5,094.50	5,501.29	5,214.76	38.42	33.96	-163.28	1,552.15	-541.79	368.95	319.25	49.70	7.424		
5,600.00	5,185.67	5,601.02	5,308.32	39.19	34.64	-163.28	1,584.81	-553.04	376.26	325.60	50.66	7.427		
5,700.00	5,276.85	5,700.75	5,401.88	39.97	35.32	-163.28	1,617.48	-564.29	383.57	331.95	51.62	7.430		
5,800.00	5,368.02	5,800.49	5,495.43	40.75	36.00	-163.28	1,650.15	-575.54	390.89	338.30	52.59	7.433		
5,900.00	5,459.19	5,900.22	5,588.99	41.53	36.68	-163.29	1,682.81	-586.79	398.20	344.64	53.55	7.435		
6,000.00	5,550.37	5,999.95	5,682.55	42.31	37.36	-163.29	1,715.48	-598.04	405.51	350.99	54.52	7.438		
6,100.00	5,641.54	6,099.68	5,776.10	43.09	38.04	-163.29	1,748.15	-609.29	412.82	357.34	55.48	7.440		
6,200.00	5,732.71	6,200.59	5,869.66	43.87	38.73	-163.29	1,780.81	-620.54	420.13	363.68	56.45	7.442		
6,300.00	5,823.89	6,300.85	5,963.22	44.64	39.41	-163.29	1,813.48	-631.80	427.45	370.02	57.42	7.444		
6,400.00	5,915.06	6,398.88	6,056.77	45.42	40.08	-163.30	1,846.15	-643.05	434.76	376.38	58.38	7.447		
6,500.00	6,006.23	6,498.61	6,150.33	46.20	40.76	-163.30	1,878.81	-654.30	442.07	382.73	59.34	7.449		
6,600.00	6,097.41	6,598.34	6,243.89	46.98	41.44	-163.30	1,911.48	-665.55	449.38	389.07	60.31	7.451		
6,700.00	6,188.58	6,698.08	6,337.44	47.76	42.12	-163.30	1,944.15	-676.80	456.69	395.42	61.27	7.453		
6,800.00	6,279.75	6,797.81	6,431.00	48.54	42.80	-163.30	1,976.81	-688.05	464.01	401.77	62.24	7.455		
6,900.00	6,370.93	6,902.46	6,524.56	49.32	43.52	-163.30	2,009.48	-699.30	471.32	408.09	63.23	7.454		
7,000.00	6,462.10	7,002.73	6,618.11	50.10	44.20	-163.31	2,042.15	-710.56	478.63	414.43	64.20	7.456		
7,100.00	6,553.27	7,097.01	6,711.67	50.88	44.84	-163.31	2,074.81	-721.81	485.94	420.81	65.14	7.460		
7,200.00	6,644.45	7,203.26	6,805.23	51.65	45.57	-163.31	2,107.48	-733.06	493.25	427.12	66.13	7.459		
7,300.00	6,735.62	7,296.47	6,898.78	52.43	46.21	-163.31	2,140.15	-744.31	500.57	433.50	67.07	7.464		
7,400.00	6,826.79	7,396.20	6,992.34	53.21	46.89	-163.31	2,172.81	-755.56	507.88	439.85	68.03	7.465		
7,500.00	6,917.96	7,495.93	7,085.90	53.99	47.57	-163.31	2,205.48	-766.81	515.19	446.19	69.00	7.467		
7,600.00	7,009.14	7,604.33	7,179.45	54.77	48.31	-163.31	2,238.15	-778.06	522.50	452.50	70.00	7.464		
7,700.00	7,100.31	7,696.14	7,273.77	55.55	48.93	-163.39	2,271.07	-788.68	529.79	458.90	70.89	7.473		
7,800.00	7,191.48	7,796.43	7,368.33	56.33	49.52	-164.86	2,304.01	-786.23	536.91	465.83	71.07	7.554		
7,900.00	7,283.04	7,891.80	7,456.62	57.06	49.98	170.89	2,334.65	-767.75	544.75	473.93	70.81	7.693		
8,000.00	7,373.73	7,983.89	7,538.02	57.68	50.31	147.51	2,362.81	-735.44	553.50	482.82	70.68	7.831		
8,100.00	7,460.79	8,073.24	7,611.37	58.18	50.55	130.29	2,388.10	-691.31	562.72	492.04	70.68	7.962		
8,200.00	7,541.58	8,160.34	7,675.81	58.56	50.70	118.47	2,410.22	-637.20	571.91	501.11	70.80	8.078		
8,300.00	7,613.66	8,245.61	7,730.73	58.83	50.79	110.33	2,428.96	-574.82	580.62	509.59	71.03	8.174		
8,400.00	7,674.81	8,329.45	7,775.63	59.00	50.82	104.67	2,444.18	-505.77	588.41	516.99	71.43	8.238		
8,500.00	7,723.20	8,412.21	7,810.18	59.08	50.79	100.78	2,455.76	-431.54	594.92	522.87	72.05	8.258		
8,600.00	7,757.34	8,494.21	7,834.11	59.09	50.73	98.28	2,463.62	-353.57	599.84	526.89	72.95	8.223		
8,700.00	7,776.21	8,575.75	7,847.26	59.03	50.63	96.94	2,467.70	-273.28	602.97	528.79	74.18	8.129		
8,800.00	7,780.00	8,662.54	7,850.00	58.92	50.50	96.64	2,468.12	-186.58	604.29	528.68	75.61	7.992		
8,900.00	7,780.00	8,762.54	7,850.00	58.81	50.37	96.63	2,467.50	-86.59	605.19	528.03	77.16	7.843		
9,000.00	7,780.00	8,862.53	7,850.00	58.73	50.25	96.62	2,466.88	13.41	606.09	527.05	79.03	7.669		
9,100.00	7,780.00	8,962.53	7,850.00	58.67	50.17	96.61	2,466.26	113.40	606.99	525.77	81.22	7.474		
9,200.00	7,780.00	9,062.52	7,850.00	58.64	50.12	96.60	2,465.65	213.40	607.89	524.20	83.69	7.264		
9,300.00	7,780.00	9,162.52	7,850.00	58.63	50.10	96.59	2,465.03	313.39	608.78	522.36	86.42	7.044		
9,400.00	7,780.00	9,262.52	7,850.00	58.67	50.15	96.58	2,464.41	413.38	609.68	520.29	89.39	6.820		
9,500.00	7,780.00	9,362.51	7,850.00	58.76	50.31	96.57	2,463.79	513.38	610.58	518.01	92.58	6.596		
9,600.00	7,780.00	9,462.51	7,850.00	58.91	50.66	96.56	2,463.17	613.37	611.48	515.53	95.95	6.373		
9,700.00	7,780.00	9,562.50	7,850.00	59.15	51.34	96.55	2,462.55	713.37	612.38	512.87	99.51	6.154		
9,800.00	7,780.00	9,662.50	7,850.00	59.53	52.48	96.54	2,461.93	813.36	613.28	510.07	103.21	5.942		
9,900.00	7,780.00	9,762.50	7,850.00	60.09	54.01	96.54	2,461.32	913.35	614.18	507.12	107.06	5.737		
10,000.00	7,780.00	9,862.49	7,850.00	60.91	55.79	96.53	2,460.70	1,013.35	615.08	504.04	111.03	5.539		
10,100.00	7,780.00	9,962.49	7,850.00	62.01	57.73	96.52	2,460.08	1,113.34	615.98	500.86	115.12	5.351		
10,200.00	7,780.00	10,062.48	7,850.00	63.39	59.77	96.51	2,459.46	1,213.34	616.88	497.57	119.31	5.170		
10,300.00	7,780.00	10,162.48	7,850.00	65.02	61.88	96.50	2,458.84	1,313.33	617.77	494.19	123.58	4.999		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 1BH - 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	7,780.00	10,262.47	7,850.00	66.83	64.05	96.49	2,458.22	1,413.32	618.67	490.73	127.94	4.836		
10,500.00	7,780.00	10,362.47	7,850.00	68.78	66.27	96.48	2,457.60	1,513.32	619.57	487.20	132.37	4.680		
10,600.00	7,780.00	10,462.47	7,850.00	70.83	68.52	96.47	2,456.99	1,613.31	620.47	483.60	136.87	4.533		
10,700.00	7,780.00	10,562.46	7,850.00	72.95	70.81	96.46	2,456.37	1,713.31	621.37	479.94	141.43	4.393		
10,800.00	7,780.00	10,662.46	7,850.00	75.14	73.13	96.45	2,455.75	1,813.30	622.27	476.23	146.04	4.261		
10,900.00	7,780.00	10,762.45	7,850.00	77.37	75.47	96.44	2,455.13	1,913.29	623.17	472.46	150.71	4.135		
11,000.00	7,780.00	10,862.45	7,850.00	79.65	77.84	96.43	2,454.51	2,013.29	624.07	468.65	155.41	4.016		
11,100.00	7,780.00	10,962.45	7,850.00	81.96	80.23	96.42	2,453.89	2,113.28	624.97	464.81	160.16	3.902		
11,200.00	7,780.00	11,062.44	7,850.00	84.29	82.63	96.41	2,453.27	2,213.28	625.87	460.92	164.95	3.794		
11,300.00	7,780.00	11,162.44	7,850.00	86.65	85.06	96.40	2,452.66	2,313.27	626.77	457.00	169.77	3.692		
11,400.00	7,780.00	11,262.43	7,850.00	89.04	87.50	96.39	2,452.04	2,413.26	627.67	453.04	174.62	3.594		
11,500.00	7,780.00	11,362.43	7,850.00	91.44	89.95	96.39	2,451.42	2,513.26	628.56	449.06	179.50	3.502		
11,600.00	7,780.00	11,462.43	7,850.00	93.86	92.42	96.38	2,450.80	2,613.25	629.46	445.05	184.41	3.413		
11,700.00	7,780.00	11,562.42	7,850.00	96.30	94.90	96.37	2,450.18	2,713.25	630.36	441.02	189.34	3.329		
11,800.00	7,780.00	11,662.42	7,850.00	98.75	97.39	96.36	2,449.56	2,813.24	631.26	436.97	194.30	3.249		
11,900.00	7,780.00	11,762.41	7,850.00	101.22	99.89	96.35	2,448.94	2,913.23	632.16	432.89	199.27	3.172		
12,000.00	7,780.00	11,862.41	7,850.00	103.69	102.40	96.34	2,448.33	3,013.23	633.06	428.79	204.27	3.099		
12,100.00	7,780.00	11,962.41	7,850.00	106.18	104.92	96.33	2,447.71	3,113.22	633.96	424.68	209.28	3.029		
12,200.00	7,780.00	12,062.40	7,850.00	108.68	107.45	96.32	2,447.09	3,213.22	634.86	420.55	214.31	2.962		
12,300.00	7,780.00	12,162.40	7,850.00	111.19	109.98	96.31	2,446.47	3,313.21	635.76	416.40	219.36	2.898		
12,400.00	7,780.00	12,262.39	7,850.00	113.70	112.53	96.30	2,445.85	3,413.20	636.66	412.24	224.42	2.837		
12,500.00	7,780.00	12,362.39	7,850.00	116.23	115.08	96.29	2,445.23	3,513.20	637.56	408.06	229.50	2.778		
12,600.00	7,780.00	12,462.38	7,850.00	118.76	117.63	96.29	2,444.61	3,613.19	638.46	403.87	234.59	2.722		
12,700.00	7,780.00	12,562.38	7,850.00	121.30	120.19	96.28	2,444.00	3,713.19	639.36	399.67	239.69	2.667		
12,800.00	7,780.00	12,662.38	7,850.00	123.84	122.76	96.27	2,443.38	3,813.18	640.26	395.46	244.80	2.615		
12,900.00	7,780.00	12,762.37	7,850.00	126.39	125.33	96.26	2,442.76	3,913.17	641.16	391.24	249.92	2.565		
13,000.00	7,780.00	12,862.37	7,850.00	128.95	127.91	96.25	2,442.14	4,013.17	642.06	387.00	255.05	2.517		
13,100.00	7,780.00	12,962.36	7,850.00	131.51	130.49	96.24	2,441.52	4,113.16	642.95	382.76	260.19	2.471		
13,200.00	7,780.00	13,062.36	7,850.00	134.08	133.08	96.23	2,440.90	4,213.16	643.85	378.51	265.34	2.427		
13,300.00	7,780.00	13,162.36	7,850.00	136.65	135.67	96.22	2,440.28	4,313.15	644.75	374.25	270.50	2.384		
13,400.00	7,780.00	13,262.35	7,850.00	139.23	138.26	96.22	2,439.67	4,413.14	645.65	369.99	275.67	2.342		
13,500.00	7,780.00	13,362.35	7,850.00	141.81	140.86	96.21	2,439.05	4,513.14	646.55	365.71	280.84	2.302		
13,600.00	7,780.00	13,462.34	7,850.00	144.40	143.46	96.20	2,438.43	4,613.13	647.45	361.43	286.02	2.264		
13,700.00	7,780.00	13,562.34	7,850.00	146.99	146.06	96.19	2,437.81	4,713.13	648.35	357.14	291.21	2.226		
13,800.00	7,780.00	13,662.34	7,850.00	149.58	148.67	96.18	2,437.19	4,813.12	649.25	352.85	296.41	2.190		
13,900.00	7,780.00	13,762.33	7,850.00	152.17	151.28	96.17	2,436.57	4,913.11	650.15	348.55	301.61	2.156		
14,000.00	7,780.00	13,862.33	7,850.00	154.77	153.90	96.16	2,435.95	5,013.11	651.05	344.24	306.81	2.122		
14,100.00	7,780.00	13,962.32	7,850.00	157.38	156.51	96.16	2,435.34	5,113.10	651.95	339.93	312.02	2.089		
14,200.00	7,780.00	14,062.32	7,850.00	159.98	159.13	96.15	2,434.72	5,213.10	652.85	335.61	317.24	2.058		
14,300.00	7,780.00	14,162.31	7,850.00	162.59	161.75	96.14	2,434.10	5,313.09	653.75	331.29	322.46	2.027		
14,400.00	7,780.00	14,262.31	7,850.00	165.20	164.38	96.13	2,433.48	5,413.08	654.65	326.96	327.69	1.998		
14,500.00	7,780.00	14,362.31	7,850.00	167.81	167.00	96.12	2,432.86	5,513.08	655.55	322.63	332.92	1.969		
14,600.00	7,780.00	14,462.30	7,850.00	170.43	169.63	96.11	2,432.24	5,613.07	656.45	318.30	338.15	1.941		
14,700.00	7,780.00	14,562.30	7,850.00	173.05	172.26	96.10	2,431.62	5,713.07	657.35	313.96	343.39	1.914		
14,800.00	7,780.00	14,662.29	7,850.00	175.67	174.89	96.10	2,431.01	5,813.06	658.25	309.61	348.64	1.888		
14,900.00	7,780.00	14,762.29	7,850.00	178.29	177.52	96.09	2,430.39	5,913.05	659.15	305.27	353.88	1.863		
15,000.00	7,780.00	14,862.29	7,850.00	180.92	180.16	96.08	2,429.77	6,013.05	660.05	300.91	359.13	1.838		
15,100.00	7,780.00	14,962.28	7,850.00	183.54	182.80	96.07	2,429.15	6,113.04	660.95	296.56	364.39	1.814		
15,200.00	7,780.00	15,062.28	7,850.00	186.17	185.43	96.06	2,428.53	6,213.04	661.85	292.20	369.65	1.790		
15,300.00	7,780.00	15,162.27	7,850.00	188.80	188.07	96.05	2,427.91	6,313.03	662.75	287.84	374.91	1.768		
15,400.00	7,780.00	15,262.27	7,850.00	191.43	190.72	96.05	2,427.29	6,413.02	663.65	283.48	380.17	1.746		
15,500.00	7,780.00	15,362.27	7,850.00	194.07	193.36	96.04	2,426.68	6,513.02	664.55	279.11	385.44	1.724		

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 PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 1BH - 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	7,780.00	15,462.26	7,850.00	196.70	196.00	96.03	2,426.06	6,613.01	665.45	274.74	390.71	1.703		
15,700.00	7,780.00	15,562.26	7,850.00	199.34	198.65	96.02	2,425.44	6,713.01	666.35	270.37	395.98	1.683		
15,800.00	7,780.00	15,662.25	7,850.00	201.98	201.30	96.01	2,424.82	6,813.00	667.25	266.00	401.25	1.663		
15,900.00	7,780.00	15,762.25	7,850.00	204.62	203.94	96.01	2,424.20	6,912.99	668.15	261.62	406.53	1.644		
16,000.00	7,780.00	15,862.25	7,850.00	207.26	206.59	96.00	2,423.58	7,012.99	669.05	257.24	411.81	1.625		
16,100.00	7,780.00	15,962.24	7,850.00	209.90	209.24	95.99	2,422.96	7,112.98	669.95	252.86	417.09	1.606		
16,200.00	7,780.00	16,062.24	7,850.00	212.54	211.90	95.98	2,422.35	7,212.98	670.85	248.47	422.37	1.588		
16,300.00	7,780.00	16,162.23	7,850.00	215.19	214.55	95.97	2,421.73	7,312.97	671.75	244.09	427.66	1.571		
16,400.00	7,780.00	16,262.23	7,850.00	217.83	217.20	95.97	2,421.11	7,412.96	672.65	239.70	432.95	1.554		
16,500.00	7,780.00	16,362.22	7,850.00	220.48	219.86	95.96	2,420.49	7,512.96	673.55	235.31	438.24	1.537		
16,600.00	7,780.00	16,462.22	7,850.00	223.13	222.51	95.95	2,419.87	7,612.95	674.45	230.92	443.53	1.521		
16,700.00	7,780.00	16,562.22	7,850.00	225.78	225.17	95.94	2,419.25	7,712.95	675.35	226.52	448.83	1.505		
16,800.00	7,780.00	16,662.21	7,850.00	228.43	227.83	95.93	2,418.63	7,812.94	676.25	222.12	454.12	1.489 Level 3		
16,900.00	7,780.00	16,762.21	7,850.00	231.08	230.48	95.93	2,418.02	7,912.93	677.15	217.73	459.42	1.474 Level 3		
17,000.00	7,780.00	16,862.20	7,850.00	233.73	233.14	95.92	2,417.40	8,012.93	678.05	213.33	464.72	1.459 Level 3		
17,100.00	7,780.00	16,962.20	7,850.00	236.38	235.80	95.91	2,416.78	8,112.92	678.95	208.93	470.02	1.445 Level 3		
17,200.00	7,780.00	17,062.20	7,850.00	239.04	238.46	95.90	2,416.16	8,212.92	679.85	204.52	475.32	1.430 Level 3		
17,300.00	7,780.00	17,162.19	7,850.00	241.69	241.13	95.89	2,415.54	8,312.91	680.75	200.12	480.63	1.416 Level 3		
17,400.00	7,780.00	17,262.19	7,850.00	244.35	243.79	95.89	2,414.92	8,412.90	681.65	195.71	485.93	1.403 Level 3		
17,500.00	7,780.00	17,362.18	7,850.00	247.00	246.45	95.88	2,414.30	8,512.90	682.55	191.31	491.24	1.389 Level 3		
17,600.00	7,780.00	17,462.18	7,850.00	249.66	249.11	95.87	2,413.69	8,612.89	683.45	186.90	496.55	1.376 Level 3		
17,700.00	7,780.00	17,562.18	7,850.00	252.32	251.78	95.86	2,413.07	8,712.89	684.35	182.49	501.86	1.364 Level 3		
17,800.00	7,780.00	17,662.17	7,850.00	254.98	254.44	95.85	2,412.45	8,812.88	685.25	178.08	507.17	1.351 Level 3		
17,900.00	7,780.00	17,762.17	7,850.00	257.64	257.11	95.85	2,411.83	8,912.87	686.15	173.66	512.48	1.339 Level 3		
18,000.00	7,780.00	17,862.16	7,850.00	260.30	259.77	95.84	2,411.21	9,012.87	687.05	169.25	517.80	1.327 Level 3		
18,100.00	7,780.00	17,962.16	7,850.00	262.96	262.44	95.83	2,410.59	9,112.86	687.95	164.84	523.11	1.315 Level 3		
18,200.00	7,780.00	18,062.16	7,850.00	265.62	265.11	95.82	2,409.97	9,212.86	688.85	160.42	528.43	1.304 Level 3		
18,300.00	7,780.00	18,162.15	7,850.00	268.28	267.78	95.82	2,409.36	9,312.85	689.75	156.00	533.75	1.292 Level 3		
18,400.00	7,780.00	18,262.15	7,850.00	270.94	270.44	95.81	2,408.74	9,412.84	690.65	151.58	539.07	1.281 Level 3		
18,500.00	7,780.00	18,362.14	7,850.00	273.61	273.11	95.80	2,408.12	9,512.84	691.55	147.16	544.39	1.270 Level 3		
18,600.00	7,780.00	18,462.14	7,850.00	276.27	275.78	95.79	2,407.50	9,612.83	692.45	142.74	549.71	1.260 Level 3		
18,700.00	7,780.00	18,562.13	7,850.00	278.93	278.45	95.79	2,406.88	9,712.83	693.35	138.32	555.03	1.249 Level 2		
18,800.00	7,780.00	18,662.13	7,850.00	281.60	281.12	95.78	2,406.26	9,812.82	694.25	133.90	560.35	1.239 Level 2		
18,900.00	7,780.00	18,762.13	7,850.00	284.26	283.79	95.77	2,405.64	9,912.81	695.15	129.48	565.67	1.229 Level 2		
19,000.00	7,780.00	18,862.12	7,850.00	286.93	286.46	95.76	2,405.03	10,012.81	696.05	125.05	571.00	1.219 Level 2		
19,100.00	7,780.00	18,962.12	7,850.00	289.60	289.13	95.76	2,404.41	10,112.80	696.95	120.63	576.33	1.209 Level 2		
19,200.00	7,780.00	19,062.11	7,850.00	292.26	291.81	95.75	2,403.79	10,212.80	697.85	116.20	581.65	1.200 Level 2		
19,300.00	7,780.00	19,162.11	7,850.00	294.93	294.48	95.74	2,403.17	10,312.79	698.75	111.77	586.98	1.190 Level 2		
19,400.00	7,780.00	19,262.11	7,850.00	297.60	297.15	95.73	2,402.55	10,412.78	699.65	107.34	592.31	1.181 Level 2		
19,500.00	7,780.00	19,362.10	7,850.00	300.27	299.82	95.73	2,401.93	10,512.78	700.55	102.92	597.64	1.172 Level 2		
19,600.00	7,780.00	19,462.10	7,850.00	302.94	302.50	95.72	2,401.31	10,612.77	701.45	98.49	602.97	1.163 Level 2		
19,700.00	7,780.00	19,562.09	7,850.00	305.60	305.17	95.71	2,400.70	10,712.77	702.35	94.06	608.30	1.155 Level 2		
19,800.00	7,780.00	19,662.09	7,850.00	308.27	307.85	95.70	2,400.08	10,812.76	703.25	89.62	613.63	1.146 Level 2		
19,900.00	7,780.00	19,762.09	7,850.00	310.94	310.52	95.70	2,399.46	10,912.75	704.15	85.19	618.96	1.138 Level 2		
20,000.00	7,780.00	19,862.08	7,850.00	313.61	313.20	95.69	2,398.84	11,012.75	705.05	80.76	624.29	1.129 Level 2		
20,100.00	7,780.00	19,962.08	7,850.00	316.28	315.87	95.68	2,398.22	11,112.74	705.96	76.33	629.63	1.121 Level 2		
20,200.00	7,780.00	20,062.07	7,850.00	318.95	318.55	95.68	2,397.60	11,212.74	706.86	71.89	634.96	1.113 Level 2		
20,300.00	7,780.00	20,162.07	7,850.00	321.63	321.22	95.67	2,396.98	11,312.73	707.76	67.46	640.30	1.105 Level 2		
20,400.00	7,780.00	20,262.07	7,850.00	324.30	323.90	95.66	2,396.37	11,412.72	708.66	63.02	645.63	1.098 Level 2		
20,500.00	7,780.00	20,362.06	7,850.00	326.97	326.58	95.65	2,395.75	11,512.72	709.56	58.59	650.97	1.090 Level 2		
20,600.00	7,780.00	20,462.06	7,850.00	329.64	329.25	95.65	2,395.13	11,612.71	710.46	54.15	656.31	1.083 Level 2		
20,700.00	7,780.00	20,562.05	7,850.00	332.32	331.93	95.64	2,394.51	11,712.71	711.36	49.71	661.65	1.075 Level 2		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 1BH - 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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,780.00	20,662.05	7,850.00	334.99	334.61	95.63	2,393.89	11,812.70	712.26	45.27	666.98	1.068	Level 2	
20,900.00	7,780.00	20,762.04	7,850.00	337.66	337.28	95.63	2,393.27	11,912.69	713.16	40.83	672.32	1.061	Level 2	
21,000.00	7,780.00	20,862.04	7,850.00	340.34	339.96	95.62	2,392.65	12,012.69	714.06	36.40	677.66	1.054	Level 2	
21,100.00	7,780.00	20,962.04	7,850.00	343.01	342.64	95.61	2,392.04	12,112.68	714.96	31.96	683.00	1.047	Level 2	
21,200.00	7,780.00	21,062.03	7,850.00	345.68	345.32	95.60	2,391.42	12,212.68	715.86	27.52	688.35	1.040	Level 2	
21,300.00	7,780.00	21,162.03	7,850.00	348.36	348.00	95.60	2,390.80	12,312.67	716.76	23.07	693.69	1.033	Level 2	
21,400.00	7,780.00	21,262.02	7,850.00	351.03	350.68	95.59	2,390.18	12,412.66	717.66	18.63	699.03	1.027	Level 2	
21,500.00	7,780.00	21,362.02	7,850.00	353.71	353.36	95.58	2,389.56	12,512.66	718.56	14.19	704.37	1.020	Level 2	
21,600.00	7,780.00	21,462.02	7,850.00	356.38	356.04	95.58	2,388.94	12,612.65	719.46	9.75	709.71	1.014	Level 2	
21,700.00	7,780.00	21,562.01	7,850.00	359.06	358.71	95.57	2,388.32	12,712.65	720.36	5.31	715.06	1.007	Level 2	
21,800.00	7,780.00	21,662.01	7,850.00	361.73	361.39	95.56	2,387.71	12,812.64	721.26	0.86	720.40	1.001	Level 2	
21,900.00	7,780.00	21,762.00	7,850.00	364.41	364.07	95.55	2,387.09	12,912.63	722.16	-3.58	725.75	0.995	Level 1	
22,000.00	7,780.00	21,862.00	7,850.00	367.09	366.75	95.55	2,386.47	13,012.63	723.07	-8.03	731.09	0.989	Level 1	
22,100.00	7,780.00	21,962.00	7,850.00	369.76	369.44	95.54	2,385.85	13,112.62	723.97	-12.47	736.44	0.983	Level 1	
22,200.00	7,780.00	22,061.99	7,850.00	372.44	372.12	95.53	2,385.23	13,212.62	724.87	-16.92	741.78	0.977	Level 1	
22,300.00	7,780.00	22,161.99	7,850.00	375.12	374.80	95.53	2,384.61	13,312.61	725.77	-21.36	747.13	0.971	Level 1	
22,400.00	7,780.00	22,261.98	7,850.00	377.79	377.48	95.52	2,383.99	13,412.60	726.67	-25.81	752.48	0.966	Level 1	
22,500.00	7,780.00	22,361.98	7,850.00	380.47	380.16	95.51	2,383.38	13,512.60	727.57	-30.26	757.82	0.960	Level 1	
22,600.00	7,780.00	22,461.98	7,850.00	383.15	382.84	95.51	2,382.76	13,612.59	728.47	-34.70	763.17	0.955	Level 1	
22,700.00	7,780.00	22,561.97	7,850.00	385.83	385.52	95.50	2,382.14	13,712.59	729.37	-39.15	768.52	0.949	Level 1	
22,800.00	7,780.00	22,661.97	7,850.00	388.51	388.20	95.49	2,381.52	13,812.58	730.27	-43.60	773.87	0.944	Level 1	
22,900.00	7,780.00	22,761.96	7,850.00	391.18	390.89	95.49	2,380.90	13,912.57	731.17	-48.05	779.22	0.938	Level 1	
23,000.00	7,780.00	22,861.96	7,850.00	393.86	393.57	95.48	2,380.28	14,012.57	732.07	-52.50	784.57	0.933	Level 1	
23,100.00	7,780.00	22,961.95	7,850.00	396.54	396.25	95.47	2,379.66	14,112.56	732.97	-56.95	789.92	0.928	Level 1	
23,200.00	7,780.00	23,061.95	7,850.00	399.22	398.93	95.47	2,379.05	14,212.56	733.87	-61.39	795.27	0.923	Level 1	
23,300.00	7,780.00	23,161.95	7,850.00	401.90	401.62	95.46	2,378.43	14,312.55	734.77	-65.84	800.62	0.918	Level 1	
23,400.00	7,780.00	23,261.94	7,850.00	404.58	404.30	95.45	2,377.81	14,412.54	735.68	-70.30	805.97	0.913	Level 1	
23,500.00	7,780.00	23,361.94	7,850.00	407.26	406.98	95.45	2,377.19	14,512.54	736.58	-74.75	811.32	0.908	Level 1	
23,600.00	7,780.00	23,461.93	7,850.00	409.94	409.67	95.44	2,376.57	14,612.53	737.48	-79.20	816.67	0.903	Level 1	
23,700.00	7,780.00	23,561.93	7,850.00	412.62	412.35	95.43	2,375.95	14,712.53	738.38	-83.65	822.03	0.898	Level 1	
23,800.00	7,780.00	23,661.93	7,850.00	415.30	415.03	95.43	2,375.33	14,812.52	739.28	-88.10	827.38	0.894	Level 1	
23,900.00	7,780.00	23,761.92	7,850.00	417.98	417.72	95.42	2,374.72	14,912.51	740.18	-92.55	832.73	0.889	Level 1	
24,000.00	7,780.00	23,861.92	7,850.00	420.66	420.40	95.41	2,374.10	15,012.51	741.08	-97.00	838.09	0.884	Level 1	
24,100.00	7,780.00	23,961.91	7,850.00	423.34	423.08	95.41	2,373.48	15,112.50	741.98	-101.46	843.44	0.880	Level 1	
24,200.00	7,780.00	24,061.91	7,850.00	426.02	425.77	95.40	2,372.86	15,212.50	742.88	-105.91	848.79	0.875	Level 1	
24,225.31	7,780.00	24,087.22	7,850.00	426.70	426.45	95.40	2,372.70	15,237.80	743.11	-107.04	850.15	0.874	Level 1, ES, SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - 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	0.20	0.20	0.00	0.00	-179.60	-40.07	-0.28	40.07					
100.00	100.00	100.20	100.20	0.13	0.14	-179.60	-40.07	-0.28	40.07	39.80	0.27	148.646	CC, ES	
200.00	199.98	200.18	200.18	0.50	0.49	-164.70	-40.07	-0.28	41.75	40.76	0.99	42.201		
300.00	299.84	300.04	300.04	0.86	0.85	-166.36	-40.07	-0.28	46.82	45.10	1.72	27.284		
400.00	399.45	401.45	401.43	1.23	1.22	-167.83	-38.44	-1.03	53.68	51.24	2.44	21.989		
500.00	498.70	503.10	502.93	1.63	1.59	-168.44	-33.52	-3.26	60.66	57.49	3.17	19.132		
600.00	597.47	604.99	604.41	2.05	1.96	-168.45	-25.31	-7.00	67.74	63.83	3.91	17.337		
700.00	695.62	707.11	705.74	2.49	2.35	-168.03	-13.79	-12.25	74.90	70.25	4.65	16.100		
800.00	793.06	809.46	806.78	2.98	2.77	-167.29	1.05	-19.01	82.14	76.73	5.41	15.178		
900.00	889.64	912.03	907.38	3.50	3.21	-166.30	19.20	-27.28	89.49	83.30	6.19	14.457		
1,000.00	985.27	1,014.81	1,007.42	4.06	3.69	-165.14	40.67	-37.05	96.93	89.94	6.99	13.859		
1,100.00	1,079.82	1,117.81	1,106.75	4.66	4.21	-163.83	65.44	-48.33	104.50	96.68	7.82	13.356		
1,200.00	1,173.17	1,217.51	1,202.37	5.31	4.75	-162.81	91.12	-60.03	113.69	104.99	8.70	13.068		
1,300.00	1,265.21	1,316.71	1,297.52	6.01	5.29	-162.40	116.68	-71.67	126.20	116.61	9.59	13.162		
1,400.00	1,356.40	1,415.65	1,392.41	6.74	5.84	-162.39	142.16	-83.27	140.76	130.27	10.48	13.428		
1,500.00	1,447.57	1,514.58	1,487.29	7.49	6.40	-162.40	167.64	-94.88	155.34	143.96	11.38	13.647		
1,600.00	1,538.75	1,613.51	1,582.18	8.24	6.97	-162.40	193.13	-106.49	169.93	157.64	12.29	13.827		
1,700.00	1,629.92	1,712.44	1,677.06	8.99	7.53	-162.41	218.61	-118.09	184.51	171.31	13.20	13.977		
1,800.00	1,721.09	1,811.37	1,771.95	9.75	8.10	-162.41	244.10	-129.70	199.09	184.98	14.12	14.102		
1,900.00	1,812.27	1,910.30	1,866.83	10.51	8.67	-162.41	269.58	-141.31	213.68	198.64	15.04	14.210		
2,000.00	1,903.44	2,009.23	1,961.72	11.28	9.25	-162.42	295.06	-152.91	228.26	212.30	15.96	14.302		
2,100.00	1,994.61	2,108.16	2,056.60	12.04	9.82	-162.42	320.55	-164.52	242.85	225.96	16.89	14.381		
2,200.00	2,085.78	2,207.09	2,151.49	12.81	10.40	-162.42	346.03	-176.12	257.43	239.62	17.81	14.451		
2,300.00	2,176.96	2,306.03	2,246.37	13.58	10.98	-162.42	371.51	-187.73	272.02	253.27	18.74	14.513		
2,400.00	2,268.13	2,404.96	2,341.26	14.35	11.56	-162.42	397.00	-199.34	286.60	266.93	19.67	14.568		
2,500.00	2,359.30	2,503.89	2,436.14	15.12	12.14	-162.43	422.48	-210.94	301.18	280.58	20.61	14.616		
2,600.00	2,450.48	2,602.82	2,531.03	15.89	12.72	-162.43	447.97	-222.55	315.77	294.23	21.54	14.660		
2,700.00	2,541.65	2,701.75	2,625.91	16.67	13.30	-162.43	473.45	-234.15	330.35	307.88	22.47	14.700		
2,800.00	2,632.82	2,800.68	2,720.80	17.44	13.88	-162.43	498.93	-245.76	344.94	321.53	23.41	14.735		
2,900.00	2,724.00	2,899.61	2,815.68	18.21	14.46	-162.43	524.42	-257.37	359.52	335.18	24.34	14.768		
3,000.00	2,815.17	3,001.46	2,910.57	18.99	15.06	-162.43	549.90	-268.97	374.10	348.81	25.29	14.790		
3,100.00	2,906.34	3,102.53	3,005.45	19.76	15.66	-162.43	575.38	-280.58	388.69	362.45	26.24	14.812		
3,200.00	2,997.52	3,203.60	3,100.34	20.54	16.26	-162.43	600.87	-292.19	403.27	376.08	27.19	14.832		
3,300.00	3,088.69	3,304.67	3,195.22	21.31	16.85	-162.43	626.35	-303.79	417.86	389.72	28.14	14.851		
3,400.00	3,179.86	3,405.74	3,290.11	22.09	17.45	-162.43	651.84	-315.40	432.44	403.36	29.09	14.868		
3,500.00	3,271.04	3,493.19	3,384.99	22.86	17.96	-162.43	677.32	-327.00	447.03	417.05	29.97	14.914		
3,600.00	3,362.21	3,607.87	3,479.88	23.64	18.64	-162.43	702.80	-338.61	461.61	430.63	30.98	14.898		
3,700.00	3,453.38	3,691.06	3,574.76	24.42	19.13	-162.44	728.29	-350.22	476.19	444.34	31.85	14.950		
3,800.00	3,544.56	3,789.99	3,669.65	25.19	19.72	-162.44	753.77	-361.82	490.78	457.99	32.79	14.966		
3,900.00	3,635.73	3,888.92	3,764.53	25.97	20.30	-162.44	779.25	-373.43	505.36	471.63	33.73	14.981		
4,000.00	3,726.90	3,987.85	3,859.42	26.75	20.89	-162.44	804.74	-385.03	519.95	485.27	34.67	14.995		
4,100.00	3,818.08	4,086.78	3,954.30	27.53	21.47	-162.44	830.22	-396.64	534.53	498.92	35.62	15.008		
4,200.00	3,909.25	4,185.71	4,049.19	28.30	22.06	-162.44	855.71	-408.25	549.11	512.56	36.56	15.021		
4,300.00	4,000.42	4,284.64	4,144.07	29.08	22.65	-162.44	881.19	-419.85	563.70	526.20	37.50	15.033		
4,400.00	4,091.60	4,383.57	4,238.96	29.86	23.23	-162.44	906.67	-431.46	578.28	539.84	38.44	15.044		
4,500.00	4,182.77	4,482.50	4,333.84	30.64	23.82	-162.44	932.16	-443.07	592.87	553.49	39.38	15.054		
4,600.00	4,273.94	4,581.43	4,428.73	31.41	24.40	-162.44	957.64	-454.67	607.45	567.13	40.32	15.064		
4,700.00	4,365.12	4,680.36	4,523.61	32.19	24.99	-162.44	983.12	-466.28	622.04	580.77	41.27	15.074		
4,800.00	4,456.29	4,779.30	4,618.50	32.97	25.57	-162.44	1,008.61	-477.88	636.62	594.41	42.21	15.083		
4,900.00	4,547.46	4,878.23	4,713.38	33.75	26.16	-162.44	1,034.09	-489.49	651.20	608.05	43.15	15.091		
5,000.00	4,638.63	4,977.16	4,808.27	34.52	26.75	-162.44	1,059.58	-501.10	665.79	621.69	44.09	15.099		
5,100.00	4,729.81	5,076.09	4,903.15	35.30	27.33	-162.44	1,085.06	-512.70	680.37	635.34	45.04	15.107		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - 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	4,820.98	5,175.02	4,998.04	36.08	27.92	-162.44	1,110.54	-524.31	694.96	648.98	45.98	15.114		
5,300.00	4,912.15	5,273.95	5,092.92	36.86	28.51	-162.44	1,136.03	-535.91	709.54	662.62	46.92	15.122		
5,400.00	5,003.33	5,372.88	5,187.81	37.64	29.09	-162.44	1,161.51	-547.52	724.12	676.26	47.87	15.128		
5,500.00	5,094.50	5,471.81	5,282.69	38.42	29.68	-162.44	1,186.99	-559.13	738.71	689.90	48.81	15.135		
5,600.00	5,185.67	5,570.74	5,377.58	39.19	30.26	-162.44	1,212.48	-570.73	753.29	703.54	49.75	15.141		
5,700.00	5,276.85	5,669.67	5,472.46	39.97	30.85	-162.44	1,237.96	-582.34	767.88	717.18	50.70	15.147		
5,800.00	5,368.02	5,768.60	5,567.35	40.75	31.44	-162.44	1,263.45	-593.95	782.46	730.82	51.64	15.152		
5,900.00	5,459.19	5,867.53	5,662.23	41.53	32.02	-162.44	1,288.93	-605.55	797.05	744.46	52.58	15.158		
6,000.00	5,550.37	5,966.46	5,757.12	42.31	32.61	-162.44	1,314.41	-617.16	811.63	758.10	53.53	15.163		
6,100.00	5,641.54	6,065.40	5,852.01	43.09	33.20	-162.44	1,339.90	-628.76	826.21	771.74	54.47	15.168		
6,200.00	5,732.71	6,164.33	5,946.89	43.87	33.78	-162.44	1,365.38	-640.37	840.80	785.38	55.41	15.173		
6,300.00	5,823.89	6,263.26	6,041.78	44.64	34.37	-162.44	1,390.86	-651.98	855.38	799.02	56.36	15.178		
6,400.00	5,915.06	6,362.19	6,136.66	45.42	34.96	-162.44	1,416.35	-663.58	869.97	812.66	57.30	15.182		
6,500.00	6,006.23	6,461.12	6,231.55	46.20	35.55	-162.44	1,441.83	-675.19	884.55	826.30	58.25	15.186		
6,600.00	6,097.41	6,560.05	6,326.43	46.98	36.13	-162.44	1,467.32	-686.79	899.13	839.94	59.19	15.191		
6,700.00	6,188.58	6,658.98	6,421.32	47.76	36.72	-162.44	1,492.80	-698.40	913.72	853.58	60.13	15.195		
6,800.00	6,279.75	6,757.91	6,516.20	48.54	37.31	-162.44	1,518.28	-710.01	928.30	867.22	61.08	15.198		
6,900.00	6,370.93	6,856.84	6,611.09	49.32	37.89	-162.44	1,543.77	-721.61	942.89	880.86	62.02	15.202		
7,000.00	6,462.10	6,955.77	6,705.97	50.10	38.48	-162.44	1,569.25	-733.22	957.47	894.50	62.97	15.206		
7,100.00	6,553.27	7,054.70	6,800.86	50.88	39.07	-162.44	1,594.73	-744.83	972.06	908.14	63.91	15.209		
7,200.00	6,644.45	7,153.63	6,895.74	51.65	39.65	-162.44	1,620.22	-756.43	986.64	921.78	64.86	15.213		
7,300.00	6,735.62	7,252.56	6,990.63	52.43	40.24	-162.44	1,645.70	-768.04	1,001.22	935.42	65.80	15.216		
7,400.00	6,826.79	7,351.50	7,085.51	53.21	40.83	-162.44	1,671.19	-779.64	1,015.81	949.06	66.75	15.219		
7,500.00	6,917.96	7,451.55	7,181.52	53.99	41.42	-162.47	1,696.97	-790.93	1,030.38	962.70	67.68	15.223		
7,600.00	7,009.14	7,553.73	7,280.12	54.77	41.93	-163.20	1,723.26	-789.74	1,044.69	976.46	68.24	15.310		
7,700.00	7,100.31	7,648.62	7,370.21	55.55	42.29	-164.73	1,747.06	-772.45	1,059.24	990.94	68.30	15.509		
7,800.00	7,191.48	7,732.50	7,446.65	56.33	42.52	-166.70	1,767.07	-744.53	1,075.24	1,007.16	68.08	15.794		
7,900.00	7,283.04	7,807.86	7,511.36	57.06	42.67	168.37	1,783.86	-709.86	1,093.61	1,025.79	67.82	16.126		
8,000.00	7,373.73	7,879.99	7,568.70	57.68	42.76	144.23	1,798.59	-668.73	1,113.58	1,045.93	67.64	16.462		
8,100.00	7,460.79	7,950.00	7,619.18	58.18	42.80	126.26	1,811.40	-622.01	1,134.04	1,066.49	67.55	16.788		
8,200.00	7,541.58	8,017.80	7,662.49	58.56	42.81	113.76	1,822.25	-571.04	1,153.95	1,086.42	67.54	17.086		
8,300.00	7,613.66	8,084.57	7,699.18	58.83	42.78	105.02	1,831.27	-516.04	1,172.40	1,104.76	67.64	17.334		
8,400.00	7,674.81	8,150.00	7,728.92	59.00	42.73	98.85	1,838.40	-458.23	1,188.57	1,120.68	67.89	17.506		
8,500.00	7,723.20	8,215.63	7,752.18	59.08	42.65	94.57	1,843.76	-397.13	1,201.82	1,133.43	68.39	17.573		
8,600.00	7,757.34	8,280.43	7,768.37	59.09	42.55	91.80	1,847.21	-334.52	1,211.65	1,142.48	69.17	17.518		
8,700.00	7,776.21	8,350.00	7,778.05	59.03	42.44	90.31	1,848.83	-265.69	1,217.70	1,147.48	70.22	17.342		
8,800.00	7,780.00	8,415.85	7,780.00	58.92	42.31	89.99	1,848.43	-199.90	1,220.03	1,148.46	71.57	17.046		
8,900.00	7,780.00	8,515.84	7,780.00	58.81	42.14	89.99	1,847.03	-99.92	1,221.71	1,148.64	73.08	16.718		
9,000.00	7,780.00	8,615.82	7,780.00	58.73	41.99	89.99	1,845.64	0.05	1,223.40	1,148.46	74.94	16.326		
9,100.00	7,780.00	8,715.81	7,780.00	58.67	41.86	89.99	1,844.24	100.03	1,225.08	1,147.95	77.13	15.883		
9,200.00	7,780.00	8,815.79	7,780.00	58.64	41.75	89.99	1,842.85	200.01	1,226.76	1,147.14	79.63	15.407		
9,300.00	7,780.00	8,915.78	7,780.00	58.63	41.72	89.99	1,841.45	299.98	1,228.44	1,146.04	82.40	14.907		
9,400.00	7,780.00	9,015.76	7,780.00	58.67	42.03	89.99	1,840.05	399.96	1,230.13	1,144.70	85.43	14.399		
9,500.00	7,780.00	9,115.75	7,780.00	58.76	43.42	89.99	1,838.66	499.94	1,231.81	1,143.13	88.68	13.891		
9,600.00	7,780.00	9,215.74	7,780.00	58.91	45.19	89.99	1,837.26	599.91	1,233.49	1,141.36	92.13	13.389		
9,700.00	7,780.00	9,315.72	7,780.00	59.15	47.08	89.99	1,835.87	699.89	1,235.17	1,139.41	95.76	12.899		
9,800.00	7,780.00	9,415.71	7,780.00	59.53	49.05	89.99	1,834.47	799.86	1,236.85	1,137.30	99.55	12.424		
9,900.00	7,780.00	9,515.69	7,780.00	60.09	51.09	89.99	1,833.08	899.84	1,238.54	1,135.06	103.48	11.969		
10,000.00	7,780.00	9,615.68	7,780.00	60.91	53.18	89.99	1,831.68	999.82	1,240.22	1,132.68	107.54	11.533		
10,100.00	7,780.00	9,715.67	7,780.00	62.01	55.32	89.99	1,830.28	1,099.79	1,241.90	1,130.19	111.71	11.117		
10,200.00	7,780.00	9,815.65	7,780.00	63.39	57.51	89.99	1,828.89	1,199.77	1,243.58	1,127.60	115.98	10.722		
10,300.00	7,780.00	9,915.64	7,780.00	65.02	59.74	89.99	1,827.49	1,299.74	1,245.26	1,124.93	120.34	10.348		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - 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	7,780.00	10,015.62	7,780.00	66.83	62.00	89.99	1,826.10	1,399.72	1,246.95	1,122.17	124.78	9.993		
10,500.00	7,780.00	10,115.61	7,780.00	68.78	64.29	89.99	1,824.70	1,499.70	1,248.63	1,119.34	129.29	9.657		
10,600.00	7,780.00	10,215.59	7,780.00	70.83	66.61	89.99	1,823.31	1,599.67	1,250.31	1,116.44	133.87	9.340		
10,700.00	7,780.00	10,315.58	7,780.00	72.95	68.96	89.99	1,821.91	1,699.65	1,251.99	1,113.49	138.51	9.039		
10,800.00	7,780.00	10,415.57	7,780.00	75.14	71.33	89.99	1,820.51	1,799.62	1,253.68	1,110.48	143.19	8.755		
10,900.00	7,780.00	10,515.55	7,780.00	77.37	73.72	89.99	1,819.12	1,899.60	1,255.36	1,107.43	147.93	8.486		
11,000.00	7,780.00	10,615.54	7,780.00	79.65	76.14	89.99	1,817.72	1,999.58	1,257.04	1,104.33	152.71	8.232		
11,100.00	7,780.00	10,715.52	7,780.00	81.96	78.57	89.99	1,816.33	2,099.55	1,258.72	1,101.19	157.53	7.990		
11,200.00	7,780.00	10,815.51	7,780.00	84.29	81.01	89.99	1,814.93	2,199.53	1,260.40	1,098.02	162.38	7.762		
11,300.00	7,780.00	10,915.50	7,780.00	86.65	83.47	89.99	1,813.54	2,299.51	1,262.09	1,094.82	167.27	7.545		
11,400.00	7,780.00	11,015.48	7,780.00	89.04	85.94	89.99	1,812.14	2,399.48	1,263.77	1,091.58	172.19	7.339		
11,500.00	7,780.00	11,115.47	7,780.00	91.44	88.43	89.99	1,810.74	2,499.46	1,265.45	1,088.32	177.13	7.144		
11,600.00	7,780.00	11,215.45	7,780.00	93.86	90.93	89.99	1,809.35	2,599.43	1,267.13	1,085.03	182.10	6.958		
11,700.00	7,780.00	11,315.44	7,780.00	96.30	93.44	89.99	1,807.95	2,699.41	1,268.82	1,081.72	187.10	6.782		
11,800.00	7,780.00	11,415.42	7,780.00	98.75	95.95	89.99	1,806.56	2,799.39	1,270.50	1,078.39	192.11	6.613		
11,900.00	7,780.00	11,515.41	7,780.00	101.22	98.48	89.99	1,805.16	2,899.36	1,272.18	1,075.03	197.15	6.453		
12,000.00	7,780.00	11,615.40	7,780.00	103.69	101.02	89.99	1,803.77	2,999.34	1,273.86	1,071.66	202.20	6.300		
12,100.00	7,780.00	11,715.38	7,780.00	106.18	103.56	89.99	1,802.37	3,099.31	1,275.54	1,068.28	207.27	6.154		
12,200.00	7,780.00	11,815.37	7,780.00	108.68	106.11	89.99	1,800.97	3,199.29	1,277.23	1,064.87	212.35	6.015		
12,300.00	7,780.00	11,915.35	7,780.00	111.19	108.67	89.99	1,799.58	3,299.27	1,278.91	1,061.46	217.45	5.881		
12,400.00	7,780.00	12,015.34	7,780.00	113.70	111.23	89.99	1,798.18	3,399.24	1,280.59	1,058.02	222.57	5.754		
12,500.00	7,780.00	12,115.33	7,780.00	116.23	113.80	89.99	1,796.79	3,499.22	1,282.27	1,054.58	227.69	5.632		
12,600.00	7,780.00	12,215.31	7,780.00	118.76	116.38	89.99	1,795.39	3,599.19	1,283.95	1,051.12	232.83	5.515		
12,700.00	7,780.00	12,315.30	7,780.00	121.30	118.96	89.99	1,794.00	3,699.17	1,285.64	1,047.66	237.98	5.402		
12,800.00	7,780.00	12,415.28	7,780.00	123.84	121.54	89.99	1,792.60	3,799.15	1,287.32	1,044.18	243.14	5.295		
12,900.00	7,780.00	12,515.27	7,780.00	126.39	124.13	89.99	1,791.20	3,899.12	1,289.00	1,040.69	248.31	5.191		
13,000.00	7,780.00	12,615.26	7,780.00	128.95	126.72	89.99	1,789.81	3,999.10	1,290.68	1,037.20	253.49	5.092		
13,100.00	7,780.00	12,715.24	7,780.00	131.51	129.32	89.99	1,788.41	4,099.08	1,292.37	1,033.69	258.67	4.996		
13,200.00	7,780.00	12,815.23	7,780.00	134.08	131.92	89.99	1,787.02	4,199.05	1,294.05	1,030.18	263.87	4.904		
13,300.00	7,780.00	12,915.21	7,780.00	136.65	134.53	89.99	1,785.62	4,299.03	1,295.73	1,026.66	269.07	4.816		
13,400.00	7,780.00	13,015.20	7,780.00	139.23	137.14	89.99	1,784.23	4,399.00	1,297.41	1,023.13	274.28	4.730		
13,500.00	7,780.00	13,115.18	7,780.00	141.81	139.75	89.99	1,782.83	4,498.98	1,299.09	1,019.60	279.50	4.648		
13,600.00	7,780.00	13,215.17	7,780.00	144.40	142.36	89.99	1,781.43	4,598.96	1,300.78	1,016.05	284.72	4.569		
13,700.00	7,780.00	13,315.16	7,780.00	146.99	144.98	89.99	1,780.04	4,698.93	1,302.46	1,012.51	289.95	4.492		
13,800.00	7,780.00	13,415.14	7,780.00	149.58	147.60	89.99	1,778.64	4,798.91	1,304.14	1,008.95	295.19	4.418		
13,900.00	7,780.00	13,515.13	7,780.00	152.17	150.23	89.99	1,777.25	4,898.88	1,305.82	1,005.40	300.43	4.347		
14,000.00	7,780.00	13,615.11	7,780.00	154.77	152.85	89.99	1,775.85	4,998.86	1,307.51	1,001.83	305.67	4.277		
14,100.00	7,780.00	13,715.10	7,780.00	157.38	155.48	89.99	1,774.46	5,098.84	1,309.19	998.26	310.92	4.211		
14,200.00	7,780.00	13,815.09	7,780.00	159.98	158.11	89.99	1,773.06	5,198.81	1,310.87	994.69	316.18	4.146		
14,300.00	7,780.00	13,915.07	7,780.00	162.59	160.74	89.99	1,771.66	5,298.79	1,312.55	991.11	321.44	4.083		
14,400.00	7,780.00	14,015.06	7,780.00	165.20	163.38	89.99	1,770.27	5,398.76	1,314.23	987.53	326.70	4.023		
14,500.00	7,780.00	14,115.04	7,780.00	167.81	166.01	89.99	1,768.87	5,498.74	1,315.92	983.95	331.97	3.964		
14,600.00	7,780.00	14,215.03	7,780.00	170.43	168.65	89.99	1,767.48	5,598.72	1,317.60	980.36	337.24	3.907		
14,700.00	7,780.00	14,315.01	7,780.00	173.05	171.29	89.99	1,766.08	5,698.69	1,319.28	976.76	342.52	3.852		
14,800.00	7,780.00	14,415.00	7,780.00	175.67	173.93	89.99	1,764.69	5,798.67	1,320.96	973.17	347.79	3.798		
14,900.00	7,780.00	14,514.99	7,780.00	178.29	176.58	89.99	1,763.29	5,898.65	1,322.64	969.57	353.08	3.746		
15,000.00	7,780.00	14,614.97	7,780.00	180.92	179.22	89.99	1,761.89	5,998.62	1,324.33	965.96	358.36	3.695		
15,100.00	7,780.00	14,714.96	7,780.00	183.54	181.87	89.99	1,760.50	6,098.60	1,326.01	962.36	363.65	3.646		
15,200.00	7,780.00	14,814.94	7,780.00	186.17	184.51	89.99	1,759.10	6,198.57	1,327.69	958.75	368.94	3.599		
15,300.00	7,780.00	14,914.93	7,780.00	188.80	187.16	89.99	1,757.71	6,298.55	1,329.37	955.14	374.24	3.552		
15,400.00	7,780.00	15,014.92	7,780.00	191.43	189.81	89.99	1,756.31	6,398.53	1,331.06	951.52	379.53	3.507		
15,500.00	7,780.00	15,114.90	7,780.00	194.07	192.46	89.99	1,754.92	6,498.50	1,332.74	947.91	384.83	3.463		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - 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	7,780.00	15,214.89	7,780.00	196.70	195.12	89.99	1,753.52	6,598.48	1,334.42	944.29	390.13	3.420		
15,700.00	7,780.00	15,314.87	7,780.00	199.34	197.77	89.99	1,752.12	6,698.45	1,336.10	940.66	395.44	3.379		
15,800.00	7,780.00	15,414.86	7,780.00	201.98	200.43	89.99	1,750.73	6,798.43	1,337.78	937.04	400.74	3.338		
15,900.00	7,780.00	15,514.84	7,780.00	204.62	203.08	89.99	1,749.33	6,898.41	1,339.47	933.41	406.05	3.299		
16,000.00	7,780.00	15,614.83	7,780.00	207.26	205.74	89.99	1,747.94	6,998.38	1,341.15	929.78	411.36	3.260		
16,100.00	7,780.00	15,714.82	7,780.00	209.90	208.40	89.99	1,746.54	7,098.36	1,342.83	926.15	416.68	3.223		
16,200.00	7,780.00	15,814.80	7,780.00	212.54	211.06	89.99	1,745.15	7,198.33	1,344.51	922.52	421.99	3.186		
16,300.00	7,780.00	15,914.79	7,780.00	215.19	213.72	89.99	1,743.75	7,298.31	1,346.19	918.89	427.31	3.150		
16,400.00	7,780.00	16,014.77	7,780.00	217.83	216.38	89.99	1,742.35	7,398.29	1,347.88	915.25	432.63	3.116		
16,500.00	7,780.00	16,114.76	7,780.00	220.48	219.04	89.99	1,740.96	7,498.26	1,349.56	911.61	437.95	3.082		
16,600.00	7,780.00	16,214.75	7,780.00	223.13	221.70	89.99	1,739.56	7,598.24	1,351.24	907.97	443.27	3.048		
16,700.00	7,780.00	16,314.73	7,780.00	225.78	224.36	89.99	1,738.17	7,698.22	1,352.92	904.33	448.59	3.016		
16,800.00	7,780.00	16,414.72	7,780.00	228.43	227.03	89.99	1,736.77	7,798.19	1,354.61	900.69	453.92	2.984		
16,900.00	7,780.00	16,514.70	7,780.00	231.08	229.69	89.99	1,735.38	7,898.17	1,356.29	897.05	459.24	2.953		
17,000.00	7,780.00	16,614.69	7,780.00	233.73	232.36	89.99	1,733.98	7,998.14	1,357.97	893.40	464.57	2.923		
17,100.00	7,780.00	16,714.68	7,780.00	236.38	235.02	89.99	1,732.59	8,098.12	1,359.65	889.75	469.90	2.893		
17,200.00	7,780.00	16,814.66	7,780.00	239.04	237.69	89.99	1,731.19	8,198.10	1,361.33	886.10	475.23	2.865		
17,300.00	7,780.00	16,914.65	7,780.00	241.69	240.36	89.99	1,729.79	8,298.07	1,363.02	882.45	480.56	2.836		
17,400.00	7,780.00	17,014.63	7,780.00	244.35	243.03	89.99	1,728.40	8,398.05	1,364.70	878.80	485.90	2.809		
17,500.00	7,780.00	17,114.62	7,780.00	247.00	245.69	89.99	1,727.00	8,498.02	1,366.38	875.15	491.23	2.782		
17,600.00	7,780.00	17,214.60	7,780.00	249.66	248.36	89.99	1,725.61	8,598.00	1,368.06	871.50	496.57	2.755		
17,700.00	7,780.00	17,314.59	7,780.00	252.32	251.03	89.99	1,724.21	8,697.98	1,369.75	867.84	501.90	2.729		
17,800.00	7,780.00	17,414.58	7,780.00	254.98	253.70	89.99	1,722.82	8,797.95	1,371.43	864.19	507.24	2.704		
17,900.00	7,780.00	17,514.56	7,780.00	257.64	256.37	89.99	1,721.42	8,897.93	1,373.11	860.53	512.58	2.679		
18,000.00	7,780.00	17,614.55	7,780.00	260.30	259.05	89.99	1,720.02	8,997.90	1,374.79	856.87	517.92	2.654		
18,100.00	7,780.00	17,714.53	7,780.00	262.96	261.72	89.99	1,718.63	9,097.88	1,376.47	853.21	523.26	2.631		
18,200.00	7,780.00	17,814.52	7,780.00	265.62	264.39	89.99	1,717.23	9,197.86	1,378.16	849.55	528.60	2.607		
18,300.00	7,780.00	17,914.51	7,780.00	268.28	267.06	89.99	1,715.84	9,297.83	1,379.84	845.89	533.94	2.584		
18,400.00	7,780.00	18,014.49	7,780.00	270.94	269.74	89.99	1,714.44	9,397.81	1,381.52	842.23	539.29	2.562		
18,500.00	7,780.00	18,114.48	7,780.00	273.61	272.41	89.99	1,713.05	9,497.79	1,383.20	838.57	544.63	2.540		
18,600.00	7,780.00	18,214.46	7,780.00	276.27	275.08	89.99	1,711.65	9,597.76	1,384.88	834.91	549.98	2.518		
18,700.00	7,780.00	18,314.45	7,780.00	278.93	277.76	89.99	1,710.25	9,697.74	1,386.57	831.24	555.32	2.497		
18,800.00	7,780.00	18,414.43	7,780.00	281.60	280.43	89.99	1,708.86	9,797.71	1,388.25	827.58	560.67	2.476		
18,900.00	7,780.00	18,514.42	7,780.00	284.26	283.11	89.99	1,707.46	9,897.69	1,389.93	823.91	566.02	2.456		
19,000.00	7,780.00	18,614.41	7,780.00	286.93	285.78	89.99	1,706.07	9,997.67	1,391.61	820.24	571.37	2.436		
19,100.00	7,780.00	18,714.39	7,780.00	289.60	288.46	89.99	1,704.67	10,097.64	1,393.30	816.58	576.72	2.416		
19,200.00	7,780.00	18,814.38	7,780.00	292.26	291.14	89.99	1,703.28	10,197.62	1,394.98	812.91	582.07	2.397		
19,300.00	7,780.00	18,914.36	7,780.00	294.93	293.81	89.99	1,701.88	10,297.59	1,396.66	809.24	587.42	2.378		
19,400.00	7,780.00	19,014.35	7,780.00	297.60	296.49	89.99	1,700.48	10,397.57	1,398.34	805.57	592.77	2.359		
19,500.00	7,780.00	19,114.34	7,780.00	300.27	299.17	89.99	1,699.09	10,497.55	1,400.02	801.90	598.12	2.341		
19,600.00	7,780.00	19,214.32	7,780.00	302.94	301.85	89.99	1,697.69	10,597.52	1,401.71	798.23	603.48	2.323		
19,700.00	7,780.00	19,314.31	7,780.00	305.60	304.52	89.99	1,696.30	10,697.50	1,403.39	794.56	608.83	2.305		
19,800.00	7,780.00	19,414.29	7,780.00	308.27	307.20	89.99	1,694.90	10,797.47	1,405.07	790.89	614.18	2.288		
19,900.00	7,780.00	19,514.28	7,780.00	310.94	309.88	89.99	1,693.51	10,897.45	1,406.75	787.21	619.54	2.271		
20,000.00	7,780.00	19,614.26	7,780.00	313.61	312.56	89.99	1,692.11	10,997.43	1,408.44	783.54	624.89	2.254		
20,100.00	7,780.00	19,714.25	7,780.00	316.28	315.24	89.99	1,690.71	11,097.40	1,410.12	779.87	630.25	2.237		
20,200.00	7,780.00	19,814.24	7,780.00	318.95	317.92	89.99	1,689.32	11,197.38	1,411.80	776.19	635.61	2.221		
20,300.00	7,780.00	19,914.22	7,780.00	321.63	320.60	89.99	1,687.92	11,297.36	1,413.48	772.52	640.96	2.205		
20,400.00	7,780.00	20,014.21	7,780.00	324.30	323.28	89.99	1,686.53	11,397.33	1,415.16	768.84	646.32	2.190		
20,500.00	7,780.00	20,114.19	7,780.00	326.97	325.96	89.99	1,685.13	11,497.31	1,416.85	765.17	651.68	2.174		
20,600.00	7,780.00	20,214.18	7,780.00	329.64	328.64	89.99	1,683.74	11,597.28	1,418.53	761.49	657.04	2.159		
20,700.00	7,780.00	20,314.17	7,780.00	332.32	331.32	89.99	1,682.34	11,697.26	1,420.21	757.81	662.40	2.144		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - 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		
20,800.00	7,780.00	20,414.15	7,780.00	334.99	334.00	89.99	1,680.94	11,797.24	1,421.89	754.13	667.76	2.129		
20,900.00	7,780.00	20,514.14	7,780.00	337.66	336.68	89.99	1,679.55	11,897.21	1,423.57	750.46	673.12	2.115		
21,000.00	7,780.00	20,614.12	7,780.00	340.34	339.37	89.99	1,678.15	11,997.19	1,425.26	746.78	678.48	2.101		
21,100.00	7,780.00	20,714.11	7,780.00	343.01	342.05	89.99	1,676.76	12,097.16	1,426.94	743.10	683.84	2.087		
21,200.00	7,780.00	20,814.10	7,780.00	345.68	344.73	89.99	1,675.36	12,197.14	1,428.62	739.42	689.20	2.073		
21,300.00	7,780.00	20,914.08	7,780.00	348.36	347.41	89.99	1,673.97	12,297.12	1,430.30	735.74	694.56	2.059		
21,400.00	7,780.00	21,014.07	7,780.00	351.03	350.10	89.99	1,672.57	12,397.09	1,431.99	732.06	699.93	2.046		
21,500.00	7,780.00	21,114.05	7,780.00	353.71	352.78	89.99	1,671.17	12,497.07	1,433.67	728.38	705.29	2.033		
21,600.00	7,780.00	21,214.04	7,780.00	356.38	355.46	89.99	1,669.78	12,597.04	1,435.35	724.70	710.65	2.020		
21,700.00	7,780.00	21,314.02	7,780.00	359.06	358.14	89.99	1,668.38	12,697.02	1,437.03	721.02	716.01	2.007		
21,800.00	7,780.00	21,414.01	7,780.00	361.73	360.83	89.99	1,666.99	12,797.00	1,438.71	717.34	721.38	1.994		
21,900.00	7,780.00	21,514.00	7,780.00	364.41	363.51	89.99	1,665.59	12,896.97	1,440.40	713.65	726.74	1.982		
22,000.00	7,780.00	21,613.98	7,780.00	367.09	366.19	89.99	1,664.20	12,996.95	1,442.08	709.97	732.11	1.970		
22,100.00	7,780.00	21,713.97	7,780.00	369.76	368.88	89.99	1,662.80	13,096.93	1,443.76	706.29	737.47	1.958		
22,200.00	7,780.00	21,813.95	7,780.00	372.44	371.56	89.99	1,661.40	13,196.90	1,445.44	702.61	742.84	1.946		
22,300.00	7,780.00	21,913.94	7,780.00	375.12	374.25	89.99	1,660.01	13,296.88	1,447.13	698.92	748.20	1.934		
22,400.00	7,780.00	22,013.93	7,780.00	377.79	376.93	89.99	1,658.61	13,396.85	1,448.81	695.24	753.57	1.923		
22,500.00	7,780.00	22,113.91	7,780.00	380.47	379.62	89.99	1,657.22	13,496.83	1,450.49	691.55	758.94	1.911		
22,600.00	7,780.00	22,213.90	7,780.00	383.15	382.30	89.99	1,655.82	13,596.81	1,452.17	687.87	764.30	1.900		
22,700.00	7,780.00	22,313.88	7,780.00	385.83	384.99	89.99	1,654.43	13,696.78	1,453.85	684.18	769.67	1.889		
22,800.00	7,780.00	22,413.87	7,780.00	388.51	387.67	89.99	1,653.03	13,796.76	1,455.54	680.50	775.04	1.878		
22,900.00	7,780.00	22,513.85	7,780.00	391.18	390.36	89.99	1,651.63	13,896.73	1,457.22	676.81	780.40	1.867		
23,000.00	7,780.00	22,613.84	7,780.00	393.86	393.04	89.99	1,650.24	13,996.71	1,458.90	673.13	785.77	1.857		
23,100.00	7,780.00	22,713.83	7,780.00	396.54	395.73	89.99	1,648.84	14,096.69	1,460.58	669.44	791.14	1.846		
23,200.00	7,780.00	22,813.81	7,780.00	399.22	398.41	89.99	1,647.45	14,196.66	1,462.26	665.76	796.51	1.836		
23,300.00	7,780.00	22,913.80	7,780.00	401.90	401.10	89.99	1,646.05	14,296.64	1,463.95	662.07	801.88	1.826		
23,400.00	7,780.00	23,013.78	7,780.00	404.58	403.78	89.99	1,644.66	14,396.61	1,465.63	658.38	807.25	1.816		
23,500.00	7,780.00	23,113.77	7,780.00	407.26	406.47	89.99	1,643.26	14,496.59	1,467.31	654.70	812.62	1.806		
23,600.00	7,780.00	23,213.76	7,780.00	409.94	409.16	89.99	1,641.86	14,596.57	1,468.99	651.01	817.99	1.796		
23,700.00	7,780.00	23,313.74	7,780.00	412.62	411.84	89.99	1,640.47	14,696.54	1,470.68	647.32	823.36	1.786		
23,800.00	7,780.00	23,413.73	7,780.00	415.30	414.53	89.99	1,639.07	14,796.52	1,472.36	643.63	828.73	1.777		
23,900.00	7,780.00	23,513.71	7,780.00	417.98	417.21	89.99	1,637.68	14,896.50	1,474.04	639.94	834.10	1.767		
24,000.00	7,780.00	23,613.70	7,780.00	420.66	419.90	89.99	1,636.28	14,996.47	1,475.72	636.26	839.47	1.758		
24,100.00	7,780.00	23,713.68	7,780.00	423.34	422.59	89.99	1,634.89	15,096.45	1,477.40	632.57	844.84	1.749		
24,200.00	7,780.00	23,813.67	7,780.00	426.02	425.27	89.99	1,633.49	15,196.42	1,479.09	628.88	850.21	1.740		
24,225.31	7,780.00	23,838.98	7,780.00	426.70	425.95	89.99	1,633.14	15,221.73	1,479.51	627.94	851.57	1.737 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - 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	0.30	0.30	0.00	0.00	-179.73	-60.10	-0.28	60.11					
100.00	100.00	100.30	100.30	0.13	0.14	-179.73	-60.10	-0.28	60.11	59.84	0.27	222.670	CC, ES	
200.00	199.98	200.28	200.28	0.50	0.49	-164.62	-60.10	-0.28	61.79	60.80	0.99	62.428		
300.00	299.84	300.14	300.14	0.86	0.85	-165.78	-60.10	-0.28	66.85	65.13	1.72	38.947		
400.00	399.45	399.75	399.75	1.23	1.21	-167.37	-60.10	-0.28	75.33	72.88	2.44	30.826		
500.00	498.70	501.67	501.65	1.63	1.57	-168.54	-58.60	-1.28	85.73	82.56	3.17	27.026		
600.00	597.47	603.93	603.76	2.05	1.94	-168.79	-54.06	-4.30	96.46	92.56	3.91	24.690		
700.00	695.62	706.50	705.91	2.49	2.32	-168.41	-46.47	-9.35	107.50	102.85	4.65	23.113		
800.00	793.06	809.36	807.97	2.98	2.71	-167.55	-35.79	-16.45	118.85	113.44	5.41	21.966		
900.00	889.64	912.50	909.77	3.50	3.13	-166.36	-22.04	-25.61	130.53	124.35	6.19	21.089		
1,000.00	985.27	1,015.90	1,011.17	4.06	3.57	-164.90	-5.19	-36.81	142.59	135.60	7.00	20.385		
1,100.00	1,079.82	1,114.98	1,107.95	4.66	4.02	-163.68	12.47	-48.56	156.48	148.66	7.83	19.991		
1,200.00	1,173.17	1,213.46	1,204.15	5.31	4.47	-162.96	30.03	-60.24	173.72	165.04	8.68	20.022		
1,300.00	1,265.21	1,311.33	1,299.74	6.01	4.94	-162.65	47.48	-71.85	194.24	184.71	9.54	20.371		
1,400.00	1,356.40	1,408.75	1,394.91	6.74	5.40	-162.65	64.85	-83.41	216.78	206.39	10.40	20.848		
1,500.00	1,447.57	1,506.17	1,490.07	7.49	5.87	-162.67	82.23	-94.97	239.35	228.09	11.26	21.248		
1,600.00	1,538.75	1,603.60	1,585.23	8.24	6.35	-162.69	99.60	-106.52	261.92	249.78	12.14	21.579		
1,700.00	1,629.92	1,701.02	1,680.39	8.99	6.82	-162.70	116.97	-118.08	284.48	271.47	13.02	21.858		
1,800.00	1,721.09	1,801.56	1,775.55	9.75	7.32	-162.72	134.34	-129.63	307.05	293.14	13.91	22.074		
1,900.00	1,812.27	1,904.14	1,870.71	10.51	7.82	-162.73	151.71	-141.19	329.61	314.80	14.82	22.246		
2,000.00	1,903.44	2,006.72	1,965.87	11.28	8.33	-162.73	169.08	-152.74	352.18	336.45	15.73	22.394		
2,100.00	1,994.61	2,109.30	2,061.03	12.04	8.84	-162.74	186.45	-164.30	374.75	358.11	16.64	22.522		
2,200.00	2,085.78	2,188.12	2,156.19	12.81	9.23	-162.75	203.82	-175.86	397.31	379.86	17.45	22.767		
2,300.00	2,176.96	2,285.54	2,251.35	13.58	9.71	-162.76	221.19	-187.41	419.88	401.53	18.35	22.888		
2,400.00	2,268.13	2,382.96	2,346.51	14.35	10.20	-162.76	238.56	-198.97	442.44	423.20	19.24	22.996		
2,500.00	2,359.30	2,480.38	2,441.67	15.12	10.69	-162.77	255.93	-210.52	465.01	444.87	20.14	23.093		
2,600.00	2,450.48	2,577.80	2,536.83	15.89	11.17	-162.77	273.30	-222.08	487.58	466.54	21.03	23.181		
2,700.00	2,541.65	2,675.22	2,631.99	16.67	11.66	-162.78	290.67	-233.64	510.14	488.21	21.93	23.260		
2,800.00	2,632.82	2,772.64	2,727.15	17.44	12.15	-162.78	308.04	-245.19	532.71	509.88	22.83	23.332		
2,900.00	2,724.00	2,870.06	2,822.31	18.21	12.64	-162.78	325.42	-256.75	555.27	531.54	23.73	23.399		
3,000.00	2,815.17	2,967.48	2,917.47	18.99	13.12	-162.79	342.79	-268.30	577.84	553.21	24.63	23.459		
3,100.00	2,906.34	3,064.90	3,012.63	19.76	13.61	-162.79	360.16	-279.86	600.41	574.87	25.53	23.515		
3,200.00	2,997.52	3,162.33	3,107.79	20.54	14.10	-162.79	377.53	-291.42	622.97	596.54	26.43	23.567		
3,300.00	3,088.69	3,259.75	3,202.95	21.31	14.59	-162.79	394.90	-302.97	645.54	618.20	27.34	23.614		
3,400.00	3,179.86	3,357.17	3,298.11	22.09	15.08	-162.80	412.27	-314.53	668.11	639.87	28.24	23.659		
3,500.00	3,271.04	3,454.59	3,393.27	22.86	15.57	-162.80	429.64	-326.08	690.67	661.53	29.14	23.700		
3,600.00	3,362.21	3,552.01	3,488.43	23.64	16.06	-162.80	447.01	-337.64	713.24	683.19	30.05	23.738		
3,700.00	3,453.38	3,649.43	3,583.59	24.42	16.55	-162.80	464.38	-349.19	735.80	704.85	30.95	23.774		
3,800.00	3,544.56	3,746.85	3,678.75	25.19	17.04	-162.81	481.75	-360.75	758.37	726.52	31.85	23.808		
3,900.00	3,635.73	3,844.27	3,773.92	25.97	17.53	-162.81	499.12	-372.31	780.94	748.18	32.76	23.839		
4,000.00	3,726.90	3,941.69	3,869.08	26.75	18.02	-162.81	516.49	-383.86	803.50	769.84	33.66	23.869		
4,100.00	3,818.08	4,039.11	3,964.24	27.53	18.51	-162.81	533.86	-395.42	826.07	791.50	34.57	23.897		
4,200.00	3,909.25	4,136.53	4,059.40	28.30	19.00	-162.81	551.24	-406.97	848.63	813.16	35.47	23.923		
4,300.00	4,000.42	4,233.95	4,154.56	29.08	19.49	-162.81	568.61	-418.53	871.20	834.82	36.38	23.948		
4,400.00	4,091.60	4,331.37	4,249.72	29.86	19.98	-162.81	585.98	-430.09	893.77	856.48	37.28	23.972		
4,500.00	4,182.77	4,428.79	4,344.88	30.64	20.48	-162.82	603.35	-441.64	916.33	878.14	38.19	23.994		
4,600.00	4,273.94	4,526.21	4,440.04	31.41	20.97	-162.82	620.72	-453.20	938.90	899.80	39.10	24.016		
4,700.00	4,365.12	4,623.63	4,535.20	32.19	21.46	-162.82	638.09	-464.75	961.46	921.46	40.00	24.036		
4,800.00	4,456.29	4,721.05	4,630.36	32.97	21.95	-162.82	655.46	-476.31	984.03	943.12	40.91	24.055		
4,900.00	4,547.46	4,818.48	4,725.52	33.75	22.44	-162.82	672.83	-487.86	1,006.60	964.78	41.81	24.073		
5,000.00	4,638.63	4,915.90	4,820.68	34.52	22.93	-162.82	690.20	-499.42	1,029.16	986.44	42.72	24.090		
5,100.00	4,729.81	5,013.32	4,915.84	35.30	23.42	-162.82	707.57	-510.98	1,051.73	1,008.10	43.63	24.107		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - 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	4,820.98	5,110.74	5,011.00	36.08	23.91	-162.82	724.94	-522.53	1,074.29	1,029.76	44.53	24.123		
5,300.00	4,912.15	5,208.16	5,106.16	36.86	24.41	-162.82	742.31	-534.09	1,096.86	1,051.42	45.44	24.138		
5,400.00	5,003.33	5,305.58	5,201.32	37.64	24.90	-162.82	759.68	-545.64	1,119.43	1,073.08	46.35	24.152		
5,500.00	5,094.50	5,403.00	5,296.48	38.42	25.39	-162.83	777.05	-557.20	1,141.99	1,094.74	47.26	24.166		
5,600.00	5,185.67	5,500.42	5,391.64	39.19	25.88	-162.83	794.43	-568.76	1,164.56	1,116.40	48.16	24.179		
5,700.00	5,276.85	5,597.84	5,486.80	39.97	26.37	-162.83	811.80	-580.31	1,187.12	1,138.05	49.07	24.192		
5,800.00	5,368.02	5,704.74	5,581.96	40.75	26.91	-162.83	829.17	-591.87	1,209.69	1,159.67	50.02	24.185		
5,900.00	5,459.19	5,807.32	5,677.12	41.53	27.43	-162.83	846.54	-603.42	1,232.26	1,181.31	50.95	24.186		
6,000.00	5,550.37	5,909.90	5,772.28	42.31	27.95	-162.83	863.91	-614.98	1,254.82	1,202.94	51.88	24.187		
6,100.00	5,641.54	5,987.52	5,867.44	43.09	28.34	-162.83	881.28	-626.53	1,277.39	1,224.69	52.70	24.238		
6,200.00	5,732.71	6,084.94	5,962.60	43.87	28.83	-162.83	898.65	-638.09	1,299.96	1,246.35	53.61	24.249		
6,300.00	5,823.89	6,182.36	6,057.76	44.64	29.32	-162.83	916.02	-649.65	1,322.52	1,268.00	54.52	24.259		
6,400.00	5,915.06	6,279.78	6,152.92	45.42	29.81	-162.83	933.39	-661.20	1,345.09	1,289.66	55.43	24.268		
6,500.00	6,006.23	6,377.20	6,248.08	46.20	30.31	-162.83	950.76	-672.76	1,367.65	1,311.32	56.33	24.278		
6,600.00	6,097.41	6,474.63	6,343.24	46.98	30.80	-162.83	968.13	-684.31	1,390.22	1,332.98	57.24	24.287		
6,700.00	6,188.58	6,572.05	6,438.40	47.76	31.29	-162.83	985.50	-695.87	1,412.79	1,354.63	58.15	24.295		
6,800.00	6,279.75	6,669.47	6,533.57	48.54	31.78	-162.83	1,002.87	-707.43	1,435.35	1,376.29	59.06	24.304		
6,900.00	6,370.93	6,766.89	6,628.73	49.32	32.27	-162.83	1,020.25	-718.98	1,457.92	1,397.95	59.97	24.312		
7,000.00	6,462.10	6,864.31	6,723.89	50.10	32.77	-162.84	1,037.62	-730.54	1,480.48	1,419.61	60.88	24.319		
7,100.00	6,553.27	6,961.73	6,819.05	50.88	33.26	-162.84	1,054.99	-742.09	1,503.05	1,441.26	61.79	24.327		
7,200.00	6,644.45	7,059.15	6,914.21	51.65	33.75	-162.84	1,072.36	-753.65	1,525.62	1,462.92	62.69	24.334		
7,300.00	6,735.62	7,156.57	7,009.37	52.43	34.24	-162.84	1,089.73	-765.21	1,548.18	1,484.58	63.60	24.341		
7,400.00	6,826.79	7,253.99	7,104.53	53.21	34.73	-162.84	1,107.10	-776.76	1,570.75	1,506.24	64.51	24.348		
7,500.00	6,917.96	7,351.41	7,199.69	53.99	35.23	-162.84	1,124.47	-788.32	1,593.31	1,527.89	65.42	24.355		
7,600.00	7,009.14	7,448.90	7,295.34	54.77	35.68	-163.04	1,141.80	-794.34	1,615.88	1,549.66	66.21	24.405		
7,700.00	7,100.31	7,542.12	7,386.55	55.55	35.99	-163.77	1,157.99	-784.89	1,638.60	1,571.94	66.66	24.583		
7,800.00	7,191.48	7,626.84	7,467.20	56.33	36.19	-164.86	1,172.02	-763.38	1,662.04	1,595.20	66.83	24.868		
7,900.00	7,283.04	7,704.24	7,537.47	57.06	36.31	170.39	1,183.98	-733.38	1,686.82	1,619.93	66.89	25.219		
8,000.00	7,373.73	7,778.72	7,600.78	57.68	36.37	146.34	1,194.52	-695.70	1,712.42	1,645.49	66.92	25.588		
8,100.00	7,460.79	7,850.00	7,656.42	58.18	36.40	128.45	1,203.55	-652.13	1,737.80	1,670.82	66.98	25.945		
8,200.00	7,541.58	7,922.01	7,706.80	58.56	36.38	115.96	1,211.48	-601.37	1,761.99	1,694.91	67.09	26.265		
8,300.00	7,613.66	7,991.90	7,749.37	58.83	36.33	107.23	1,217.90	-546.36	1,784.10	1,716.82	67.28	26.518		
8,400.00	7,674.81	8,061.15	7,784.75	59.00	36.26	101.06	1,222.94	-487.10	1,803.36	1,735.74	67.61	26.672		
8,500.00	7,723.20	8,130.01	7,812.72	59.08	36.17	96.78	1,226.57	-424.33	1,819.11	1,750.98	68.13	26.699		
8,600.00	7,757.34	8,200.00	7,833.37	59.09	36.07	93.99	1,228.79	-357.53	1,830.86	1,761.98	68.87	26.582		
8,700.00	7,776.21	8,267.42	7,845.54	59.03	35.96	92.49	1,229.49	-291.27	1,838.23	1,768.37	69.87	26.310		
8,800.00	7,780.00	8,344.14	7,850.00	58.92	35.85	92.17	1,228.79	-224.02	1,841.33	1,770.20	71.13	25.886		
8,900.00	7,780.00	8,434.83	7,850.00	58.81	35.74	92.17	1,226.55	-124.07	1,843.85	1,771.29	72.56	25.412		
9,000.00	7,780.00	8,534.80	7,850.00	58.73	35.74	92.16	1,224.32	-24.13	1,846.37	1,771.98	74.39	24.820		
9,100.00	7,780.00	8,634.76	7,850.00	58.67	36.08	92.16	1,222.08	75.81	1,848.89	1,772.33	76.56	24.149		
9,200.00	7,780.00	8,734.73	7,850.00	58.64	37.06	92.16	1,219.85	175.76	1,851.42	1,772.38	79.04	23.424		
9,300.00	7,780.00	8,834.70	7,850.00	58.63	38.46	92.16	1,217.61	275.70	1,853.94	1,772.14	81.80	22.665		
9,400.00	7,780.00	8,934.67	7,850.00	58.67	40.04	92.15	1,215.38	375.64	1,856.46	1,771.65	84.81	21.889		
9,500.00	7,780.00	9,034.64	7,850.00	58.76	41.76	92.15	1,213.14	475.59	1,858.98	1,770.93	88.05	21.113		
9,600.00	7,780.00	9,134.60	7,850.00	58.91	43.58	92.15	1,210.90	575.53	1,861.50	1,770.01	91.49	20.346		
9,700.00	7,780.00	9,234.57	7,850.00	59.15	45.48	92.14	1,208.67	675.47	1,864.02	1,768.91	95.11	19.598		
9,800.00	7,780.00	9,334.54	7,850.00	59.53	47.46	92.14	1,206.43	775.42	1,866.54	1,767.64	98.90	18.874		
9,900.00	7,780.00	9,434.51	7,850.00	60.09	49.51	92.14	1,204.20	875.36	1,869.06	1,766.24	102.82	18.178		
10,000.00	7,780.00	9,534.48	7,850.00	60.91	51.61	92.13	1,201.96	975.30	1,871.58	1,764.71	106.88	17.512		
10,100.00	7,780.00	9,634.45	7,850.00	62.01	53.77	92.13	1,199.73	1,075.25	1,874.10	1,763.06	111.04	16.877		
10,200.00	7,780.00	9,734.41	7,850.00	63.39	55.97	92.13	1,197.49	1,175.19	1,876.62	1,761.31	115.31	16.275		
10,300.00	7,780.00	9,834.38	7,850.00	65.02	58.21	92.13	1,195.26	1,275.13	1,879.14	1,759.48	119.67	15.703		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - 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	7,780.00	9,934.35	7,850.00	66.83	60.49	92.12	1,193.02	1,375.08	1,881.67	1,757.56	124.10	15.162		
10,500.00	7,780.00	10,034.32	7,850.00	68.78	62.79	92.12	1,190.78	1,475.02	1,884.19	1,755.57	128.62	14.650		
10,600.00	7,780.00	10,134.29	7,850.00	70.83	65.13	92.12	1,188.55	1,574.96	1,886.71	1,753.52	133.19	14.165		
10,700.00	7,780.00	10,234.25	7,850.00	72.95	67.50	92.11	1,186.31	1,674.90	1,889.23	1,751.40	137.82	13.708		
10,800.00	7,780.00	10,334.22	7,850.00	75.14	69.88	92.11	1,184.08	1,774.85	1,891.75	1,749.24	142.51	13.274		
10,900.00	7,780.00	10,434.19	7,850.00	77.37	72.29	92.11	1,181.84	1,874.79	1,894.27	1,747.02	147.25	12.865		
11,000.00	7,780.00	10,534.16	7,850.00	79.65	74.72	92.11	1,179.61	1,974.73	1,896.79	1,744.77	152.02	12.477		
11,100.00	7,780.00	10,634.13	7,850.00	81.96	77.16	92.10	1,177.37	2,074.68	1,899.31	1,742.47	156.84	12.110		
11,200.00	7,780.00	10,734.10	7,850.00	84.29	79.62	92.10	1,175.13	2,174.62	1,901.83	1,740.14	161.69	11.762		
11,300.00	7,780.00	10,834.06	7,850.00	86.65	82.10	92.10	1,172.90	2,274.56	1,904.35	1,737.77	166.58	11.432		
11,400.00	7,780.00	10,934.03	7,850.00	89.04	84.58	92.10	1,170.66	2,374.51	1,906.87	1,735.38	171.50	11.119		
11,500.00	7,780.00	11,034.00	7,850.00	91.44	87.08	92.09	1,168.43	2,474.45	1,909.39	1,732.96	176.44	10.822		
11,600.00	7,780.00	11,133.97	7,850.00	93.86	89.60	92.09	1,166.19	2,574.39	1,911.92	1,730.51	181.41	10.539		
11,700.00	7,780.00	11,233.94	7,850.00	96.30	92.12	92.09	1,163.96	2,674.34	1,914.44	1,728.04	186.40	10.271		
11,800.00	7,780.00	11,333.90	7,850.00	98.75	94.65	92.08	1,161.72	2,774.28	1,916.96	1,725.54	191.41	10.015		
11,900.00	7,780.00	11,433.87	7,850.00	101.22	97.19	92.08	1,159.48	2,874.22	1,919.48	1,723.03	196.45	9.771		
12,000.00	7,780.00	11,533.84	7,850.00	103.69	99.73	92.08	1,157.25	2,974.17	1,922.00	1,720.50	201.50	9.539		
12,100.00	7,780.00	11,633.81	7,850.00	106.18	102.29	92.08	1,155.01	3,074.11	1,924.52	1,717.96	206.56	9.317		
12,200.00	7,780.00	11,733.78	7,850.00	108.68	104.85	92.07	1,152.78	3,174.05	1,927.04	1,715.39	211.65	9.105		
12,300.00	7,780.00	11,833.75	7,850.00	111.19	107.42	92.07	1,150.54	3,274.00	1,929.56	1,712.82	216.75	8.902		
12,400.00	7,780.00	11,933.71	7,850.00	113.70	109.99	92.07	1,148.31	3,373.94	1,932.08	1,710.22	221.86	8.709		
12,500.00	7,780.00	12,033.68	7,850.00	116.23	112.57	92.07	1,146.07	3,473.88	1,934.60	1,707.62	226.98	8.523		
12,600.00	7,780.00	12,133.65	7,850.00	118.76	115.16	92.06	1,143.84	3,573.82	1,937.12	1,705.00	232.12	8.345		
12,700.00	7,780.00	12,233.62	7,850.00	121.30	117.75	92.06	1,141.60	3,673.77	1,939.65	1,702.38	237.27	8.175		
12,800.00	7,780.00	12,333.59	7,850.00	123.84	120.34	92.06	1,139.36	3,773.71	1,942.17	1,699.74	242.43	8.011		
12,900.00	7,780.00	12,433.55	7,850.00	126.39	122.94	92.05	1,137.13	3,873.65	1,944.69	1,697.09	247.59	7.854		
13,000.00	7,780.00	12,533.52	7,850.00	128.95	125.55	92.05	1,134.89	3,973.60	1,947.21	1,694.44	252.77	7.703		
13,100.00	7,780.00	12,633.49	7,850.00	131.51	128.15	92.05	1,132.66	4,073.54	1,949.73	1,691.77	257.96	7.558		
13,200.00	7,780.00	12,733.46	7,850.00	134.08	130.76	92.05	1,130.42	4,173.48	1,952.25	1,689.10	263.15	7.419		
13,300.00	7,780.00	12,833.43	7,850.00	136.65	133.38	92.04	1,128.19	4,273.43	1,954.77	1,686.42	268.35	7.284		
13,400.00	7,780.00	12,933.40	7,850.00	139.23	136.00	92.04	1,125.95	4,373.37	1,957.29	1,683.73	273.56	7.155		
13,500.00	7,780.00	13,033.36	7,850.00	141.81	138.62	92.04	1,123.71	4,473.31	1,959.81	1,681.04	278.77	7.030		
13,600.00	7,780.00	13,133.33	7,850.00	144.40	141.24	92.04	1,121.48	4,573.26	1,962.33	1,678.34	284.00	6.910		
13,700.00	7,780.00	13,233.30	7,850.00	146.99	143.86	92.03	1,119.24	4,673.20	1,964.85	1,675.63	289.22	6.794		
13,800.00	7,780.00	13,333.27	7,850.00	149.58	146.49	92.03	1,117.01	4,773.14	1,967.38	1,672.92	294.46	6.681		
13,900.00	7,780.00	13,433.24	7,850.00	152.17	149.12	92.03	1,114.77	4,873.09	1,969.90	1,670.20	299.70	6.573		
14,000.00	7,780.00	13,533.20	7,850.00	154.77	151.76	92.03	1,112.54	4,973.03	1,972.42	1,667.48	304.94	6.468		
14,100.00	7,780.00	13,633.17	7,850.00	157.38	154.39	92.02	1,110.30	5,072.97	1,974.94	1,664.75	310.19	6.367		
14,200.00	7,780.00	13,733.14	7,850.00	159.98	157.03	92.02	1,108.07	5,172.92	1,977.46	1,662.02	315.44	6.269		
14,300.00	7,780.00	13,833.11	7,850.00	162.59	159.67	92.02	1,105.83	5,272.86	1,979.98	1,659.28	320.70	6.174		
14,400.00	7,780.00	13,933.08	7,850.00	165.20	162.31	92.02	1,103.59	5,372.80	1,982.50	1,656.54	325.96	6.082		
14,500.00	7,780.00	14,033.05	7,850.00	167.81	164.95	92.01	1,101.36	5,472.75	1,985.02	1,653.79	331.23	5.993		
14,600.00	7,780.00	14,133.01	7,850.00	170.43	167.60	92.01	1,099.12	5,572.69	1,987.54	1,651.04	336.50	5.907		
14,700.00	7,780.00	14,232.98	7,850.00	173.05	170.24	92.01	1,096.89	5,672.63	1,990.06	1,648.29	341.77	5.823		
14,800.00	7,780.00	14,332.95	7,850.00	175.67	172.89	92.01	1,094.65	5,772.57	1,992.59	1,645.53	347.05	5.741		
14,900.00	7,780.00	14,432.92	7,850.00	178.29	175.54	92.00	1,092.42	5,872.52	1,995.11	1,642.77	352.33	5.663		
15,000.00	7,780.00	14,532.89	7,850.00	180.92	178.19	92.00	1,090.18	5,972.46	1,997.63	1,640.01	357.62	5.586		
15,100.00	7,780.00	14,632.85	7,850.00	183.54	180.84	92.00	1,087.94	6,072.40	2,000.15	1,637.25	362.90	5.512		
15,200.00	7,780.00	14,732.82	7,850.00	186.17	183.49	92.00	1,085.71	6,172.35	2,002.67	1,634.48	368.19	5.439		
15,300.00	7,780.00	14,832.79	7,850.00	188.80	186.15	91.99	1,083.47	6,272.29	2,005.19	1,631.71	373.49	5.369		
15,400.00	7,780.00	14,932.76	7,850.00	191.43	188.80	91.99	1,081.24	6,372.23	2,007.71	1,628.93	378.78	5.300		
15,500.00	7,780.00	15,032.73	7,850.00	194.07	191.46	91.99	1,079.00	6,472.18	2,010.23	1,626.15	384.08	5.234		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - 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	7,780.00	15,132.70	7,850.00	196.70	194.12	91.99	1,076.77	6,572.12	2,012.75	1,623.38	389.38	5.169		
15,700.00	7,780.00	15,232.66	7,850.00	199.34	196.78	91.98	1,074.53	6,672.06	2,015.28	1,620.59	394.68	5.106		
15,800.00	7,780.00	15,332.63	7,850.00	201.98	199.44	91.98	1,072.30	6,772.01	2,017.80	1,617.81	399.99	5.045		
15,900.00	7,780.00	15,432.60	7,850.00	204.62	202.10	91.98	1,070.06	6,871.95	2,020.32	1,615.02	405.29	4.985		
16,000.00	7,780.00	15,532.57	7,850.00	207.26	204.76	91.98	1,067.82	6,971.89	2,022.84	1,612.24	410.60	4.927		
16,100.00	7,780.00	15,632.54	7,850.00	209.90	207.42	91.97	1,065.59	7,071.84	2,025.36	1,609.45	415.91	4.870		
16,200.00	7,780.00	15,732.50	7,850.00	212.54	210.09	91.97	1,063.35	7,171.78	2,027.88	1,606.65	421.23	4.814		
16,300.00	7,780.00	15,832.47	7,850.00	215.19	212.75	91.97	1,061.12	7,271.72	2,030.40	1,603.86	426.54	4.760		
16,400.00	7,780.00	15,932.44	7,850.00	217.83	215.42	91.97	1,058.88	7,371.67	2,032.92	1,601.06	431.86	4.707		
16,500.00	7,780.00	16,032.41	7,850.00	220.48	218.08	91.96	1,056.65	7,471.61	2,035.44	1,598.27	437.18	4.656		
16,600.00	7,780.00	16,132.38	7,850.00	223.13	220.75	91.96	1,054.41	7,571.55	2,037.96	1,595.47	442.50	4.606		
16,700.00	7,780.00	16,232.35	7,850.00	225.78	223.42	91.96	1,052.17	7,671.50	2,040.49	1,592.67	447.82	4.556		
16,800.00	7,780.00	16,332.31	7,850.00	228.43	226.09	91.96	1,049.94	7,771.44	2,043.01	1,589.86	453.14	4.509		
16,900.00	7,780.00	16,432.28	7,850.00	231.08	228.76	91.95	1,047.70	7,871.38	2,045.53	1,587.06	458.47	4.462		
17,000.00	7,780.00	16,532.25	7,850.00	233.73	231.42	91.95	1,045.47	7,971.32	2,048.05	1,584.25	463.79	4.416		
17,100.00	7,780.00	16,632.22	7,850.00	236.38	234.09	91.95	1,043.23	8,071.27	2,050.57	1,581.45	469.12	4.371		
17,200.00	7,780.00	16,732.19	7,850.00	239.04	236.77	91.95	1,041.00	8,171.21	2,053.09	1,578.64	474.45	4.327		
17,300.00	7,780.00	16,832.15	7,850.00	241.69	239.44	91.94	1,038.76	8,271.15	2,055.61	1,575.83	479.78	4.284		
17,400.00	7,780.00	16,932.12	7,850.00	244.35	242.11	91.94	1,036.53	8,371.10	2,058.13	1,573.02	485.11	4.243		
17,500.00	7,780.00	17,032.09	7,850.00	247.00	244.78	91.94	1,034.29	8,471.04	2,060.65	1,570.21	490.45	4.202		
17,600.00	7,780.00	17,132.06	7,850.00	249.66	247.45	91.94	1,032.05	8,570.98	2,063.18	1,567.39	495.78	4.161		
17,700.00	7,780.00	17,232.03	7,850.00	252.32	250.13	91.93	1,029.82	8,670.93	2,065.70	1,564.58	501.12	4.122		
17,800.00	7,780.00	17,332.00	7,850.00	254.98	252.80	91.93	1,027.58	8,770.87	2,068.22	1,561.77	506.45	4.084		
17,900.00	7,780.00	17,431.96	7,850.00	257.64	255.48	91.93	1,025.35	8,870.81	2,070.74	1,558.95	511.79	4.046		
18,000.00	7,780.00	17,531.93	7,850.00	260.30	258.15	91.93	1,023.11	8,970.76	2,073.26	1,556.13	517.13	4.009		
18,100.00	7,780.00	17,631.90	7,850.00	262.96	260.83	91.92	1,020.88	9,070.70	2,075.78	1,553.31	522.47	3.973		
18,200.00	7,780.00	17,731.87	7,850.00	265.62	263.50	91.92	1,018.64	9,170.64	2,078.30	1,550.49	527.81	3.938		
18,300.00	7,780.00	17,831.84	7,850.00	268.28	266.18	91.92	1,016.40	9,270.59	2,080.82	1,547.67	533.15	3.903		
18,400.00	7,780.00	17,931.80	7,850.00	270.94	268.86	91.92	1,014.17	9,370.53	2,083.34	1,544.85	538.49	3.869		
18,500.00	7,780.00	18,031.77	7,850.00	273.61	271.53	91.92	1,011.93	9,470.47	2,085.87	1,542.03	543.84	3.835		
18,600.00	7,780.00	18,131.74	7,850.00	276.27	274.21	91.91	1,009.70	9,570.42	2,088.39	1,539.21	549.18	3.803		
18,700.00	7,780.00	18,231.71	7,850.00	278.93	276.89	91.91	1,007.46	9,670.36	2,090.91	1,536.38	554.52	3.771		
18,800.00	7,780.00	18,331.68	7,850.00	281.60	279.57	91.91	1,005.23	9,770.30	2,093.43	1,533.56	559.87	3.739		
18,900.00	7,780.00	18,431.65	7,850.00	284.26	282.24	91.91	1,002.99	9,870.25	2,095.95	1,530.73	565.22	3.708		
19,000.00	7,780.00	18,531.61	7,850.00	286.93	284.92	91.90	1,000.76	9,970.19	2,098.47	1,527.91	570.56	3.678		
19,100.00	7,780.00	18,631.58	7,850.00	289.60	287.60	91.90	998.52	10,070.13	2,100.99	1,525.08	575.91	3.648		
19,200.00	7,780.00	18,731.55	7,850.00	292.26	290.28	91.90	996.28	10,170.07	2,103.51	1,522.25	581.26	3.619		
19,300.00	7,780.00	18,831.52	7,850.00	294.93	292.96	91.90	994.05	10,270.02	2,106.04	1,519.42	586.61	3.590		
19,400.00	7,780.00	18,931.49	7,850.00	297.60	295.64	91.89	991.81	10,369.96	2,108.56	1,516.59	591.96	3.562		
19,500.00	7,780.00	19,031.45	7,850.00	300.27	298.32	91.89	989.58	10,469.90	2,111.08	1,513.76	597.31	3.534		
19,600.00	7,780.00	19,131.42	7,850.00	302.94	301.00	91.89	987.34	10,569.85	2,113.60	1,510.93	602.66	3.507		
19,700.00	7,780.00	19,231.39	7,850.00	305.60	303.69	91.89	985.11	10,669.79	2,116.12	1,508.10	608.02	3.480		
19,800.00	7,780.00	19,331.36	7,850.00	308.27	306.37	91.89	982.87	10,769.73	2,118.64	1,505.27	613.37	3.454		
19,900.00	7,780.00	19,431.33	7,850.00	310.94	309.05	91.88	980.63	10,869.68	2,121.16	1,502.44	618.72	3.428		
20,000.00	7,780.00	19,531.30	7,850.00	313.61	311.73	91.88	978.40	10,969.62	2,123.68	1,499.61	624.08	3.403		
20,100.00	7,780.00	19,631.26	7,850.00	316.28	314.41	91.88	976.16	11,069.56	2,126.20	1,496.77	629.43	3.378		
20,200.00	7,780.00	19,731.23	7,850.00	318.95	317.09	91.88	973.93	11,169.51	2,128.73	1,493.94	634.79	3.353		
20,300.00	7,780.00	19,831.20	7,850.00	321.63	319.78	91.87	971.69	11,269.45	2,131.25	1,491.10	640.14	3.329		
20,400.00	7,780.00	19,931.17	7,850.00	324.30	322.46	91.87	969.46	11,369.39	2,133.77	1,488.27	645.50	3.306		
20,500.00	7,780.00	20,031.14	7,850.00	326.97	325.14	91.87	967.22	11,469.34	2,136.29	1,485.43	650.86	3.282		
20,600.00	7,780.00	20,131.10	7,850.00	329.64	327.83	91.87	964.99	11,569.28	2,138.81	1,482.60	656.21	3.259		
20,700.00	7,780.00	20,231.07	7,850.00	332.32	330.51	91.87	962.75	11,669.22	2,141.33	1,479.76	661.57	3.237		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - 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		
20,800.00	7,780.00	20,331.04	7,850.00	334.99	333.19	91.86	960.51	11,769.17	2,143.85	1,476.92	666.93	3.215		
20,900.00	7,780.00	20,431.01	7,850.00	337.66	335.88	91.86	958.28	11,869.11	2,146.37	1,474.08	672.29	3.193		
21,000.00	7,780.00	20,530.98	7,850.00	340.34	338.56	91.86	956.04	11,969.05	2,148.90	1,471.25	677.65	3.171		
21,100.00	7,780.00	20,630.95	7,850.00	343.01	341.25	91.86	953.81	12,069.00	2,151.42	1,468.41	683.01	3.150		
21,200.00	7,780.00	20,730.91	7,850.00	345.68	343.93	91.85	951.57	12,168.94	2,153.94	1,465.57	688.37	3.129		
21,300.00	7,780.00	20,830.88	7,850.00	348.36	346.62	91.85	949.34	12,268.88	2,156.46	1,462.73	693.73	3.108		
21,400.00	7,780.00	20,930.85	7,850.00	351.03	349.30	91.85	947.10	12,368.82	2,158.98	1,459.89	699.09	3.088		
21,500.00	7,780.00	21,030.82	7,850.00	353.71	351.99	91.85	944.86	12,468.77	2,161.50	1,457.05	704.45	3.068		
21,600.00	7,780.00	21,130.79	7,850.00	356.38	354.67	91.85	942.63	12,568.71	2,164.02	1,454.21	709.81	3.049		
21,700.00	7,780.00	21,230.75	7,850.00	359.06	357.36	91.84	940.39	12,668.65	2,166.54	1,451.37	715.18	3.029		
21,800.00	7,780.00	21,330.72	7,850.00	361.73	360.04	91.84	938.16	12,768.60	2,169.07	1,448.53	720.54	3.010		
21,900.00	7,780.00	21,430.69	7,850.00	364.41	362.73	91.84	935.92	12,868.54	2,171.59	1,445.68	725.90	2.992		
22,000.00	7,780.00	21,530.66	7,850.00	367.09	365.42	91.84	933.69	12,968.48	2,174.11	1,442.84	731.27	2.973		
22,100.00	7,780.00	21,630.63	7,850.00	369.76	368.10	91.84	931.45	13,068.43	2,176.63	1,440.00	736.63	2.955		
22,200.00	7,780.00	21,730.60	7,850.00	372.44	370.79	91.83	929.21	13,168.37	2,179.15	1,437.16	741.99	2.937		
22,300.00	7,780.00	21,830.56	7,850.00	375.12	373.47	91.83	926.98	13,268.31	2,181.67	1,434.31	747.36	2.919		
22,400.00	7,780.00	21,930.53	7,850.00	377.79	376.16	91.83	924.74	13,368.26	2,184.19	1,431.47	752.72	2.902		
22,500.00	7,780.00	22,030.50	7,850.00	380.47	378.85	91.83	922.51	13,468.20	2,186.71	1,428.62	758.09	2.885		
22,600.00	7,780.00	22,130.47	7,850.00	383.15	381.54	91.83	920.27	13,568.14	2,189.24	1,425.78	763.46	2.868		
22,700.00	7,780.00	22,230.44	7,850.00	385.83	384.22	91.82	918.04	13,668.09	2,191.76	1,422.94	768.82	2.851		
22,800.00	7,780.00	22,330.40	7,850.00	388.51	386.91	91.82	915.80	13,768.03	2,194.28	1,420.09	774.19	2.834		
22,900.00	7,780.00	22,430.37	7,850.00	391.18	389.60	91.82	913.57	13,867.97	2,196.80	1,417.25	779.55	2.818		
23,000.00	7,780.00	22,530.34	7,850.00	393.86	392.28	91.82	911.33	13,967.92	2,199.32	1,414.40	784.92	2.802		
23,100.00	7,780.00	22,630.31	7,850.00	396.54	394.97	91.81	909.09	14,067.86	2,201.84	1,411.55	790.29	2.786		
23,200.00	7,780.00	22,730.28	7,850.00	399.22	397.66	91.81	906.86	14,167.80	2,204.36	1,408.71	795.66	2.770		
23,300.00	7,780.00	22,830.25	7,850.00	401.90	400.35	91.81	904.62	14,267.75	2,206.88	1,405.86	801.02	2.755		
23,400.00	7,780.00	22,930.21	7,850.00	404.58	403.04	91.81	902.39	14,367.69	2,209.41	1,403.02	806.39	2.740		
23,500.00	7,780.00	23,030.18	7,850.00	407.26	405.72	91.81	900.15	14,467.63	2,211.93	1,400.17	811.76	2.725		
23,600.00	7,780.00	23,130.15	7,850.00	409.94	408.41	91.80	897.92	14,567.57	2,214.45	1,397.32	817.13	2.710		
23,700.00	7,780.00	23,230.12	7,850.00	412.62	411.10	91.80	895.68	14,667.52	2,216.97	1,394.47	822.50	2.695		
23,800.00	7,780.00	23,330.09	7,850.00	415.30	413.79	91.80	893.44	14,767.46	2,219.49	1,391.63	827.87	2.681		
23,900.00	7,780.00	23,430.05	7,850.00	417.98	416.48	91.80	891.21	14,867.40	2,222.01	1,388.78	833.23	2.667		
24,000.00	7,780.00	23,530.02	7,850.00	420.66	419.17	91.80	888.97	14,967.35	2,224.53	1,385.93	838.60	2.653		
24,100.00	7,780.00	23,629.99	7,850.00	423.34	421.86	91.79	886.74	15,067.29	2,227.06	1,383.08	843.97	2.639		
24,200.00	7,780.00	23,729.96	7,850.00	426.02	424.54	91.79	884.50	15,167.23	2,229.58	1,380.23	849.34	2.625		
24,225.31	7,780.00	23,755.26	7,850.00	426.70	425.23	91.79	883.94	15,192.53	2,230.21	1,379.51	850.70	2.622 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3AH - 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	0.40	0.40	0.00	0.00	-179.80	-80.14	-0.28	80.14					
100.00	100.00	100.40	100.40	0.13	0.14	-179.80	-80.14	-0.28	80.14	79.87	0.27	296.498	CC, ES	
200.00	199.98	200.38	200.38	0.50	0.49	-164.57	-80.14	-0.28	81.82	80.83	0.99	82.642		
300.00	299.84	300.24	300.24	0.86	0.85	-165.47	-80.14	-0.28	86.88	85.16	1.72	50.607		
400.00	399.45	400.15	399.85	1.23	1.21	-166.74	-80.14	-0.28	95.34	92.89	2.45	38.993		
500.00	498.70	499.10	499.10	1.63	1.57	-168.18	-80.14	-0.28	107.24	104.07	3.17	33.805		
600.00	597.47	601.00	600.98	2.05	1.93	-169.10	-78.95	-1.61	121.34	117.43	3.90	31.079		
700.00	695.62	703.22	703.05	2.49	2.29	-169.03	-75.33	-5.64	136.28	131.63	4.64	29.349		
800.00	793.06	805.68	805.10	2.98	2.67	-168.26	-69.26	-12.41	152.04	146.65	5.40	28.173		
900.00	889.64	908.33	906.95	3.50	3.06	-167.00	-60.73	-21.90	168.68	162.51	6.17	27.334		
1,000.00	985.27	1,009.29	1,006.66	4.06	3.46	-165.48	-50.15	-33.69	186.46	179.49	6.97	26.757		
1,100.00	1,079.82	1,107.06	1,103.11	4.66	3.86	-164.34	-39.47	-45.59	207.19	199.41	7.78	26.630		
1,200.00	1,173.17	1,204.09	1,198.84	5.31	4.27	-163.61	-28.87	-57.40	231.23	222.63	8.60	26.873		
1,300.00	1,265.21	1,300.29	1,293.73	6.01	4.67	-163.21	-18.37	-69.11	258.52	249.08	9.44	27.390		
1,400.00	1,356.40	1,395.90	1,388.06	6.74	5.08	-163.12	-7.92	-80.75	287.80	277.53	10.28	28.007		
1,500.00	1,447.57	1,508.49	1,482.39	7.49	5.57	-163.06	2.52	-92.39	317.11	305.92	11.19	28.350		
1,600.00	1,538.75	1,587.12	1,576.71	8.24	5.91	-163.02	12.97	-104.03	346.42	334.45	11.96	28.960		
1,700.00	1,629.92	1,682.73	1,671.03	8.99	6.33	-162.98	23.41	-115.66	375.72	362.91	12.81	29.323		
1,800.00	1,721.09	1,778.34	1,765.35	9.75	6.75	-162.95	33.86	-127.30	405.03	391.36	13.67	29.632		
1,900.00	1,812.27	1,873.95	1,859.67	10.51	7.17	-162.92	44.30	-138.94	434.33	419.81	14.53	29.897		
2,000.00	1,903.44	1,969.56	1,953.99	11.28	7.59	-162.89	54.75	-150.57	463.64	448.25	15.39	30.127		
2,100.00	1,994.61	2,065.17	2,048.32	12.04	8.01	-162.87	65.19	-162.21	492.95	476.69	16.25	30.328		
2,200.00	2,085.78	2,160.78	2,142.64	12.81	8.43	-162.85	75.63	-173.85	522.25	505.13	17.12	30.506		
2,300.00	2,176.96	2,256.39	2,236.96	13.58	8.86	-162.84	86.08	-185.49	551.56	533.57	17.99	30.663		
2,400.00	2,268.13	2,351.99	2,331.28	14.35	9.28	-162.82	96.52	-197.12	580.87	562.01	18.86	30.803		
2,500.00	2,359.30	2,447.60	2,425.60	15.12	9.71	-162.81	106.97	-208.76	610.17	590.45	19.73	30.928		
2,600.00	2,450.48	2,543.21	2,519.92	15.89	10.13	-162.79	117.41	-220.40	639.48	618.88	20.60	31.042		
2,700.00	2,541.65	2,638.82	2,614.25	16.67	10.56	-162.78	127.86	-232.04	668.79	647.31	21.47	31.144		
2,800.00	2,632.82	2,734.43	2,708.57	17.44	10.99	-162.77	138.30	-243.67	698.10	675.75	22.35	31.238		
2,900.00	2,724.00	2,830.04	2,802.89	18.21	11.41	-162.76	148.74	-255.31	727.40	704.18	23.22	31.323		
3,000.00	2,815.17	2,925.65	2,897.21	18.99	11.84	-162.75	159.19	-266.95	756.71	732.61	24.10	31.401		
3,100.00	2,906.34	3,021.26	2,991.53	19.76	12.27	-162.74	169.63	-278.59	786.02	761.04	24.97	31.473		
3,200.00	2,997.52	3,116.87	3,085.85	20.54	12.69	-162.74	180.08	-290.22	815.32	789.47	25.85	31.539		
3,300.00	3,088.69	3,212.48	3,180.18	21.31	13.12	-162.73	190.52	-301.86	844.63	817.90	26.73	31.600		
3,400.00	3,179.86	3,308.08	3,274.50	22.09	13.55	-162.72	200.97	-313.50	873.94	846.33	27.61	31.657		
3,500.00	3,271.04	3,403.69	3,368.82	22.86	13.98	-162.72	211.41	-325.13	903.24	874.76	28.48	31.709		
3,600.00	3,362.21	3,500.70	3,463.14	23.64	14.41	-162.71	221.85	-336.77	932.55	903.18	29.37	31.752		
3,700.00	3,453.38	3,605.09	3,557.46	24.42	14.88	-162.71	232.30	-348.41	961.86	931.57	30.29	31.760		
3,800.00	3,544.56	3,709.48	3,651.78	25.19	15.35	-162.70	242.74	-360.05	991.17	959.96	31.20	31.766		
3,900.00	3,635.73	3,786.13	3,746.11	25.97	15.69	-162.70	253.19	-371.68	1,020.47	988.47	32.00	31.888		
4,000.00	3,726.90	3,881.74	3,840.43	26.75	16.12	-162.69	263.63	-383.32	1,049.78	1,016.90	32.88	31.925		
4,100.00	3,818.08	3,977.35	3,934.75	27.53	16.55	-162.69	274.08	-394.96	1,079.09	1,045.32	33.76	31.961		
4,200.00	3,909.25	4,072.96	4,029.07	28.30	16.98	-162.68	284.52	-406.60	1,108.39	1,073.75	34.64	31.995		
4,300.00	4,000.42	4,168.57	4,123.39	29.08	17.40	-162.68	294.96	-418.23	1,137.70	1,102.18	35.52	32.026		
4,400.00	4,091.60	4,264.18	4,217.71	29.86	17.83	-162.67	305.41	-429.87	1,167.01	1,130.60	36.41	32.056		
4,500.00	4,182.77	4,359.78	4,312.04	30.64	18.26	-162.67	315.85	-441.51	1,196.31	1,159.03	37.29	32.084		
4,600.00	4,273.94	4,455.39	4,406.36	31.41	18.69	-162.67	326.30	-453.15	1,225.62	1,187.45	38.17	32.111		
4,700.00	4,365.12	4,551.00	4,500.68	32.19	19.12	-162.66	336.74	-464.78	1,254.93	1,215.88	39.05	32.136		
4,800.00	4,456.29	4,646.61	4,595.00	32.97	19.55	-162.66	347.19	-476.42	1,284.24	1,244.30	39.93	32.161		
4,900.00	4,547.46	4,742.22	4,689.32	33.75	19.98	-162.66	357.63	-488.06	1,313.54	1,272.73	40.81	32.184		
5,000.00	4,638.63	4,837.83	4,783.64	34.52	20.41	-162.66	368.07	-499.70	1,342.85	1,301.15	41.70	32.205		
5,100.00	4,729.81	4,933.44	4,877.97	35.30	20.84	-162.65	378.52	-511.33	1,372.16	1,329.58	42.58	32.226		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3AH - 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	4,820.98	5,029.05	4,972.29	36.08	21.27	-162.65	388.96	-522.97	1,401.46	1,358.00	43.46	32.246		
5,300.00	4,912.15	5,124.66	5,066.61	36.86	21.70	-162.65	399.41	-534.61	1,430.77	1,386.43	44.34	32.265		
5,400.00	5,003.33	5,220.27	5,160.93	37.64	22.13	-162.65	409.85	-546.24	1,460.08	1,414.85	45.23	32.283		
5,500.00	5,094.50	5,315.87	5,255.25	38.42	22.56	-162.64	420.30	-557.88	1,489.39	1,443.28	46.11	32.300		
5,600.00	5,185.67	5,411.48	5,349.57	39.19	22.98	-162.64	430.74	-569.52	1,518.69	1,471.70	46.99	32.317		
5,700.00	5,276.85	5,507.09	5,443.90	39.97	23.41	-162.64	441.18	-581.16	1,548.00	1,500.12	47.88	32.333		
5,800.00	5,368.02	5,602.70	5,538.22	40.75	23.84	-162.64	451.63	-592.79	1,577.31	1,528.55	48.76	32.348		
5,900.00	5,459.19	5,701.69	5,632.54	41.53	24.29	-162.64	462.07	-604.43	1,606.61	1,556.96	49.66	32.353		
6,000.00	5,550.37	5,806.08	5,726.86	42.31	24.76	-162.63	472.52	-616.07	1,635.92	1,585.34	50.58	32.343		
6,100.00	5,641.54	5,889.53	5,821.18	43.09	25.13	-162.63	482.96	-627.71	1,665.23	1,613.82	51.41	32.390		
6,200.00	5,732.71	5,985.14	5,915.50	43.87	25.56	-162.63	493.41	-639.34	1,694.54	1,642.24	52.30	32.402		
6,300.00	5,823.89	6,080.75	6,009.83	44.64	25.99	-162.63	503.85	-650.98	1,723.84	1,670.66	53.18	32.415		
6,400.00	5,915.06	6,176.36	6,104.15	45.42	26.42	-162.63	514.29	-662.62	1,753.15	1,699.08	54.07	32.427		
6,500.00	6,006.23	6,271.97	6,198.47	46.20	26.85	-162.62	524.74	-674.26	1,782.46	1,727.51	54.95	32.438		
6,600.00	6,097.41	6,367.57	6,292.79	46.98	27.28	-162.62	535.18	-685.89	1,811.76	1,755.93	55.83	32.449		
6,700.00	6,188.58	6,463.18	6,387.11	47.76	27.71	-162.62	545.63	-697.53	1,841.07	1,784.35	56.72	32.459		
6,800.00	6,279.75	6,558.79	6,481.43	48.54	28.14	-162.62	556.07	-709.17	1,870.38	1,812.77	57.60	32.470		
6,900.00	6,370.93	6,654.40	6,575.76	49.32	28.57	-162.62	566.52	-720.80	1,899.69	1,841.20	58.49	32.479		
7,000.00	6,462.10	6,750.01	6,670.08	50.10	29.00	-162.62	576.96	-732.44	1,928.99	1,869.62	59.37	32.489		
7,100.00	6,553.27	6,845.62	6,764.40	50.88	29.43	-162.62	587.40	-744.08	1,958.30	1,898.04	60.26	32.498		
7,200.00	6,644.45	6,941.23	6,858.72	51.65	29.86	-162.62	597.85	-755.72	1,987.61	1,926.46	61.14	32.507		
7,300.00	6,735.62	7,036.84	6,953.04	52.43	30.29	-162.61	608.29	-767.35	2,016.91	1,954.88	62.03	32.515		
7,400.00	6,826.79	7,132.45	7,047.36	53.21	30.72	-162.61	618.74	-778.99	2,046.22	1,983.31	62.92	32.523		
7,500.00	6,917.96	7,228.10	7,141.73	53.99	31.15	-162.61	629.19	-790.63	2,075.53	2,011.73	63.80	32.531		
7,600.00	7,009.14	7,323.69	7,238.56	54.77	31.52	-162.85	639.81	-793.99	2,104.78	2,040.23	64.55	32.606		
7,700.00	7,100.31	7,417.94	7,329.39	55.55	31.76	-163.50	649.59	-781.94	2,134.12	2,069.10	65.02	32.821		
7,800.00	7,191.48	7,501.07	7,408.68	56.33	31.90	-164.40	657.97	-758.65	2,164.01	2,098.73	65.28	33.149		
7,900.00	7,283.04	7,576.79	7,477.31	57.06	31.98	170.42	665.10	-727.59	2,194.98	2,129.57	65.41	33.556		
8,000.00	7,373.73	7,650.00	7,539.25	57.68	32.01	145.90	671.41	-689.18	2,226.42	2,160.92	65.49	33.994		
8,100.00	7,460.79	7,721.07	7,594.26	58.18	32.02	127.55	676.89	-644.59	2,257.16	2,191.60	65.57	34.426		
8,200.00	7,541.58	7,791.11	7,642.72	58.56	32.01	114.69	681.58	-594.29	2,286.11	2,220.45	65.67	34.814		
8,300.00	7,613.66	7,860.41	7,684.31	58.83	31.99	105.64	685.46	-539.04	2,312.27	2,246.43	65.84	35.121		
8,400.00	7,674.81	7,929.29	7,718.78	59.00	31.98	99.23	688.52	-479.54	2,334.77	2,268.64	66.13	35.303		
8,500.00	7,723.20	8,000.00	7,746.54	59.08	31.99	94.76	690.78	-414.59	2,352.90	2,286.30	66.60	35.327		
8,600.00	7,757.34	8,066.61	7,765.23	59.09	32.04	91.87	692.06	-350.71	2,366.08	2,298.78	67.30	35.158		
8,700.00	7,776.21	8,135.31	7,776.66	59.03	32.16	90.32	692.50	-283.01	2,373.91	2,305.69	68.23	34.795		
8,800.00	7,780.00	8,207.20	7,780.00	58.92	32.39	89.99	692.00	-211.24	2,376.51	2,307.12	69.38	34.252		
8,900.00	7,780.00	8,307.19	7,780.00	58.81	32.96	89.99	690.81	-111.26	2,377.99	2,307.07	70.92	33.531		
9,000.00	7,780.00	8,407.18	7,780.00	58.73	33.83	89.99	689.62	-11.28	2,379.47	2,306.65	72.82	32.675		
9,100.00	7,780.00	8,507.17	7,780.00	58.67	34.96	89.99	688.42	88.70	2,380.95	2,305.88	75.07	31.718		
9,200.00	7,780.00	8,607.16	7,780.00	58.64	36.29	89.99	687.23	188.68	2,382.43	2,304.81	77.62	30.693		
9,300.00	7,780.00	8,707.15	7,780.00	58.63	37.78	89.99	686.03	288.67	2,383.91	2,303.45	80.46	29.629		
9,400.00	7,780.00	8,807.14	7,780.00	58.67	39.41	89.99	684.84	388.65	2,385.39	2,301.84	83.55	28.552		
9,500.00	7,780.00	8,907.13	7,780.00	58.76	41.15	89.99	683.65	488.63	2,386.87	2,300.01	86.86	27.480		
9,600.00	7,780.00	9,007.12	7,780.00	58.91	42.99	89.99	682.45	588.61	2,388.35	2,297.98	90.37	26.428		
9,700.00	7,780.00	9,107.11	7,780.00	59.15	44.92	89.99	681.26	688.59	2,389.83	2,295.77	94.06	25.407		
9,800.00	7,780.00	9,207.09	7,780.00	59.53	46.93	89.99	680.06	788.58	2,391.31	2,293.40	97.91	24.424		
9,900.00	7,780.00	9,307.08	7,780.00	60.09	49.00	89.99	678.87	888.56	2,392.79	2,290.90	101.89	23.484		
10,000.00	7,780.00	9,407.07	7,780.00	60.91	51.13	89.99	677.68	988.54	2,394.27	2,288.27	106.00	22.587		
10,100.00	7,780.00	9,507.06	7,780.00	62.01	53.31	89.99	676.48	1,088.52	2,395.75	2,285.53	110.22	21.735		
10,200.00	7,780.00	9,607.05	7,780.00	63.39	55.53	89.99	675.29	1,188.50	2,397.23	2,282.69	114.54	20.929		
10,300.00	7,780.00	9,707.04	7,780.00	65.02	57.80	89.99	674.10	1,288.49	2,398.71	2,279.77	118.95	20.166		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3AH - 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	7,780.00	9,807.03	7,780.00	66.83	60.09	89.99	672.90	1,388.47	2,400.19	2,276.76	123.43	19.446		
10,500.00	7,780.00	9,907.02	7,780.00	68.78	62.42	89.99	671.71	1,488.45	2,401.67	2,273.69	127.98	18.766		
10,600.00	7,780.00	10,007.01	7,780.00	70.83	64.78	89.99	670.51	1,588.43	2,403.15	2,270.56	132.60	18.124		
10,700.00	7,780.00	10,107.00	7,780.00	72.95	67.17	89.99	669.32	1,688.41	2,404.63	2,267.36	137.27	17.518		
10,800.00	7,780.00	10,206.98	7,780.00	75.14	69.57	89.99	668.13	1,788.40	2,406.11	2,264.12	141.99	16.946		
10,900.00	7,780.00	10,306.97	7,780.00	77.37	72.00	89.99	666.93	1,888.38	2,407.59	2,260.83	146.76	16.405		
11,000.00	7,780.00	10,406.96	7,780.00	79.65	74.44	89.99	665.74	1,988.36	2,409.07	2,257.51	151.57	15.894		
11,100.00	7,780.00	10,506.95	7,780.00	81.96	76.90	89.99	664.54	2,088.34	2,410.55	2,254.14	156.42	15.411		
11,200.00	7,780.00	10,606.94	7,780.00	84.29	79.38	89.99	663.35	2,188.32	2,412.03	2,250.74	161.30	14.954		
11,300.00	7,780.00	10,706.93	7,780.00	86.65	81.87	89.99	662.16	2,288.30	2,413.52	2,247.31	166.21	14.521		
11,400.00	7,780.00	10,806.92	7,780.00	89.04	84.37	89.99	660.96	2,388.29	2,415.00	2,243.84	171.15	14.110		
11,500.00	7,780.00	10,906.91	7,780.00	91.44	86.88	89.99	659.77	2,488.27	2,416.48	2,240.36	176.12	13.721		
11,600.00	7,780.00	11,006.90	7,780.00	93.86	89.41	89.99	658.57	2,588.25	2,417.96	2,236.85	181.11	13.351		
11,700.00	7,780.00	11,106.89	7,780.00	96.30	91.94	89.99	657.38	2,688.23	2,419.44	2,233.31	186.12	12.999		
11,800.00	7,780.00	11,206.88	7,780.00	98.75	94.48	89.99	656.19	2,788.21	2,420.92	2,229.76	191.16	12.665		
11,900.00	7,780.00	11,306.86	7,780.00	101.22	97.04	89.99	654.99	2,888.20	2,422.40	2,226.19	196.21	12.346		
12,000.00	7,780.00	11,406.85	7,780.00	103.69	99.59	89.99	653.80	2,988.18	2,423.88	2,222.60	201.28	12.042		
12,100.00	7,780.00	11,506.84	7,780.00	106.18	102.16	89.99	652.61	3,088.16	2,425.36	2,218.99	206.37	11.753		
12,200.00	7,780.00	11,606.83	7,780.00	108.68	104.73	89.99	651.41	3,188.14	2,426.84	2,215.37	211.47	11.476		
12,300.00	7,780.00	11,706.82	7,780.00	111.19	107.31	89.99	650.22	3,288.12	2,428.32	2,211.74	216.58	11.212		
12,400.00	7,780.00	11,806.81	7,780.00	113.70	109.89	89.99	649.02	3,388.11	2,429.80	2,208.09	221.71	10.959		
12,500.00	7,780.00	11,906.80	7,780.00	116.23	112.48	89.99	647.83	3,488.09	2,431.28	2,204.43	226.85	10.717		
12,600.00	7,780.00	12,006.79	7,780.00	118.76	115.08	89.99	646.64	3,588.07	2,432.76	2,200.76	232.00	10.486		
12,700.00	7,780.00	12,106.78	7,780.00	121.30	117.67	89.99	645.44	3,688.05	2,434.24	2,197.07	237.16	10.264		
12,800.00	7,780.00	12,206.77	7,780.00	123.84	120.28	89.99	644.25	3,788.03	2,435.72	2,193.38	242.34	10.051		
12,900.00	7,780.00	12,306.75	7,780.00	126.39	122.88	89.99	643.05	3,888.02	2,437.20	2,189.68	247.52	9.847		
13,000.00	7,780.00	12,406.74	7,780.00	128.95	125.49	89.99	641.86	3,988.00	2,438.68	2,185.97	252.71	9.650		
13,100.00	7,780.00	12,506.73	7,780.00	131.51	128.11	89.99	640.67	4,087.98	2,440.16	2,182.25	257.91	9.461		
13,200.00	7,780.00	12,606.72	7,780.00	134.08	130.72	89.99	639.47	4,187.96	2,441.64	2,178.53	263.11	9.280		
13,300.00	7,780.00	12,706.71	7,780.00	136.65	133.34	89.99	638.28	4,287.94	2,443.12	2,174.80	268.32	9.105		
13,400.00	7,780.00	12,806.70	7,780.00	139.23	135.97	89.99	637.08	4,387.93	2,444.60	2,171.06	273.54	8.937		
13,500.00	7,780.00	12,906.69	7,780.00	141.81	138.59	89.99	635.89	4,487.91	2,446.08	2,167.31	278.77	8.775		
13,600.00	7,780.00	13,006.68	7,780.00	144.40	141.22	89.99	634.70	4,587.89	2,447.56	2,163.56	284.00	8.618		
13,700.00	7,780.00	13,106.67	7,780.00	146.99	143.85	89.99	633.50	4,687.87	2,449.04	2,159.80	289.24	8.467		
13,800.00	7,780.00	13,206.66	7,780.00	149.58	146.48	89.99	632.31	4,787.85	2,450.52	2,156.04	294.48	8.321		
13,900.00	7,780.00	13,306.65	7,780.00	152.17	149.12	89.99	631.12	4,887.83	2,452.00	2,152.27	299.73	8.181		
14,000.00	7,780.00	13,406.63	7,780.00	154.77	151.76	89.99	629.92	4,987.82	2,453.48	2,148.50	304.99	8.045		
14,100.00	7,780.00	13,506.62	7,780.00	157.38	154.40	89.99	628.73	5,087.80	2,454.96	2,144.72	310.24	7.913		
14,200.00	7,780.00	13,606.61	7,780.00	159.98	157.04	89.99	627.53	5,187.78	2,456.44	2,140.94	315.51	7.786		
14,300.00	7,780.00	13,706.60	7,780.00	162.59	159.68	89.99	626.34	5,287.76	2,457.92	2,137.15	320.77	7.663		
14,400.00	7,780.00	13,806.59	7,780.00	165.20	162.33	89.99	625.15	5,387.74	2,459.40	2,133.36	326.04	7.543		
14,500.00	7,780.00	13,906.58	7,780.00	167.81	164.97	89.99	623.95	5,487.73	2,460.88	2,129.57	331.32	7.428		
14,600.00	7,780.00	14,006.57	7,780.00	170.43	167.62	89.99	622.76	5,587.71	2,462.36	2,125.77	336.60	7.315		
14,700.00	7,780.00	14,106.56	7,780.00	173.05	170.27	89.99	621.56	5,687.69	2,463.85	2,121.97	341.88	7.207		
14,800.00	7,780.00	14,206.55	7,780.00	175.67	172.92	89.99	620.37	5,787.67	2,465.33	2,118.16	347.16	7.101		
14,900.00	7,780.00	14,306.54	7,780.00	178.29	175.58	89.99	619.18	5,887.65	2,466.81	2,114.36	352.45	6.999		
15,000.00	7,780.00	14,406.52	7,780.00	180.92	178.23	89.99	617.98	5,987.64	2,468.29	2,110.55	357.74	6.900		
15,100.00	7,780.00	14,506.51	7,780.00	183.54	180.88	89.99	616.79	6,087.62	2,469.77	2,106.73	363.03	6.803		
15,200.00	7,780.00	14,606.50	7,780.00	186.17	183.54	89.99	615.59	6,187.60	2,471.25	2,102.92	368.33	6.709		
15,300.00	7,780.00	14,706.49	7,780.00	188.80	186.20	89.99	614.40	6,287.58	2,472.73	2,099.10	373.63	6.618		
15,400.00	7,780.00	14,806.48	7,780.00	191.43	188.86	89.99	613.21	6,387.56	2,474.21	2,095.27	378.93	6.529		
15,500.00	7,780.00	14,906.47	7,780.00	194.07	191.52	89.99	612.01	6,487.55	2,475.69	2,091.45	384.24	6.443		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3AH - 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	7,780.00	15,006.46	7,780.00	196.70	194.18	89.99	610.82	6,587.53	2,477.17	2,087.62	389.54	6.359		
15,700.00	7,780.00	15,106.45	7,780.00	199.34	196.84	89.99	609.63	6,687.51	2,478.65	2,083.80	394.85	6.277		
15,800.00	7,780.00	15,206.44	7,780.00	201.98	199.50	89.99	608.43	6,787.49	2,480.13	2,079.97	400.16	6.198		
15,900.00	7,780.00	15,306.43	7,780.00	204.62	202.16	89.99	607.24	6,887.47	2,481.61	2,076.13	405.48	6.120		
16,000.00	7,780.00	15,406.42	7,780.00	207.26	204.83	89.99	606.04	6,987.46	2,483.09	2,072.30	410.79	6.045		
16,100.00	7,780.00	15,506.40	7,780.00	209.90	207.49	89.99	604.85	7,087.44	2,484.57	2,068.46	416.11	5.971		
16,200.00	7,780.00	15,606.39	7,780.00	212.54	210.16	89.99	603.66	7,187.42	2,486.05	2,064.62	421.43	5.899		
16,300.00	7,780.00	15,706.38	7,780.00	215.19	212.82	89.99	602.46	7,287.40	2,487.53	2,060.78	426.75	5.829		
16,400.00	7,780.00	15,796.14	7,780.00	217.83	215.22	89.99	601.37	7,377.15	2,489.06	2,057.37	431.68	5.766		
16,500.00	7,780.00	15,849.61	7,780.00	220.48	216.65	89.99	600.01	7,430.60	2,491.88	2,056.73	435.15	5.726		
16,600.00	7,780.00	15,903.01	7,780.00	223.13	218.07	89.99	597.66	7,483.95	2,496.57	2,058.09	438.48	5.694		
16,700.00	7,780.00	16,007.17	7,780.00	225.78	220.85	89.99	592.53	7,573.63	2,502.54	2,058.81	443.73	5.640		
16,800.00	7,780.00	16,107.35	7,780.00	228.43	223.53	89.99	586.81	7,673.28	2,508.56	2,059.50	449.06	5.586		
16,900.00	7,780.00	16,207.53	7,780.00	231.08	226.20	89.99	581.09	7,772.94	2,514.58	2,060.18	454.40	5.534		
17,000.00	7,780.00	16,307.71	7,780.00	233.73	228.88	89.99	575.36	7,872.59	2,520.60	2,060.87	459.74	5.483		
17,100.00	7,780.00	16,407.89	7,780.00	236.38	231.56	89.99	569.64	7,972.25	2,526.62	2,061.55	465.07	5.433		
17,200.00	7,780.00	16,508.07	7,780.00	239.04	234.24	89.99	563.92	8,071.90	2,532.64	2,062.23	470.41	5.384		
17,300.00	7,780.00	16,608.25	7,780.00	241.69	236.92	89.99	558.19	8,171.56	2,538.66	2,062.91	475.75	5.336		
17,400.00	7,780.00	16,708.44	7,780.00	244.35	239.60	89.99	552.47	8,271.21	2,544.68	2,063.58	481.09	5.289		
17,500.00	7,780.00	16,808.62	7,780.00	247.00	242.28	89.99	546.75	8,370.87	2,550.70	2,064.26	486.43	5.244		
17,600.00	7,780.00	16,908.80	7,780.00	249.66	244.96	89.99	541.03	8,470.52	2,556.71	2,064.94	491.78	5.199		
17,700.00	7,780.00	17,008.98	7,780.00	252.32	247.64	89.99	535.30	8,570.17	2,562.73	2,065.61	497.12	5.155		
17,800.00	7,780.00	17,109.16	7,780.00	254.98	250.32	89.99	529.58	8,669.83	2,568.75	2,066.28	502.47	5.112		
17,900.00	7,780.00	17,209.34	7,780.00	257.64	253.00	89.99	523.86	8,769.48	2,574.77	2,066.96	507.82	5.070		
18,000.00	7,780.00	17,309.52	7,780.00	260.30	255.69	89.99	518.14	8,869.14	2,580.79	2,067.63	513.16	5.029		
18,100.00	7,780.00	17,409.70	7,780.00	262.96	258.37	89.99	512.41	8,968.79	2,586.81	2,068.30	518.51	4.989		
18,200.00	7,780.00	17,509.89	7,780.00	265.62	261.05	89.99	506.69	9,068.45	2,592.83	2,068.96	523.86	4.949		
18,300.00	7,780.00	17,589.93	7,780.00	268.28	263.20	89.99	500.97	9,168.10	2,598.85	2,070.17	528.67	4.916		
18,400.00	7,780.00	17,689.75	7,780.00	270.94	265.87	89.99	495.25	9,267.76	2,604.87	2,070.85	534.01	4.878		
18,500.00	7,780.00	17,789.57	7,780.00	273.61	268.55	89.99	489.52	9,367.41	2,610.88	2,071.53	539.36	4.841		
18,600.00	7,780.00	17,889.39	7,780.00	276.27	271.23	89.99	483.80	9,467.07	2,616.90	2,072.20	544.70	4.804		
18,700.00	7,780.00	17,989.21	7,780.00	278.93	273.90	89.99	478.08	9,566.72	2,622.92	2,072.88	550.05	4.769		
18,800.00	7,780.00	18,089.03	7,780.00	281.60	276.58	89.99	472.36	9,666.37	2,628.94	2,073.55	555.39	4.733		
18,900.00	7,780.00	18,188.85	7,780.00	284.26	279.26	89.99	466.63	9,766.03	2,634.96	2,074.22	560.74	4.699		
19,000.00	7,780.00	18,288.66	7,780.00	286.93	281.94	89.99	460.91	9,865.68	2,640.98	2,074.89	566.08	4.665		
19,100.00	7,780.00	18,388.48	7,780.00	289.60	284.61	89.99	455.19	9,965.34	2,647.00	2,075.57	571.43	4.632		
19,200.00	7,780.00	18,488.30	7,780.00	292.26	287.29	89.99	449.46	10,064.99	2,653.02	2,076.24	576.78	4.600		
19,300.00	7,780.00	18,588.12	7,780.00	294.93	289.97	89.99	443.74	10,164.65	2,659.03	2,076.91	582.13	4.568		
19,400.00	7,780.00	18,687.94	7,780.00	297.60	292.65	89.99	438.02	10,264.30	2,665.05	2,077.57	587.48	4.536		
19,500.00	7,780.00	18,787.76	7,780.00	300.27	295.33	89.99	432.30	10,363.96	2,671.07	2,078.24	592.83	4.506		
19,600.00	7,780.00	18,887.58	7,780.00	302.94	298.01	89.99	426.57	10,463.61	2,677.09	2,078.91	598.18	4.475		
19,700.00	7,780.00	18,987.40	7,780.00	305.60	300.69	89.99	420.85	10,563.26	2,683.11	2,079.58	603.53	4.446		
19,800.00	7,780.00	19,087.21	7,780.00	308.27	303.37	89.99	415.13	10,662.92	2,689.13	2,080.24	608.88	4.416		
19,900.00	7,780.00	19,187.03	7,780.00	310.94	306.05	89.99	409.41	10,762.57	2,695.15	2,080.91	614.24	4.388		
20,000.00	7,780.00	19,286.85	7,780.00	313.61	308.73	89.99	403.68	10,862.23	2,701.17	2,081.58	619.59	4.360		
20,100.00	7,780.00	19,386.67	7,780.00	316.28	311.41	89.99	397.96	10,961.88	2,707.19	2,082.24	624.94	4.332		
20,200.00	7,780.00	19,486.49	7,780.00	318.95	314.10	89.99	392.24	11,061.54	2,713.20	2,082.90	630.30	4.305		
20,300.00	7,780.00	19,586.31	7,780.00	321.63	316.78	89.99	386.52	11,161.19	2,719.22	2,083.57	635.65	4.278		
20,400.00	7,780.00	19,686.13	7,780.00	324.30	319.46	89.99	380.79	11,260.85	2,725.24	2,084.23	641.01	4.251		
20,500.00	7,780.00	19,785.94	7,780.00	326.97	322.14	89.99	375.07	11,360.50	2,731.26	2,084.89	646.37	4.226		
20,600.00	7,780.00	19,885.76	7,780.00	329.64	324.83	89.99	369.35	11,460.16	2,737.28	2,085.56	651.72	4.200		
20,700.00	7,780.00	19,985.58	7,780.00	332.32	327.51	89.99	363.62	11,559.81	2,743.30	2,086.22	657.08	4.175		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3AH - 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		
20,800.00	7,780.00	20,085.40	7,780.00	334.99	330.19	89.99	357.90	11,659.46	2,749.32	2,086.88	662.44	4.150		
20,900.00	7,780.00	20,185.22	7,780.00	337.66	332.88	89.99	352.18	11,759.12	2,755.34	2,087.54	667.80	4.126		
21,000.00	7,780.00	20,285.04	7,780.00	340.34	335.56	89.99	346.46	11,858.77	2,761.36	2,088.20	673.15	4.102		
21,100.00	7,780.00	20,384.86	7,780.00	343.01	338.24	89.99	340.73	11,958.43	2,767.37	2,088.86	678.51	4.079		
21,200.00	7,780.00	20,484.68	7,780.00	345.68	340.93	89.99	335.01	12,058.08	2,773.39	2,089.52	683.87	4.055		
21,300.00	7,780.00	20,584.49	7,780.00	348.36	343.61	89.99	329.29	12,157.74	2,779.41	2,090.18	689.23	4.033		
21,400.00	7,780.00	20,684.31	7,780.00	351.03	346.30	89.99	323.57	12,257.39	2,785.43	2,090.84	694.59	4.010		
21,500.00	7,780.00	20,784.13	7,780.00	353.71	348.98	89.99	317.84	12,357.05	2,791.45	2,091.50	699.95	3.988		
21,600.00	7,780.00	20,883.95	7,780.00	356.38	351.67	89.99	312.12	12,456.70	2,797.47	2,092.15	705.32	3.966		
21,700.00	7,780.00	20,983.77	7,780.00	359.06	354.35	89.99	306.40	12,556.36	2,803.49	2,092.81	710.68	3.945		
21,800.00	7,780.00	21,083.59	7,780.00	361.73	357.04	89.99	300.68	12,656.01	2,809.51	2,093.47	716.04	3.924		
21,900.00	7,780.00	21,183.41	7,780.00	364.41	359.72	89.99	294.95	12,755.66	2,815.52	2,094.12	721.40	3.903		
22,000.00	7,780.00	21,283.23	7,780.00	367.09	362.41	89.99	289.23	12,855.32	2,821.54	2,094.78	726.76	3.882		
22,100.00	7,780.00	21,383.04	7,780.00	369.76	365.09	89.99	283.51	12,954.97	2,827.56	2,095.44	732.13	3.862		
22,200.00	7,780.00	21,482.86	7,780.00	372.44	367.78	89.99	277.79	13,054.63	2,833.58	2,096.09	737.49	3.842		
22,300.00	7,780.00	21,582.68	7,780.00	375.12	370.47	89.99	272.06	13,154.28	2,839.60	2,096.75	742.85	3.823		
22,400.00	7,780.00	21,682.50	7,780.00	377.79	373.15	89.99	266.34	13,253.94	2,845.62	2,097.40	748.22	3.803		
22,500.00	7,780.00	21,782.32	7,780.00	380.47	375.84	89.99	260.62	13,353.59	2,851.64	2,098.06	753.58	3.784		
22,600.00	7,780.00	21,882.14	7,780.00	383.15	378.53	89.99	254.89	13,453.25	2,857.66	2,098.71	758.95	3.765		
22,700.00	7,780.00	21,981.96	7,780.00	385.83	381.21	89.99	249.17	13,552.90	2,863.68	2,099.37	764.31	3.747		
22,800.00	7,780.00	22,081.78	7,780.00	388.51	383.90	89.99	243.45	13,652.56	2,869.69	2,100.02	769.68	3.728		
22,900.00	7,780.00	22,181.59	7,780.00	391.18	386.59	89.99	237.73	13,752.21	2,875.71	2,100.67	775.04	3.710		
23,000.00	7,780.00	22,281.41	7,780.00	393.86	389.28	89.99	232.00	13,851.86	2,881.73	2,101.33	780.41	3.693		
23,100.00	7,780.00	22,381.23	7,780.00	396.54	391.96	89.99	226.28	13,951.52	2,887.75	2,101.98	785.77	3.675		
23,200.00	7,780.00	22,481.05	7,780.00	399.22	394.65	89.99	220.56	14,051.17	2,893.77	2,102.63	791.14	3.658		
23,300.00	7,780.00	22,580.87	7,780.00	401.90	397.34	89.99	214.84	14,150.83	2,899.79	2,103.28	796.51	3.641		
23,400.00	7,780.00	22,680.69	7,780.00	404.58	400.03	89.99	209.11	14,250.48	2,905.81	2,103.93	801.87	3.624		
23,500.00	7,780.00	22,780.51	7,780.00	407.26	402.72	89.99	203.39	14,350.14	2,911.83	2,104.59	807.24	3.607		
23,600.00	7,780.00	22,880.32	7,780.00	409.94	405.40	89.99	197.67	14,449.79	2,917.85	2,105.24	812.61	3.591		
23,700.00	7,780.00	22,980.14	7,780.00	412.62	408.09	89.99	191.95	14,549.45	2,923.86	2,105.89	817.97	3.575		
23,800.00	7,780.00	23,079.96	7,780.00	415.30	410.78	89.99	186.22	14,649.10	2,929.88	2,106.54	823.34	3.559		
23,900.00	7,780.00	23,179.78	7,780.00	417.98	413.47	89.99	180.50	14,748.76	2,935.90	2,107.19	828.71	3.543		
24,000.00	7,780.00	23,279.60	7,780.00	420.66	416.16	89.99	174.78	14,848.41	2,941.92	2,107.84	834.08	3.527		
24,100.00	7,780.00	23,379.42	7,780.00	423.34	418.85	89.99	169.05	14,948.06	2,947.94	2,108.49	839.45	3.512		
24,200.00	7,780.00	23,479.24	7,780.00	426.02	421.54	89.99	163.33	15,047.72	2,953.96	2,109.14	844.82	3.497		
24,225.31	7,780.00	23,504.50	7,780.00	426.70	422.22	89.99	161.88	15,072.94	2,955.48	2,109.31	846.18	3.493 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - 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	0.50	0.50	0.00	0.00	-179.84	-100.17	-0.28	100.17					
100.00	100.00	100.50	100.50	0.13	0.14	-179.84	-100.17	-0.28	100.17	99.90	0.27	370.114	CC, ES	
200.00	199.98	200.48	200.48	0.50	0.49	-164.55	-100.17	-0.28	101.85	100.86	0.99	102.836		
300.00	299.84	300.34	300.34	0.86	0.85	-165.27	-100.17	-0.28	106.90	105.19	1.72	62.261		
400.00	399.45	400.05	399.95	1.23	1.21	-166.33	-100.17	-0.28	115.36	112.91	2.44	47.187		
500.00	498.70	500.80	499.20	1.63	1.57	-167.57	-100.17	-0.28	127.23	124.05	3.18	40.029		
600.00	597.47	597.97	597.97	2.05	1.92	-168.87	-100.17	-0.28	142.55	138.65	3.90	36.530		
700.00	695.62	697.75	697.73	2.49	2.27	-169.55	-99.83	-1.91	160.84	156.21	4.63	34.729		
800.00	793.06	797.31	797.15	2.98	2.62	-169.21	-98.79	-6.93	181.51	176.14	5.36	33.833		
900.00	889.64	896.43	895.90	3.50	2.98	-168.15	-97.07	-15.29	204.57	198.46	6.12	33.453		
1,000.00	985.27	1,005.81	992.98	4.06	3.39	-166.69	-94.73	-26.58	230.19	223.26	6.93	33.221		
1,100.00	1,079.82	1,089.86	1,087.90	4.66	3.71	-165.54	-92.31	-38.26	258.99	251.33	7.67	33.783		
1,200.00	1,173.17	1,184.53	1,181.83	5.31	4.08	-164.75	-89.92	-49.83	291.07	282.61	8.46	34.412		
1,300.00	1,265.21	1,278.08	1,274.65	6.01	4.45	-164.22	-87.56	-61.25	326.33	317.07	9.26	35.249		
1,400.00	1,356.40	1,370.90	1,366.74	6.74	4.82	-164.04	-85.21	-72.59	363.54	353.48	10.06	36.138		
1,500.00	1,447.57	1,463.71	1,458.83	7.49	5.19	-163.91	-82.87	-83.93	400.77	389.91	10.86	36.895		
1,600.00	1,538.75	1,556.51	1,550.91	8.24	5.56	-163.81	-80.52	-95.26	438.01	426.34	11.67	37.526		
1,700.00	1,629.92	1,649.32	1,642.99	8.99	5.93	-163.72	-78.18	-106.60	475.25	462.76	12.49	38.059		
1,800.00	1,721.09	1,742.12	1,735.07	9.75	6.31	-163.64	-75.83	-117.93	512.48	499.18	13.31	38.513		
1,900.00	1,812.27	1,834.93	1,827.15	10.51	6.69	-163.58	-73.49	-129.27	549.72	535.59	14.13	38.903		
2,000.00	1,903.44	1,927.74	1,919.23	11.28	7.07	-163.52	-71.14	-140.60	586.96	572.01	14.96	39.243		
2,100.00	1,994.61	2,020.54	2,011.31	12.04	7.44	-163.47	-68.80	-151.94	624.20	608.42	15.79	39.540		
2,200.00	2,085.78	2,113.35	2,103.39	12.81	7.82	-163.43	-66.46	-163.27	661.44	644.82	16.62	39.802		
2,300.00	2,176.96	2,206.15	2,195.48	13.58	8.20	-163.39	-64.11	-174.61	698.68	681.23	17.45	40.035		
2,400.00	2,268.13	2,301.04	2,287.56	14.35	8.59	-163.35	-61.77	-185.94	735.92	717.63	18.30	40.224		
2,500.00	2,359.30	2,408.23	2,379.64	15.12	9.03	-163.32	-59.42	-197.28	773.16	753.97	19.19	40.286		
2,600.00	2,450.48	2,484.57	2,471.72	15.89	9.35	-163.29	-57.08	-208.62	810.40	790.44	19.96	40.597		
2,700.00	2,541.65	2,577.38	2,563.80	16.67	9.73	-163.26	-54.73	-219.95	847.65	826.84	20.80	40.749		
2,800.00	2,632.82	2,670.18	2,655.88	17.44	10.11	-163.24	-52.39	-231.29	884.89	863.25	21.64	40.888		
2,900.00	2,724.00	2,762.99	2,747.96	18.21	10.49	-163.21	-50.04	-242.62	922.13	899.65	22.48	41.014		
3,000.00	2,815.17	2,855.80	2,840.05	18.99	10.88	-163.19	-47.70	-253.96	959.37	936.04	23.33	41.130		
3,100.00	2,906.34	2,948.60	2,932.13	19.76	11.26	-163.17	-45.35	-265.29	996.61	972.44	24.17	41.237		
3,200.00	2,997.52	3,041.41	3,024.21	20.54	11.64	-163.16	-43.01	-276.63	1,033.85	1,008.84	25.01	41.335		
3,300.00	3,088.69	3,134.21	3,116.29	21.31	12.03	-163.14	-40.66	-287.96	1,071.10	1,045.24	25.86	41.426		
3,400.00	3,179.86	3,227.02	3,208.37	22.09	12.41	-163.12	-38.32	-299.30	1,108.34	1,081.64	26.70	41.510		
3,500.00	3,271.04	3,319.83	3,300.45	22.86	12.79	-163.11	-35.97	-310.63	1,145.58	1,118.03	27.55	41.589		
3,600.00	3,362.21	3,412.63	3,392.53	23.64	13.18	-163.10	-33.63	-321.97	1,182.82	1,154.43	28.39	41.662		
3,700.00	3,453.38	3,505.44	3,484.61	24.42	13.56	-163.08	-31.29	-333.31	1,220.06	1,190.83	29.24	41.730		
3,800.00	3,544.56	3,601.76	3,576.70	25.19	13.96	-163.07	-28.94	-344.64	1,257.31	1,227.21	30.10	41.773		
3,900.00	3,635.73	3,708.95	3,686.78	25.97	14.40	-163.06	-26.60	-355.98	1,294.55	1,263.54	31.00	41.753		
4,000.00	3,726.90	3,783.86	3,760.86	26.75	14.71	-163.05	-24.25	-367.31	1,331.79	1,300.01	31.78	41.909		
4,100.00	3,818.08	3,876.66	3,852.94	27.53	15.10	-163.04	-21.91	-378.65	1,369.03	1,336.41	32.63	41.962		
4,200.00	3,909.25	3,969.47	3,945.02	28.30	15.48	-163.03	-19.56	-389.98	1,406.27	1,372.80	33.47	42.012		
4,300.00	4,000.42	4,062.27	4,037.10	29.08	15.87	-163.02	-17.22	-401.32	1,443.52	1,409.20	34.32	42.058		
4,400.00	4,091.60	4,155.08	4,129.18	29.86	16.25	-163.01	-14.87	-412.65	1,480.76	1,445.59	35.17	42.102		
4,500.00	4,182.77	4,247.89	4,221.27	30.64	16.64	-163.00	-12.53	-423.99	1,518.00	1,481.98	36.02	42.144		
4,600.00	4,273.94	4,340.69	4,313.35	31.41	17.02	-162.99	-10.18	-435.32	1,555.24	1,518.38	36.87	42.184		
4,700.00	4,365.12	4,433.50	4,405.43	32.19	17.41	-162.99	-7.84	-446.66	1,592.49	1,554.77	37.72	42.221		
4,800.00	4,456.29	4,526.31	4,497.51	32.97	17.79	-162.98	-5.49	-458.00	1,629.73	1,591.16	38.57	42.257		
4,900.00	4,547.46	4,619.11	4,589.59	33.75	18.18	-162.97	-3.15	-469.33	1,666.97	1,627.55	39.42	42.291		
5,000.00	4,638.63	4,711.92	4,681.67	34.52	18.56	-162.97	-0.80	-480.67	1,704.21	1,663.95	40.27	42.323		
5,100.00	4,729.81	4,804.72	4,773.75	35.30	18.94	-162.96	1.54	-492.00	1,741.46	1,700.34	41.12	42.353		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - 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	4,820.98	4,902.47	4,865.83	36.08	19.35	-162.95	3.89	-503.34	1,778.70	1,736.71	41.99	42.362		
5,300.00	4,912.15	5,009.66	4,957.92	36.86	19.80	-162.95	6.23	-514.67	1,815.94	1,773.04	42.90	42.331		
5,400.00	5,003.33	5,083.14	5,050.00	37.64	20.10	-162.94	8.57	-526.01	1,853.18	1,809.51	43.67	42.436		
5,500.00	5,094.50	5,175.95	5,142.08	38.42	20.48	-162.94	10.92	-537.34	1,890.43	1,845.91	44.52	42.462		
5,600.00	5,185.67	5,268.75	5,234.16	39.19	20.87	-162.93	13.26	-548.68	1,927.67	1,882.30	45.37	42.486		
5,700.00	5,276.85	5,361.56	5,326.24	39.97	21.26	-162.93	15.61	-560.01	1,964.91	1,918.69	46.22	42.509		
5,800.00	5,368.02	5,454.37	5,418.32	40.75	21.64	-162.92	17.95	-571.35	2,002.15	1,955.08	47.08	42.531		
5,900.00	5,459.19	5,547.17	5,510.40	41.53	22.03	-162.92	20.30	-582.69	2,039.40	1,991.47	47.93	42.552		
6,000.00	5,550.37	5,639.98	5,602.49	42.31	22.41	-162.91	22.64	-594.02	2,076.64	2,027.86	48.78	42.572		
6,100.00	5,641.54	5,732.78	5,694.57	43.09	22.80	-162.91	24.99	-605.36	2,113.88	2,064.25	49.63	42.591		
6,200.00	5,732.71	5,825.59	5,786.65	43.87	23.18	-162.91	27.33	-616.69	2,151.13	2,100.64	50.48	42.610		
6,300.00	5,823.89	5,918.40	5,878.73	44.64	23.57	-162.90	29.68	-628.03	2,188.37	2,137.03	51.34	42.628		
6,400.00	5,915.06	6,011.20	5,970.81	45.42	23.95	-162.90	32.02	-639.36	2,225.61	2,173.42	52.19	42.645		
6,500.00	6,006.23	6,104.01	6,062.89	46.20	24.34	-162.90	34.37	-650.70	2,262.85	2,209.81	53.04	42.661		
6,600.00	6,097.41	6,203.19	6,154.97	46.98	24.75	-162.89	36.71	-662.03	2,300.10	2,246.17	53.92	42.656		
6,700.00	6,188.58	6,289.62	6,247.06	47.76	25.11	-162.89	39.06	-673.37	2,337.34	2,282.59	54.75	42.692		
6,800.00	6,279.75	6,382.43	6,339.14	48.54	25.49	-162.88	41.40	-684.70	2,374.58	2,318.98	55.60	42.706		
6,900.00	6,370.93	6,475.23	6,431.22	49.32	25.88	-162.88	43.74	-696.04	2,411.82	2,355.37	56.46	42.720		
7,000.00	6,462.10	6,568.04	6,523.30	50.10	26.26	-162.88	46.09	-707.38	2,449.07	2,391.76	57.31	42.734		
7,100.00	6,553.27	6,660.84	6,615.38	50.88	26.65	-162.88	48.43	-718.71	2,486.31	2,428.15	58.16	42.747		
7,200.00	6,644.45	6,753.65	6,707.46	51.65	27.03	-162.87	50.78	-730.05	2,523.55	2,464.53	59.02	42.759		
7,300.00	6,735.62	6,846.46	6,799.54	52.43	27.42	-162.87	53.12	-741.38	2,560.80	2,500.92	59.87	42.771		
7,400.00	6,826.79	6,939.26	6,891.62	53.21	27.81	-162.87	55.47	-752.72	2,598.04	2,537.31	60.73	42.782		
7,500.00	6,917.96	7,032.07	6,983.71	53.99	28.19	-162.86	57.81	-764.05	2,635.28	2,573.70	61.58	42.793		
7,600.00	7,009.14	7,124.87	7,075.79	54.77	28.58	-162.86	60.16	-775.39	2,672.52	2,610.09	62.44	42.804		
7,700.00	7,100.31	7,217.68	7,167.87	55.55	28.96	-162.86	62.50	-786.72	2,709.77	2,646.47	63.29	42.814		
7,800.00	7,191.48	7,308.81	7,258.50	56.33	29.32	-162.91	64.78	-795.54	2,747.02	2,682.93	64.10	42.857		
7,900.00	7,283.04	7,397.50	7,346.99	57.06	29.57	171.91	66.86	-791.55	2,784.60	2,719.90	64.70	43.037		
8,000.00	7,373.73	7,485.48	7,433.13	57.68	29.73	147.34	68.72	-774.16	2,822.07	2,756.93	65.14	43.323		
8,100.00	7,460.79	7,573.56	7,515.68	58.18	29.85	128.93	70.33	-743.76	2,858.26	2,792.80	65.46	43.665		
8,200.00	7,541.58	7,662.41	7,593.26	58.56	29.93	116.02	71.68	-700.64	2,892.09	2,826.39	65.70	44.019		
8,300.00	7,613.66	7,752.63	7,664.26	58.83	29.99	106.94	72.72	-645.14	2,922.53	2,856.61	65.92	44.336		
8,400.00	7,674.81	7,844.64	7,726.79	59.00	30.09	100.52	73.42	-577.79	2,948.67	2,882.49	66.19	44.550		
8,500.00	7,723.20	7,938.65	7,778.73	59.08	30.26	96.06	73.73	-499.55	2,969.74	2,903.14	66.60	44.591		
8,600.00	7,757.34	8,034.68	7,817.86	59.09	30.56	93.17	73.62	-411.98	2,985.08	2,917.85	67.24	44.397		
8,700.00	7,776.21	8,132.48	7,842.14	59.03	31.01	91.64	73.08	-317.37	2,994.25	2,926.10	68.15	43.934		
8,800.00	7,780.00	8,231.64	7,850.00	58.92	31.62	91.33	72.09	-218.64	2,997.28	2,927.92	69.35	43.218		
8,900.00	7,780.00	8,331.63	7,850.00	58.81	32.43	91.33	70.89	-118.66	2,998.76	2,927.85	70.90	42.294		
9,000.00	7,780.00	8,431.62	7,850.00	58.73	33.43	91.33	69.70	-18.68	3,000.24	2,927.43	72.80	41.209		
9,100.00	7,780.00	8,531.61	7,850.00	58.67	34.61	91.33	68.50	81.30	3,001.72	2,926.67	75.05	39.998		
9,200.00	7,780.00	8,631.60	7,850.00	58.64	35.95	91.33	67.31	181.28	3,003.20	2,925.59	77.60	38.700		
9,300.00	7,780.00	8,731.59	7,850.00	58.63	37.44	91.33	66.12	281.27	3,004.67	2,924.24	80.44	37.355		
9,400.00	7,780.00	8,831.58	7,850.00	58.67	39.06	91.32	64.92	381.25	3,006.15	2,922.63	83.52	35.992		
9,500.00	7,780.00	8,931.57	7,850.00	58.76	40.79	91.32	63.73	481.23	3,007.63	2,920.80	86.83	34.637		
9,600.00	7,780.00	9,031.55	7,850.00	58.91	42.62	91.32	62.54	581.21	3,009.11	2,918.77	90.34	33.307		
9,700.00	7,780.00	9,131.54	7,850.00	59.15	44.55	91.32	61.34	681.19	3,010.59	2,916.56	94.03	32.016		
9,800.00	7,780.00	9,231.53	7,850.00	59.53	46.54	91.32	60.15	781.18	3,012.07	2,914.19	97.88	30.773		
9,900.00	7,780.00	9,331.52	7,850.00	60.09	48.61	91.32	58.95	881.16	3,013.55	2,911.69	101.87	29.584		
10,000.00	7,780.00	9,431.51	7,850.00	60.91	50.73	91.32	57.76	981.14	3,015.03	2,909.06	105.98	28.450		
10,100.00	7,780.00	9,531.50	7,850.00	62.01	52.91	91.32	56.57	1,081.12	3,016.51	2,906.32	110.19	27.374		
10,200.00	7,780.00	9,631.49	7,850.00	63.39	55.13	91.32	55.37	1,181.10	3,017.99	2,903.48	114.51	26.355		
10,300.00	7,780.00	9,731.48	7,850.00	65.02	57.40	91.32	54.18	1,281.09	3,019.47	2,900.56	118.92	25.392		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - 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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
10,400.00	7,780.00	9,831.47	7,850.00	66.83	59.70	91.32	52.98	1,381.07	3,020.95	2,897.56	123.40	24.481					
10,500.00	7,780.00	9,931.46	7,850.00	68.78	62.03	91.32	51.79	1,481.05	3,022.43	2,894.48	127.95	23.622					
10,600.00	7,780.00	10,031.44	7,850.00	70.83	64.39	91.32	50.60	1,581.03	3,023.91	2,891.35	132.56	22.811					
10,700.00	7,780.00	10,131.43	7,850.00	72.95	66.77	91.32	49.40	1,681.01	3,025.39	2,888.16	137.23	22.046					
10,800.00	7,780.00	10,231.42	7,850.00	75.14	69.18	91.32	48.21	1,781.00	3,026.87	2,884.92	141.96	21.323					
10,900.00	7,780.00	10,331.41	7,850.00	77.37	71.61	91.32	47.02	1,880.98	3,028.35	2,881.63	146.72	20.640					
11,000.00	7,780.00	10,431.40	7,850.00	79.65	74.05	91.31	45.82	1,980.96	3,029.83	2,878.30	151.53	19.995					
11,100.00	7,780.00	10,531.39	7,850.00	81.96	76.52	91.31	44.63	2,080.94	3,031.31	2,874.94	156.38	19.385					
11,200.00	7,780.00	10,631.38	7,850.00	84.29	79.00	91.31	43.43	2,180.92	3,032.79	2,871.54	161.26	18.807					
11,300.00	7,780.00	10,731.37	7,850.00	86.65	81.49	91.31	42.24	2,280.90	3,034.27	2,868.10	166.17	18.260					
11,400.00	7,780.00	10,831.36	7,850.00	89.04	84.00	91.31	41.05	2,380.89	3,035.75	2,864.64	171.11	17.742					
11,500.00	7,780.00	10,931.35	7,850.00	91.44	86.51	91.31	39.85	2,480.87	3,037.23	2,861.16	176.07	17.250					
11,600.00	7,780.00	11,031.34	7,850.00	93.86	89.04	91.31	38.66	2,580.85	3,038.71	2,857.65	181.06	16.782					
11,700.00	7,780.00	11,131.32	7,850.00	96.30	91.58	91.31	37.47	2,680.83	3,040.19	2,854.11	186.08	16.338					
11,800.00	7,780.00	11,231.31	7,850.00	98.75	94.12	91.31	36.27	2,780.81	3,041.67	2,850.56	191.11	15.916					
11,900.00	7,780.00	11,331.30	7,850.00	101.22	96.68	91.31	35.08	2,880.80	3,043.15	2,846.99	196.16	15.514					
12,000.00	7,780.00	11,431.29	7,850.00	103.69	99.24	91.31	33.88	2,980.78	3,044.63	2,843.40	201.23	15.130					
12,100.00	7,780.00	11,531.28	7,850.00	106.18	101.80	91.31	32.69	3,080.76	3,046.11	2,839.79	206.32	14.764					
12,200.00	7,780.00	11,631.27	7,850.00	108.68	104.38	91.31	31.50	3,180.74	3,047.59	2,836.17	211.42	14.415					
12,300.00	7,780.00	11,731.26	7,850.00	111.19	106.96	91.31	30.30	3,280.72	3,049.07	2,832.54	216.53	14.082					
12,400.00	7,780.00	11,831.25	7,850.00	113.70	109.55	91.31	29.11	3,380.71	3,050.55	2,828.89	221.66	13.762					
12,500.00	7,780.00	11,931.24	7,850.00	116.23	112.14	91.30	27.91	3,480.69	3,052.03	2,825.23	226.80	13.457					
12,600.00	7,780.00	12,031.23	7,850.00	118.76	114.73	91.30	26.72	3,580.67	3,053.51	2,821.56	231.95	13.165					
12,700.00	7,780.00	12,131.21	7,850.00	121.30	117.33	91.30	25.53	3,680.65	3,054.99	2,817.88	237.11	12.884					
12,800.00	7,780.00	12,231.20	7,850.00	123.84	119.94	91.30	24.33	3,780.63	3,056.47	2,814.19	242.28	12.616					
12,900.00	7,780.00	12,331.19	7,850.00	126.39	122.55	91.30	23.14	3,880.62	3,057.95	2,810.49	247.46	12.357					
13,000.00	7,780.00	12,431.18	7,850.00	128.95	125.16	91.30	21.95	3,980.60	3,059.43	2,806.78	252.65	12.110					
13,100.00	7,780.00	12,531.17	7,850.00	131.51	127.78	91.30	20.75	4,080.58	3,060.91	2,803.07	257.84	11.871					
13,200.00	7,780.00	12,631.16	7,850.00	134.08	130.40	91.30	19.56	4,180.56	3,062.39	2,799.34	263.05	11.642					
13,300.00	7,780.00	12,731.15	7,850.00	136.65	133.02	91.30	18.36	4,280.54	3,063.87	2,795.61	268.26	11.421					
13,400.00	7,780.00	12,831.14	7,850.00	139.23	135.64	91.30	17.17	4,380.53	3,065.35	2,791.87	273.48	11.209					
13,500.00	7,780.00	12,931.13	7,850.00	141.81	138.27	91.30	15.98	4,480.51	3,066.83	2,788.12	278.70	11.004					
13,600.00	7,780.00	13,031.12	7,850.00	144.40	140.90	91.30	14.78	4,580.49	3,068.31	2,784.37	283.93	10.806					
13,700.00	7,780.00	13,131.10	7,850.00	146.99	143.53	91.30	13.59	4,680.47	3,069.79	2,780.62	289.17	10.616					
13,800.00	7,780.00	13,231.09	7,850.00	149.58	146.17	91.30	12.39	4,780.45	3,071.27	2,776.85	294.41	10.432					
13,900.00	7,780.00	13,331.08	7,850.00	152.17	148.81	91.30	11.20	4,880.43	3,072.75	2,773.09	299.66	10.254					
14,000.00	7,780.00	13,431.07	7,850.00	154.77	151.45	91.30	10.01	4,980.42	3,074.23	2,769.31	304.91	10.082					
14,100.00	7,780.00	13,531.06	7,850.00	157.38	154.09	91.29	8.81	5,080.40	3,075.71	2,765.54	310.17	9.916					
14,200.00	7,780.00	13,631.05	7,850.00	159.98	156.73	91.29	7.62	5,180.38	3,077.19	2,761.76	315.43	9.755					
14,300.00	7,780.00	13,731.04	7,850.00	162.59	159.38	91.29	6.43	5,280.36	3,078.67	2,757.97	320.70	9.600					
14,400.00	7,780.00	13,831.03	7,850.00	165.20	162.02	91.29	5.23	5,380.34	3,080.15	2,754.18	325.97	9.449					
14,500.00	7,780.00	13,931.02	7,850.00	167.81	164.67	91.29	4.04	5,480.33	3,081.63	2,750.39	331.24	9.303					
14,600.00	7,780.00	14,031.01	7,850.00	170.43	167.32	91.29	2.84	5,580.31	3,083.11	2,746.59	336.52	9.162					
14,700.00	7,780.00	14,131.00	7,850.00	173.05	169.97	91.29	1.65	5,680.29	3,084.59	2,742.79	341.80	9.025					
14,800.00	7,780.00	14,230.98	7,850.00	175.67	172.63	91.29	0.46	5,780.27	3,086.07	2,738.98	347.08	8.891					
14,900.00	7,780.00	14,330.97	7,850.00	178.29	175.28	91.29	-0.74	5,880.25	3,087.55	2,735.18	352.37	8.762					
15,000.00	7,780.00	14,430.96	7,850.00	180.92	177.93	91.29	-1.93	5,980.24	3,089.03	2,731.37	357.66	8.637					
15,100.00	7,780.00	14,530.95	7,850.00	183.54	180.59	91.29	-3.12	6,080.22	3,090.51	2,727.55	362.95	8.515					
15,200.00	7,780.00	14,630.94	7,850.00	186.17	183.25	91.29	-4.32	6,180.20	3,091.99	2,723.74	368.25	8.397					
15,300.00	7,780.00	14,730.93	7,850.00	188.80	185.91	91.29	-5.51	6,280.18	3,093.47	2,719.92	373.54	8.281					
15,400.00	7,780.00	14,830.92	7,850.00	191.43	188.57	91.29	-6.71	6,380.16	3,094.94	2,716.10	378.85	8.169					
15,500.00	7,780.00	14,930.91	7,850.00	194.07	191.23	91.29	-7.90	6,480.15	3,096.42	2,712.28	384.15	8.060					

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 PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - 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	7,780.00	15,030.90	7,850.00	196.70	193.89	91.29	-9.09	6,580.13	3,097.90	2,708.45	389.45	7.954		
15,700.00	7,780.00	15,130.89	7,850.00	199.34	196.55	91.29	-10.29	6,680.11	3,099.38	2,704.62	394.76	7.851		
15,800.00	7,780.00	15,230.87	7,850.00	201.98	199.22	91.28	-11.48	6,780.09	3,100.86	2,700.79	400.07	7.751		
15,900.00	7,780.00	15,330.86	7,850.00	204.62	201.88	91.28	-12.68	6,880.07	3,102.34	2,696.96	405.38	7.653		
16,000.00	7,780.00	15,430.85	7,850.00	207.26	204.55	91.28	-13.87	6,980.06	3,103.82	2,693.13	410.70	7.557		
16,100.00	7,780.00	15,530.84	7,850.00	209.90	207.21	91.28	-15.06	7,080.04	3,105.30	2,689.29	416.01	7.464		
16,200.00	7,780.00	15,630.83	7,850.00	212.54	209.88	91.28	-16.26	7,180.02	3,106.78	2,685.45	421.33	7.374		
16,300.00	7,780.00	15,730.82	7,850.00	215.19	212.55	91.28	-17.45	7,280.00	3,108.26	2,681.61	426.65	7.285		
16,400.00	7,780.00	15,816.19	7,850.00	217.83	214.82	91.28	-18.47	7,365.37	3,109.78	2,678.31	431.47	7.207		
16,500.00	7,780.00	15,871.13	7,850.00	220.48	216.29	91.28	-19.65	7,420.29	3,112.32	2,677.14	435.18	7.152		
16,600.00	7,780.00	15,900.00	7,850.00	223.13	217.06	91.28	-20.70	7,449.14	3,116.67	2,678.90	437.78	7.119		
16,700.00	7,780.00	15,966.80	7,850.00	225.78	218.85	91.28	-24.23	7,515.85	3,122.45	2,680.70	441.76	7.068		
16,800.00	7,780.00	16,036.66	7,850.00	228.43	220.71	91.28	-29.26	7,585.53	3,129.86	2,684.05	445.82	7.021		
16,900.00	7,780.00	16,136.37	7,850.00	231.08	223.38	91.27	-36.64	7,684.96	3,137.55	2,686.41	451.13	6.955		
17,000.00	7,780.00	16,236.07	7,850.00	233.73	226.04	91.27	-44.02	7,784.39	3,145.23	2,688.78	456.45	6.891		
17,100.00	7,780.00	16,335.78	7,850.00	236.38	228.71	91.27	-51.40	7,883.82	3,152.92	2,691.14	461.77	6.828		
17,200.00	7,780.00	16,435.48	7,850.00	239.04	231.38	91.26	-58.78	7,983.25	3,160.60	2,693.50	467.10	6.766		
17,300.00	7,780.00	16,535.18	7,850.00	241.69	234.04	91.26	-66.16	8,082.68	3,168.28	2,695.86	472.42	6.707		
17,400.00	7,780.00	16,634.89	7,850.00	244.35	236.71	91.26	-73.54	8,182.11	3,175.97	2,698.22	477.74	6.648		
17,500.00	7,780.00	16,734.59	7,850.00	247.00	239.38	91.25	-80.92	8,281.54	3,183.65	2,700.58	483.07	6.590		
17,600.00	7,780.00	16,834.30	7,850.00	249.66	242.05	91.25	-88.29	8,380.97	3,191.34	2,702.94	488.40	6.534		
17,700.00	7,780.00	16,934.00	7,850.00	252.32	244.72	91.25	-95.67	8,480.40	3,199.02	2,705.30	493.73	6.479		
17,800.00	7,780.00	17,033.70	7,850.00	254.98	247.39	91.25	-103.05	8,579.84	3,206.71	2,707.65	499.06	6.426		
17,900.00	7,780.00	17,133.41	7,850.00	257.64	250.06	91.24	-110.43	8,679.27	3,214.39	2,710.00	504.39	6.373		
18,000.00	7,780.00	17,233.11	7,850.00	260.30	252.73	91.24	-117.81	8,778.70	3,222.07	2,712.36	509.72	6.321		
18,100.00	7,780.00	17,332.82	7,850.00	262.96	255.40	91.24	-125.19	8,878.13	3,229.76	2,714.71	515.05	6.271		
18,200.00	7,780.00	17,432.52	7,850.00	265.62	258.08	91.23	-132.57	8,977.56	3,237.44	2,717.06	520.38	6.221		
18,300.00	7,780.00	17,532.23	7,850.00	268.28	260.75	91.23	-139.95	9,076.99	3,245.13	2,719.41	525.72	6.173		
18,400.00	7,780.00	17,631.93	7,850.00	270.94	263.42	91.23	-147.32	9,176.42	3,252.81	2,721.76	531.05	6.125		
18,500.00	7,780.00	17,731.63	7,850.00	273.61	266.10	91.23	-154.70	9,275.85	3,260.50	2,724.11	536.39	6.079		
18,600.00	7,780.00	17,831.34	7,850.00	276.27	268.77	91.22	-162.08	9,375.28	3,268.18	2,726.45	541.73	6.033		
18,700.00	7,780.00	17,931.04	7,850.00	278.93	271.45	91.22	-169.46	9,474.71	3,275.86	2,728.80	547.07	5.988		
18,800.00	7,780.00	18,030.75	7,850.00	281.60	274.12	91.22	-176.84	9,574.14	3,283.55	2,731.14	552.41	5.944		
18,900.00	7,780.00	18,130.45	7,850.00	284.26	276.80	91.21	-184.22	9,673.57	3,291.23	2,733.49	557.75	5.901		
19,000.00	7,780.00	18,230.15	7,850.00	286.93	279.48	91.21	-191.60	9,773.00	3,298.92	2,735.83	563.09	5.859		
19,100.00	7,780.00	18,329.86	7,850.00	289.60	282.15	91.21	-198.98	9,872.44	3,306.60	2,738.17	568.43	5.817		
19,200.00	7,780.00	18,429.56	7,850.00	292.26	284.83	91.21	-206.35	9,971.87	3,314.29	2,740.52	573.77	5.776		
19,300.00	7,780.00	18,529.27	7,850.00	294.93	287.51	91.20	-213.73	10,071.30	3,321.97	2,742.86	579.11	5.736		
19,400.00	7,780.00	18,628.97	7,850.00	297.60	290.18	91.20	-221.11	10,170.73	3,329.66	2,745.20	584.46	5.697		
19,500.00	7,780.00	18,728.68	7,850.00	300.27	292.86	91.20	-228.49	10,270.16	3,337.34	2,747.54	589.80	5.658		
19,600.00	7,780.00	18,828.38	7,850.00	302.94	295.54	91.19	-235.87	10,369.59	3,345.02	2,749.88	595.15	5.621		
19,700.00	7,780.00	18,928.08	7,850.00	305.60	298.22	91.19	-243.25	10,469.02	3,352.71	2,752.22	600.49	5.583		
19,800.00	7,780.00	19,027.79	7,850.00	308.27	300.90	91.19	-250.63	10,568.45	3,360.39	2,754.56	605.84	5.547		
19,900.00	7,780.00	19,127.49	7,850.00	310.94	303.58	91.19	-258.01	10,667.88	3,368.08	2,756.89	611.19	5.511		
20,000.00	7,780.00	19,227.20	7,850.00	313.61	306.26	91.18	-265.38	10,767.31	3,375.76	2,759.23	616.53	5.475		
20,100.00	7,780.00	19,326.90	7,850.00	316.28	308.94	91.18	-272.76	10,866.74	3,383.45	2,761.57	621.88	5.441		
20,200.00	7,780.00	19,426.60	7,850.00	318.95	311.62	91.18	-280.14	10,966.17	3,391.13	2,763.90	627.23	5.407		
20,300.00	7,780.00	19,526.31	7,850.00	321.63	314.30	91.18	-287.52	11,065.60	3,398.82	2,766.24	632.58	5.373		
20,400.00	7,780.00	19,626.01	7,850.00	324.30	316.98	91.17	-294.90	11,165.04	3,406.50	2,768.57	637.93	5.340		
20,500.00	7,780.00	19,725.72	7,850.00	326.97	319.66	91.17	-302.28	11,264.47	3,414.19	2,770.91	643.28	5.307		
20,600.00	7,780.00	19,825.42	7,850.00	329.64	322.34	91.17	-309.66	11,363.90	3,421.87	2,773.24	648.63	5.276		
20,700.00	7,780.00	19,925.13	7,850.00	332.32	325.02	91.16	-317.04	11,463.33	3,429.55	2,775.57	653.98	5.244		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - 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	
20,800.00	7,780.00	20,024.83	7,850.00	334.99	327.70	91.16	-324.41	11,562.76	3,437.24	2,777.91	659.33	5.213	
20,900.00	7,780.00	20,124.53	7,850.00	337.66	330.39	91.16	-331.79	11,662.19	3,444.92	2,780.24	664.69	5.183	
21,000.00	7,780.00	20,224.24	7,850.00	340.34	333.07	91.16	-339.17	11,761.62	3,452.61	2,782.57	670.04	5.153	
21,100.00	7,780.00	20,323.94	7,850.00	343.01	335.75	91.15	-346.55	11,861.05	3,460.29	2,784.90	675.39	5.123	
21,200.00	7,780.00	20,423.65	7,850.00	345.68	338.43	91.15	-353.93	11,960.48	3,467.98	2,787.23	680.75	5.094	
21,300.00	7,780.00	20,523.35	7,850.00	348.36	341.12	91.15	-361.31	12,059.91	3,475.66	2,789.56	686.10	5.066	
21,400.00	7,780.00	20,623.05	7,850.00	351.03	343.80	91.15	-368.69	12,159.34	3,483.35	2,791.89	691.45	5.038	
21,500.00	7,780.00	20,722.76	7,850.00	353.71	346.48	91.14	-376.07	12,258.77	3,491.03	2,794.22	696.81	5.010	
21,600.00	7,780.00	20,822.46	7,850.00	356.38	349.17	91.14	-383.44	12,358.20	3,498.72	2,796.55	702.17	4.983	
21,700.00	7,780.00	20,922.17	7,850.00	359.06	351.85	91.14	-390.82	12,457.64	3,506.40	2,798.88	707.52	4.956	
21,800.00	7,780.00	21,021.87	7,850.00	361.73	354.54	91.14	-398.20	12,557.07	3,514.08	2,801.21	712.88	4.929	
21,900.00	7,780.00	21,121.58	7,850.00	364.41	357.22	91.13	-405.58	12,656.50	3,521.77	2,803.54	718.23	4.903	
22,000.00	7,780.00	21,221.28	7,850.00	367.09	359.90	91.13	-412.96	12,755.93	3,529.45	2,805.86	723.59	4.878	
22,100.00	7,780.00	21,320.98	7,850.00	369.76	362.59	91.13	-420.34	12,855.36	3,537.14	2,808.19	728.95	4.852	
22,200.00	7,780.00	21,420.69	7,850.00	372.44	365.27	91.13	-427.72	12,954.79	3,544.82	2,810.52	734.31	4.827	
22,300.00	7,780.00	21,520.39	7,850.00	375.12	367.96	91.12	-435.10	13,054.22	3,552.51	2,812.84	739.66	4.803	
22,400.00	7,780.00	21,620.10	7,850.00	377.79	370.64	91.12	-442.47	13,153.65	3,560.19	2,815.17	745.02	4.779	
22,500.00	7,780.00	21,719.80	7,850.00	380.47	373.33	91.12	-449.85	13,253.08	3,567.88	2,817.50	750.38	4.755	
22,600.00	7,780.00	21,819.51	7,850.00	383.15	376.01	91.12	-457.23	13,352.51	3,575.56	2,819.82	755.74	4.731	
22,700.00	7,780.00	21,919.21	7,850.00	385.83	378.70	91.11	-464.61	13,451.94	3,583.25	2,822.15	761.10	4.708	
22,800.00	7,780.00	22,018.91	7,850.00	388.51	381.38	91.11	-471.99	13,551.37	3,590.93	2,824.47	766.46	4.685	
22,900.00	7,780.00	22,118.62	7,850.00	391.18	384.07	91.11	-479.37	13,650.80	3,598.62	2,826.80	771.82	4.663	
23,000.00	7,780.00	22,218.32	7,850.00	393.86	386.76	91.11	-486.75	13,750.24	3,606.30	2,829.12	777.18	4.640	
23,100.00	7,780.00	22,318.03	7,850.00	396.54	389.44	91.11	-494.13	13,849.67	3,613.99	2,831.44	782.54	4.618	
23,200.00	7,780.00	22,417.73	7,850.00	399.22	392.13	91.10	-501.50	13,949.10	3,621.67	2,833.77	787.90	4.597	
23,300.00	7,780.00	22,517.43	7,850.00	401.90	394.82	91.10	-508.88	14,048.53	3,629.36	2,836.09	793.26	4.575	
23,400.00	7,780.00	22,617.14	7,850.00	404.58	397.50	91.10	-516.26	14,147.96	3,637.04	2,838.42	798.62	4.554	
23,500.00	7,780.00	22,716.84	7,850.00	407.26	400.19	91.10	-523.64	14,247.39	3,644.72	2,840.74	803.99	4.533	
23,600.00	7,780.00	22,816.55	7,850.00	409.94	402.88	91.09	-531.02	14,346.82	3,652.41	2,843.06	809.35	4.513	
23,700.00	7,780.00	22,916.25	7,850.00	412.62	405.56	91.09	-538.40	14,446.25	3,660.09	2,845.38	814.71	4.493	
23,800.00	7,780.00	23,015.96	7,850.00	415.30	408.25	91.09	-545.78	14,545.68	3,667.78	2,847.71	820.07	4.473	
23,900.00	7,780.00	23,115.66	7,850.00	417.98	410.94	91.09	-553.16	14,645.11	3,675.46	2,850.03	825.44	4.453	
24,000.00	7,780.00	23,215.36	7,850.00	420.66	413.62	91.08	-560.54	14,744.54	3,683.15	2,852.35	830.80	4.433	
24,100.00	7,780.00	23,315.07	7,850.00	423.34	416.31	91.08	-567.91	14,843.97	3,690.83	2,854.67	836.16	4.414	
24,200.00	7,780.00	23,414.77	7,850.00	426.02	419.00	91.08	-575.29	14,943.40	3,698.52	2,856.99	841.53	4.395	
24,225.31	7,780.00	23,440.01	7,850.00	426.70	419.68	91.08	-577.16	14,968.57	3,700.46	2,857.58	842.88	4.390 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - 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	0.60	0.60	0.00	0.00	-179.73	-120.21	-0.56	120.21					
100.00	100.00	100.60	100.60	0.13	0.14	-179.73	-120.21	-0.56	120.21	119.94	0.27	443.572	CC, ES	
200.00	199.98	200.58	200.58	0.50	0.49	-164.40	-120.21	-0.56	121.89	120.90	0.99	123.024		
300.00	299.84	300.44	300.44	0.86	0.85	-165.01	-120.21	-0.56	126.94	125.22	1.72	73.914		
400.00	399.45	400.05	400.05	1.23	1.21	-165.92	-120.21	-0.56	135.38	132.93	2.44	55.376		
500.00	498.70	500.70	499.30	1.63	1.57	-167.02	-120.21	-0.56	147.23	144.05	3.18	46.324		
600.00	597.47	601.93	598.07	2.05	1.93	-168.19	-120.21	-0.56	162.52	158.60	3.92	41.491		
700.00	695.62	696.22	696.22	2.49	2.27	-169.36	-120.21	-0.56	181.25	176.61	4.63	39.112		
800.00	793.06	791.20	791.18	2.98	2.60	-170.03	-120.90	-1.84	203.97	198.63	5.35	38.140		
900.00	889.64	884.70	884.57	3.50	2.92	-169.95	-123.03	-5.81	231.26	225.20	6.05	38.196		
1,000.00	985.27	976.46	976.03	4.06	3.24	-169.34	-126.52	-12.30	263.00	256.24	6.77	38.877		
1,100.00	1,079.82	1,066.14	1,065.15	4.66	3.56	-168.40	-131.27	-21.14	299.17	291.69	7.48	39.985		
1,200.00	1,173.17	1,155.56	1,153.69	5.31	3.90	-167.30	-137.16	-32.09	339.56	331.34	8.22	41.332		
1,300.00	1,265.21	1,245.43	1,242.64	6.01	4.25	-166.43	-143.24	-43.40	383.24	374.27	8.97	42.728		
1,400.00	1,356.40	1,334.39	1,330.69	6.74	4.60	-165.96	-149.25	-54.59	428.83	419.11	9.72	44.097		
1,500.00	1,447.57	1,423.34	1,418.73	7.49	4.96	-165.60	-155.27	-65.78	474.46	463.98	10.48	45.260		
1,600.00	1,538.75	1,512.28	1,506.76	8.24	5.32	-165.31	-161.29	-76.97	520.10	508.85	11.25	46.231		
1,700.00	1,629.92	1,601.23	1,594.80	8.99	5.68	-165.06	-167.30	-88.16	565.76	553.73	12.02	47.050		
1,800.00	1,721.09	1,709.82	1,682.83	9.75	6.13	-164.85	-173.32	-99.35	611.42	598.53	12.88	47.453		
1,900.00	1,812.27	1,779.12	1,770.87	10.51	6.42	-164.67	-179.33	-110.54	657.08	643.49	13.59	48.346		
2,000.00	1,903.44	1,868.07	1,858.90	11.28	6.79	-164.51	-185.35	-121.73	702.75	688.37	14.38	48.866		
2,100.00	1,994.61	1,957.02	1,946.94	12.04	7.16	-164.37	-191.37	-132.92	748.42	733.25	15.17	49.321		
2,200.00	2,085.78	2,045.97	2,034.97	12.81	7.54	-164.25	-197.38	-144.11	794.10	778.13	15.97	49.721		
2,300.00	2,176.96	2,134.91	2,123.01	13.58	7.91	-164.14	-203.40	-155.30	839.78	823.01	16.77	50.075		
2,400.00	2,268.13	2,223.86	2,211.04	14.35	8.29	-164.04	-209.41	-166.49	885.46	867.88	17.57	50.390		
2,500.00	2,359.30	2,312.81	2,299.08	15.12	8.67	-163.96	-215.43	-177.68	931.14	912.76	18.38	50.673		
2,600.00	2,450.48	2,401.75	2,387.11	15.89	9.04	-163.88	-221.45	-188.87	976.82	957.64	19.18	50.927		
2,700.00	2,541.65	2,509.30	2,475.15	16.67	9.50	-163.80	-227.46	-200.06	1,022.51	1,002.44	20.06	50.961		
2,800.00	2,632.82	2,579.65	2,563.18	17.44	9.80	-163.74	-233.48	-211.25	1,068.19	1,047.40	20.80	51.366		
2,900.00	2,724.00	2,668.60	2,651.22	18.21	10.18	-163.68	-239.49	-222.44	1,113.88	1,092.28	21.61	51.556		
3,000.00	2,815.17	2,757.54	2,739.25	18.99	10.57	-163.62	-245.51	-233.63	1,159.57	1,137.15	22.42	51.729		
3,100.00	2,906.34	2,846.49	2,827.29	19.76	10.95	-163.57	-251.52	-244.82	1,205.26	1,182.03	23.23	51.889		
3,200.00	2,997.52	2,935.44	2,915.32	20.54	11.33	-163.52	-257.54	-256.01	1,250.95	1,226.91	24.04	52.035		
3,300.00	3,088.69	3,024.38	3,003.36	21.31	11.71	-163.47	-263.56	-267.20	1,296.64	1,271.79	24.85	52.171		
3,400.00	3,179.86	3,113.33	3,091.39	22.09	12.09	-163.43	-269.57	-278.39	1,342.33	1,316.66	25.67	52.296		
3,500.00	3,271.04	3,202.28	3,179.43	22.86	12.48	-163.39	-275.59	-289.58	1,388.02	1,361.54	26.48	52.412		
3,600.00	3,362.21	3,291.22	3,267.46	23.64	12.86	-163.36	-281.60	-300.77	1,433.72	1,406.42	27.30	52.520		
3,700.00	3,453.38	3,380.17	3,355.50	24.42	13.24	-163.32	-287.62	-311.96	1,479.41	1,451.29	28.11	52.620		
3,800.00	3,544.56	3,469.12	3,443.53	25.19	13.63	-163.29	-293.64	-323.15	1,525.10	1,496.17	28.93	52.714		
3,900.00	3,635.73	3,558.07	3,531.57	25.97	14.01	-163.26	-299.65	-334.34	1,570.80	1,541.05	29.75	52.802		
4,000.00	3,726.90	3,647.01	3,619.60	26.75	14.39	-163.23	-305.67	-345.53	1,616.49	1,585.92	30.57	52.884		
4,100.00	3,818.08	3,735.96	3,707.64	27.53	14.78	-163.20	-311.68	-356.72	1,662.18	1,630.80	31.39	52.961		
4,200.00	3,909.25	3,824.91	3,795.67	28.30	15.16	-163.18	-317.70	-367.91	1,707.88	1,675.67	32.20	53.033		
4,300.00	4,000.42	3,913.85	3,883.71	29.08	15.55	-163.16	-323.72	-379.10	1,753.57	1,720.55	33.02	53.102		
4,400.00	4,091.60	4,002.80	3,971.74	29.86	15.93	-163.13	-329.73	-390.29	1,799.27	1,765.42	33.84	53.166		
4,500.00	4,182.77	4,108.25	4,059.78	30.64	16.39	-163.11	-335.75	-401.48	1,844.96	1,810.23	34.73	53.121		
4,600.00	4,273.94	4,180.70	4,147.81	31.41	16.70	-163.09	-341.76	-412.67	1,890.66	1,855.17	35.48	53.283		
4,700.00	4,365.12	4,269.64	4,235.85	32.19	17.08	-163.07	-347.78	-423.86	1,936.35	1,900.05	36.30	53.337		
4,800.00	4,456.29	4,358.59	4,323.88	32.97	17.47	-163.05	-353.80	-435.05	1,982.05	1,944.92	37.12	53.389		
4,900.00	4,547.46	4,447.54	4,411.92	33.75	17.85	-163.03	-359.81	-446.24	2,027.74	1,989.80	37.95	53.437		
5,000.00	4,638.63	4,536.48	4,499.95	34.52	18.24	-163.02	-365.83	-457.43	2,073.44	2,034.67	38.77	53.483		
5,100.00	4,729.81	4,625.43	4,587.99	35.30	18.63	-163.00	-371.84	-468.62	2,119.14	2,079.55	39.59	53.527		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - 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	4,820.98	4,714.38	4,676.02	36.08	19.01	-162.98	-377.86	-479.81	2,164.83	2,124.42	40.41	53.568		
5,300.00	4,912.15	4,803.32	4,764.06	36.86	19.40	-162.97	-383.88	-491.00	2,210.53	2,169.29	41.24	53.608		
5,400.00	5,003.33	4,907.73	4,852.09	37.64	19.85	-162.95	-389.89	-502.19	2,256.23	2,214.10	42.12	53.563		
5,500.00	5,094.50	4,981.22	4,940.13	38.42	20.17	-162.94	-395.91	-513.38	2,301.92	2,259.04	42.88	53.681		
5,600.00	5,185.67	5,070.17	5,028.16	39.19	20.55	-162.93	-401.92	-524.57	2,347.62	2,303.91	43.71	53.715		
5,700.00	5,276.85	5,159.11	5,116.20	39.97	20.94	-162.91	-407.94	-535.76	2,393.32	2,348.79	44.53	53.747		
5,800.00	5,368.02	5,248.06	5,204.23	40.75	21.32	-162.90	-413.95	-546.95	2,439.01	2,393.66	45.35	53.778		
5,900.00	5,459.19	5,337.01	5,292.27	41.53	21.71	-162.89	-419.97	-558.14	2,484.71	2,438.53	46.18	53.808		
6,000.00	5,550.37	5,425.95	5,380.30	42.31	22.10	-162.88	-425.99	-569.33	2,530.41	2,483.40	47.00	53.836		
6,100.00	5,641.54	5,514.90	5,468.34	43.09	22.48	-162.87	-432.00	-580.52	2,576.10	2,528.28	47.83	53.863		
6,200.00	5,732.71	5,603.85	5,556.37	43.87	22.87	-162.85	-438.02	-591.71	2,621.80	2,573.15	48.65	53.888		
6,300.00	5,823.89	5,692.79	5,644.41	44.64	23.25	-162.84	-444.03	-602.90	2,667.50	2,618.02	49.48	53.913		
6,400.00	5,915.06	5,781.74	5,732.44	45.42	23.64	-162.83	-450.05	-614.09	2,713.20	2,662.89	50.30	53.936		
6,500.00	6,006.23	5,870.69	5,820.48	46.20	24.03	-162.82	-456.07	-625.28	2,758.89	2,707.76	51.13	53.959		
6,600.00	6,097.41	5,959.64	5,908.51	46.98	24.41	-162.82	-462.08	-636.47	2,804.59	2,752.63	51.96	53.980		
6,700.00	6,188.58	6,048.58	5,996.55	47.76	24.80	-162.81	-468.10	-647.66	2,850.29	2,797.51	52.78	54.001		
6,800.00	6,279.75	6,137.53	6,084.58	48.54	25.18	-162.80	-474.11	-658.85	2,895.99	2,842.38	53.61	54.020		
6,900.00	6,370.93	6,226.48	6,172.62	49.32	25.57	-162.79	-480.13	-670.04	2,941.68	2,887.25	54.44	54.039		
7,000.00	6,462.10	6,315.42	6,260.65	50.10	25.96	-162.78	-486.15	-681.23	2,987.38	2,932.12	55.26	54.057		
7,100.00	6,553.27	6,404.37	6,348.69	50.88	26.34	-162.77	-492.16	-692.42	3,033.08	2,976.99	56.09	54.074		
7,200.00	6,644.45	6,506.68	6,436.72	51.65	26.79	-162.76	-498.18	-703.61	3,078.78	3,021.80	56.98	54.037		
7,300.00	6,735.62	6,582.27	6,524.76	52.43	27.11	-162.76	-504.19	-714.80	3,124.47	3,066.73	57.75	54.106		
7,400.00	6,826.79	6,671.21	6,612.79	53.21	27.50	-162.75	-510.21	-725.99	3,170.17	3,111.60	58.58	54.121		
7,500.00	6,917.96	6,760.16	6,700.83	53.99	27.89	-162.74	-516.23	-737.18	3,215.87	3,156.47	59.40	54.136		
7,600.00	7,009.14	6,849.11	6,788.86	54.77	28.27	-162.74	-522.24	-748.37	3,261.57	3,201.34	60.23	54.149		
7,700.00	7,100.31	6,938.05	6,876.90	55.55	28.66	-162.73	-528.26	-759.56	3,307.27	3,246.20	61.06	54.163		
7,800.00	7,191.48	7,027.00	6,964.93	56.33	29.05	-162.72	-534.27	-770.75	3,352.96	3,291.07	61.89	54.175		
7,900.00	7,283.04	7,115.35	7,052.38	57.06	29.43	171.37	-540.25	-781.86	3,398.86	3,336.16	62.70	54.212		
8,000.00	7,373.73	7,200.68	7,136.83	57.68	29.80	146.26	-546.02	-792.60	3,444.45	3,381.01	63.43	54.299		
8,100.00	7,460.79	7,282.79	7,218.55	58.18	30.10	127.45	-551.67	-797.09	3,488.67	3,424.62	64.05	54.468		
8,200.00	7,541.58	7,370.24	7,305.32	58.56	30.32	114.23	-557.83	-788.96	3,530.39	3,465.83	64.56	54.684		
8,300.00	7,613.66	7,465.56	7,397.26	58.83	30.48	104.96	-564.54	-765.16	3,568.43	3,503.42	65.00	54.895		
8,400.00	7,674.81	7,571.96	7,493.63	59.00	30.59	98.49	-571.80	-721.00	3,601.67	3,536.26	65.41	55.061		
8,500.00	7,723.20	7,693.29	7,591.36	59.08	30.64	94.12	-579.48	-649.91	3,629.05	3,563.22	65.83	55.128		
8,600.00	7,757.34	7,833.22	7,682.61	59.09	30.68	91.44	-587.12	-544.55	3,649.53	3,583.16	66.37	54.988		
8,700.00	7,776.21	7,993.18	7,752.19	59.03	30.88	90.14	-593.70	-401.24	3,662.11	3,594.86	67.25	54.458		
8,800.00	7,780.00	8,168.92	7,779.99	58.92	31.54	89.99	-597.71	-228.46	3,666.34	3,597.64	68.69	53.373		
8,900.00	7,780.00	8,270.57	7,780.00	58.81	32.24	89.99	-598.93	-126.82	3,667.82	3,597.57	70.25	52.212		
9,000.00	7,780.00	8,370.56	7,780.00	58.73	33.16	89.99	-600.13	-26.84	3,669.31	3,597.16	72.15	50.859		
9,100.00	7,780.00	8,470.55	7,780.00	58.67	34.29	89.99	-601.33	73.14	3,670.79	3,596.40	74.39	49.345		
9,200.00	7,780.00	8,570.54	7,780.00	58.64	35.62	89.99	-602.52	173.13	3,672.27	3,595.33	76.95	47.725		
9,300.00	7,780.00	8,670.53	7,780.00	58.63	37.10	89.99	-603.72	273.11	3,673.76	3,593.97	79.79	46.045		
9,400.00	7,780.00	8,770.51	7,780.00	58.67	38.73	89.99	-604.92	373.09	3,675.24	3,592.36	82.88	44.344		
9,500.00	7,780.00	8,870.50	7,780.00	58.76	40.47	89.99	-606.12	473.07	3,676.73	3,590.53	86.20	42.654		
9,600.00	7,780.00	8,970.49	7,780.00	58.91	42.31	89.99	-607.32	573.05	3,678.21	3,588.49	89.72	40.997		
9,700.00	7,780.00	9,070.48	7,780.00	59.15	44.24	89.99	-608.51	673.04	3,679.70	3,586.28	93.42	39.389		
9,800.00	7,780.00	9,170.47	7,780.00	59.53	46.25	89.99	-609.71	773.02	3,681.18	3,583.91	97.28	37.843		
9,900.00	7,780.00	9,270.46	7,780.00	60.09	48.32	89.99	-610.91	873.00	3,682.67	3,581.40	101.27	36.364		
10,000.00	7,780.00	9,370.45	7,780.00	60.91	50.45	89.99	-612.11	972.98	3,684.15	3,578.76	105.39	34.957		
10,100.00	7,780.00	9,470.44	7,780.00	62.01	52.64	89.99	-613.31	1,072.96	3,685.64	3,576.02	109.62	33.622		
10,200.00	7,780.00	9,570.43	7,780.00	63.39	54.87	89.99	-614.51	1,172.94	3,687.12	3,573.17	113.95	32.358		
10,300.00	7,780.00	9,670.41	7,780.00	65.02	57.14	89.99	-615.70	1,272.93	3,688.61	3,570.24	118.36	31.164		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - 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	7,780.00	9,770.40	7,780.00	66.83	59.45	89.99	-616.90	1,372.91	3,690.09	3,567.24	122.85	30.037		
10,500.00	7,780.00	9,870.39	7,780.00	68.78	61.78	89.99	-618.10	1,472.89	3,691.57	3,564.16	127.41	28.973		
10,600.00	7,780.00	9,970.38	7,780.00	70.83	64.15	89.99	-619.30	1,572.87	3,693.06	3,561.02	132.04	27.970		
10,700.00	7,780.00	10,070.37	7,780.00	72.95	66.54	89.99	-620.50	1,672.85	3,694.54	3,557.83	136.72	27.024		
10,800.00	7,780.00	10,170.36	7,780.00	75.14	68.95	89.99	-621.69	1,772.84	3,696.03	3,554.58	141.44	26.131		
10,900.00	7,780.00	10,270.35	7,780.00	77.37	71.38	89.99	-622.89	1,872.82	3,697.51	3,551.29	146.22	25.287		
11,000.00	7,780.00	10,370.34	7,780.00	79.65	73.84	89.99	-624.09	1,972.80	3,699.00	3,547.96	151.04	24.491		
11,100.00	7,780.00	10,470.33	7,780.00	81.96	76.30	89.99	-625.29	2,072.78	3,700.48	3,544.59	155.89	23.738		
11,200.00	7,780.00	10,570.32	7,780.00	84.29	78.79	89.99	-626.49	2,172.76	3,701.97	3,541.19	160.78	23.026		
11,300.00	7,780.00	10,670.30	7,780.00	86.65	81.28	89.99	-627.69	2,272.74	3,703.45	3,537.76	165.69	22.351		
11,400.00	7,780.00	10,770.29	7,780.00	89.04	83.79	89.99	-628.88	2,372.73	3,704.94	3,534.29	170.64	21.712		
11,500.00	7,780.00	10,870.28	7,780.00	91.44	86.31	89.99	-630.08	2,472.71	3,706.42	3,530.81	175.61	21.106		
11,600.00	7,780.00	10,970.27	7,780.00	93.86	88.84	89.99	-631.28	2,572.69	3,707.90	3,527.29	180.61	20.530		
11,700.00	7,780.00	11,070.26	7,780.00	96.30	91.38	89.99	-632.48	2,672.67	3,709.39	3,523.76	185.63	19.983		
11,800.00	7,780.00	11,170.25	7,780.00	98.75	93.93	89.99	-633.68	2,772.65	3,710.87	3,520.21	190.67	19.463		
11,900.00	7,780.00	11,270.24	7,780.00	101.22	96.48	89.99	-634.87	2,872.64	3,712.36	3,516.63	195.72	18.967		
12,000.00	7,780.00	11,370.23	7,780.00	103.69	99.05	89.99	-636.07	2,972.62	3,713.84	3,513.04	200.80	18.495		
12,100.00	7,780.00	11,470.22	7,780.00	106.18	101.62	89.99	-637.27	3,072.60	3,715.33	3,509.44	205.89	18.045		
12,200.00	7,780.00	11,570.21	7,780.00	108.68	104.19	89.99	-638.47	3,172.58	3,716.81	3,505.82	210.99	17.616		
12,300.00	7,780.00	11,670.19	7,780.00	111.19	106.78	89.99	-639.67	3,272.56	3,718.30	3,502.18	216.11	17.205		
12,400.00	7,780.00	11,770.18	7,780.00	113.70	109.36	89.99	-640.87	3,372.54	3,719.78	3,498.54	221.24	16.813		
12,500.00	7,780.00	11,870.17	7,780.00	116.23	111.96	89.99	-642.06	3,472.53	3,721.27	3,494.88	226.39	16.438		
12,600.00	7,780.00	11,970.16	7,780.00	118.76	114.55	89.99	-643.26	3,572.51	3,722.75	3,491.21	231.54	16.078		
12,700.00	7,780.00	12,070.15	7,780.00	121.30	117.16	89.99	-644.46	3,672.49	3,724.24	3,487.53	236.71	15.733		
12,800.00	7,780.00	12,170.14	7,780.00	123.84	119.76	89.99	-645.66	3,772.47	3,725.72	3,483.84	241.88	15.403		
12,900.00	7,780.00	12,270.13	7,780.00	126.39	122.37	89.99	-646.86	3,872.45	3,727.20	3,480.14	247.07	15.086		
13,000.00	7,780.00	12,370.12	7,780.00	128.95	124.99	89.99	-648.05	3,972.43	3,728.69	3,476.43	252.26	14.781		
13,100.00	7,780.00	12,470.11	7,780.00	131.51	127.60	89.99	-649.25	4,072.42	3,730.17	3,472.71	257.46	14.488		
13,200.00	7,780.00	12,570.10	7,780.00	134.08	130.22	89.99	-650.45	4,172.40	3,731.66	3,468.99	262.67	14.207		
13,300.00	7,780.00	12,670.08	7,780.00	136.65	132.85	89.99	-651.65	4,272.38	3,733.14	3,465.26	267.88	13.936		
13,400.00	7,780.00	12,770.07	7,780.00	139.23	135.47	89.99	-652.85	4,372.36	3,734.63	3,461.52	273.11	13.675		
13,500.00	7,780.00	12,870.06	7,780.00	141.81	138.10	89.99	-654.05	4,472.34	3,736.11	3,457.78	278.33	13.423		
13,600.00	7,780.00	12,970.05	7,780.00	144.40	140.73	89.99	-655.24	4,572.33	3,737.60	3,454.03	283.57	13.181		
13,700.00	7,780.00	13,070.04	7,780.00	146.99	143.37	89.99	-656.44	4,672.31	3,739.08	3,450.27	288.81	12.947		
13,800.00	7,780.00	13,170.03	7,780.00	149.58	146.00	89.99	-657.64	4,772.29	3,740.57	3,446.51	294.05	12.721		
13,900.00	7,780.00	13,270.02	7,780.00	152.17	148.64	89.99	-658.84	4,872.27	3,742.05	3,442.74	299.31	12.502		
14,000.00	7,780.00	13,370.01	7,780.00	154.77	151.28	89.99	-660.04	4,972.25	3,743.53	3,438.97	304.56	12.292		
14,100.00	7,780.00	13,470.00	7,780.00	157.38	153.92	89.99	-661.23	5,072.23	3,745.02	3,435.20	309.82	12.088		
14,200.00	7,780.00	13,569.99	7,780.00	159.98	156.57	89.99	-662.43	5,172.22	3,746.50	3,431.42	315.08	11.890		
14,300.00	7,780.00	13,669.97	7,780.00	162.59	159.21	89.99	-663.63	5,272.20	3,747.99	3,427.63	320.35	11.700		
14,400.00	7,780.00	13,769.96	7,780.00	165.20	161.86	89.99	-664.83	5,372.18	3,749.47	3,423.85	325.63	11.515		
14,500.00	7,780.00	13,869.95	7,780.00	167.81	164.51	89.99	-666.03	5,472.16	3,750.96	3,420.06	330.90	11.336		
14,600.00	7,780.00	13,969.94	7,780.00	170.43	167.16	89.99	-667.23	5,572.14	3,752.44	3,416.26	336.18	11.162		
14,700.00	7,780.00	14,069.93	7,780.00	173.05	169.81	89.99	-668.42	5,672.13	3,753.93	3,412.46	341.46	10.994		
14,800.00	7,780.00	14,169.92	7,780.00	175.67	172.47	89.99	-669.62	5,772.11	3,755.41	3,408.66	346.75	10.830		
14,900.00	7,780.00	14,269.91	7,780.00	178.29	175.12	89.99	-670.82	5,872.09	3,756.90	3,404.86	352.04	10.672		
15,000.00	7,780.00	14,369.90	7,780.00	180.92	177.78	89.99	-672.02	5,972.07	3,758.38	3,401.05	357.33	10.518		
15,100.00	7,780.00	14,469.89	7,780.00	183.54	180.43	89.99	-673.22	6,072.05	3,759.86	3,397.24	362.63	10.368		
15,200.00	7,780.00	14,569.87	7,780.00	186.17	183.09	89.99	-674.41	6,172.03	3,761.35	3,393.42	367.93	10.223		
15,300.00	7,780.00	14,669.86	7,780.00	188.80	185.75	89.99	-675.61	6,272.02	3,762.83	3,389.61	373.23	10.082		
15,400.00	7,780.00	14,769.85	7,780.00	191.43	188.41	89.99	-676.81	6,372.00	3,764.32	3,385.79	378.53	9.945		
15,500.00	7,780.00	14,869.84	7,780.00	194.07	191.07	89.99	-678.01	6,471.98	3,765.80	3,381.97	383.84	9.811		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - 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	7,780.00	14,969.83	7,780.00	196.70	193.73	89.99	-679.21	6,571.96	3,767.29	3,378.14	389.14	9.681		
15,700.00	7,780.00	15,069.82	7,780.00	199.34	196.40	89.99	-680.41	6,671.94	3,768.77	3,374.32	394.45	9.554		
15,800.00	7,780.00	15,169.81	7,780.00	201.98	199.06	89.99	-681.60	6,771.93	3,770.26	3,370.49	399.77	9.431		
15,900.00	7,780.00	15,269.80	7,780.00	204.62	201.73	89.99	-682.80	6,871.91	3,771.74	3,366.66	405.08	9.311		
16,000.00	7,780.00	15,369.79	7,780.00	207.26	204.39	89.99	-684.00	6,971.89	3,773.23	3,362.83	410.40	9.194		
16,100.00	7,780.00	15,469.78	7,780.00	209.90	207.06	89.99	-685.20	7,071.87	3,774.71	3,359.00	415.71	9.080		
16,200.00	7,780.00	15,569.76	7,780.00	212.54	209.73	89.99	-686.40	7,171.85	3,776.20	3,355.16	421.03	8.969		
16,300.00	7,780.00	15,669.75	7,780.00	215.19	212.39	89.99	-687.59	7,271.83	3,777.68	3,351.32	426.35	8.860		
16,400.00	7,780.00	15,743.60	7,780.00	217.83	214.36	89.99	-688.48	7,345.68	3,779.25	3,348.41	430.84	8.772		
16,500.00	7,780.00	15,800.00	7,780.00	220.48	215.87	89.99	-689.71	7,402.06	3,781.85	3,347.12	434.72	8.699		
16,600.00	7,780.00	15,841.02	7,780.00	223.13	216.97	89.99	-691.30	7,443.05	3,785.98	3,347.97	438.01	8.644		
16,700.00	7,780.00	15,900.00	7,780.00	225.78	218.54	89.99	-694.62	7,501.94	3,791.69	3,349.84	441.85	8.581		
16,800.00	7,780.00	15,926.92	7,780.00	228.43	219.26	89.99	-696.54	7,528.78	3,798.74	3,354.32	444.42	8.548		
16,900.00	7,780.00	16,004.72	7,780.00	231.08	221.34	89.99	-702.19	7,596.91	3,807.21	3,358.46	448.75	8.484		
17,000.00	7,780.00	16,105.10	7,780.00	233.73	224.03	89.99	-710.57	7,696.18	3,815.90	3,361.82	454.09	8.403		
17,100.00	7,780.00	16,194.52	7,780.00	236.38	226.42	89.99	-718.95	7,795.45	3,824.60	3,365.47	459.13	8.330		
17,200.00	7,780.00	16,305.85	7,780.00	239.04	229.40	89.99	-727.32	7,894.72	3,833.30	3,368.53	464.76	8.248		
17,300.00	7,780.00	16,406.23	7,780.00	241.69	232.09	89.99	-735.70	7,993.99	3,841.99	3,371.88	470.11	8.173		
17,400.00	7,780.00	16,506.61	7,780.00	244.35	234.78	89.99	-744.08	8,093.26	3,850.69	3,375.24	475.45	8.099		
17,500.00	7,780.00	16,606.99	7,780.00	247.00	237.46	89.99	-752.46	8,192.52	3,859.38	3,378.59	480.79	8.027		
17,600.00	7,780.00	16,707.37	7,780.00	249.66	240.15	89.99	-760.84	8,291.79	3,868.08	3,381.94	486.14	7.957		
17,700.00	7,780.00	16,807.75	7,780.00	252.32	242.84	89.99	-769.21	8,391.06	3,876.77	3,385.29	491.48	7.888		
17,800.00	7,780.00	16,908.13	7,780.00	254.98	245.53	89.99	-777.59	8,490.33	3,885.47	3,388.64	496.83	7.821		
17,900.00	7,780.00	17,008.51	7,780.00	257.64	248.22	89.99	-785.97	8,589.60	3,894.16	3,391.99	502.18	7.755		
18,000.00	7,780.00	17,108.88	7,780.00	260.30	250.92	89.99	-794.35	8,688.87	3,902.86	3,395.33	507.52	7.690		
18,100.00	7,780.00	17,209.26	7,780.00	262.96	253.61	89.99	-802.73	8,788.13	3,911.55	3,398.68	512.87	7.627		
18,200.00	7,780.00	17,309.64	7,780.00	265.62	256.30	89.99	-811.11	8,887.40	3,920.25	3,402.02	518.23	7.565		
18,300.00	7,780.00	17,389.98	7,780.00	268.28	258.45	89.99	-819.48	8,986.67	3,928.94	3,405.90	523.04	7.512		
18,400.00	7,780.00	17,489.60	7,780.00	270.94	261.13	89.99	-827.86	9,085.94	3,937.64	3,409.27	528.37	7.452		
18,500.00	7,780.00	17,589.22	7,780.00	273.61	263.80	89.99	-836.24	9,185.21	3,946.33	3,412.63	533.71	7.394		
18,600.00	7,780.00	17,688.84	7,780.00	276.27	266.47	89.99	-844.62	9,284.48	3,955.03	3,415.99	539.04	7.337		
18,700.00	7,780.00	17,788.46	7,780.00	278.93	269.15	89.99	-853.00	9,383.74	3,963.72	3,419.35	544.38	7.281		
18,800.00	7,780.00	17,888.09	7,780.00	281.60	271.82	89.99	-861.37	9,483.01	3,972.42	3,422.71	549.71	7.226		
18,900.00	7,780.00	17,987.71	7,780.00	284.26	274.50	89.99	-869.75	9,582.28	3,981.11	3,426.07	555.05	7.173		
19,000.00	7,780.00	18,087.33	7,780.00	286.93	277.17	89.99	-878.13	9,681.55	3,989.81	3,429.42	560.39	7.120		
19,100.00	7,780.00	18,186.95	7,780.00	289.60	279.85	89.99	-886.51	9,780.82	3,998.50	3,432.78	565.72	7.068		
19,200.00	7,780.00	18,286.57	7,780.00	292.26	282.53	89.99	-894.89	9,880.09	4,007.20	3,436.14	571.06	7.017		
19,300.00	7,780.00	18,386.19	7,780.00	294.93	285.20	89.99	-903.26	9,979.35	4,015.89	3,439.49	576.40	6.967		
19,400.00	7,780.00	18,485.81	7,780.00	297.60	287.88	89.99	-911.64	10,078.62	4,024.59	3,442.85	581.74	6.918		
19,500.00	7,780.00	18,585.43	7,780.00	300.27	290.56	89.99	-920.02	10,177.89	4,033.29	3,446.20	587.09	6.870		
19,600.00	7,780.00	18,685.06	7,780.00	302.94	293.23	89.99	-928.40	10,277.16	4,041.98	3,449.55	592.43	6.823		
19,700.00	7,780.00	18,784.68	7,780.00	305.60	295.91	89.99	-936.78	10,376.43	4,050.68	3,452.91	597.77	6.776		
19,800.00	7,780.00	18,884.30	7,780.00	308.27	298.59	89.99	-945.16	10,475.70	4,059.37	3,456.26	603.11	6.731		
19,900.00	7,780.00	18,983.92	7,780.00	310.94	301.27	89.99	-953.53	10,574.96	4,068.07	3,459.61	608.46	6.686		
20,000.00	7,780.00	19,083.54	7,780.00	313.61	303.95	89.99	-961.91	10,674.23	4,076.76	3,462.96	613.80	6.642		
20,100.00	7,780.00	19,183.16	7,780.00	316.28	306.63	89.99	-970.29	10,773.50	4,085.46	3,466.31	619.15	6.599		
20,200.00	7,780.00	19,282.78	7,780.00	318.95	309.31	89.99	-978.67	10,872.77	4,094.15	3,469.66	624.49	6.556		
20,300.00	7,780.00	19,382.40	7,780.00	321.63	311.99	89.99	-987.05	10,972.04	4,102.85	3,473.01	629.84	6.514		
20,400.00	7,780.00	19,482.03	7,780.00	324.30	314.67	89.99	-995.42	11,071.31	4,111.54	3,476.36	635.19	6.473		
20,500.00	7,780.00	19,581.65	7,780.00	326.97	317.35	89.99	-1,003.80	11,170.57	4,120.24	3,479.70	640.53	6.433		
20,600.00	7,780.00	19,681.27	7,780.00	329.64	320.03	89.99	-1,012.18	11,269.84	4,128.93	3,483.05	645.88	6.393		
20,700.00	7,780.00	19,780.89	7,780.00	332.32	322.71	89.99	-1,020.56	11,369.11	4,137.63	3,486.40	651.23	6.354		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - 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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,780.00	19,880.51	7,780.00	334.99	325.39	89.99	-1,028.94	11,468.38	4,146.32	3,489.74	656.58	6.315		
20,900.00	7,780.00	19,980.13	7,780.00	337.66	328.07	89.99	-1,037.31	11,567.65	4,155.02	3,493.09	661.93	6.277		
21,000.00	7,780.00	20,079.75	7,780.00	340.34	330.75	89.99	-1,045.69	11,666.92	4,163.71	3,496.44	667.28	6.240		
21,100.00	7,780.00	20,179.37	7,780.00	343.01	333.43	89.99	-1,054.07	11,766.18	4,172.41	3,499.78	672.63	6.203		
21,200.00	7,780.00	20,279.00	7,780.00	345.68	336.11	89.99	-1,062.45	11,865.45	4,181.10	3,503.13	677.98	6.167		
21,300.00	7,780.00	20,378.62	7,780.00	348.36	338.80	89.99	-1,070.83	11,964.72	4,189.80	3,506.47	683.33	6.131		
21,400.00	7,780.00	20,478.24	7,780.00	351.03	341.48	89.99	-1,079.21	12,063.99	4,198.49	3,509.81	688.68	6.096		
21,500.00	7,780.00	20,577.86	7,780.00	353.71	344.16	89.99	-1,087.58	12,163.26	4,207.19	3,513.16	694.03	6.062		
21,600.00	7,780.00	20,677.48	7,780.00	356.38	346.84	89.99	-1,095.96	12,262.53	4,215.88	3,516.50	699.39	6.028		
21,700.00	7,780.00	20,777.10	7,780.00	359.06	349.53	89.99	-1,104.34	12,361.79	4,224.58	3,519.84	704.74	5.995		
21,800.00	7,780.00	20,876.72	7,780.00	361.73	352.21	89.99	-1,112.72	12,461.06	4,233.28	3,523.18	710.09	5.962		
21,900.00	7,780.00	20,976.34	7,780.00	364.41	354.89	89.99	-1,121.10	12,560.33	4,241.97	3,526.53	715.44	5.929		
22,000.00	7,780.00	21,075.97	7,780.00	367.09	357.58	89.99	-1,129.47	12,659.60	4,250.67	3,529.87	720.80	5.897		
22,100.00	7,780.00	21,175.59	7,780.00	369.76	360.26	89.99	-1,137.85	12,758.87	4,259.36	3,533.21	726.15	5.866		
22,200.00	7,780.00	21,275.21	7,780.00	372.44	362.94	89.99	-1,146.23	12,858.14	4,268.06	3,536.55	731.51	5.835		
22,300.00	7,780.00	21,374.83	7,780.00	375.12	365.63	89.99	-1,154.61	12,957.40	4,276.75	3,539.89	736.86	5.804		
22,400.00	7,780.00	21,474.45	7,780.00	377.79	368.31	89.99	-1,162.99	13,056.67	4,285.45	3,543.23	742.22	5.774		
22,500.00	7,780.00	21,574.07	7,780.00	380.47	371.00	89.99	-1,171.36	13,155.94	4,294.14	3,546.57	747.57	5.744		
22,600.00	7,780.00	21,673.69	7,780.00	383.15	373.68	89.99	-1,179.74	13,255.21	4,302.84	3,549.91	752.93	5.715		
22,700.00	7,780.00	21,773.31	7,780.00	385.83	376.37	89.99	-1,188.12	13,354.48	4,311.53	3,553.25	758.29	5.686		
22,800.00	7,780.00	21,872.94	7,780.00	388.51	379.05	89.99	-1,196.50	13,453.75	4,320.23	3,556.59	763.64	5.657		
22,900.00	7,780.00	21,972.56	7,780.00	391.18	381.74	89.99	-1,204.88	13,553.01	4,328.92	3,559.92	769.00	5.629		
23,000.00	7,780.00	22,072.18	7,780.00	393.86	384.42	89.99	-1,213.25	13,652.28	4,337.62	3,563.26	774.36	5.602		
23,100.00	7,780.00	22,171.80	7,780.00	396.54	387.11	89.99	-1,221.63	13,751.55	4,346.31	3,566.60	779.71	5.574		
23,200.00	7,780.00	22,271.42	7,780.00	399.22	389.79	89.99	-1,230.01	13,850.82	4,355.01	3,569.94	785.07	5.547		
23,300.00	7,780.00	22,371.04	7,780.00	401.90	392.48	89.99	-1,238.39	13,950.09	4,363.70	3,573.27	790.43	5.521		
23,400.00	7,780.00	22,470.66	7,780.00	404.58	395.16	89.99	-1,246.77	14,049.36	4,372.40	3,576.61	795.79	5.494		
23,500.00	7,780.00	22,570.28	7,780.00	407.26	397.85	89.99	-1,255.15	14,148.62	4,381.09	3,579.95	801.15	5.469		
23,600.00	7,780.00	22,669.91	7,780.00	409.94	400.53	89.99	-1,263.52	14,247.89	4,389.79	3,583.28	806.50	5.443		
23,700.00	7,780.00	22,769.53	7,780.00	412.62	403.22	89.99	-1,271.90	14,347.16	4,398.48	3,586.62	811.86	5.418		
23,800.00	7,780.00	22,869.15	7,780.00	415.30	405.91	89.99	-1,280.28	14,446.43	4,407.18	3,589.96	817.22	5.393		
23,900.00	7,780.00	22,968.77	7,780.00	417.98	408.59	89.99	-1,288.66	14,545.70	4,415.87	3,593.29	822.58	5.368		
24,000.00	7,780.00	23,068.39	7,780.00	420.66	411.28	89.99	-1,297.04	14,644.97	4,424.57	3,596.63	827.94	5.344		
24,100.00	7,780.00	23,168.01	7,780.00	423.34	413.97	89.99	-1,305.41	14,744.23	4,433.27	3,599.96	833.30	5.320		
24,200.00	7,780.00	23,267.63	7,780.00	426.02	416.65	89.99	-1,313.79	14,843.50	4,441.96	3,603.30	838.66	5.296		
24,225.31	7,780.00	23,307.16	7,780.00	426.70	417.72	89.99	-1,315.91	14,868.63	4,444.16	3,603.76	840.41	5.288 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	47.63	47.63	0.00	0.06	-129.00	-1,098.67	-1,356.69	1,745.78					
100.00	100.00	145.14	145.14	0.13	0.33	-129.00	-1,099.03	-1,357.30	1,746.49	1,746.03	0.46	3,768.212		
200.00	199.98	248.11	248.11	0.50	0.70	-113.47	-1,099.11	-1,357.92	1,747.71	1,746.52	1.19	1,468.118		
300.00	299.84	347.62	347.61	0.86	1.05	-113.57	-1,099.13	-1,358.50	1,750.26	1,748.35	1.91	915.499		
400.00	399.45	447.28	447.27	1.23	1.41	-113.75	-1,099.25	-1,359.02	1,754.26	1,751.61	2.64	663.429		
500.00	498.70	548.53	548.52	1.63	1.77	-114.01	-1,099.45	-1,359.40	1,759.64	1,756.24	3.40	517.970		
600.00	597.47	647.75	647.74	2.05	2.13	-114.35	-1,099.68	-1,359.65	1,766.46	1,762.30	4.16	424.357		
700.00	695.62	745.67	745.66	2.49	2.48	-114.75	-1,099.95	-1,359.87	1,774.86	1,769.91	4.95	358.728		
800.00	793.06	843.64	843.63	2.98	2.83	-115.22	-1,100.21	-1,360.07	1,784.90	1,779.14	5.76	309.859		
900.00	889.64	939.46	939.45	3.50	3.17	-115.73	-1,100.49	-1,360.24	1,796.68	1,790.09	6.60	272.415		
1,000.00	985.27	1,034.67	1,034.66	4.06	3.51	-116.28	-1,100.76	-1,360.48	1,810.36	1,802.90	7.46	242.665		
1,100.00	1,079.82	1,129.85	1,129.84	4.66	3.85	-116.88	-1,100.99	-1,360.72	1,825.95	1,817.59	8.36	218.476		
1,200.00	1,173.17	1,222.87	1,222.85	5.31	4.18	-117.50	-1,101.20	-1,360.97	1,843.59	1,834.31	9.28	198.687		
1,300.00	1,265.21	1,314.76	1,314.74	6.01	4.51	-118.15	-1,101.45	-1,361.18	1,863.41	1,853.18	10.23	182.218		
1,400.00	1,356.40	1,406.47	1,406.46	6.74	4.84	-119.14	-1,101.75	-1,361.33	1,884.85	1,873.66	11.19	168.461		
1,500.00	1,447.57	1,497.60	1,497.59	7.49	5.16	-120.15	-1,102.05	-1,361.40	1,906.92	1,894.78	12.15	157.001		
1,600.00	1,538.75	1,586.44	1,586.42	8.24	5.48	-121.12	-1,102.42	-1,361.51	1,929.70	1,916.61	13.09	147.404		
1,700.00	1,629.92	1,675.67	1,675.66	8.99	5.80	-122.07	-1,102.86	-1,361.67	1,953.18	1,939.15	14.03	139.178		
1,800.00	1,721.09	1,765.42	1,765.40	9.75	6.12	-123.01	-1,103.41	-1,361.81	1,977.33	1,962.36	14.97	132.071		
1,900.00	1,812.27	1,856.54	1,856.52	10.51	6.44	-123.95	-1,104.00	-1,361.93	2,002.07	1,986.16	15.91	125.852		
2,000.00	1,903.44	1,947.58	1,947.56	11.28	6.77	-124.86	-1,104.57	-1,362.09	2,027.35	2,010.52	16.84	120.405		
2,100.00	1,994.61	2,038.39	2,038.36	12.04	7.09	-125.75	-1,105.10	-1,362.28	2,053.17	2,035.41	17.76	115.608		
2,200.00	2,085.78	2,129.20	2,129.18	12.81	7.42	-126.62	-1,105.63	-1,362.50	2,079.50	2,060.83	18.67	111.353		
2,300.00	2,176.96	2,220.94	2,220.91	13.58	7.74	-127.48	-1,106.14	-1,362.72	2,106.31	2,086.72	19.59	107.540		
2,400.00	2,268.13	2,324.27	2,324.24	14.35	8.11	-128.41	-1,106.47	-1,363.06	2,133.47	2,112.93	20.54	103.886		
2,500.00	2,359.30	2,527.18	2,527.01	15.12	8.79	-130.10	-1,099.89	-1,363.21	2,158.07	2,136.23	21.84	98.815		
2,600.00	2,450.48	2,636.92	2,636.53	15.89	9.16	-130.95	-1,093.06	-1,362.46	2,180.43	2,157.65	22.78	95.712		
2,700.00	2,541.65	2,740.04	2,739.41	16.67	9.51	-131.73	-1,086.07	-1,361.65	2,202.66	2,178.96	23.70	92.954		
2,800.00	2,632.82	2,824.13	2,823.30	17.44	9.79	-132.35	-1,080.27	-1,360.84	2,225.06	2,200.52	24.54	90.679		
2,900.00	2,724.00	2,902.51	2,901.53	18.21	10.06	-132.93	-1,075.52	-1,360.27	2,248.55	2,223.20	25.35	88.694		
3,000.00	2,815.17	2,995.89	2,994.75	18.99	10.38	-133.60	-1,070.08	-1,359.66	2,272.61	2,246.39	26.22	86.688		
3,100.00	2,906.34	3,094.19	3,092.87	19.76	10.71	-134.30	-1,064.18	-1,359.11	2,296.88	2,269.79	27.09	84.772		
3,200.00	2,997.52	3,191.93	3,190.42	20.54	11.05	-134.97	-1,058.02	-1,358.53	2,321.18	2,293.22	27.97	82.996		
3,300.00	3,088.69	3,281.15	3,279.47	21.31	11.36	-135.58	-1,052.53	-1,357.82	2,345.82	2,317.02	28.80	81.447		
3,400.00	3,179.86	3,365.83	3,364.00	22.09	11.66	-136.14	-1,047.44	-1,357.33	2,370.96	2,341.35	29.61	80.064		
3,500.00	3,271.04	3,442.37	3,440.40	22.86	11.93	-136.63	-1,042.94	-1,357.73	2,396.93	2,366.54	30.39	78.875		
3,600.00	3,362.21	3,533.78	3,531.65	23.64	12.25	-137.18	-1,037.65	-1,358.83	2,423.50	2,392.27	31.22	77.615		
3,700.00	3,453.38	3,627.85	3,625.56	24.42	12.58	-137.74	-1,032.26	-1,359.91	2,450.32	2,418.25	32.07	76.412		
3,800.00	3,544.56	3,723.06	3,720.63	25.19	12.91	-138.32	-1,027.08	-1,360.26	2,477.32	2,444.42	32.91	75.283		
3,900.00	3,635.73	3,817.32	3,814.76	25.97	13.24	-138.90	-1,022.25	-1,359.81	2,504.51	2,470.77	33.73	74.243		
4,000.00	3,726.90	3,920.33	3,917.62	26.75	13.61	-139.51	-1,016.79	-1,359.18	2,531.73	2,497.13	34.59	73.184		
4,100.00	3,818.08	4,014.77	4,011.91	27.53	13.94	-140.07	-1,011.62	-1,358.50	2,558.98	2,523.57	35.41	72.259		
4,200.00	3,909.25	4,101.31	4,098.34	28.30	14.25	-140.57	-1,007.03	-1,357.71	2,586.56	2,550.36	36.19	71.463		
4,300.00	4,000.42	4,193.30	4,190.19	29.08	14.57	-141.09	-1,002.12	-1,357.31	2,614.48	2,577.49	37.00	70.666		
4,400.00	4,091.60	4,295.00	4,291.73	29.86	14.94	-141.63	-996.27	-1,357.54	2,642.49	2,604.64	37.85	69.824		
4,500.00	4,182.77	4,379.29	4,375.87	30.64	15.24	-142.07	-991.43	-1,357.77	2,670.70	2,632.08	38.61	69.169		
4,600.00	4,273.94	4,456.33	4,452.81	31.41	15.51	-142.47	-987.36	-1,358.01	2,699.51	2,660.17	39.34	68.622		
4,700.00	4,365.12	4,565.87	4,562.20	32.19	15.90	-143.02	-981.78	-1,358.30	2,728.67	2,688.46	40.21	67.854		
4,800.00	4,456.29	4,656.27	4,652.47	32.97	16.23	-143.48	-976.91	-1,358.10	2,757.57	2,716.58	40.99	67.266		
4,900.00	4,547.46	4,736.51	4,732.61	33.75	16.51	-143.88	-972.93	-1,357.64	2,786.94	2,745.21	41.72	66.796		
5,000.00	4,638.63	4,869.63	4,865.54	34.52	16.99	-144.54	-965.91	-1,356.75	2,816.21	2,773.52	42.69	65.961		
5,100.00	4,729.81	4,956.48	4,952.23	35.30	17.30	-144.96	-960.74	-1,355.85	2,844.91	2,801.46	43.45	65.476		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,820.98	5,027.81	5,023.45	36.08	17.56	-145.30	-956.91	-1,355.03	2,874.25	2,830.13	44.13	65.137		
5,300.00	4,912.15	5,113.21	5,108.75	36.86	17.86	-145.70	-952.72	-1,354.46	2,904.30	2,859.43	44.87	64.731		
5,400.00	5,003.33	5,206.97	5,202.37	37.64	18.20	-146.10	-947.74	-1,355.25	2,934.55	2,888.90	45.66	64.277		
5,500.00	5,094.50	5,283.49	5,278.78	38.42	18.47	-146.42	-943.69	-1,356.29	2,965.10	2,918.74	46.36	63.962		
5,600.00	5,185.67	5,359.79	5,354.99	39.19	18.75	-146.73	-940.30	-1,357.16	2,996.45	2,949.40	47.05	63.685		
5,700.00	5,276.85	5,545.92	5,540.86	39.97	19.42	-147.50	-930.58	-1,357.87	3,027.41	2,979.12	48.29	62.693		
5,800.00	5,368.02	5,639.94	5,634.63	40.75	19.76	-147.87	-923.71	-1,357.52	3,056.07	3,007.00	49.07	62.280		
5,900.00	5,459.19	5,706.00	5,700.55	41.53	20.00	-148.14	-919.46	-1,357.41	3,085.64	3,035.93	49.71	62.070		
6,000.00	5,550.37	5,772.66	5,767.10	42.31	20.24	-148.40	-915.74	-1,357.44	3,116.15	3,065.80	50.35	61.889		
6,100.00	5,641.54	5,844.76	5,839.11	43.09	20.50	-148.68	-912.07	-1,357.67	3,147.36	3,096.34	51.01	61.698		
6,200.00	5,732.71	5,930.91	5,925.17	43.87	20.81	-149.00	-908.20	-1,358.32	3,179.27	3,127.53	51.75	61.440		
6,300.00	5,823.89	6,025.32	6,019.46	44.64	21.15	-149.34	-903.56	-1,359.21	3,210.98	3,158.46	52.52	61.135		
6,400.00	5,915.06	6,117.38	6,111.41	45.42	21.49	-149.65	-899.46	-1,360.72	3,243.34	3,190.05	53.29	60.863		
6,500.00	6,006.23	6,247.59	6,241.41	46.20	21.96	-150.09	-892.06	-1,362.24	3,274.45	3,220.19	54.26	60.351		
6,600.00	6,097.41	6,315.35	6,309.06	46.98	22.20	-150.32	-888.28	-1,363.03	3,305.90	3,251.01	54.89	60.225		
6,700.00	6,188.58	6,385.72	6,379.34	47.76	22.46	-150.55	-885.00	-1,364.24	3,338.33	3,282.79	55.54	60.108		
6,800.00	6,279.75	6,544.21	6,537.60	48.54	23.03	-151.06	-876.67	-1,366.07	3,370.29	3,313.64	56.66	59.487		
6,900.00	6,370.93	6,618.78	6,612.03	49.32	23.30	-151.31	-872.30	-1,365.70	3,401.43	3,344.12	57.32	59.344		
7,000.00	6,462.10	6,672.41	6,665.60	50.10	23.50	-151.50	-869.64	-1,365.26	3,433.48	3,375.62	57.86	59.340		
7,100.00	6,553.27	6,714.22	6,707.38	50.88	23.65	-151.64	-868.18	-1,364.99	3,466.92	3,408.59	58.33	59.438		
7,200.00	6,644.45	6,763.35	6,756.50	51.65	23.82	-151.81	-867.19	-1,364.78	3,501.77	3,442.95	58.83	59.528		
7,300.00	6,735.62	6,834.62	6,827.76	52.43	24.07	-152.05	-866.29	-1,364.52	3,537.48	3,478.03	59.44	59.511		
7,400.00	6,826.79	6,926.67	6,919.81	53.21	24.39	-152.36	-865.46	-1,363.93	3,573.55	3,513.37	60.18	59.384		
7,500.00	6,917.96	7,019.21	7,012.35	53.99	24.71	-152.67	-864.64	-1,363.01	3,609.67	3,548.76	60.91	59.263		
7,600.00	7,009.14	7,101.98	7,095.10	54.77	25.00	-152.95	-863.97	-1,362.23	3,645.97	3,584.39	61.58	59.202		
7,700.00	7,100.31	7,184.49	7,177.61	55.55	25.28	-153.22	-863.51	-1,361.49	3,682.60	3,620.34	62.26	59.152		
7,800.00	7,191.48	7,267.41	7,260.53	56.33	25.57	-153.48	-863.14	-1,361.07	3,719.46	3,656.53	62.93	59.102 SF		
7,900.00	7,283.04	7,322.61	7,315.69	57.06	25.76	-178.66	-862.91	-1,362.88	3,758.34	3,694.91	63.43	59.253		
8,000.00	7,373.73	7,367.41	7,360.30	57.68	25.92	156.39	-862.83	-1,366.90	3,800.56	3,736.74	63.82	59.552		
8,100.00	7,460.79	7,406.00	7,398.52	58.18	26.05	137.15	-862.91	-1,372.25	3,845.08	3,780.93	64.15	59.941		
8,200.00	7,541.58	7,438.00	7,429.97	58.56	26.16	122.94	-863.13	-1,378.11	3,890.80	3,826.37	64.43	60.388		
8,300.00	7,613.66	7,463.70	7,455.05	58.83	26.25	112.13	-863.36	-1,383.74	3,936.56	3,871.87	64.69	60.852		
8,400.00	7,674.81	7,505.18	7,495.12	59.00	26.38	103.93	-863.52	-1,394.43	3,981.15	3,916.01	65.14	61.113		
8,500.00	7,723.20	7,516.78	7,506.22	59.08	26.42	97.08	-863.49	-1,397.78	4,023.58	3,958.14	65.44	61.489		
8,600.00	7,757.34	7,519.61	7,508.93	59.09	26.43	91.58	-863.48	-1,398.62	4,062.89	3,997.12	65.76	61.781		
8,700.00	7,776.21	7,513.89	7,503.46	59.03	26.41	87.30	-863.50	-1,396.93	4,098.04	4,031.90	66.14	61.961		
8,800.00	7,780.00	7,501.00	7,491.11	58.92	26.37	84.98	-863.52	-1,393.27	4,128.40	4,061.83	66.57	62.014		
8,900.00	7,780.00	7,482.48	7,473.25	58.81	26.31	84.72	-863.49	-1,388.35	4,159.04	4,091.97	67.06	62.016		
9,000.00	7,780.00	7,469.00	7,460.19	58.73	26.26	84.53	-863.41	-1,385.00	4,191.72	4,124.03	67.69	61.926		
9,100.00	7,780.00	7,458.30	7,449.79	58.67	26.23	84.38	-863.32	-1,382.49	4,226.45	4,158.03	68.42	61.775		
9,200.00	7,780.00	7,450.32	7,442.01	58.64	26.20	84.27	-863.25	-1,380.71	4,263.20	4,193.97	69.23	61.578		
9,300.00	7,780.00	7,438.00	7,429.97	58.63	26.16	84.10	-863.13	-1,378.11	4,301.93	4,231.86	70.07	61.394		
9,400.00	7,780.00	7,438.00	7,429.97	58.67	26.16	84.10	-863.13	-1,378.11	4,342.57	4,271.51	71.05	61.117		
9,500.00	7,780.00	7,438.00	7,429.97	58.76	26.16	84.10	-863.13	-1,378.11	4,385.11	4,313.04	72.07	60.844		
9,600.00	7,780.00	7,438.00	7,429.97	58.91	26.16	84.10	-863.13	-1,378.11	4,429.50	4,356.39	73.12	60.582		
9,700.00	7,780.00	7,423.03	7,415.29	59.15	26.11	83.88	-863.01	-1,375.20	4,475.58	4,401.51	74.07	60.425		
9,800.00	7,780.00	7,419.02	7,411.34	59.53	26.09	83.83	-862.98	-1,374.47	4,523.43	4,448.31	75.12	60.217		
9,900.00	7,780.00	7,406.00	7,398.52	60.09	26.05	83.64	-862.91	-1,372.25	4,573.00	4,496.89	76.11	60.083		
10,000.00	7,780.00	7,406.00	7,398.52	60.91	26.05	83.64	-862.91	-1,372.25	4,624.12	4,546.92	77.20	59.897		
10,100.00	7,780.00	7,406.00	7,398.52	62.01	26.05	83.64	-862.91	-1,372.25	4,676.81	4,598.53	78.29	59.738		
10,200.00	7,780.00	7,406.00	7,398.52	63.39	26.05	83.64	-862.91	-1,372.25	4,731.04	4,651.67	79.37	59.608		
10,300.00	7,780.00	7,406.00	7,398.52	65.02	26.05	83.64	-862.91	-1,372.25	4,786.74	4,706.30	80.44	59.507		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,406.00	7,398.52	66.83	26.05	83.64	-862.91	-1,372.25	4,843.86	4,762.36	81.50	59.435		
10,500.00	7,780.00	7,406.00	7,398.52	68.78	26.05	83.64	-862.91	-1,372.25	4,902.36	4,819.81	82.54	59.393		
10,600.00	7,780.00	7,392.47	7,385.15	70.83	26.00	83.45	-862.86	-1,370.17	4,962.08	4,878.60	83.48	59.440		
10,700.00	7,780.00	7,389.72	7,382.43	72.95	25.99	83.41	-862.86	-1,369.77	5,023.14	4,938.67	84.47	59.465		
10,800.00	7,780.00	7,387.09	7,379.83	75.14	25.99	83.37	-862.85	-1,369.40	5,085.42	4,999.98	85.45	59.516		
10,900.00	7,780.00	7,375.00	7,367.84	77.37	25.94	83.20	-862.83	-1,367.81	5,148.94	5,062.60	86.34	59.635		
11,000.00	7,780.00	7,375.00	7,367.84	79.65	25.94	83.20	-862.83	-1,367.81	5,213.52	5,126.23	87.29	59.726		
11,100.00	7,780.00	7,375.00	7,367.84	81.96	25.94	83.20	-862.83	-1,367.81	5,279.21	5,190.99	88.22	59.844		
11,200.00	7,780.00	7,375.00	7,367.84	84.29	25.94	83.20	-862.83	-1,367.81	5,345.96	5,256.84	89.12	59.985		
11,300.00	7,780.00	7,375.00	7,367.84	86.65	25.94	83.20	-862.83	-1,367.81	5,413.73	5,323.73	90.00	60.151		
11,400.00	7,780.00	7,375.00	7,367.84	89.04	25.94	83.20	-862.83	-1,367.81	5,482.50	5,391.63	90.86	60.339		
11,500.00	7,780.00	7,375.00	7,367.84	91.44	25.94	83.20	-862.83	-1,367.81	5,552.21	5,460.51	91.70	60.549		
11,600.00	7,780.00	7,375.00	7,367.84	93.86	25.94	83.20	-862.83	-1,367.81	5,622.83	5,530.32	92.51	60.779		
11,700.00	7,780.00	7,375.00	7,367.84	96.30	25.94	83.20	-862.83	-1,367.81	5,694.34	5,601.03	93.30	61.030		
11,800.00	7,780.00	7,375.00	7,367.84	98.75	25.94	83.20	-862.83	-1,367.81	5,766.69	5,672.62	94.07	61.300		
11,900.00	7,780.00	7,375.00	7,367.84	101.22	25.94	83.20	-862.83	-1,367.81	5,839.86	5,745.04	94.82	61.587		
12,000.00	7,780.00	7,375.00	7,367.84	103.69	25.94	83.20	-862.83	-1,367.81	5,913.81	5,818.26	95.55	61.893		
12,100.00	7,780.00	7,360.48	7,353.41	106.18	25.89	82.99	-862.83	-1,366.13	5,988.41	5,892.23	96.18	62.262		
12,200.00	7,780.00	7,358.88	7,351.83	108.68	25.89	82.97	-862.83	-1,365.96	6,063.82	5,966.96	96.86	62.603		
12,300.00	7,780.00	7,357.33	7,350.29	111.19	25.88	82.95	-862.83	-1,365.79	6,139.93	6,042.41	97.52	62.960		
12,400.00	7,780.00	7,343.00	7,336.02	113.70	25.83	82.74	-862.85	-1,364.42	6,216.81	6,118.71	98.10	63.373		
12,500.00	7,780.00	7,343.00	7,336.02	116.23	25.83	82.74	-862.85	-1,364.42	6,294.23	6,195.50	98.73	63.753		
12,600.00	7,780.00	7,343.00	7,336.02	118.76	25.83	82.74	-862.85	-1,364.42	6,372.27	6,272.93	99.34	64.145		
12,700.00	7,780.00	7,343.00	7,336.02	121.30	25.83	82.74	-862.85	-1,364.42	6,450.92	6,350.99	99.94	64.550		
12,800.00	7,780.00	7,343.00	7,336.02	123.84	25.83	82.74	-862.85	-1,364.42	6,530.16	6,429.64	100.51	64.967		
12,900.00	7,780.00	7,343.00	7,336.02	126.39	25.83	82.74	-862.85	-1,364.42	6,609.96	6,508.88	101.08	65.396		
13,000.00	7,780.00	7,343.00	7,336.02	128.95	25.83	82.74	-862.85	-1,364.42	6,690.30	6,588.68	101.62	65.836		
13,100.00	7,780.00	7,343.00	7,336.02	131.51	25.83	82.74	-862.85	-1,364.42	6,771.16	6,669.01	102.15	66.286		
13,200.00	7,780.00	7,343.00	7,336.02	134.08	25.83	82.74	-862.85	-1,364.42	6,852.53	6,749.87	102.67	66.746		
13,300.00	7,780.00	7,343.00	7,336.02	136.65	25.83	82.74	-862.85	-1,364.42	6,934.39	6,831.23	103.17	67.216		
13,400.00	7,780.00	7,343.00	7,336.02	139.23	25.83	82.74	-862.85	-1,364.42	7,016.72	6,913.07	103.65	67.695		
13,500.00	7,780.00	7,343.00	7,336.02	141.81	25.83	82.74	-862.85	-1,364.42	7,099.50	6,995.38	104.12	68.184		
13,600.00	7,780.00	7,343.00	7,336.02	144.40	25.83	82.74	-862.85	-1,364.42	7,182.72	7,078.14	104.58	68.680		
13,700.00	7,780.00	7,343.00	7,336.02	146.99	25.83	82.74	-862.85	-1,364.42	7,266.36	7,161.33	105.03	69.185		
13,800.00	7,780.00	7,343.00	7,336.02	149.58	25.83	82.74	-862.85	-1,364.42	7,350.41	7,244.95	105.46	69.697		
13,900.00	7,780.00	7,343.00	7,336.02	152.17	25.83	82.74	-862.85	-1,364.42	7,434.86	7,328.98	105.88	70.217		
14,000.00	7,780.00	7,343.00	7,336.02	154.77	25.83	82.74	-862.85	-1,364.42	7,519.69	7,413.39	106.29	70.744		
14,100.00	7,780.00	7,343.00	7,336.02	157.38	25.83	82.74	-862.85	-1,364.42	7,604.89	7,498.19	106.69	71.277		
14,200.00	7,780.00	7,343.00	7,336.02	159.98	25.83	82.74	-862.85	-1,364.42	7,690.44	7,583.36	107.08	71.818		
14,300.00	7,780.00	7,343.00	7,336.02	162.59	25.83	82.74	-862.85	-1,364.42	7,776.34	7,668.87	107.46	72.364		
14,400.00	7,780.00	7,343.00	7,336.02	165.20	25.83	82.74	-862.85	-1,364.42	7,862.57	7,754.74	107.83	72.916		
14,500.00	7,780.00	7,343.00	7,336.02	167.81	25.83	82.74	-862.85	-1,364.42	7,949.12	7,840.93	108.19	73.475		
14,600.00	7,780.00	7,343.00	7,336.02	170.43	25.83	82.74	-862.85	-1,364.42	8,035.99	7,927.45	108.54	74.038		
14,700.00	7,780.00	7,343.00	7,336.02	173.05	25.83	82.74	-862.85	-1,364.42	8,123.15	8,014.28	108.88	74.607		
14,800.00	7,780.00	7,343.00	7,336.02	175.67	25.83	82.74	-862.85	-1,364.42	8,210.62	8,101.40	109.21	75.181		
14,900.00	7,780.00	7,343.00	7,336.02	178.29	25.83	82.74	-862.85	-1,364.42	8,298.36	8,188.82	109.53	75.760		
15,000.00	7,780.00	7,329.20	7,322.26	180.92	25.79	82.55	-862.89	-1,363.33	8,386.26	8,276.47	109.80	76.381		
15,100.00	7,780.00	7,328.50	7,321.56	183.54	25.78	82.54	-862.89	-1,363.28	8,474.54	8,364.44	110.10	76.971		
15,200.00	7,780.00	7,327.81	7,320.88	186.17	25.78	82.53	-862.90	-1,363.23	8,563.07	8,452.67	110.40	77.565		
15,300.00	7,780.00	7,327.14	7,320.21	188.80	25.78	82.52	-862.90	-1,363.18	8,651.84	8,541.15	110.69	78.163		
15,400.00	7,780.00	7,326.48	7,319.55	191.43	25.78	82.51	-862.90	-1,363.14	8,740.86	8,629.89	110.97	78.766		
15,500.00	7,780.00	7,325.84	7,318.91	194.07	25.77	82.50	-862.90	-1,363.09	8,830.12	8,718.87	111.25	79.372		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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: 83-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
15,600.00	7,780.00	7,312.00	7,305.10	196.70	25.73	82.30	-862.96	-1,362.28	8,919.71	8,808.24	111.47	80.020	
15,700.00	7,780.00	7,312.00	7,305.10	199.34	25.73	82.30	-862.96	-1,362.28	9,009.40	8,897.67	111.74	80.631	
15,800.00	7,780.00	7,312.00	7,305.10	201.98	25.73	82.30	-862.96	-1,362.28	9,099.31	8,987.31	112.00	81.246	
15,900.00	7,780.00	7,312.00	7,305.10	204.62	25.73	82.30	-862.96	-1,362.28	9,189.43	9,077.18	112.25	81.864	
16,000.00	7,780.00	7,312.00	7,305.10	207.26	25.73	82.30	-862.96	-1,362.28	9,279.75	9,167.25	112.50	82.485	
16,100.00	7,780.00	7,312.00	7,305.10	209.90	25.73	82.30	-862.96	-1,362.28	9,370.26	9,257.52	112.75	83.110	
16,200.00	7,780.00	7,312.00	7,305.10	212.54	25.73	82.30	-862.96	-1,362.28	9,460.97	9,347.99	112.98	83.737	
16,300.00	7,780.00	7,312.00	7,305.10	215.19	25.73	82.30	-862.96	-1,362.28	9,551.86	9,438.65	113.22	84.367	
16,400.00	7,780.00	7,312.00	7,305.10	217.83	25.73	82.30	-862.96	-1,362.28	9,642.94	9,529.49	113.45	85.000	
16,500.00	7,780.00	7,312.00	7,305.10	220.48	25.73	82.30	-862.96	-1,362.28	9,734.19	9,620.52	113.67	85.635	
16,600.00	7,780.00	7,312.00	7,305.10	223.13	25.73	82.30	-862.96	-1,362.28	9,825.60	9,711.71	113.89	86.273	
16,700.00	7,780.00	7,312.00	7,305.10	225.78	25.73	82.30	-862.96	-1,362.28	9,917.19	9,803.08	114.10	86.914	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-38.68	1,365.67	-1,093.50	1,749.61					
100.00	100.00	75.56	75.56	0.13	0.18	-38.69	1,365.68	-1,093.60	1,749.60	1,749.28	0.32	5,536.268		
200.00	199.98	172.03	172.02	0.50	0.53	-23.18	1,365.79	-1,094.17	1,748.45	1,747.42	1.02	1,711.285		
300.00	299.84	272.44	272.44	0.86	0.89	-23.29	1,366.06	-1,094.61	1,744.12	1,742.37	1.75	998.209		
400.00	399.45	371.66	371.65	1.23	1.24	-23.46	1,366.48	-1,094.87	1,736.61	1,734.14	2.47	703.146		
500.00	498.70	471.17	471.17	1.63	1.59	-23.70	1,366.93	-1,095.08	1,725.91	1,722.71	3.20	539.626		
600.00	597.47	569.92	569.92	2.05	1.95	-24.03	1,367.29	-1,095.44	1,712.08	1,708.14	3.93	435.532		
700.00	695.62	667.49	667.48	2.49	2.29	-24.45	1,367.31	-1,096.15	1,695.10	1,690.43	4.67	363.266		
800.00	793.06	764.82	764.81	2.98	2.64	-24.96	1,367.29	-1,097.06	1,675.14	1,669.73	5.41	309.614		
900.00	889.64	864.30	864.29	3.50	2.99	-25.58	1,367.22	-1,097.86	1,652.05	1,645.87	6.17	267.555		
1,000.00	985.27	961.93	961.91	4.06	3.34	-26.28	1,367.23	-1,098.32	1,625.84	1,618.89	6.95	234.055		
1,100.00	1,079.82	1,059.11	1,059.09	4.66	3.69	-27.09	1,367.20	-1,098.63	1,596.62	1,588.89	7.73	206.528		
1,200.00	1,173.17	1,150.74	1,150.72	5.31	4.01	-28.00	1,367.04	-1,098.98	1,564.52	1,556.00	8.51	183.774		
1,300.00	1,265.21	1,242.34	1,242.31	6.01	4.34	-29.04	1,366.93	-1,099.45	1,529.81	1,520.49	9.32	164.166		
1,400.00	1,356.40	1,327.66	1,327.64	6.74	4.64	-29.81	1,366.91	-1,099.96	1,493.69	1,483.56	10.12	147.573		
1,500.00	1,447.57	1,421.21	1,421.18	7.49	4.98	-30.63	1,367.03	-1,100.78	1,458.07	1,447.10	10.96	133.002		
1,600.00	1,538.75	1,518.64	1,518.62	8.24	5.32	-31.52	1,367.09	-1,101.09	1,422.32	1,410.50	11.82	120.330		
1,700.00	1,629.92	1,616.75	1,616.72	8.99	5.64	-32.44	1,367.13	-1,100.83	1,386.47	1,373.79	12.68	109.351		
1,800.00	1,721.09	1,708.92	1,708.89	9.75	5.95	-33.34	1,367.22	-1,100.08	1,350.59	1,337.05	13.54	99.777		
1,900.00	1,812.27	1,797.42	1,797.39	10.51	6.25	-34.25	1,367.27	-1,099.47	1,315.08	1,300.67	14.40	91.309		
2,000.00	1,903.44	1,887.82	1,887.79	11.28	6.55	-35.23	1,367.36	-1,099.10	1,280.13	1,264.84	15.29	83.701		
2,100.00	1,994.61	1,979.76	1,979.73	12.04	6.86	-36.29	1,367.33	-1,098.74	1,245.48	1,229.27	16.21	76.841		
2,200.00	2,085.78	2,070.67	2,070.63	12.81	7.17	-37.39	1,367.24	-1,098.41	1,211.23	1,194.09	17.14	70.662		
2,300.00	2,176.96	2,160.10	2,160.06	13.58	7.48	-38.54	1,367.13	-1,098.18	1,177.49	1,159.40	18.09	65.076		
2,400.00	2,268.13	2,248.96	2,248.92	14.35	7.78	-39.75	1,367.10	-1,098.10	1,144.41	1,125.34	19.07	60.007		
2,500.00	2,359.30	2,340.20	2,340.17	15.12	8.10	-41.05	1,367.14	-1,098.09	1,111.97	1,091.89	20.08	55.384		
2,600.00	2,450.48	2,432.05	2,432.02	15.89	8.42	-42.43	1,367.13	-1,098.07	1,080.08	1,058.97	21.11	51.169		
2,700.00	2,541.65	2,521.43	2,521.40	16.67	8.73	-43.86	1,367.12	-1,098.08	1,048.85	1,026.69	22.16	47.323		
2,800.00	2,632.82	2,613.02	2,612.99	17.44	9.05	-45.40	1,367.16	-1,098.18	1,018.43	995.18	23.25	43.795		
2,900.00	2,724.00	2,704.97	2,704.94	18.21	9.37	-47.03	1,367.19	-1,098.19	988.69	964.32	24.37	40.565		
3,000.00	2,815.17	2,796.46	2,796.43	18.99	9.69	-48.74	1,367.16	-1,098.18	959.74	934.22	25.52	37.610		
3,100.00	2,906.34	2,887.28	2,887.24	19.76	10.00	-50.54	1,367.14	-1,098.17	931.70	905.01	26.69	34.903		
3,200.00	2,997.52	2,978.77	2,978.73	20.54	10.32	-52.45	1,367.07	-1,098.20	904.68	876.78	27.90	32.422		
3,300.00	3,088.69	3,069.85	3,069.81	21.31	10.64	-54.44	1,367.08	-1,098.14	878.72	849.57	29.14	30.152		
3,400.00	3,179.86	3,159.18	3,159.15	22.09	10.95	-56.50	1,367.20	-1,098.15	854.02	823.61	30.41	28.082		
3,500.00	3,271.04	3,250.61	3,250.58	22.86	11.27	-58.71	1,367.41	-1,098.32	830.81	799.10	31.71	26.198		
3,600.00	3,362.21	3,343.55	3,343.51	23.64	11.59	-61.08	1,367.41	-1,098.35	808.80	775.76	33.04	24.478		
3,700.00	3,453.38	3,434.52	3,434.48	24.42	11.91	-63.50	1,367.41	-1,098.28	788.21	753.82	34.39	22.920		
3,800.00	3,544.56	3,525.02	3,524.98	25.19	12.23	-66.02	1,367.47	-1,098.30	769.38	733.63	35.75	21.519		
3,900.00	3,635.73	3,616.85	3,616.81	25.97	12.55	-68.68	1,367.45	-1,098.34	752.32	715.19	37.13	20.261		
4,000.00	3,726.90	3,708.92	3,708.89	26.75	12.87	-71.46	1,367.28	-1,098.26	737.03	698.52	38.51	19.140		
4,100.00	3,818.08	3,799.69	3,799.65	27.53	13.18	-74.30	1,366.98	-1,098.14	723.72	683.84	39.87	18.150		
4,200.00	3,909.25	3,889.67	3,889.63	28.30	13.50	-77.21	1,366.59	-1,098.15	712.70	671.48	41.22	17.290		
4,300.00	4,000.42	3,980.76	3,980.72	29.08	13.81	-80.20	1,366.44	-1,098.23	704.00	661.47	42.54	16.551		
4,400.00	4,091.60	4,072.38	4,072.34	29.86	14.14	-83.25	1,366.39	-1,098.26	697.58	653.77	43.81	15.923		
4,500.00	4,182.77	4,163.45	4,163.42	30.64	14.45	-86.33	1,366.33	-1,098.28	693.52	648.50	45.03	15.402		
4,600.00	4,273.94	4,254.69	4,254.65	31.41	14.77	-89.43	1,366.32	-1,098.29	691.88	645.70	46.18	14.982		
4,616.37	4,288.87	4,269.46	4,269.42	31.54	14.82	-89.93	1,366.32	-1,098.30	691.84	645.48	46.36	14.923 CC		
4,700.00	4,365.12	4,345.20	4,345.16	32.19	15.09	-92.50	1,366.34	-1,098.39	692.74	645.48	47.26	14.658 ES		
4,800.00	4,456.29	4,437.43	4,437.39	32.97	15.41	-95.63	1,366.30	-1,098.41	695.97	647.70	48.27	14.418		
4,900.00	4,547.46	4,528.81	4,528.77	33.75	15.73	-98.69	1,366.23	-1,098.33	701.53	652.33	49.20	14.259		
5,000.00	4,638.63	4,619.39	4,619.35	34.52	16.04	-101.68	1,366.19	-1,098.30	709.46	659.42	50.04	14.177		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,729.81	4,710.76	4,710.72	35.30	16.36	-104.63	1,366.16	-1,098.30	719.68	668.86	50.82	14.162		
5,200.00	4,820.98	4,804.81	4,804.77	36.08	16.69	-107.57	1,366.38	-1,098.22	731.86	680.33	51.54	14.201		
5,300.00	4,912.15	4,895.52	4,895.48	36.86	17.00	-110.32	1,366.74	-1,098.08	745.95	693.77	52.18	14.296		
5,400.00	5,003.33	5,006.23	5,006.16	37.64	17.39	-113.47	1,368.86	-1,097.60	760.88	708.00	52.88	14.389		
5,500.00	5,094.50	5,111.63	5,111.44	38.42	17.76	-116.24	1,373.59	-1,096.30	775.35	721.83	53.52	14.487		
5,600.00	5,185.67	5,209.52	5,209.19	39.19	18.10	-118.70	1,378.85	-1,094.78	790.55	736.45	54.10	14.614		
5,700.00	5,276.85	5,333.27	5,332.51	39.97	18.53	-121.53	1,388.75	-1,092.77	805.40	750.66	54.75	14.711		
5,800.00	5,368.02	5,483.93	5,481.49	40.75	19.06	-124.49	1,410.52	-1,088.39	815.82	760.45	55.38	14.732		
5,900.00	5,459.19	5,616.59	5,611.37	41.53	19.54	-126.98	1,436.09	-1,079.94	821.27	765.40	55.87	14.700		
6,000.00	5,550.37	5,721.17	5,713.31	42.31	19.93	-129.01	1,457.46	-1,070.51	825.22	768.85	56.37	14.640		
6,100.00	5,641.54	5,808.51	5,798.48	43.09	20.25	-130.75	1,474.78	-1,061.89	830.15	773.27	56.89	14.593		
6,200.00	5,732.71	5,900.20	5,888.15	43.87	20.59	-132.63	1,491.47	-1,052.53	837.20	779.86	57.34	14.602		
6,300.00	5,823.89	6,007.74	5,993.20	44.64	21.01	-134.83	1,511.27	-1,040.79	844.79	787.09	57.70	14.642		
6,400.00	5,915.06	6,120.90	6,103.23	45.42	21.45	-137.10	1,533.95	-1,027.27	851.52	793.51	58.00	14.681		
6,500.00	6,006.23	6,252.21	6,229.84	46.20	21.98	-139.67	1,564.14	-1,009.97	856.08	797.91	58.17	14.717		
6,600.00	6,097.41	6,368.39	6,340.84	46.98	22.46	-141.88	1,594.30	-993.67	858.64	800.24	58.40	14.703		
6,700.00	6,188.58	6,494.39	6,460.15	47.76	23.01	-144.25	1,630.12	-974.82	859.52	801.02	58.50	14.692		
6,800.00	6,279.75	6,615.85	6,573.68	48.54	23.57	-146.46	1,668.95	-956.04	857.66	799.03	58.63	14.629		
6,900.00	6,370.93	6,707.43	6,659.07	49.32	23.99	-147.84	1,700.45	-945.95	855.90	796.76	59.14	14.473		
7,000.00	6,462.10	6,809.52	6,754.24	50.10	24.48	-149.22	1,736.33	-937.19	854.76	795.17	59.59	14.343		
7,100.00	6,553.27	6,912.95	6,850.33	50.88	24.99	-150.66	1,773.29	-927.33	853.21	793.19	60.02	14.216		
7,200.00	6,644.45	7,006.99	6,937.80	51.65	25.46	-152.00	1,806.58	-918.04	852.42	791.91	60.51	14.086		
7,300.00	6,735.62	7,105.88	7,029.77	52.43	25.96	-153.36	1,841.80	-909.06	852.14	791.16	60.98	13.974		
7,307.79	6,742.72	7,113.42	7,036.78	52.49	26.00	-153.46	1,844.49	-908.40	852.14	791.12	61.02	13.965		
7,400.00	6,826.79	7,203.77	7,120.82	53.21	26.46	-154.67	1,876.76	-900.74	852.37	790.90	61.47	13.866		
7,500.00	6,917.96	7,322.18	7,230.65	53.99	27.09	-156.15	1,920.14	-892.06	852.45	790.63	61.82	13.790		
7,600.00	7,009.14	7,416.23	7,316.99	54.77	27.58	-156.97	1,957.20	-890.08	850.78	788.30	62.48	13.617		
7,631.92	7,038.24	7,442.31	7,340.87	55.02	27.72	-157.03	1,967.51	-892.00	850.67	787.90	62.77	13.553		
7,700.00	7,100.31	7,483.84	7,378.73	55.55	27.91	-156.95	1,983.50	-897.86	851.68	788.20	63.48	13.416		
7,800.00	7,191.48	7,542.00	7,431.00	56.33	28.18	-156.40	2,004.13	-912.67	857.27	792.69	64.57	13.276		
7,900.00	7,283.04	7,607.01	7,487.40	57.06	28.42	-177.26	2,025.09	-937.20	868.70	802.83	65.87	13.189		
8,000.00	7,373.73	7,671.39	7,540.15	57.68	28.64	162.86	2,044.36	-968.58	888.05	820.56	67.50	13.157 SF		
8,100.00	7,460.79	7,724.18	7,580.16	58.18	28.82	148.18	2,060.17	-999.13	916.13	846.90	69.23	13.233		
8,200.00	7,541.58	7,751.78	7,599.71	58.56	28.89	136.32	2,068.43	-1,016.78	954.57	884.01	70.56	13.529		
8,300.00	7,613.66	7,762.58	7,607.06	58.83	28.92	125.46	2,071.65	-1,024.01	1,002.99	931.53	71.46	14.035		
8,400.00	7,674.81	7,761.89	7,606.59	59.00	28.92	114.66	2,071.44	-1,023.54	1,059.29	987.20	72.09	14.694		
8,500.00	7,723.20	7,753.12	7,600.63	59.08	28.90	103.85	2,068.83	-1,017.66	1,120.72	1,048.10	72.61	15.434		
8,600.00	7,757.34	7,730.00	7,584.38	59.09	28.84	93.07	2,061.92	-1,002.75	1,184.50	1,111.62	72.88	16.253		
8,700.00	7,776.21	7,730.00	7,584.38	59.03	28.84	84.86	2,061.92	-1,002.75	1,247.93	1,173.86	74.06	16.850		
8,800.00	7,780.00	7,694.78	7,558.28	58.92	28.72	78.71	2,051.36	-981.60	1,308.93	1,234.53	74.39	17.595		
8,900.00	7,780.00	7,672.27	7,540.85	58.81	28.64	77.84	2,044.63	-969.05	1,371.98	1,296.91	75.07	18.277		
9,000.00	7,780.00	7,636.00	7,511.61	58.73	28.53	76.42	2,033.85	-950.49	1,438.68	1,363.35	75.33	19.100		
9,100.00	7,780.00	7,636.00	7,511.61	58.67	28.53	76.42	2,033.85	-950.49	1,507.95	1,431.56	76.39	19.741		
9,200.00	7,780.00	7,636.00	7,511.61	58.64	28.53	76.42	2,033.85	-950.49	1,580.52	1,503.20	77.32	20.442		
9,300.00	7,780.00	7,636.00	7,511.61	58.63	28.53	76.42	2,033.85	-950.49	1,655.94	1,577.82	78.12	21.197		
9,400.00	7,780.00	7,598.56	7,480.22	58.67	28.39	74.95	2,022.46	-933.59	1,732.25	1,654.10	78.15	22.166		
9,500.00	7,780.00	7,588.46	7,471.57	58.76	28.35	74.55	2,019.28	-929.45	1,811.36	1,732.73	78.63	23.036		
9,600.00	7,780.00	7,579.18	7,463.57	58.91	28.31	74.19	2,016.33	-925.79	1,892.24	1,813.17	79.07	23.932		
9,700.00	7,780.00	7,542.00	7,431.00	59.15	28.18	72.75	2,004.13	-912.67	1,975.63	1,896.61	79.02	25.002		
9,800.00	7,780.00	7,542.00	7,431.00	59.53	28.18	72.75	2,004.13	-912.67	2,059.04	1,979.53	79.51	25.896		
9,900.00	7,780.00	7,542.00	7,431.00	60.09	28.18	72.75	2,004.13	-912.67	2,143.88	2,063.94	79.95	26.816		
10,000.00	7,780.00	7,542.00	7,431.00	60.91	28.18	72.75	2,004.13	-912.67	2,229.98	2,149.65	80.33	27.760		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,542.00	7,431.00	62.01	28.18	72.75	2,004.13	-912.67	2,317.19	2,236.52	80.67	28.724		
10,200.00	7,780.00	7,542.00	7,431.00	63.39	28.18	72.75	2,004.13	-912.67	2,405.40	2,324.42	80.97	29.706		
10,300.00	7,780.00	7,542.00	7,431.00	65.02	28.18	72.75	2,004.13	-912.67	2,494.50	2,413.25	81.24	30.704		
10,400.00	7,780.00	7,542.00	7,431.00	66.83	28.18	72.75	2,004.13	-912.67	2,584.39	2,502.91	81.48	31.717		
10,500.00	7,780.00	7,542.00	7,431.00	68.78	28.18	72.75	2,004.13	-912.67	2,675.00	2,593.31	81.70	32.742		
10,600.00	7,780.00	7,542.00	7,431.00	70.83	28.18	72.75	2,004.13	-912.67	2,766.26	2,684.37	81.89	33.779		
10,700.00	7,780.00	7,542.00	7,431.00	72.95	28.18	72.75	2,004.13	-912.67	2,858.11	2,776.04	82.07	34.827		
10,800.00	7,780.00	7,542.00	7,431.00	75.14	28.18	72.75	2,004.13	-912.67	2,950.48	2,868.26	82.22	35.883		
10,900.00	7,780.00	7,542.00	7,431.00	77.37	28.18	72.75	2,004.13	-912.67	3,043.34	2,960.97	82.37	36.948		
11,000.00	7,780.00	7,542.00	7,431.00	79.65	28.18	72.75	2,004.13	-912.67	3,136.64	3,054.14	82.50	38.021		
11,100.00	7,780.00	7,542.00	7,431.00	81.96	28.18	72.75	2,004.13	-912.67	3,230.33	3,147.72	82.62	39.100		
11,200.00	7,780.00	7,542.00	7,431.00	84.29	28.18	72.75	2,004.13	-912.67	3,324.40	3,241.67	82.73	40.186		
11,300.00	7,780.00	7,500.09	7,393.46	86.65	27.98	71.16	1,989.49	-901.23	3,416.46	3,333.94	82.52	41.401		
11,400.00	7,780.00	7,497.69	7,391.28	89.04	27.97	71.07	1,988.61	-900.69	3,510.90	3,428.30	82.61	42.502		
11,500.00	7,780.00	7,495.40	7,389.21	91.44	27.96	70.98	1,987.77	-900.19	3,605.63	3,522.94	82.69	43.606		
11,600.00	7,780.00	7,493.21	7,387.23	93.86	27.95	70.90	1,986.97	-899.73	3,700.62	3,617.86	82.76	44.715		
11,700.00	7,780.00	7,491.13	7,385.34	96.30	27.94	70.83	1,986.21	-899.29	3,795.86	3,713.03	82.83	45.828		
11,800.00	7,780.00	7,489.14	7,383.54	98.75	27.93	70.75	1,985.47	-898.89	3,891.32	3,808.43	82.89	46.943		
11,900.00	7,780.00	7,447.00	7,345.16	101.22	27.74	69.24	1,969.36	-892.47	3,989.13	3,906.42	82.71	48.233		
12,000.00	7,780.00	7,447.00	7,345.16	103.69	27.74	69.24	1,969.36	-892.47	4,084.81	4,002.03	82.78	49.345		
12,100.00	7,780.00	7,447.00	7,345.16	106.18	27.74	69.24	1,969.36	-892.47	4,180.70	4,097.85	82.85	50.459		
12,200.00	7,780.00	7,447.00	7,345.16	108.68	27.74	69.24	1,969.36	-892.47	4,276.78	4,193.86	82.92	51.577		
12,300.00	7,780.00	7,447.00	7,345.16	111.19	27.74	69.24	1,969.36	-892.47	4,373.03	4,290.04	82.98	52.697		
12,400.00	7,780.00	7,447.00	7,345.16	113.70	27.74	69.24	1,969.36	-892.47	4,469.44	4,386.40	83.04	53.820		
12,500.00	7,780.00	7,447.00	7,345.16	116.23	27.74	69.24	1,969.36	-892.47	4,566.01	4,482.91	83.10	54.944		
12,600.00	7,780.00	7,447.00	7,345.16	118.76	27.74	69.24	1,969.36	-892.47	4,662.72	4,579.57	83.16	56.071		
12,700.00	7,780.00	7,447.00	7,345.16	121.30	27.74	69.24	1,969.36	-892.47	4,759.57	4,676.36	83.21	57.199		
12,800.00	7,780.00	7,447.00	7,345.16	123.84	27.74	69.24	1,969.36	-892.47	4,856.55	4,773.29	83.26	58.329		
12,900.00	7,780.00	7,447.00	7,345.16	126.39	27.74	69.24	1,969.36	-892.47	4,953.65	4,870.34	83.31	59.460		
13,000.00	7,780.00	7,447.00	7,345.16	128.95	27.74	69.24	1,969.36	-892.47	5,050.86	4,967.50	83.36	60.592		
13,100.00	7,780.00	7,447.00	7,345.16	131.51	27.74	69.24	1,969.36	-892.47	5,148.18	5,064.77	83.40	61.725		
13,200.00	7,780.00	7,447.00	7,345.16	134.08	27.74	69.24	1,969.36	-892.47	5,245.60	5,162.15	83.45	62.860		
13,300.00	7,780.00	7,447.00	7,345.16	136.65	27.74	69.24	1,969.36	-892.47	5,343.11	5,259.62	83.49	63.995		
13,400.00	7,780.00	7,447.00	7,345.16	139.23	27.74	69.24	1,969.36	-892.47	5,440.72	5,357.18	83.54	65.131		
13,500.00	7,780.00	7,447.00	7,345.16	141.81	27.74	69.24	1,969.36	-892.47	5,538.41	5,454.83	83.58	66.268		
13,600.00	7,780.00	7,447.00	7,345.16	144.40	27.74	69.24	1,969.36	-892.47	5,636.18	5,552.56	83.62	67.405		
13,700.00	7,780.00	7,447.00	7,345.16	146.99	27.74	69.24	1,969.36	-892.47	5,734.03	5,650.37	83.66	68.542		
13,800.00	7,780.00	7,447.00	7,345.16	149.58	27.74	69.24	1,969.36	-892.47	5,831.95	5,748.25	83.70	69.680		
13,900.00	7,780.00	7,447.00	7,345.16	152.17	27.74	69.24	1,969.36	-892.47	5,929.94	5,846.20	83.73	70.818		
14,000.00	7,780.00	7,447.00	7,345.16	154.77	27.74	69.24	1,969.36	-892.47	6,027.99	5,944.22	83.77	71.957		
14,100.00	7,780.00	7,447.00	7,345.16	157.38	27.74	69.24	1,969.36	-892.47	6,126.11	6,042.30	83.81	73.095		
14,200.00	7,780.00	7,447.00	7,345.16	159.98	27.74	69.24	1,969.36	-892.47	6,224.29	6,140.44	83.85	74.233		
14,300.00	7,780.00	7,447.00	7,345.16	162.59	27.74	69.24	1,969.36	-892.47	6,322.53	6,238.64	83.88	75.372		
14,400.00	7,780.00	7,447.00	7,345.16	165.20	27.74	69.24	1,969.36	-892.47	6,420.82	6,336.90	83.92	76.510		
14,500.00	7,780.00	7,447.00	7,345.16	167.81	27.74	69.24	1,969.36	-892.47	6,519.16	6,435.20	83.96	77.648		
14,600.00	7,780.00	7,447.00	7,345.16	170.43	27.74	69.24	1,969.36	-892.47	6,617.55	6,533.56	83.99	78.786		
14,700.00	7,780.00	7,447.00	7,345.16	173.05	27.74	69.24	1,969.36	-892.47	6,715.99	6,631.96	84.03	79.924		
14,800.00	7,780.00	7,447.00	7,345.16	175.67	27.74	69.24	1,969.36	-892.47	6,814.48	6,730.41	84.07	81.061		
14,900.00	7,780.00	7,447.00	7,345.16	178.29	27.74	69.24	1,969.36	-892.47	6,913.00	6,828.90	84.10	82.198		
15,000.00	7,780.00	7,447.00	7,345.16	180.92	27.74	69.24	1,969.36	-892.47	7,011.57	6,927.44	84.14	83.334		
15,100.00	7,780.00	7,447.00	7,345.16	183.54	27.74	69.24	1,969.36	-892.47	7,110.19	7,026.01	84.17	84.470		
15,200.00	7,780.00	7,447.00	7,345.16	186.17	27.74	69.24	1,969.36	-892.47	7,208.83	7,124.62	84.21	85.605		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,447.00	7,345.16	188.80	27.74	69.24	1,969.36	-892.47	7,307.52	7,223.27	84.25	86.740		
15,400.00	7,780.00	7,447.00	7,345.16	191.43	27.74	69.24	1,969.36	-892.47	7,406.24	7,321.96	84.28	87.874		
15,500.00	7,780.00	7,447.00	7,345.16	194.07	27.74	69.24	1,969.36	-892.47	7,504.99	7,420.68	84.32	89.008		
15,600.00	7,780.00	7,447.00	7,345.16	196.70	27.74	69.24	1,969.36	-892.47	7,603.78	7,519.43	84.35	90.140		
15,700.00	7,780.00	7,447.00	7,345.16	199.34	27.74	69.24	1,969.36	-892.47	7,702.60	7,618.21	84.39	91.272		
15,800.00	7,780.00	7,447.00	7,345.16	201.98	27.74	69.24	1,969.36	-892.47	7,801.45	7,717.02	84.43	92.404		
15,900.00	7,780.00	7,447.00	7,345.16	204.62	27.74	69.24	1,969.36	-892.47	7,900.32	7,815.86	84.46	93.534		
16,000.00	7,780.00	7,447.00	7,345.16	207.26	27.74	69.24	1,969.36	-892.47	7,999.23	7,914.73	84.50	94.663		
16,100.00	7,780.00	7,447.00	7,345.16	209.90	27.74	69.24	1,969.36	-892.47	8,098.16	8,013.62	84.54	95.792		
16,200.00	7,780.00	7,447.00	7,345.16	212.54	27.74	69.24	1,969.36	-892.47	8,197.12	8,112.54	84.58	96.919		
16,300.00	7,780.00	7,447.00	7,345.16	215.19	27.74	69.24	1,969.36	-892.47	8,296.10	8,211.49	84.61	98.046		
16,400.00	7,780.00	7,447.00	7,345.16	217.83	27.74	69.24	1,969.36	-892.47	8,395.11	8,310.46	84.65	99.172		
16,500.00	7,780.00	7,447.00	7,345.16	220.48	27.74	69.24	1,969.36	-892.47	8,494.14	8,409.45	84.69	100.296		
16,600.00	7,780.00	7,447.00	7,345.16	223.13	27.74	69.24	1,969.36	-892.47	8,593.19	8,508.46	84.73	101.420		
16,700.00	7,780.00	7,447.00	7,345.16	225.78	27.74	69.24	1,969.36	-892.47	8,692.27	8,607.50	84.77	102.542		
16,800.00	7,780.00	7,447.00	7,345.16	228.43	27.74	69.24	1,969.36	-892.47	8,791.36	8,706.56	84.81	103.664		
16,900.00	7,780.00	7,447.00	7,345.16	231.08	27.74	69.24	1,969.36	-892.47	8,890.48	8,805.63	84.85	104.784		
17,000.00	7,780.00	7,447.00	7,345.16	233.73	27.74	69.24	1,969.36	-892.47	8,989.61	8,904.73	84.89	105.903		
17,100.00	7,780.00	7,447.00	7,345.16	236.38	27.74	69.24	1,969.36	-892.47	9,088.77	9,003.84	84.93	107.021		
17,200.00	7,780.00	7,447.00	7,345.16	239.04	27.74	69.24	1,969.36	-892.47	9,187.94	9,102.98	84.97	108.137		
17,300.00	7,780.00	7,447.00	7,345.16	241.69	27.74	69.24	1,969.36	-892.47	9,287.13	9,202.13	85.01	109.253		
17,400.00	7,780.00	7,447.00	7,345.16	244.35	27.74	69.24	1,969.36	-892.47	9,386.34	9,301.29	85.05	110.367		
17,500.00	7,780.00	7,447.00	7,345.16	247.00	27.74	69.24	1,969.36	-892.47	9,485.56	9,400.48	85.09	111.479		
17,600.00	7,780.00	7,447.00	7,345.16	249.66	27.74	69.24	1,969.36	-892.47	9,584.80	9,499.67	85.13	112.591		
17,700.00	7,780.00	7,447.00	7,345.16	252.32	27.74	69.24	1,969.36	-892.47	9,684.06	9,598.89	85.17	113.701		
17,800.00	7,780.00	7,447.00	7,345.16	254.98	27.74	69.24	1,969.36	-892.47	9,783.33	9,698.12	85.21	114.810		
17,900.00	7,780.00	7,447.00	7,345.16	257.64	27.74	69.24	1,969.36	-892.47	9,882.62	9,797.36	85.26	115.917		
18,000.00	7,780.00	7,447.00	7,345.16	260.30	27.74	69.24	1,969.36	-892.47	9,981.92	9,896.62	85.30	117.023		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-37.66	1,365.30	-1,053.84	1,724.82					
100.00	100.00	79.66	79.66	0.13	0.20	-37.66	1,365.32	-1,053.83	1,724.72	1,724.39	0.33	5,232.206		
200.00	199.98	173.21	173.21	0.50	0.53	-22.14	1,365.54	-1,053.99	1,723.39	1,722.37	1.02	1,689.033		
300.00	299.84	274.09	274.09	0.86	0.88	-22.25	1,365.85	-1,054.26	1,718.95	1,717.20	1.75	984.892		
400.00	399.45	373.09	373.08	1.23	1.24	-22.41	1,366.14	-1,054.53	1,711.28	1,708.81	2.47	693.393		
500.00	498.70	472.22	472.22	1.63	1.59	-22.66	1,366.43	-1,054.89	1,700.47	1,697.27	3.20	532.116		
600.00	597.47	572.39	572.38	2.05	1.95	-22.98	1,366.64	-1,055.22	1,686.39	1,682.45	3.93	428.809		
700.00	695.62	671.22	671.21	2.49	2.30	-23.39	1,366.74	-1,055.67	1,669.15	1,664.48	4.67	357.366		
800.00	793.06	769.52	769.51	2.98	2.65	-23.88	1,366.70	-1,056.14	1,648.73	1,643.31	5.41	304.493		
900.00	889.64	866.42	866.41	3.50	2.99	-24.46	1,366.63	-1,056.65	1,625.24	1,619.08	6.16	263.641		
1,000.00	985.27	959.40	959.39	4.06	3.32	-25.13	1,366.53	-1,057.21	1,598.80	1,591.88	6.91	231.209		
1,100.00	1,079.82	1,055.05	1,055.04	4.66	3.66	-25.92	1,366.58	-1,057.82	1,569.56	1,561.86	7.69	204.072		
1,200.00	1,173.17	1,150.27	1,150.25	5.31	4.00	-26.83	1,366.43	-1,058.42	1,537.31	1,528.83	8.48	181.238		
1,300.00	1,265.21	1,243.69	1,243.68	6.01	4.33	-27.88	1,366.10	-1,059.10	1,502.23	1,492.94	9.29	161.769		
1,400.00	1,356.40	1,336.30	1,336.28	6.74	4.66	-28.71	1,365.71	-1,059.70	1,465.49	1,455.39	10.10	145.066		
1,500.00	1,447.57	1,426.20	1,426.18	7.49	4.97	-29.50	1,365.24	-1,060.33	1,428.95	1,418.03	10.92	130.856		
1,600.00	1,538.75	1,517.12	1,517.09	8.24	5.30	-30.35	1,364.82	-1,061.02	1,392.75	1,381.00	11.76	118.448		
1,700.00	1,629.92	1,609.00	1,608.97	8.99	5.62	-31.24	1,364.52	-1,061.55	1,356.81	1,344.20	12.62	107.550		
1,800.00	1,721.09	1,702.43	1,702.40	9.75	5.95	-32.18	1,364.21	-1,061.95	1,321.09	1,307.60	13.49	97.923		
1,900.00	1,812.27	1,791.75	1,791.72	10.51	6.27	-33.13	1,363.95	-1,062.18	1,285.60	1,271.23	14.37	89.453		
2,000.00	1,903.44	1,880.93	1,880.90	11.28	6.59	-34.13	1,363.70	-1,062.69	1,250.69	1,235.42	15.27	81.889		
2,100.00	1,994.61	1,971.59	1,971.55	12.04	6.91	-35.21	1,363.39	-1,063.34	1,216.24	1,200.04	16.20	75.083		
2,200.00	2,085.78	2,061.72	2,061.68	12.81	7.23	-36.35	1,363.07	-1,064.05	1,182.26	1,165.11	17.14	68.962		
2,300.00	2,176.96	2,152.48	2,152.44	13.58	7.56	-37.55	1,362.82	-1,064.82	1,148.84	1,130.72	18.11	63.430		
2,400.00	2,268.13	2,249.44	2,249.40	14.35	7.89	-38.90	1,362.59	-1,065.32	1,115.72	1,096.62	19.10	58.404		
2,500.00	2,359.30	2,340.46	2,340.41	15.12	8.20	-40.21	1,362.57	-1,065.28	1,082.86	1,062.76	20.10	53.874		
2,600.00	2,450.48	2,430.40	2,430.36	15.89	8.52	-41.59	1,362.55	-1,065.34	1,050.66	1,029.52	21.13	49.721		
2,700.00	2,541.65	2,522.78	2,522.73	16.67	8.84	-43.08	1,362.57	-1,065.39	1,019.11	996.92	22.19	45.933		
2,800.00	2,632.82	2,613.85	2,613.81	17.44	9.14	-44.64	1,362.56	-1,065.36	988.18	964.92	23.26	42.486		
2,900.00	2,724.00	2,705.42	2,705.38	18.21	9.45	-46.29	1,362.56	-1,065.34	958.02	933.66	24.36	39.324		
3,000.00	2,815.17	2,796.65	2,796.60	18.99	9.76	-48.03	1,362.56	-1,065.28	928.67	903.17	25.50	36.422		
3,100.00	2,906.34	2,887.24	2,887.20	19.76	10.07	-49.87	1,362.59	-1,065.23	900.26	873.59	26.67	33.753		
3,200.00	2,997.52	2,978.45	2,978.40	20.54	10.38	-51.82	1,362.59	-1,065.25	872.91	845.02	27.88	31.304		
3,300.00	3,088.69	3,069.62	3,069.58	21.31	10.70	-53.88	1,362.60	-1,065.23	846.64	817.51	29.13	29.064		
3,400.00	3,179.86	3,160.53	3,160.49	22.09	11.02	-56.05	1,362.56	-1,065.26	821.61	791.20	30.41	27.018		
3,500.00	3,271.04	3,252.14	3,252.10	22.86	11.33	-58.35	1,362.64	-1,065.26	797.92	766.20	31.72	25.157		
3,600.00	3,362.21	3,343.62	3,343.58	23.64	11.64	-60.77	1,362.68	-1,065.19	775.60	742.55	33.05	23.468		
3,700.00	3,453.38	3,434.26	3,434.22	24.42	11.96	-63.28	1,362.67	-1,065.16	754.88	720.48	34.41	21.939		
3,800.00	3,544.56	3,524.76	3,524.71	25.19	12.27	-65.91	1,362.68	-1,065.21	735.97	700.18	35.79	20.564		
3,900.00	3,635.73	3,615.75	3,615.70	25.97	12.60	-68.67	1,362.65	-1,065.33	718.96	681.78	37.18	19.335		
4,000.00	3,726.90	3,707.54	3,707.50	26.75	12.92	-71.56	1,362.64	-1,065.42	703.92	665.34	38.58	18.246		
4,100.00	3,818.08	3,799.27	3,799.23	27.53	13.24	-74.55	1,362.61	-1,065.40	690.87	650.92	39.96	17.291		
4,200.00	3,909.25	3,890.23	3,890.19	28.30	13.55	-77.60	1,362.59	-1,065.39	680.08	638.78	41.30	16.466		
4,300.00	4,000.42	3,981.22	3,981.18	29.08	13.86	-80.73	1,362.52	-1,065.38	671.63	629.02	42.62	15.759		
4,400.00	4,091.60	4,071.83	4,071.79	29.86	14.18	-83.90	1,362.51	-1,065.45	665.70	621.81	43.89	15.168		
4,500.00	4,182.77	4,163.14	4,163.09	30.64	14.50	-87.13	1,362.56	-1,065.54	662.28	617.18	45.10	14.685		
4,584.36	4,259.68	4,239.94	4,239.89	31.29	14.78	-89.86	1,362.54	-1,065.61	661.37	615.30	46.06	14.358 CC		
4,600.00	4,273.94	4,254.23	4,254.18	31.41	14.83	-90.37	1,362.53	-1,065.62	661.40	615.16	46.24	14.305 ES		
4,700.00	4,365.12	4,345.55	4,345.50	32.19	15.15	-93.62	1,362.44	-1,065.67	663.05	615.76	47.30	14.019		
4,800.00	4,456.29	4,436.71	4,436.66	32.97	15.47	-96.84	1,362.33	-1,065.71	667.25	618.98	48.27	13.823		
4,900.00	4,547.46	4,528.70	4,528.65	33.75	15.79	-100.05	1,362.26	-1,065.70	673.87	624.71	49.16	13.708		
5,000.00	4,638.63	4,618.20	4,618.15	34.52	16.10	-103.10	1,362.24	-1,065.79	682.98	633.02	49.95	13.672 SF		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,729.81	4,711.44	4,711.40	35.30	16.42	-106.20	1,362.27	-1,065.86	694.36	643.67	50.69	13.698		
5,200.00	4,820.98	4,802.70	4,802.65	36.08	16.74	-109.14	1,362.36	-1,065.81	707.80	656.46	51.34	13.787		
5,300.00	4,912.15	4,893.42	4,893.37	36.86	17.05	-111.97	1,362.43	-1,065.77	723.34	671.42	51.92	13.931		
5,400.00	5,003.33	4,985.18	4,985.13	37.64	17.36	-114.72	1,362.47	-1,065.71	740.83	688.37	52.46	14.122		
5,500.00	5,094.50	5,075.23	5,075.18	38.42	17.68	-117.31	1,362.47	-1,065.63	760.16	707.22	52.94	14.358		
5,600.00	5,185.67	5,167.65	5,167.60	39.19	18.00	-119.84	1,362.50	-1,065.63	781.20	727.79	53.41	14.627		
5,700.00	5,276.85	5,277.66	5,277.60	39.97	18.38	-122.65	1,363.97	-1,065.39	802.78	748.81	53.97	14.874		
5,800.00	5,368.02	5,427.28	5,426.91	40.75	18.90	-126.12	1,372.53	-1,061.86	821.32	766.65	54.67	15.024		
5,900.00	5,459.19	5,572.74	5,571.14	41.53	19.40	-129.49	1,387.05	-1,050.33	834.66	779.56	55.10	15.147		
6,000.00	5,550.37	5,686.85	5,683.23	42.31	19.80	-132.51	1,398.21	-1,032.26	845.38	790.04	55.33	15.278		
6,100.00	5,641.54	5,788.73	5,782.52	43.09	20.16	-135.43	1,407.18	-1,011.31	856.37	800.88	55.48	15.434		
6,200.00	5,732.71	5,884.60	5,875.54	43.87	20.50	-138.19	1,415.96	-989.82	868.29	812.67	55.61	15.613		
6,300.00	5,823.89	5,971.30	5,959.64	44.64	20.82	-140.63	1,423.88	-970.31	882.28	826.52	55.76	15.824		
6,400.00	5,915.06	6,065.26	6,050.95	45.42	21.18	-143.17	1,432.53	-949.92	898.49	842.61	55.88	16.079		
6,500.00	6,006.23	6,175.54	6,157.69	46.20	21.60	-146.07	1,444.24	-924.82	914.95	858.98	55.97	16.348		
6,600.00	6,097.41	6,273.82	6,252.48	46.98	21.99	-148.57	1,456.13	-901.71	931.66	875.56	56.10	16.607		
6,700.00	6,188.58	6,373.62	6,348.59	47.76	22.40	-151.05	1,468.71	-877.92	949.56	893.30	56.25	16.880		
6,800.00	6,279.75	6,495.27	6,465.02	48.54	22.91	-154.00	1,486.25	-847.40	967.21	910.82	56.39	17.151		
6,900.00	6,370.93	6,618.91	6,582.19	49.32	23.45	-156.95	1,507.94	-814.45	983.30	926.73	56.56	17.384		
7,000.00	6,462.10	6,741.87	6,696.84	50.10	24.02	-159.96	1,533.29	-777.97	997.58	940.82	56.76	17.576		
7,100.00	6,553.27	6,842.54	6,789.32	50.88	24.52	-162.51	1,555.57	-745.06	1,011.89	954.82	57.06	17.733		
7,200.00	6,644.45	6,938.48	6,876.44	51.65	25.01	-165.00	1,577.31	-711.28	1,027.38	969.94	57.44	17.887		
7,300.00	6,735.62	7,038.62	6,966.37	52.43	25.56	-167.64	1,600.75	-673.99	1,044.08	986.19	57.89	18.036		
7,400.00	6,826.79	7,138.24	7,055.21	53.21	26.13	-170.23	1,625.28	-636.21	1,061.68	1,003.24	58.44	18.166		
7,500.00	6,917.96	7,238.69	7,152.06	53.99	26.70	-173.04	1,650.02	-600.31	1,078.38	1,019.14	59.24	18.204		
7,600.00	7,009.14	7,339.14	7,251.58	54.77	27.26	-175.51	1,675.00	-567.64	1,095.77	1,036.61	59.94	18.213		
7,700.00	7,100.31	7,439.59	7,348.56	55.55	27.86	-177.89	1,700.24	-535.55	1,113.26	1,054.06	60.69	18.249		
7,800.00	7,191.48	7,539.94	7,445.28	56.33	28.46	-180.27	1,725.75	-503.99	1,130.81	1,071.59	61.49	18.285		
7,900.00	7,282.65	7,640.39	7,546.00	57.11	29.06	-182.65	1,751.51	-472.47	1,148.42	1,089.10	62.29	18.321		
8,000.00	7,373.82	7,740.84	7,646.71	57.89	29.66	-185.03	1,777.52	-441.00	1,166.03	1,106.61	63.09	18.357		
8,100.00	7,465.00	7,841.29	7,747.36	58.67	30.26	-187.41	1,803.78	-409.53	1,183.64	1,124.12	63.89	18.393		
8,200.00	7,556.17	7,941.74	7,847.81	59.45	30.86	-189.79	1,830.29	-378.06	1,201.25	1,141.63	64.69	18.429		
8,300.00	7,647.34	8,042.19	7,948.26	60.23	31.46	-192.17	1,857.05	-346.59	1,218.86	1,159.14	65.49	18.465		
8,400.00	7,738.51	8,142.64	8,048.71	61.01	32.06	-194.55	1,884.06	-315.12	1,236.47	1,176.65	66.29	18.501		
8,500.00	7,829.68	8,243.09	8,149.16	61.79	32.66	-196.93	1,911.32	-283.65	1,254.08	1,194.16	67.09	18.537		
8,600.00	7,920.85	8,343.54	8,249.61	62.57	33.26	-199.31	1,938.83	-252.18	1,271.69	1,211.67	67.89	18.573		
8,700.00	8,012.02	8,443.99	8,350.06	63.35	33.86	-201.69	1,966.59	-220.71	1,289.30	1,229.18	68.69	18.609		
8,800.00	8,103.19	8,544.44	8,450.51	64.13	34.46	-204.07	1,994.60	-189.24	1,306.91	1,246.69	69.49	18.645		
8,900.00	8,194.36	8,644.89	8,550.96	64.91	35.06	-206.45	2,022.86	-157.77	1,324.52	1,264.20	70.29	18.681		
9,000.00	8,285.53	8,745.34	8,651.41	65.69	35.66	-208.83	2,051.37	-126.30	1,342.13	1,281.71	71.09	18.717		
9,100.00	8,376.70	8,845.79	8,751.86	66.47	36.26	-211.21	2,080.13	-94.83	1,359.74	1,299.22	71.89	18.753		
9,200.00	8,467.87	8,946.24	8,852.31	67.25	36.86	-213.59	2,109.14	-63.36	1,377.35	1,316.73	72.69	18.789		
9,300.00	8,559.04	9,046.69	8,952.76	68.03	37.46	-215.97	2,138.39	-31.89	1,394.96	1,334.24	73.49	18.825		
9,400.00	8,650.21	9,147.14	9,053.21	68.81	38.06	-218.35	2,167.89	0.58	1,412.57	1,351.75	74.29	18.861		
9,500.00	8,741.38	9,247.59	9,153.66	69.59	38.66	-220.73	2,197.64	32.11	1,430.18	1,369.26	75.09	18.897		
9,600.00	8,832.55	9,348.04	9,254.11	70.37	39.26	-223.11	2,227.74	63.64	1,447.79	1,386.77	75.89	18.933		
9,700.00	8,923.72	9,448.49	9,354.56	71.15	39.86	-225.49	2,258.09	95.17	1,465.40	1,404.28	76.69	18.969		
9,800.00	9,014.89	9,548.94	9,455.01	71.93	40.46	-227.87	2,288.69	126.70	1,483.01	1,421.79	77.49	19.005		
9,900.00	9,106.06	9,649.39	9,555.46	72.71	41.06	-230.25	2,319.44	158.23	1,500.62	1,439.30	78.29	19.041		
10,000.00	9,197.23	9,749.84	9,655.91	73.49	41.66	-232.63	2,350.44	189.76	1,518.23	1,456.81	79.09	19.077		
10,100.00	9,288.40	9,850.29	9,756.36	74.27	42.26	-235.01	2,381.69	221.29	1,535.84	1,474.32	79.89	19.113		
10,200.00	9,379.57	9,950.74	9,856.81	75.05	42.86	-237.39	2,413.19	252.82	1,553.45	1,491.83	80.69	19.149		
10,300.00	9,470.74	10,051.19	9,957.26	75.83	43.46	-239.77	2,444.94	284.35	1,571.06	1,509.34	81.49	19.185		
10,400.00	9,561.91	10,151.64	10,057.71	76.61	44.06	-242.15	2,476.94	315.88	1,588.67	1,526.85	82.29	19.221		
10,500.00	9,653.08	10,252.09	10,158.16	77.39	44.66	-244.53	2,509.19	347.41	1,606.28	1,544.36	83.09	19.257		
10,600.00	9,744.25	10,352.54	10,258.61	78.17	45.26	-246.91	2,541.69	378.94	1,623.89	1,561.87	83.89	19.293		
10,700.00	9,835.42	10,452.99	10,359.06	78.95	45.86	-249.29	2,574.44	410.47	1,641.50	1,579.38	84.69	19.329		
10,800.00	9,926.59	10,553.44	10,459.51	79.73	46.46	-251.67	2,607.44	442.00	1,659.11	1,596.89	85.49	19.365		
10,900.00	10,017.76	10,653.89	10,559.96	80.51	47.06	-254.05	2,640.69	473.53	1,676.72	1,614.40	86.29	19.401		
11,000.00	10,108.93	10,754.34	10,660.41	81.29	47.66	-256.43	2,674.19	505.06	1,694.33	1,631.91	87.09	19.437		
11,100.00	10,199.10	10,854.79	10,760.86	82.07	48.26	-258.81	2,707.94	536.59	1,711.94	1,649.42	87.89	19.473		
11,200.00	10,289.27	10,955.24	10,861.31	82.85	48.86	-261.19	2,741.94	568.12	1,729.55	1,666.93	88.69	19.509		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,542.00	7,432.74	65.02	27.82	76.03	1,747.52	-622.35	2,371.75	2,292.63	79.12	29.977		
10,400.00	7,780.00	7,542.00	7,432.74	66.83	27.82	76.03	1,747.52	-622.35	2,454.35	2,374.82	79.53	30.862		
10,500.00	7,780.00	7,542.00	7,432.74	68.78	27.82	76.03	1,747.52	-622.35	2,538.21	2,458.31	79.90	31.769		
10,600.00	7,780.00	7,542.00	7,432.74	70.83	27.82	76.03	1,747.52	-622.35	2,623.19	2,542.97	80.23	32.697		
10,700.00	7,780.00	7,542.00	7,432.74	72.95	27.82	76.03	1,747.52	-622.35	2,709.21	2,628.68	80.53	33.643		
10,800.00	7,780.00	7,542.00	7,432.74	75.14	27.82	76.03	1,747.52	-622.35	2,796.15	2,715.35	80.80	34.606		
10,900.00	7,780.00	7,542.00	7,432.74	77.37	27.82	76.03	1,747.52	-622.35	2,883.94	2,802.89	81.05	35.584		
11,000.00	7,780.00	7,542.00	7,432.74	79.65	27.82	76.03	1,747.52	-622.35	2,972.50	2,891.23	81.27	36.575		
11,100.00	7,780.00	7,542.00	7,432.74	81.96	27.82	76.03	1,747.52	-622.35	3,061.77	2,980.29	81.48	37.578		
11,200.00	7,780.00	7,542.00	7,432.74	84.29	27.82	76.03	1,747.52	-622.35	3,151.68	3,070.01	81.66	38.593		
11,300.00	7,780.00	7,542.00	7,432.74	86.65	27.82	76.03	1,747.52	-622.35	3,242.18	3,160.34	81.84	39.618		
11,400.00	7,780.00	7,542.00	7,432.74	89.04	27.82	76.03	1,747.52	-622.35	3,333.22	3,251.23	81.99	40.652		
11,500.00	7,780.00	7,542.00	7,432.74	91.44	27.82	76.03	1,747.52	-622.35	3,424.77	3,342.62	82.14	41.694		
11,600.00	7,780.00	7,542.00	7,432.74	93.86	27.82	76.03	1,747.52	-622.35	3,516.77	3,434.49	82.27	42.744		
11,700.00	7,780.00	7,542.00	7,432.74	96.30	27.82	76.03	1,747.52	-622.35	3,609.20	3,526.80	82.40	43.801		
11,800.00	7,780.00	7,542.00	7,432.74	98.75	27.82	76.03	1,747.52	-622.35	3,702.02	3,619.51	82.52	44.865		
11,900.00	7,780.00	7,542.00	7,432.74	101.22	27.82	76.03	1,747.52	-622.35	3,795.21	3,712.59	82.62	45.934		
12,000.00	7,780.00	7,542.00	7,432.74	103.69	27.82	76.03	1,747.52	-622.35	3,888.74	3,806.01	82.72	47.009		
12,100.00	7,780.00	7,499.92	7,394.05	106.18	27.69	74.61	1,734.62	-612.06	3,980.64	3,897.99	82.65	48.165		
12,200.00	7,780.00	7,497.63	7,391.93	108.68	27.68	74.53	1,733.89	-611.60	4,074.56	3,991.83	82.73	49.250		
12,300.00	7,780.00	7,495.43	7,389.89	111.19	27.67	74.46	1,733.19	-611.16	4,168.75	4,085.94	82.81	50.340		
12,400.00	7,780.00	7,493.33	7,387.93	113.70	27.67	74.39	1,732.52	-610.75	4,263.20	4,180.31	82.89	51.433		
12,500.00	7,780.00	7,491.30	7,386.06	116.23	27.66	74.32	1,731.87	-610.36	4,357.89	4,274.93	82.96	52.529		
12,600.00	7,780.00	7,489.35	7,384.25	118.76	27.65	74.25	1,731.24	-610.00	4,452.80	4,369.77	83.03	53.628		
12,700.00	7,780.00	7,448.00	7,345.73	121.30	27.53	72.90	1,717.50	-603.94	4,549.61	4,466.64	82.96	54.838		
12,800.00	7,780.00	7,448.00	7,345.73	123.84	27.53	72.90	1,717.50	-603.94	4,644.77	4,561.74	83.04	55.936		
12,900.00	7,780.00	7,448.00	7,345.73	126.39	27.53	72.90	1,717.50	-603.94	4,740.14	4,657.03	83.11	57.036		
13,000.00	7,780.00	7,448.00	7,345.73	128.95	27.53	72.90	1,717.50	-603.94	4,835.69	4,752.51	83.17	58.139		
13,100.00	7,780.00	7,448.00	7,345.73	131.51	27.53	72.90	1,717.50	-603.94	4,931.42	4,848.18	83.24	59.245		
13,200.00	7,780.00	7,448.00	7,345.73	134.08	27.53	72.90	1,717.50	-603.94	5,027.31	4,944.01	83.30	60.352		
13,300.00	7,780.00	7,448.00	7,345.73	136.65	27.53	72.90	1,717.50	-603.94	5,123.36	5,040.00	83.36	61.461		
13,400.00	7,780.00	7,448.00	7,345.73	139.23	27.53	72.90	1,717.50	-603.94	5,219.56	5,136.15	83.42	62.573		
13,500.00	7,780.00	7,448.00	7,345.73	141.81	27.53	72.90	1,717.50	-603.94	5,315.90	5,232.43	83.47	63.685		
13,600.00	7,780.00	7,448.00	7,345.73	144.40	27.53	72.90	1,717.50	-603.94	5,412.38	5,328.85	83.52	64.800		
13,700.00	7,780.00	7,448.00	7,345.73	146.99	27.53	72.90	1,717.50	-603.94	5,508.97	5,425.40	83.58	65.915		
13,800.00	7,780.00	7,448.00	7,345.73	149.58	27.53	72.90	1,717.50	-603.94	5,605.69	5,522.07	83.63	67.032		
13,900.00	7,780.00	7,448.00	7,345.73	152.17	27.53	72.90	1,717.50	-603.94	5,702.52	5,618.85	83.68	68.150		
14,000.00	7,780.00	7,448.00	7,345.73	154.77	27.53	72.90	1,717.50	-603.94	5,799.46	5,715.74	83.72	69.269		
14,100.00	7,780.00	7,448.00	7,345.73	157.38	27.53	72.90	1,717.50	-603.94	5,896.50	5,812.73	83.77	70.389		
14,200.00	7,780.00	7,448.00	7,345.73	159.98	27.53	72.90	1,717.50	-603.94	5,993.64	5,909.82	83.82	71.509		
14,300.00	7,780.00	7,448.00	7,345.73	162.59	27.53	72.90	1,717.50	-603.94	6,090.87	6,007.01	83.86	72.630		
14,400.00	7,780.00	7,448.00	7,345.73	165.20	27.53	72.90	1,717.50	-603.94	6,188.19	6,104.29	83.91	73.751		
14,500.00	7,780.00	7,448.00	7,345.73	167.81	27.53	72.90	1,717.50	-603.94	6,285.59	6,201.64	83.95	74.873		
14,600.00	7,780.00	7,448.00	7,345.73	170.43	27.53	72.90	1,717.50	-603.94	6,383.08	6,299.09	83.99	75.996		
14,700.00	7,780.00	7,448.00	7,345.73	173.05	27.53	72.90	1,717.50	-603.94	6,480.64	6,396.60	84.04	77.118		
14,800.00	7,780.00	7,448.00	7,345.73	175.67	27.53	72.90	1,717.50	-603.94	6,578.27	6,494.19	84.08	78.241		
14,900.00	7,780.00	7,448.00	7,345.73	178.29	27.53	72.90	1,717.50	-603.94	6,675.98	6,591.86	84.12	79.364		
15,000.00	7,780.00	7,448.00	7,345.73	180.92	27.53	72.90	1,717.50	-603.94	6,773.75	6,689.59	84.16	80.487		
15,100.00	7,780.00	7,448.00	7,345.73	183.54	27.53	72.90	1,717.50	-603.94	6,871.58	6,787.38	84.20	81.609		
15,200.00	7,780.00	7,448.00	7,345.73	186.17	27.53	72.90	1,717.50	-603.94	6,969.48	6,885.24	84.24	82.732		
15,300.00	7,780.00	7,448.00	7,345.73	188.80	27.53	72.90	1,717.50	-603.94	7,067.43	6,983.15	84.28	83.855		
15,400.00	7,780.00	7,448.00	7,345.73	191.43	27.53	72.90	1,717.50	-603.94	7,165.44	7,081.12	84.32	84.977		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,448.00	7,345.73	194.07	27.53	72.90	1,717.50	-603.94	7,263.51	7,179.15	84.36	86.099		
15,600.00	7,780.00	7,448.00	7,345.73	196.70	27.53	72.90	1,717.50	-603.94	7,361.63	7,277.23	84.40	87.221		
15,700.00	7,780.00	7,448.00	7,345.73	199.34	27.53	72.90	1,717.50	-603.94	7,459.80	7,375.35	84.44	88.342		
15,800.00	7,780.00	7,448.00	7,345.73	201.98	27.53	72.90	1,717.50	-603.94	7,558.01	7,473.53	84.48	89.463		
15,900.00	7,780.00	7,448.00	7,345.73	204.62	27.53	72.90	1,717.50	-603.94	7,656.27	7,571.75	84.52	90.584		
16,000.00	7,780.00	7,448.00	7,345.73	207.26	27.53	72.90	1,717.50	-603.94	7,754.58	7,670.02	84.56	91.704		
16,100.00	7,780.00	7,448.00	7,345.73	209.90	27.53	72.90	1,717.50	-603.94	7,852.93	7,768.33	84.60	92.823		
16,200.00	7,780.00	7,448.00	7,345.73	212.54	27.53	72.90	1,717.50	-603.94	7,951.32	7,866.68	84.64	93.942		
16,300.00	7,780.00	7,448.00	7,345.73	215.19	27.53	72.90	1,717.50	-603.94	8,049.75	7,965.07	84.68	95.060		
16,400.00	7,780.00	7,448.00	7,345.73	217.83	27.53	72.90	1,717.50	-603.94	8,148.22	8,063.50	84.72	96.177		
16,500.00	7,780.00	7,448.00	7,345.73	220.48	27.53	72.90	1,717.50	-603.94	8,246.72	8,161.96	84.76	97.294		
16,600.00	7,780.00	7,448.00	7,345.73	223.13	27.53	72.90	1,717.50	-603.94	8,345.26	8,260.46	84.80	98.410		
16,700.00	7,780.00	7,448.00	7,345.73	225.78	27.53	72.90	1,717.50	-603.94	8,443.84	8,359.00	84.84	99.525		
16,800.00	7,780.00	7,448.00	7,345.73	228.43	27.53	72.90	1,717.50	-603.94	8,542.45	8,457.56	84.88	100.639		
16,900.00	7,780.00	7,448.00	7,345.73	231.08	27.53	72.90	1,717.50	-603.94	8,641.09	8,556.16	84.92	101.752		
17,000.00	7,780.00	7,448.00	7,345.73	233.73	27.53	72.90	1,717.50	-603.94	8,739.76	8,654.79	84.96	102.864		
17,100.00	7,780.00	7,448.00	7,345.73	236.38	27.53	72.90	1,717.50	-603.94	8,838.46	8,753.45	85.00	103.976		
17,200.00	7,780.00	7,448.00	7,345.73	239.04	27.53	72.90	1,717.50	-603.94	8,937.19	8,852.14	85.05	105.086		
17,300.00	7,780.00	7,448.00	7,345.73	241.69	27.53	72.90	1,717.50	-603.94	9,035.95	8,950.86	85.09	106.196		
17,400.00	7,780.00	7,448.00	7,345.73	244.35	27.53	72.90	1,717.50	-603.94	9,134.73	9,049.60	85.13	107.304		
17,500.00	7,780.00	7,448.00	7,345.73	247.00	27.53	72.90	1,717.50	-603.94	9,233.54	9,148.37	85.17	108.411		
17,600.00	7,780.00	7,448.00	7,345.73	249.66	27.53	72.90	1,717.50	-603.94	9,332.38	9,247.17	85.21	109.517		
17,700.00	7,780.00	7,448.00	7,345.73	252.32	27.53	72.90	1,717.50	-603.94	9,431.24	9,345.98	85.26	110.622		
17,800.00	7,780.00	7,448.00	7,345.73	254.98	27.53	72.90	1,717.50	-603.94	9,530.12	9,444.83	85.30	111.726		
17,900.00	7,780.00	7,448.00	7,345.73	257.64	27.53	72.90	1,717.50	-603.94	9,629.03	9,543.69	85.34	112.829		
18,000.00	7,780.00	7,448.00	7,345.73	260.30	27.53	72.90	1,717.50	-603.94	9,727.96	9,642.58	85.39	113.930		
18,100.00	7,780.00	7,448.00	7,345.73	262.96	27.53	72.90	1,717.50	-603.94	9,826.91	9,741.48	85.43	115.030		
18,200.00	7,780.00	7,448.00	7,345.73	265.62	27.53	72.90	1,717.50	-603.94	9,925.89	9,840.41	85.47	116.129		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-36.59	1,365.30	-1,013.62	1,700.54					
100.00	100.00	76.13	76.13	0.13	0.18	-36.59	1,365.31	-1,013.73	1,700.51	1,700.19	0.32	5,347.734		
200.00	199.98	176.56	176.56	0.50	0.54	-21.09	1,365.40	-1,014.17	1,699.22	1,698.18	1.04	1,637.260		
300.00	299.84	280.05	280.05	0.86	0.91	-21.19	1,365.50	-1,014.30	1,694.48	1,692.71	1.77	956.570		
400.00	399.45	380.24	380.23	1.23	1.25	-21.35	1,365.54	-1,014.23	1,686.36	1,683.87	2.49	677.966		
500.00	498.70	477.34	477.34	1.63	1.59	-21.58	1,365.65	-1,014.19	1,675.06	1,671.86	3.20	523.287		
600.00	597.47	574.61	574.61	2.05	1.94	-21.88	1,365.87	-1,014.23	1,660.71	1,656.78	3.93	422.968		
700.00	695.62	678.42	678.42	2.49	2.31	-22.27	1,366.11	-1,014.14	1,643.12	1,638.44	4.68	351.190		
800.00	793.06	783.34	783.34	2.98	2.67	-22.75	1,366.02	-1,013.60	1,621.88	1,616.45	5.44	298.377		
900.00	889.64	882.53	882.52	3.50	3.01	-23.30	1,365.79	-1,012.79	1,597.27	1,591.09	6.18	258.375		
1,000.00	985.27	974.06	974.05	4.06	3.33	-23.92	1,365.49	-1,012.19	1,569.66	1,562.74	6.92	226.963		
1,100.00	1,079.82	1,064.52	1,064.51	4.66	3.65	-24.64	1,365.39	-1,011.78	1,539.36	1,531.69	7.66	200.872		
1,200.00	1,173.17	1,158.58	1,158.57	5.31	3.98	-25.50	1,365.35	-1,011.47	1,506.28	1,497.84	8.44	178.444		
1,300.00	1,265.21	1,246.10	1,246.09	6.01	4.29	-26.44	1,365.42	-1,011.13	1,470.45	1,461.23	9.22	159.521		
1,400.00	1,356.40	1,336.32	1,336.31	6.74	4.61	-27.18	1,365.68	-1,010.92	1,433.24	1,423.22	10.02	143.051		
1,500.00	1,447.57	1,428.47	1,428.46	7.49	4.94	-27.93	1,365.86	-1,010.76	1,396.18	1,385.34	10.84	128.853		
1,600.00	1,538.75	1,518.63	1,518.62	8.24	5.26	-28.71	1,365.98	-1,010.66	1,359.33	1,347.67	11.66	116.574		
1,700.00	1,629.92	1,611.05	1,611.04	8.99	5.59	-29.55	1,366.13	-1,010.58	1,322.76	1,310.25	12.51	105.760		
1,800.00	1,721.09	1,706.13	1,706.11	9.75	5.92	-30.46	1,366.21	-1,010.28	1,286.27	1,272.89	13.38	96.165		
1,900.00	1,812.27	1,797.15	1,797.13	10.51	6.25	-31.37	1,366.33	-1,009.67	1,249.86	1,235.61	14.25	87.721		
2,000.00	1,903.44	1,886.61	1,886.59	11.28	6.57	-32.31	1,366.49	-1,009.20	1,213.87	1,198.74	15.13	80.208		
2,100.00	1,994.61	1,976.76	1,976.74	12.04	6.89	-33.32	1,366.69	-1,008.83	1,178.33	1,162.29	16.04	73.461		
2,200.00	2,085.78	2,067.91	2,067.89	12.81	7.21	-34.41	1,366.87	-1,008.55	1,143.20	1,126.23	16.97	67.373		
2,300.00	2,176.96	2,159.03	2,159.01	13.58	7.54	-35.56	1,367.00	-1,008.28	1,108.45	1,090.54	17.92	61.866		
2,400.00	2,268.13	2,249.02	2,249.00	14.35	7.86	-36.77	1,367.10	-1,008.14	1,074.22	1,055.33	18.89	56.881		
2,500.00	2,359.30	2,340.04	2,340.02	15.12	8.17	-38.07	1,367.11	-1,008.15	1,040.54	1,020.66	19.87	52.365		
2,600.00	2,450.48	2,431.86	2,431.84	15.89	8.49	-39.47	1,367.09	-1,008.15	1,007.38	986.50	20.88	48.240		
2,700.00	2,541.65	2,522.56	2,522.54	16.67	8.81	-40.94	1,367.10	-1,008.10	974.81	952.88	21.93	44.453		
2,800.00	2,632.82	2,613.71	2,613.69	17.44	9.13	-42.51	1,367.14	-1,008.09	942.94	919.94	23.01	40.984		
2,900.00	2,724.00	2,704.91	2,704.89	18.21	9.46	-44.18	1,367.14	-1,008.09	911.81	887.69	24.12	37.806		
3,000.00	2,815.17	2,796.13	2,796.11	18.99	9.78	-45.96	1,367.15	-1,008.08	881.48	856.22	25.26	34.890		
3,100.00	2,906.34	2,887.33	2,887.31	19.76	10.11	-47.85	1,367.19	-1,008.05	852.05	825.60	26.45	32.217		
3,200.00	2,997.52	2,978.13	2,978.11	20.54	10.43	-49.85	1,367.24	-1,008.02	823.63	795.96	27.66	29.773		
3,300.00	3,088.69	3,069.59	3,069.57	21.31	10.75	-51.99	1,367.30	-1,008.04	796.34	767.42	28.92	27.539		
3,400.00	3,179.86	3,160.69	3,160.67	22.09	11.07	-54.26	1,367.36	-1,007.99	770.22	740.01	30.21	25.498		
3,500.00	3,271.04	3,251.50	3,251.49	22.86	11.38	-56.65	1,367.39	-1,008.02	745.51	713.98	31.53	23.644		
3,600.00	3,362.21	3,342.88	3,342.86	23.64	11.70	-59.20	1,367.42	-1,008.07	722.29	689.40	32.89	21.962		
3,700.00	3,453.38	3,434.29	3,434.27	24.42	12.02	-61.90	1,367.43	-1,008.07	700.67	666.39	34.28	20.440		
3,800.00	3,544.56	3,525.58	3,525.57	25.19	12.34	-64.74	1,367.42	-1,008.07	680.83	645.14	35.69	19.075		
3,900.00	3,635.73	3,616.72	3,616.70	25.97	12.65	-67.71	1,367.37	-1,008.06	662.93	625.81	37.11	17.862		
4,000.00	3,726.90	3,707.62	3,707.60	26.75	12.96	-70.81	1,367.29	-1,008.08	647.19	608.65	38.53	16.796		
4,100.00	3,818.08	3,798.84	3,798.82	27.53	13.27	-74.05	1,367.18	-1,008.11	633.73	593.80	39.94	15.868		
4,200.00	3,909.25	3,889.99	3,889.97	28.30	13.58	-77.39	1,367.04	-1,008.13	622.70	581.39	41.32	15.071		
4,300.00	4,000.42	3,981.01	3,980.99	29.08	13.89	-80.81	1,366.96	-1,008.17	614.26	571.61	42.65	14.402		
4,400.00	4,091.60	4,072.15	4,072.13	29.86	14.20	-84.30	1,366.92	-1,008.21	608.49	564.57	43.92	13.854		
4,500.00	4,182.77	4,163.18	4,163.15	30.64	14.51	-87.82	1,366.89	-1,008.27	605.47	560.35	45.12	13.420		
4,556.86	4,234.61	4,214.78	4,214.76	31.08	14.68	-89.83	1,366.89	-1,008.32	605.01	559.25	45.76	13.222 CC		
4,600.00	4,273.94	4,254.04	4,254.02	31.41	14.82	-91.35	1,366.91	-1,008.38	605.27	559.05	46.23	13.094 ES		
4,700.00	4,365.12	4,345.34	4,345.32	32.19	15.13	-94.90	1,366.85	-1,008.48	607.86	560.62	47.24	12.867		
4,800.00	4,456.29	4,436.62	4,436.60	32.97	15.44	-98.40	1,366.74	-1,008.53	613.19	565.03	48.16	12.733		
4,900.00	4,547.46	4,524.52	4,524.50	33.75	15.74	-101.73	1,366.38	-1,008.74	621.46	572.51	48.96	12.694 SF		
5,000.00	4,638.63	4,625.33	4,625.31	34.52	16.10	-105.44	1,366.43	-1,008.61	631.84	582.11	49.73	12.704		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,729.81	4,711.57	4,711.54	35.30	16.40	-108.49	1,366.74	-1,008.38	644.40	594.05	50.36	12.797		
5,200.00	4,820.98	4,802.71	4,802.69	36.08	16.72	-111.61	1,366.88	-1,008.34	659.54	608.61	50.93	12.950		
5,300.00	4,912.15	4,894.47	4,894.44	36.86	17.05	-114.63	1,367.04	-1,008.28	676.79	625.35	51.45	13.156		
5,400.00	5,003.33	4,984.12	4,984.09	37.64	17.36	-117.44	1,367.14	-1,008.24	696.09	644.20	51.89	13.415		
5,500.00	5,094.50	5,075.19	5,075.17	38.42	17.67	-120.16	1,367.11	-1,008.26	717.34	665.04	52.30	13.716		
5,600.00	5,185.67	5,166.57	5,166.55	39.19	17.99	-122.75	1,367.07	-1,008.24	740.25	687.56	52.69	14.050		
5,700.00	5,276.85	5,257.06	5,257.04	39.97	18.30	-125.17	1,367.02	-1,008.23	764.70	711.65	53.05	14.415		
5,800.00	5,368.02	5,356.55	5,356.53	40.75	18.65	-127.69	1,367.18	-1,007.92	790.22	736.76	53.47	14.780		
5,900.00	5,459.19	5,479.04	5,478.95	41.53	19.08	-130.66	1,369.20	-1,004.88	814.85	760.84	54.01	15.087		
6,000.00	5,550.37	5,588.56	5,588.21	42.31	19.47	-133.32	1,372.66	-998.20	837.78	783.38	54.40	15.401		
6,100.00	5,641.54	5,691.21	5,690.36	43.09	19.84	-135.84	1,376.08	-988.71	860.52	805.82	54.69	15.733		
6,200.00	5,732.71	5,789.79	5,788.20	43.87	20.19	-138.28	1,379.51	-977.18	883.51	828.57	54.93	16.083		
6,300.00	5,823.89	5,886.13	5,883.59	44.64	20.53	-140.65	1,382.59	-964.09	907.48	852.34	55.14	16.458		
6,400.00	5,915.06	5,982.56	5,978.64	45.42	20.88	-143.07	1,385.48	-948.12	932.06	876.75	55.30	16.853		
6,500.00	6,006.23	6,074.82	6,069.36	46.20	21.22	-145.35	1,388.14	-931.51	957.82	902.37	55.45	17.274		
6,600.00	6,097.41	6,165.07	6,157.71	46.98	21.56	-147.59	1,390.46	-913.27	984.78	929.20	55.57	17.720		
6,700.00	6,188.58	6,251.60	6,241.92	47.76	21.89	-149.78	1,391.98	-893.42	1,013.34	957.67	55.67	18.203		
6,800.00	6,279.75	6,336.78	6,324.25	48.54	22.22	-151.95	1,392.94	-871.62	1,043.52	987.78	55.75	18.720		
6,900.00	6,370.93	6,419.82	6,404.27	49.32	22.55	-154.03	1,393.36	-849.44	1,075.68	1,019.84	55.83	19.266		
7,000.00	6,462.10	6,560.12	6,539.16	50.10	23.13	-157.34	1,397.62	-811.15	1,107.17	1,050.94	56.23	19.691		
7,100.00	6,553.27	6,684.41	6,657.71	50.88	23.65	-160.16	1,406.46	-774.88	1,136.38	1,079.78	56.60	20.078		
7,200.00	6,644.45	6,812.45	6,778.05	51.65	24.23	-163.10	1,419.38	-733.14	1,164.33	1,107.31	57.01	20.422		
7,300.00	6,735.62	6,920.50	6,878.15	52.43	24.74	-165.59	1,433.61	-695.06	1,190.94	1,133.51	57.43	20.736		
7,400.00	6,826.79	6,998.14	6,949.99	53.21	25.11	-167.32	1,443.98	-667.50	1,219.09	1,161.28	57.80	21.090		
7,500.00	6,917.96	7,073.65	7,020.85	53.99	25.47	-168.82	1,453.36	-643.17	1,249.38	1,191.16	58.22	21.461		
7,600.00	7,009.14	7,156.84	7,101.52	54.77	25.84	-169.99	1,462.48	-625.54	1,281.31	1,222.56	58.75	21.808		
7,700.00	7,100.31	7,308.03	7,251.43	55.55	26.39	-170.91	1,479.37	-618.04	1,312.15	1,252.26	59.88	21.912		
7,800.00	7,191.48	7,403.95	7,345.73	56.33	26.68	-170.72	1,491.18	-629.91	1,339.80	1,279.14	60.66	22.088		
7,900.00	7,283.04	7,476.86	7,414.82	57.06	26.87	-166.25	1,496.98	-652.19	1,368.64	1,307.30	61.34	22.312		
8,000.00	7,373.73	7,608.54	7,529.62	57.68	27.18	-146.48	1,505.26	-715.55	1,397.04	1,334.26	62.78	22.253		
8,100.00	7,460.79	7,732.00	7,622.31	58.18	27.52	-133.66	1,518.63	-795.71	1,422.05	1,357.48	64.57	22.023		
8,200.00	7,541.58	7,759.72	7,640.94	58.56	27.62	-122.30	1,522.19	-815.93	1,451.15	1,385.79	65.36	22.204		
8,300.00	7,613.66	7,761.89	7,642.36	58.83	27.63	-112.81	1,522.44	-817.55	1,484.76	1,418.98	65.78	22.571		
8,400.00	7,674.81	7,732.00	7,622.31	59.00	27.52	-103.81	1,518.63	-795.71	1,522.03	1,456.34	65.69	23.171		
8,500.00	7,723.20	7,732.00	7,622.31	59.08	27.52	-97.33	1,518.63	-795.71	1,560.14	1,493.84	66.30	23.532		
8,600.00	7,757.34	7,730.07	7,620.98	59.09	27.51	-91.82	1,518.36	-794.34	1,598.56	1,531.48	67.08	23.832		
8,700.00	7,776.21	7,665.59	7,574.34	59.03	27.33	-85.46	1,510.48	-750.55	1,634.99	1,568.15	66.85	24.458		
8,800.00	7,780.00	7,611.94	7,532.38	58.92	27.19	-81.67	1,505.54	-717.52	1,667.46	1,600.43	67.03	24.876		
8,900.00	7,780.00	7,572.32	7,499.55	58.81	27.09	-80.52	1,502.65	-695.55	1,701.75	1,634.17	67.58	25.181		
9,000.00	7,780.00	7,543.00	7,474.33	58.73	27.02	-79.63	1,500.92	-680.70	1,740.02	1,671.67	68.35	25.457		
9,100.00	7,780.00	7,543.00	7,474.33	58.67	27.02	-79.63	1,500.92	-680.70	1,782.74	1,713.10	69.63	25.602		
9,200.00	7,780.00	7,509.07	7,444.23	58.64	26.94	-78.58	1,499.01	-665.17	1,828.97	1,758.66	70.31	26.013		
9,300.00	7,780.00	7,495.59	7,432.02	58.63	26.91	-78.16	1,498.18	-659.53	1,879.34	1,808.05	71.29	26.361		
9,400.00	7,780.00	7,483.47	7,420.92	58.67	26.88	-77.78	1,497.41	-654.71	1,933.30	1,861.06	72.24	26.760		
9,500.00	7,780.00	7,449.00	7,388.82	58.76	26.80	-76.68	1,495.07	-642.40	1,991.09	1,918.27	72.82	27.343		
9,600.00	7,780.00	7,449.00	7,388.82	58.91	26.80	-76.68	1,495.07	-642.40	2,051.16	1,977.33	73.83	27.781		
9,700.00	7,780.00	7,449.00	7,388.82	59.15	26.80	-76.68	1,495.07	-642.40	2,114.25	2,039.48	74.77	28.278		
9,800.00	7,780.00	7,449.00	7,388.82	59.53	26.80	-76.68	1,495.07	-642.40	2,180.11	2,104.48	75.63	28.828		
9,900.00	7,780.00	7,449.00	7,388.82	60.09	26.80	-76.68	1,495.07	-642.40	2,248.48	2,172.07	76.41	29.426		
10,000.00	7,780.00	7,449.00	7,388.82	60.91	26.80	-76.68	1,495.07	-642.40	2,319.15	2,242.02	77.13	30.068		
10,100.00	7,780.00	7,449.00	7,388.82	62.01	26.80	-76.68	1,495.07	-642.40	2,391.92	2,314.14	77.79	30.750		
10,200.00	7,780.00	7,449.00	7,388.82	63.39	26.80	-76.68	1,495.07	-642.40	2,466.59	2,388.21	78.38	31.469		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,449.00	7,388.82	65.02	26.80	76.68	1,495.07	-642.40	2,543.01	2,464.08	78.93	32.220		
10,400.00	7,780.00	7,449.00	7,388.82	66.83	26.80	76.68	1,495.07	-642.40	2,621.01	2,541.59	79.42	33.000		
10,500.00	7,780.00	7,449.00	7,388.82	68.78	26.80	76.68	1,495.07	-642.40	2,700.46	2,620.59	79.88	33.808		
10,600.00	7,780.00	7,449.00	7,388.82	70.83	26.80	76.68	1,495.07	-642.40	2,781.24	2,700.95	80.29	34.640		
10,700.00	7,780.00	7,408.13	7,349.77	72.95	26.69	75.37	1,491.60	-630.88	2,861.02	2,780.66	80.36	35.602		
10,800.00	7,780.00	7,405.12	7,346.86	75.14	26.68	75.28	1,491.30	-630.18	2,943.79	2,863.09	80.70	36.479		
10,900.00	7,780.00	7,402.28	7,344.12	77.37	26.68	75.19	1,491.01	-629.54	3,027.57	2,946.56	81.01	37.373		
11,000.00	7,780.00	7,399.60	7,341.52	79.65	26.67	75.10	1,490.73	-628.95	3,112.29	3,030.99	81.30	38.283		
11,100.00	7,780.00	7,397.07	7,339.05	81.96	26.66	75.02	1,490.47	-628.41	3,197.88	3,116.31	81.56	39.208		
11,200.00	7,780.00	7,354.00	7,296.88	84.29	26.54	73.65	1,485.32	-621.50	3,286.46	3,204.91	81.55	40.299		
11,300.00	7,780.00	7,354.00	7,296.88	86.65	26.54	73.65	1,485.32	-621.50	3,373.35	3,291.54	81.80	41.238		
11,400.00	7,780.00	7,354.00	7,296.88	89.04	26.54	73.65	1,485.32	-621.50	3,460.94	3,378.90	82.03	42.189		
11,500.00	7,780.00	7,354.00	7,296.88	91.44	26.54	73.65	1,485.32	-621.50	3,549.19	3,466.94	82.25	43.152		
11,600.00	7,780.00	7,354.00	7,296.88	93.86	26.54	73.65	1,485.32	-621.50	3,638.04	3,555.60	82.45	44.126		
11,700.00	7,780.00	7,354.00	7,296.88	96.30	26.54	73.65	1,485.32	-621.50	3,727.46	3,644.83	82.63	45.109		
11,800.00	7,780.00	7,354.00	7,296.88	98.75	26.54	73.65	1,485.32	-621.50	3,817.41	3,734.61	82.80	46.102		
11,900.00	7,780.00	7,354.00	7,296.88	101.22	26.54	73.65	1,485.32	-621.50	3,907.85	3,824.88	82.96	47.103		
12,000.00	7,780.00	7,354.00	7,296.88	103.69	26.54	73.65	1,485.32	-621.50	3,998.74	3,915.62	83.11	48.111		
12,100.00	7,780.00	7,354.00	7,296.88	106.18	26.54	73.65	1,485.32	-621.50	4,090.05	4,006.80	83.25	49.127		
12,200.00	7,780.00	7,354.00	7,296.88	108.68	26.54	73.65	1,485.32	-621.50	4,181.76	4,098.38	83.39	50.150		
12,300.00	7,780.00	7,354.00	7,296.88	111.19	26.54	73.65	1,485.32	-621.50	4,273.85	4,190.34	83.51	51.179		
12,400.00	7,780.00	7,354.00	7,296.88	113.70	26.54	73.65	1,485.32	-621.50	4,366.28	4,282.66	83.62	52.213		
12,500.00	7,780.00	7,354.00	7,296.88	116.23	26.54	73.65	1,485.32	-621.50	4,459.04	4,375.31	83.73	53.253		
12,600.00	7,780.00	7,354.00	7,296.88	118.76	26.54	73.65	1,485.32	-621.50	4,552.11	4,468.27	83.84	54.297		
12,700.00	7,780.00	7,354.00	7,296.88	121.30	26.54	73.65	1,485.32	-621.50	4,645.46	4,561.53	83.93	55.346		
12,800.00	7,780.00	7,354.00	7,296.88	123.84	26.54	73.65	1,485.32	-621.50	4,739.09	4,655.06	84.03	56.399		
12,900.00	7,780.00	7,354.00	7,296.88	126.39	26.54	73.65	1,485.32	-621.50	4,832.97	4,748.85	84.12	57.456		
13,000.00	7,780.00	7,354.00	7,296.88	128.95	26.54	73.65	1,485.32	-621.50	4,927.09	4,842.89	84.20	58.517		
13,100.00	7,780.00	7,354.00	7,296.88	131.51	26.54	73.65	1,485.32	-621.50	5,021.44	4,937.16	84.28	59.581		
13,200.00	7,780.00	7,354.00	7,296.88	134.08	26.54	73.65	1,485.32	-621.50	5,116.00	5,031.65	84.36	60.648		
13,300.00	7,780.00	7,354.00	7,296.88	136.65	26.54	73.65	1,485.32	-621.50	5,210.77	5,126.34	84.43	61.717		
13,400.00	7,780.00	7,354.00	7,296.88	139.23	26.54	73.65	1,485.32	-621.50	5,305.73	5,221.23	84.50	62.790		
13,500.00	7,780.00	7,354.00	7,296.88	141.81	26.54	73.65	1,485.32	-621.50	5,400.87	5,316.30	84.57	63.865		
13,600.00	7,780.00	7,354.00	7,296.88	144.40	26.54	73.65	1,485.32	-621.50	5,496.18	5,411.55	84.63	64.942		
13,700.00	7,780.00	7,354.00	7,296.88	146.99	26.54	73.65	1,485.32	-621.50	5,591.66	5,506.96	84.70	66.021		
13,800.00	7,780.00	7,354.00	7,296.88	149.58	26.54	73.65	1,485.32	-621.50	5,687.29	5,602.53	84.76	67.102		
13,900.00	7,780.00	7,354.00	7,296.88	152.17	26.54	73.65	1,485.32	-621.50	5,783.07	5,698.26	84.81	68.185		
14,000.00	7,780.00	7,354.00	7,296.88	154.77	26.54	73.65	1,485.32	-621.50	5,878.99	5,794.12	84.87	69.269		
14,100.00	7,780.00	7,354.00	7,296.88	157.38	26.54	73.65	1,485.32	-621.50	5,975.05	5,890.12	84.93	70.355		
14,200.00	7,780.00	7,354.00	7,296.88	159.98	26.54	73.65	1,485.32	-621.50	6,071.23	5,986.25	84.98	71.442		
14,300.00	7,780.00	7,354.00	7,296.88	162.59	26.54	73.65	1,485.32	-621.50	6,167.53	6,082.50	85.03	72.530		
14,400.00	7,780.00	7,354.00	7,296.88	165.20	26.54	73.65	1,485.32	-621.50	6,263.95	6,178.86	85.09	73.619		
14,500.00	7,780.00	7,354.00	7,296.88	167.81	26.54	73.65	1,485.32	-621.50	6,360.48	6,275.34	85.14	74.710		
14,600.00	7,780.00	7,354.00	7,296.88	170.43	26.54	73.65	1,485.32	-621.50	6,457.11	6,371.93	85.19	75.801		
14,700.00	7,780.00	7,354.00	7,296.88	173.05	26.54	73.65	1,485.32	-621.50	6,553.85	6,468.62	85.23	76.893		
14,800.00	7,780.00	7,354.00	7,296.88	175.67	26.54	73.65	1,485.32	-621.50	6,650.68	6,565.40	85.28	77.985		
14,900.00	7,780.00	7,354.00	7,296.88	178.29	26.54	73.65	1,485.32	-621.50	6,747.61	6,662.28	85.33	79.079		
15,000.00	7,780.00	7,354.00	7,296.88	180.92	26.54	73.65	1,485.32	-621.50	6,844.62	6,759.25	85.37	80.172		
15,100.00	7,780.00	7,354.00	7,296.88	183.54	26.54	73.65	1,485.32	-621.50	6,941.72	6,856.30	85.42	81.266		
15,200.00	7,780.00	7,354.00	7,296.88	186.17	26.54	73.65	1,485.32	-621.50	7,038.90	6,953.44	85.46	82.361		
15,300.00	7,780.00	7,354.00	7,296.88	188.80	26.54	73.65	1,485.32	-621.50	7,136.16	7,050.65	85.51	83.455		
15,400.00	7,780.00	7,354.00	7,296.88	191.43	26.54	73.65	1,485.32	-621.50	7,233.49	7,147.94	85.55	84.550		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,354.00	7,296.88	194.07	26.54	73.65	1,485.32	-621.50	7,330.90	7,245.30	85.60	85.645		
15,600.00	7,780.00	7,354.00	7,296.88	196.70	26.54	73.65	1,485.32	-621.50	7,428.37	7,342.73	85.64	86.740		
15,700.00	7,780.00	7,354.00	7,296.88	199.34	26.54	73.65	1,485.32	-621.50	7,525.91	7,440.23	85.68	87.835		
15,800.00	7,780.00	7,354.00	7,296.88	201.98	26.54	73.65	1,485.32	-621.50	7,623.51	7,537.79	85.73	88.930		
15,900.00	7,780.00	7,354.00	7,296.88	204.62	26.54	73.65	1,485.32	-621.50	7,721.18	7,635.41	85.77	90.024		
16,000.00	7,780.00	7,354.00	7,296.88	207.26	26.54	73.65	1,485.32	-621.50	7,818.90	7,733.09	85.81	91.119		
16,100.00	7,780.00	7,354.00	7,296.88	209.90	26.54	73.65	1,485.32	-621.50	7,916.68	7,830.83	85.85	92.213		
16,200.00	7,780.00	7,354.00	7,296.88	212.54	26.54	73.65	1,485.32	-621.50	8,014.51	7,928.62	85.89	93.307		
16,300.00	7,780.00	7,354.00	7,296.88	215.19	26.54	73.65	1,485.32	-621.50	8,112.40	8,026.47	85.94	94.400		
16,400.00	7,780.00	7,354.00	7,296.88	217.83	26.54	73.65	1,485.32	-621.50	8,210.34	8,124.36	85.98	95.494		
16,500.00	7,780.00	7,354.00	7,296.88	220.48	26.54	73.65	1,485.32	-621.50	8,308.33	8,222.31	86.02	96.586		
16,600.00	7,780.00	7,354.00	7,296.88	223.13	26.54	73.65	1,485.32	-621.50	8,406.37	8,320.30	86.06	97.678		
16,700.00	7,780.00	7,354.00	7,296.88	225.78	26.54	73.65	1,485.32	-621.50	8,504.45	8,418.34	86.10	98.770		
16,800.00	7,780.00	7,354.00	7,296.88	228.43	26.54	73.65	1,485.32	-621.50	8,602.57	8,516.43	86.15	99.861		
16,900.00	7,780.00	7,354.00	7,296.88	231.08	26.54	73.65	1,485.32	-621.50	8,700.74	8,614.55	86.19	100.952		
17,000.00	7,780.00	7,354.00	7,296.88	233.73	26.54	73.65	1,485.32	-621.50	8,798.95	8,712.72	86.23	102.042		
17,100.00	7,780.00	7,354.00	7,296.88	236.38	26.54	73.65	1,485.32	-621.50	8,897.20	8,810.93	86.27	103.131		
17,200.00	7,780.00	7,354.00	7,296.88	239.04	26.54	73.65	1,485.32	-621.50	8,995.49	8,909.17	86.31	104.219		
17,300.00	7,780.00	7,354.00	7,296.88	241.69	26.54	73.65	1,485.32	-621.50	9,093.81	9,007.46	86.36	105.307		
17,400.00	7,780.00	7,354.00	7,296.88	244.35	26.54	73.65	1,485.32	-621.50	9,192.17	9,105.77	86.40	106.394		
17,500.00	7,780.00	7,354.00	7,296.88	247.00	26.54	73.65	1,485.32	-621.50	9,290.57	9,204.13	86.44	107.479		
17,600.00	7,780.00	7,354.00	7,296.88	249.66	26.54	73.65	1,485.32	-621.50	9,389.00	9,302.52	86.48	108.565		
17,700.00	7,780.00	7,354.00	7,296.88	252.32	26.54	73.65	1,485.32	-621.50	9,487.46	9,400.94	86.53	109.649		
17,800.00	7,780.00	7,354.00	7,296.88	254.98	26.54	73.65	1,485.32	-621.50	9,585.96	9,499.39	86.57	110.732		
17,900.00	7,780.00	7,354.00	7,296.88	257.64	26.54	73.65	1,485.32	-621.50	9,684.48	9,597.87	86.61	111.814		
18,000.00	7,780.00	7,354.00	7,296.88	260.30	26.54	73.65	1,485.32	-621.50	9,783.04	9,696.38	86.66	112.896		
18,100.00	7,780.00	7,354.00	7,296.88	262.96	26.54	73.65	1,485.32	-621.50	9,881.62	9,794.92	86.70	113.976		
18,200.00	7,780.00	7,354.00	7,296.88	265.62	26.54	73.65	1,485.32	-621.50	9,980.24	9,893.49	86.74	115.055		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-35.50	1,365.30	-973.97	1,677.21					
100.00	100.00	68.90	68.90	0.13	0.16	-35.51	1,365.35	-974.17	1,677.30	1,677.00	0.29	5,711.395		
200.00	199.98	161.67	161.66	0.50	0.49	-20.01	1,365.70	-975.44	1,676.75	1,675.76	0.98	1,702.285		
300.00	299.84	261.44	261.42	0.86	0.85	-20.12	1,366.20	-976.69	1,672.96	1,671.26	1.71	978.809		
400.00	399.45	364.89	364.86	1.23	1.22	-20.30	1,366.69	-977.87	1,665.83	1,663.38	2.45	679.870		
500.00	498.70	466.36	466.33	1.63	1.58	-20.55	1,367.05	-978.85	1,655.25	1,652.06	3.19	519.224		
600.00	597.47	569.30	569.26	2.05	1.95	-20.86	1,367.46	-979.53	1,641.30	1,637.36	3.93	417.145		
700.00	695.62	669.17	669.14	2.49	2.31	-21.22	1,367.90	-979.73	1,623.92	1,619.24	4.67	347.433		
800.00	793.06	768.08	768.04	2.98	2.66	-21.67	1,368.30	-979.88	1,603.32	1,597.90	5.42	295.886		
900.00	889.64	866.82	866.78	3.50	3.01	-22.20	1,368.59	-979.99	1,579.49	1,573.32	6.17	255.881		
1,000.00	985.27	956.87	956.83	4.06	3.33	-22.80	1,368.93	-980.18	1,552.72	1,545.81	6.91	224.737		
1,100.00	1,079.82	1,047.16	1,047.12	4.66	3.65	-23.48	1,369.55	-980.50	1,523.26	1,515.60	7.66	198.843		
1,200.00	1,173.17	1,142.34	1,142.30	5.31	3.99	-24.31	1,370.38	-980.84	1,491.02	1,482.57	8.44	176.579		
1,300.00	1,265.21	1,236.11	1,236.06	6.01	4.32	-25.25	1,371.12	-980.96	1,455.72	1,446.48	9.24	157.558		
1,400.00	1,356.40	1,324.55	1,324.50	6.74	4.64	-25.95	1,371.82	-981.17	1,418.83	1,408.79	10.03	141.447		
1,500.00	1,447.57	1,417.79	1,417.73	7.49	4.97	-26.67	1,372.81	-981.33	1,382.24	1,371.40	10.85	127.454		
1,600.00	1,538.75	1,510.21	1,510.15	8.24	5.30	-27.44	1,373.55	-981.43	1,345.66	1,333.99	11.67	115.301		
1,700.00	1,629.92	1,600.72	1,600.65	8.99	5.62	-28.22	1,374.36	-981.54	1,309.34	1,296.84	12.51	104.705		
1,800.00	1,721.09	1,692.24	1,692.17	9.75	5.95	-29.05	1,375.31	-981.56	1,273.32	1,259.96	13.36	95.338		
1,900.00	1,812.27	1,784.43	1,784.35	10.51	6.28	-29.92	1,376.32	-981.48	1,237.51	1,223.29	14.22	87.010		
2,000.00	1,903.44	1,874.56	1,874.48	11.28	6.60	-30.83	1,377.22	-981.48	1,201.97	1,186.87	15.10	79.596		
2,100.00	1,994.61	1,964.10	1,964.02	12.04	6.92	-31.80	1,378.09	-981.79	1,166.94	1,150.94	16.00	72.948		
2,200.00	2,085.78	2,055.21	2,055.12	12.81	7.25	-32.85	1,378.91	-982.26	1,132.32	1,115.40	16.92	66.937		
2,300.00	2,176.96	2,146.91	2,146.81	13.58	7.57	-33.97	1,379.68	-982.83	1,098.10	1,080.24	17.86	61.494		
2,400.00	2,268.13	2,246.44	2,246.35	14.35	7.93	-35.27	1,380.29	-983.22	1,064.02	1,045.19	18.83	56.499		
2,500.00	2,359.30	2,378.86	2,378.73	15.12	8.38	-37.06	1,380.21	-980.54	1,028.38	1,008.53	19.85	51.817		
2,600.00	2,450.48	2,494.20	2,493.85	15.89	8.77	-38.69	1,378.17	-973.93	989.43	968.61	20.82	47.522		
2,700.00	2,541.65	2,583.04	2,582.51	16.67	9.06	-40.17	1,374.83	-969.39	950.43	928.61	21.82	43.558		
2,800.00	2,632.82	2,671.14	2,670.43	17.44	9.36	-41.81	1,370.75	-965.58	912.15	889.29	22.86	39.900		
2,900.00	2,724.00	2,760.27	2,759.39	18.21	9.66	-43.54	1,367.41	-961.14	874.62	850.68	23.94	36.541		
3,000.00	2,815.17	2,848.62	2,847.56	18.99	9.96	-45.31	1,365.12	-956.07	837.87	812.83	25.04	33.457		
3,100.00	2,906.34	2,936.46	2,935.23	19.76	10.26	-47.15	1,363.66	-950.74	802.15	775.96	26.19	30.631		
3,200.00	2,997.52	3,026.98	3,025.58	20.54	10.57	-49.25	1,361.67	-945.54	767.33	739.94	27.38	28.024		
3,300.00	3,088.69	3,114.91	3,113.34	21.31	10.88	-51.53	1,359.00	-940.84	733.55	704.92	28.63	25.618		
3,400.00	3,179.86	3,193.10	3,191.43	22.09	11.15	-53.71	1,356.93	-937.35	701.93	671.98	29.95	23.437		
3,500.00	3,271.04	3,262.69	3,260.98	22.86	11.39	-55.75	1,355.93	-935.55	673.76	642.45	31.31	21.521		
3,600.00	3,362.21	3,344.02	3,342.31	23.64	11.67	-58.27	1,355.76	-935.47	649.66	616.97	32.70	19.870		
3,700.00	3,453.38	3,435.50	3,433.79	24.42	11.98	-61.26	1,355.65	-935.60	627.63	593.51	34.13	18.392		
3,800.00	3,544.56	3,527.12	3,525.41	25.19	12.30	-64.44	1,355.63	-935.65	607.54	571.96	35.58	17.074		
3,900.00	3,635.73	3,618.10	3,616.39	25.97	12.61	-67.77	1,355.55	-935.65	589.57	552.52	37.05	15.911		
4,000.00	3,726.90	3,708.83	3,707.12	26.75	12.93	-71.25	1,355.57	-935.75	574.10	535.58	38.52	14.903		
4,100.00	3,818.08	3,800.31	3,798.60	27.53	13.24	-74.92	1,355.51	-935.83	561.19	521.22	39.97	14.039		
4,200.00	3,909.25	3,890.68	3,888.97	28.30	13.55	-78.67	1,355.45	-935.90	551.04	509.67	41.38	13.318		
4,300.00	4,000.42	3,980.54	3,978.83	29.08	13.86	-82.53	1,355.00	-936.25	544.16	501.44	42.71	12.740		
4,400.00	4,091.60	4,074.23	4,072.52	29.86	14.19	-86.60	1,354.79	-936.39	540.09	496.12	43.97	12.283		
4,487.71	4,171.56	4,154.59	4,152.88	30.54	14.46	-90.11	1,354.78	-936.35	538.92	493.94	44.98	11.980 CC		
4,500.00	4,182.77	4,165.36	4,163.65	30.64	14.50	-90.58	1,354.78	-936.35	538.95	493.83	45.12	11.946 ES		
4,600.00	4,273.94	4,255.27	4,253.55	31.41	14.81	-94.50	1,354.68	-936.46	541.11	494.97	46.14	11.727		
4,700.00	4,365.12	4,347.26	4,345.54	32.19	15.13	-98.47	1,354.58	-936.58	546.36	499.31	47.06	11.611		
4,800.00	4,456.29	4,438.65	4,436.94	32.97	15.45	-102.34	1,354.42	-936.54	554.53	506.68	47.84	11.590 SF		
4,900.00	4,547.46	4,528.08	4,526.36	33.75	15.75	-106.06	1,353.86	-936.42	565.74	517.23	48.50	11.664		
5,000.00	4,638.63	4,620.30	4,618.58	34.52	16.07	-109.74	1,353.43	-936.42	579.75	530.67	49.08	11.812		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,729.81	4,712.21	4,710.50	35.30	16.39	-113.21	1,353.35	-936.47	596.13	546.55	49.58	12.024	
5,200.00	4,820.98	4,803.49	4,801.77	36.08	16.71	-116.49	1,353.30	-936.46	614.77	564.77	50.00	12.294	
5,300.00	4,912.15	4,895.63	4,893.92	36.86	17.03	-119.62	1,353.34	-936.42	635.45	585.06	50.39	12.611	
5,400.00	5,003.33	4,985.94	4,984.22	37.64	17.34	-122.51	1,353.42	-936.41	658.02	607.29	50.73	12.972	
5,500.00	5,094.50	5,077.40	5,075.68	38.42	17.66	-125.26	1,353.44	-936.41	682.37	631.32	51.05	13.366	
5,600.00	5,185.67	5,167.65	5,165.93	39.19	17.98	-127.80	1,353.41	-936.39	708.29	656.94	51.35	13.793	
5,700.00	5,276.85	5,258.67	5,256.95	39.97	18.29	-130.20	1,353.32	-936.44	735.68	684.03	51.66	14.241	
5,800.00	5,368.02	5,350.04	5,348.32	40.75	18.61	-132.44	1,353.27	-936.52	764.30	712.32	51.97	14.705	
5,900.00	5,459.19	5,440.95	5,439.23	41.53	18.93	-134.53	1,353.20	-936.55	794.00	741.71	52.30	15.183	
6,000.00	5,550.37	5,531.16	5,529.44	42.31	19.24	-136.49	1,352.91	-936.26	824.75	772.14	52.61	15.676	
6,100.00	5,641.54	5,618.95	5,617.20	43.09	19.55	-138.39	1,351.72	-934.41	856.62	803.74	52.89	16.198	
6,200.00	5,732.71	5,710.87	5,708.96	43.87	19.87	-140.46	1,349.10	-929.72	889.68	836.53	53.15	16.738	
6,300.00	5,823.89	5,813.97	5,811.68	44.64	20.23	-142.78	1,346.06	-921.54	923.01	869.53	53.48	17.258	
6,400.00	5,915.06	5,912.56	5,909.80	45.42	20.58	-144.91	1,344.22	-912.09	956.00	902.22	53.78	17.777	
6,500.00	6,006.23	5,999.27	5,995.99	46.20	20.89	-146.73	1,342.64	-902.75	989.69	935.70	53.99	18.330	
6,600.00	6,097.41	6,081.87	6,077.93	46.98	21.19	-148.45	1,340.37	-892.56	1,024.81	970.64	54.18	18.916	
6,700.00	6,188.58	6,155.15	6,150.25	47.76	21.45	-150.02	1,337.28	-881.20	1,061.63	1,007.37	54.26	19.566	
6,800.00	6,279.75	6,222.00	6,215.84	48.54	21.70	-151.50	1,332.75	-869.13	1,101.18	1,046.92	54.26	20.294	
6,900.00	6,370.93	6,279.88	6,272.32	49.32	21.92	-152.79	1,327.48	-857.60	1,143.52	1,089.35	54.17	21.109	
7,000.00	6,462.10	6,345.48	6,336.01	50.10	22.17	-154.24	1,320.27	-843.65	1,188.42	1,134.27	54.15	21.946	
7,100.00	6,553.27	6,418.40	6,406.64	50.88	22.45	-155.78	1,311.51	-827.78	1,235.18	1,180.95	54.23	22.776	
7,200.00	6,644.45	6,505.92	6,491.31	51.65	22.79	-157.54	1,300.96	-808.30	1,282.92	1,228.41	54.51	23.537	
7,300.00	6,735.62	6,593.63	6,575.93	52.43	23.15	-159.24	1,290.79	-787.58	1,331.13	1,276.31	54.82	24.283	
7,400.00	6,826.79	6,686.72	6,646.08	53.21	23.45	-160.64	1,282.32	-768.90	1,380.19	1,325.19	55.00	25.096	
7,500.00	6,917.96	6,736.93	6,713.15	53.99	23.75	-161.95	1,273.76	-749.99	1,430.58	1,375.42	55.16	25.933	
7,600.00	7,009.14	6,805.35	6,778.49	54.77	24.04	-163.16	1,264.96	-731.70	1,482.30	1,426.95	55.35	26.780	
7,700.00	7,100.31	6,870.62	6,840.83	55.55	24.33	-164.24	1,256.01	-714.56	1,535.37	1,479.84	55.54	27.647	
7,800.00	7,191.48	6,951.95	6,918.50	56.33	24.69	-165.50	1,244.48	-693.37	1,589.41	1,533.45	55.95	28.405	
7,900.00	7,283.04	7,062.42	7,024.00	57.06	25.19	-166.16	1,229.89	-664.03	1,643.00	1,586.21	56.79	28.931	
8,000.00	7,373.73	7,153.02	7,114.58	57.68	25.75	-166.63	1,213.77	-624.24	1,689.43	1,627.26	57.17	29.474	
8,100.00	7,464.79	7,243.00	7,204.58	58.18	26.37	-166.93	1,201.17	-574.22	1,717.77	1,655.02	57.47	30.037	
8,200.00	7,555.85	7,333.00	7,294.58	58.66	27.03	-167.16	1,191.17	-514.22	1,748.03	1,685.07	57.66	30.620	
8,300.00	7,646.91	7,423.00	7,384.58	59.11	27.73	-167.33	1,181.17	-454.22	1,778.05	1,716.84	57.76	31.223	
8,400.00	7,737.97	7,513.00	7,474.58	59.53	28.47	-167.45	1,171.17	-394.22	1,807.77	1,749.20	57.77	31.846	
8,500.00	7,829.03	7,603.00	7,564.58	59.92	29.25	-167.52	1,161.17	-334.22	1,837.19	1,781.10	57.69	32.489	
8,600.00	7,920.09	7,693.00	7,654.58	60.28	30.07	-167.55	1,151.17	-274.22	1,866.37	1,811.55	57.51	33.162	
8,700.00	8,011.15	7,783.00	7,744.58	60.61	30.93	-167.54	1,141.17	-214.22	1,895.44	1,839.68	57.19	33.875	
8,800.00	8,102.21	7,873.00	7,834.58	60.91	31.83	-167.49	1,131.17	-154.22	1,924.40	1,865.16	56.73	34.628	
8,900.00	8,193.27	7,963.00	7,924.58	61.18	32.77	-167.40	1,121.17	-94.22	1,953.24	1,893.44	56.13	35.421	
9,000.00	8,284.33	8,053.00	8,014.58	61.42	33.75	-167.27	1,111.17	6.22	1,981.96	1,926.29	55.39	36.254	
9,100.00	8,375.39	8,143.00	8,104.58	61.63	34.77	-167.10	1,101.17	66.22	2,010.58	1,962.62	54.57	37.127	
9,200.00	8,466.45	8,233.00	8,194.58	61.81	35.83	-166.89	1,091.17	126.22	2,039.10	1,992.00	53.69	38.040	
9,300.00	8,557.51	8,323.00	8,284.58	61.96	36.93	-166.64	1,081.17	186.22	2,067.62	2,021.41	52.75	38.993	
9,400.00	8,648.57	8,413.00	8,374.58	62.08	38.07	-166.35	1,071.17	246.22	2,096.14	2,050.81	51.75	39.986	
9,500.00	8,739.63	8,503.00	8,464.58	62.17	39.25	-166.02	1,061.17	306.22	2,124.66	2,080.21	50.69	41.019	
9,600.00	8,830.69	8,593.00	8,554.58	62.23	40.47	-165.65	1,051.17	366.22	2,153.18	2,110.69	49.57	42.092	
9,700.00	8,921.75	8,683.00	8,644.58	62.26	41.73	-165.25	1,041.17	426.22	2,181.69	2,141.16	48.39	43.205	
9,800.00	9,012.81	8,773.00	8,734.58	62.26	43.03	-164.72	1,031.17	486.22	2,210.19	2,170.63	47.15	44.358	
9,900.00	9,103.87	8,863.00	8,824.58	62.23	44.37	-164.07	1,021.17	546.22	2,238.68	2,200.09	45.85	45.551	
10,000.00	9,194.93	8,953.00	8,914.58	62.17	45.75	-163.29	1,011.17	606.22	2,267.18	2,229.57	44.49	46.784	
10,100.00	9,285.99	9,043.00	9,004.58	62.08	47.17	-162.48	1,001.17	666.22	2,295.63	2,259.02	43.07	48.057	
10,200.00	9,377.05	9,133.00	9,094.58	61.96	48.63	-161.63	991.17	726.22	2,324.03	2,288.41	41.59	49.370	

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 PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,448.00	7,401.95	65.02	26.66	79.12	1,199.63	-636.21	2,729.93	2,650.15	79.77	34.221		
10,400.00	7,780.00	7,448.00	7,401.95	66.83	26.66	79.12	1,199.63	-636.21	2,802.54	2,722.15	80.39	34.860		
10,500.00	7,780.00	7,448.00	7,401.95	68.78	26.66	79.12	1,199.63	-636.21	2,876.80	2,795.83	80.97	35.531		
10,600.00	7,780.00	7,448.00	7,401.95	70.83	26.66	79.12	1,199.63	-636.21	2,952.58	2,871.08	81.50	36.230		
10,700.00	7,780.00	7,448.00	7,401.95	72.95	26.66	79.12	1,199.63	-636.21	3,029.76	2,947.78	81.98	36.955		
10,800.00	7,780.00	7,448.00	7,401.95	75.14	26.66	79.12	1,199.63	-636.21	3,108.24	3,025.81	82.44	37.704		
10,900.00	7,780.00	7,448.00	7,401.95	77.37	26.66	79.12	1,199.63	-636.21	3,187.93	3,105.08	82.85	38.476		
11,000.00	7,780.00	7,448.00	7,401.95	79.65	26.66	79.12	1,199.63	-636.21	3,268.74	3,185.50	83.24	39.268		
11,100.00	7,780.00	7,448.00	7,401.95	81.96	26.66	79.12	1,199.63	-636.21	3,350.58	3,266.98	83.60	40.079		
11,200.00	7,780.00	7,448.00	7,401.95	84.29	26.66	79.12	1,199.63	-636.21	3,433.39	3,349.45	83.93	40.907		
11,300.00	7,780.00	7,448.00	7,401.95	86.65	26.66	79.12	1,199.63	-636.21	3,517.08	3,432.84	84.24	41.751		
11,400.00	7,780.00	7,411.05	7,365.62	89.04	26.55	78.06	1,198.14	-629.61	3,600.61	3,516.29	84.32	42.702		
11,500.00	7,780.00	7,408.34	7,362.94	91.44	26.54	77.98	1,198.05	-629.22	3,685.75	3,601.18	84.58	43.579		
11,600.00	7,780.00	7,405.79	7,360.42	93.86	26.53	77.91	1,197.98	-628.86	3,771.62	3,686.80	84.82	44.468		
11,700.00	7,780.00	7,403.38	7,358.04	96.30	26.53	77.84	1,197.91	-628.53	3,858.15	3,773.11	85.04	45.368		
11,800.00	7,780.00	7,401.11	7,355.79	98.75	26.52	77.77	1,197.85	-628.23	3,945.31	3,860.06	85.25	46.278		
11,900.00	7,780.00	7,398.97	7,353.66	101.22	26.51	77.71	1,197.79	-627.95	4,033.06	3,947.61	85.45	47.198		
12,000.00	7,780.00	7,396.94	7,351.65	103.69	26.51	77.65	1,197.74	-627.69	4,121.37	4,035.73	85.63	48.127		
12,100.00	7,780.00	7,395.01	7,349.74	106.18	26.50	77.60	1,197.69	-627.46	4,210.19	4,124.38	85.81	49.065		
12,200.00	7,780.00	7,393.18	7,347.92	108.68	26.50	77.54	1,197.65	-627.24	4,299.49	4,213.52	85.97	50.011		
12,300.00	7,780.00	7,354.00	7,308.90	111.19	26.38	76.41	1,197.09	-623.90	4,390.34	4,304.40	85.94	51.085		
12,400.00	7,780.00	7,354.00	7,308.90	113.70	26.38	76.41	1,197.09	-623.90	4,480.44	4,394.34	86.10	52.039		
12,500.00	7,780.00	7,354.00	7,308.90	116.23	26.38	76.41	1,197.09	-623.90	4,570.95	4,484.71	86.25	52.999		
12,600.00	7,780.00	7,354.00	7,308.90	118.76	26.38	76.41	1,197.09	-623.90	4,661.86	4,575.47	86.39	53.966		
12,700.00	7,780.00	7,354.00	7,308.90	121.30	26.38	76.41	1,197.09	-623.90	4,753.12	4,666.61	86.52	54.938		
12,800.00	7,780.00	7,354.00	7,308.90	123.84	26.38	76.41	1,197.09	-623.90	4,844.73	4,758.09	86.64	55.916		
12,900.00	7,780.00	7,354.00	7,308.90	126.39	26.38	76.41	1,197.09	-623.90	4,936.67	4,849.91	86.76	56.900		
13,000.00	7,780.00	7,354.00	7,308.90	128.95	26.38	76.41	1,197.09	-623.90	5,028.92	4,942.04	86.87	57.888		
13,100.00	7,780.00	7,354.00	7,308.90	131.51	26.38	76.41	1,197.09	-623.90	5,121.45	5,034.47	86.98	58.880		
13,200.00	7,780.00	7,354.00	7,308.90	134.08	26.38	76.41	1,197.09	-623.90	5,214.27	5,127.18	87.08	59.877		
13,300.00	7,780.00	7,354.00	7,308.90	136.65	26.38	76.41	1,197.09	-623.90	5,307.34	5,220.16	87.18	60.878		
13,400.00	7,780.00	7,354.00	7,308.90	139.23	26.38	76.41	1,197.09	-623.90	5,400.66	5,313.39	87.27	61.882		
13,500.00	7,780.00	7,354.00	7,308.90	141.81	26.38	76.41	1,197.09	-623.90	5,494.21	5,406.85	87.36	62.890		
13,600.00	7,780.00	7,354.00	7,308.90	144.40	26.38	76.41	1,197.09	-623.90	5,587.99	5,500.55	87.45	63.901		
13,700.00	7,780.00	7,354.00	7,308.90	146.99	26.38	76.41	1,197.09	-623.90	5,681.98	5,594.45	87.53	64.915		
13,800.00	7,780.00	7,354.00	7,308.90	149.58	26.38	76.41	1,197.09	-623.90	5,776.18	5,688.57	87.61	65.931		
13,900.00	7,780.00	7,354.00	7,308.90	152.17	26.38	76.41	1,197.09	-623.90	5,870.56	5,782.88	87.68	66.951		
14,000.00	7,780.00	7,354.00	7,308.90	154.77	26.38	76.41	1,197.09	-623.90	5,965.13	5,877.37	87.76	67.972		
14,100.00	7,780.00	7,354.00	7,308.90	157.38	26.38	76.41	1,197.09	-623.90	6,059.87	5,972.04	87.83	68.996		
14,200.00	7,780.00	7,354.00	7,308.90	159.98	26.38	76.41	1,197.09	-623.90	6,154.78	6,066.88	87.90	70.022		
14,300.00	7,780.00	7,354.00	7,308.90	162.59	26.38	76.41	1,197.09	-623.90	6,249.85	6,161.88	87.96	71.050		
14,400.00	7,780.00	7,354.00	7,308.90	165.20	26.38	76.41	1,197.09	-623.90	6,345.07	6,257.04	88.03	72.080		
14,500.00	7,780.00	7,354.00	7,308.90	167.81	26.38	76.41	1,197.09	-623.90	6,440.43	6,352.34	88.09	73.111		
14,600.00	7,780.00	7,354.00	7,308.90	170.43	26.38	76.41	1,197.09	-623.90	6,535.93	6,447.78	88.15	74.144		
14,700.00	7,780.00	7,354.00	7,308.90	173.05	26.38	76.41	1,197.09	-623.90	6,631.57	6,543.36	88.21	75.178		
14,800.00	7,780.00	7,354.00	7,308.90	175.67	26.38	76.41	1,197.09	-623.90	6,727.33	6,639.06	88.27	76.214		
14,900.00	7,780.00	7,354.00	7,308.90	178.29	26.38	76.41	1,197.09	-623.90	6,823.22	6,734.89	88.33	77.250		
15,000.00	7,780.00	7,354.00	7,308.90	180.92	26.38	76.41	1,197.09	-623.90	6,919.22	6,830.83	88.38	78.288		
15,100.00	7,780.00	7,354.00	7,308.90	183.54	26.38	76.41	1,197.09	-623.90	7,015.33	6,926.89	88.44	79.327		
15,200.00	7,780.00	7,354.00	7,308.90	186.17	26.38	76.41	1,197.09	-623.90	7,111.55	7,023.06	88.49	80.367		
15,300.00	7,780.00	7,354.00	7,308.90	188.80	26.38	76.41	1,197.09	-623.90	7,207.87	7,119.33	88.54	81.407		
15,400.00	7,780.00	7,354.00	7,308.90	191.43	26.38	76.41	1,197.09	-623.90	7,304.29	7,215.70	88.59	82.448		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY											Offset Site Error: 0.00 usft		
Survey Program: 25-MWD OWSG											Offset Well Error: 0.00 usft		
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,780.00	7,354.00	7,308.90	194.07	26.38	76.41	1,197.09	-623.90	7,400.81	7,312.16	88.64	83.490	
15,600.00	7,780.00	7,354.00	7,308.90	196.70	26.38	76.41	1,197.09	-623.90	7,497.41	7,408.72	88.69	84.532	
15,700.00	7,780.00	7,354.00	7,308.90	199.34	26.38	76.41	1,197.09	-623.90	7,594.11	7,505.37	88.74	85.575	
15,800.00	7,780.00	7,354.00	7,308.90	201.98	26.38	76.41	1,197.09	-623.90	7,690.89	7,602.10	88.79	86.618	
15,900.00	7,780.00	7,354.00	7,308.90	204.62	26.38	76.41	1,197.09	-623.90	7,787.75	7,698.91	88.84	87.662	
16,000.00	7,780.00	7,354.00	7,308.90	207.26	26.38	76.41	1,197.09	-623.90	7,884.69	7,795.80	88.89	88.705	
16,100.00	7,780.00	7,354.00	7,308.90	209.90	26.38	76.41	1,197.09	-623.90	7,981.70	7,892.77	88.93	89.749	
16,200.00	7,780.00	7,354.00	7,308.90	212.54	26.38	76.41	1,197.09	-623.90	8,078.79	7,989.81	88.98	90.793	
16,300.00	7,780.00	7,354.00	7,308.90	215.19	26.38	76.41	1,197.09	-623.90	8,175.95	8,086.92	89.03	91.837	
16,400.00	7,780.00	7,354.00	7,308.90	217.83	26.38	76.41	1,197.09	-623.90	8,273.17	8,184.10	89.07	92.882	
16,500.00	7,780.00	7,354.00	7,308.90	220.48	26.38	76.41	1,197.09	-623.90	8,370.47	8,281.35	89.12	93.926	
16,600.00	7,780.00	7,354.00	7,308.90	223.13	26.38	76.41	1,197.09	-623.90	8,467.82	8,378.66	89.16	94.970	
16,700.00	7,780.00	7,354.00	7,308.90	225.78	26.38	76.41	1,197.09	-623.90	8,565.24	8,476.03	89.21	96.014	
16,800.00	7,780.00	7,354.00	7,308.90	228.43	26.38	76.41	1,197.09	-623.90	8,662.71	8,573.46	89.25	97.057	
16,900.00	7,780.00	7,354.00	7,308.90	231.08	26.38	76.41	1,197.09	-623.90	8,760.24	8,670.94	89.30	98.101	
17,000.00	7,780.00	7,354.00	7,308.90	233.73	26.38	76.41	1,197.09	-623.90	8,857.83	8,768.48	89.34	99.144	
17,100.00	7,780.00	7,354.00	7,308.90	236.38	26.38	76.41	1,197.09	-623.90	8,955.47	8,866.08	89.39	100.187	
17,200.00	7,780.00	7,354.00	7,308.90	239.04	26.38	76.41	1,197.09	-623.90	9,053.16	8,963.72	89.43	101.230	
17,300.00	7,780.00	7,354.00	7,308.90	241.69	26.38	76.41	1,197.09	-623.90	9,150.90	9,061.42	89.48	102.272	
17,400.00	7,780.00	7,354.00	7,308.90	244.35	26.38	76.41	1,197.09	-623.90	9,248.69	9,159.17	89.52	103.313	
17,500.00	7,780.00	7,354.00	7,308.90	247.00	26.38	76.41	1,197.09	-623.90	9,346.52	9,256.96	89.57	104.355	
17,600.00	7,780.00	7,354.00	7,308.90	249.66	26.38	76.41	1,197.09	-623.90	9,444.40	9,354.79	89.61	105.395	
17,700.00	7,780.00	7,354.00	7,308.90	252.32	26.38	76.41	1,197.09	-623.90	9,542.33	9,452.67	89.65	106.435	
17,800.00	7,780.00	7,354.00	7,308.90	254.98	26.38	76.41	1,197.09	-623.90	9,640.30	9,550.60	89.70	107.475	
17,900.00	7,780.00	7,354.00	7,308.90	257.64	26.38	76.41	1,197.09	-623.90	9,738.30	9,648.56	89.74	108.514	
18,000.00	7,780.00	7,354.00	7,308.90	260.30	26.38	76.41	1,197.09	-623.90	9,836.35	9,746.57	89.79	109.552	
18,100.00	7,780.00	7,354.00	7,308.90	262.96	26.38	76.41	1,197.09	-623.90	9,934.44	9,844.61	89.83	110.589	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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' @ 5656.11usft

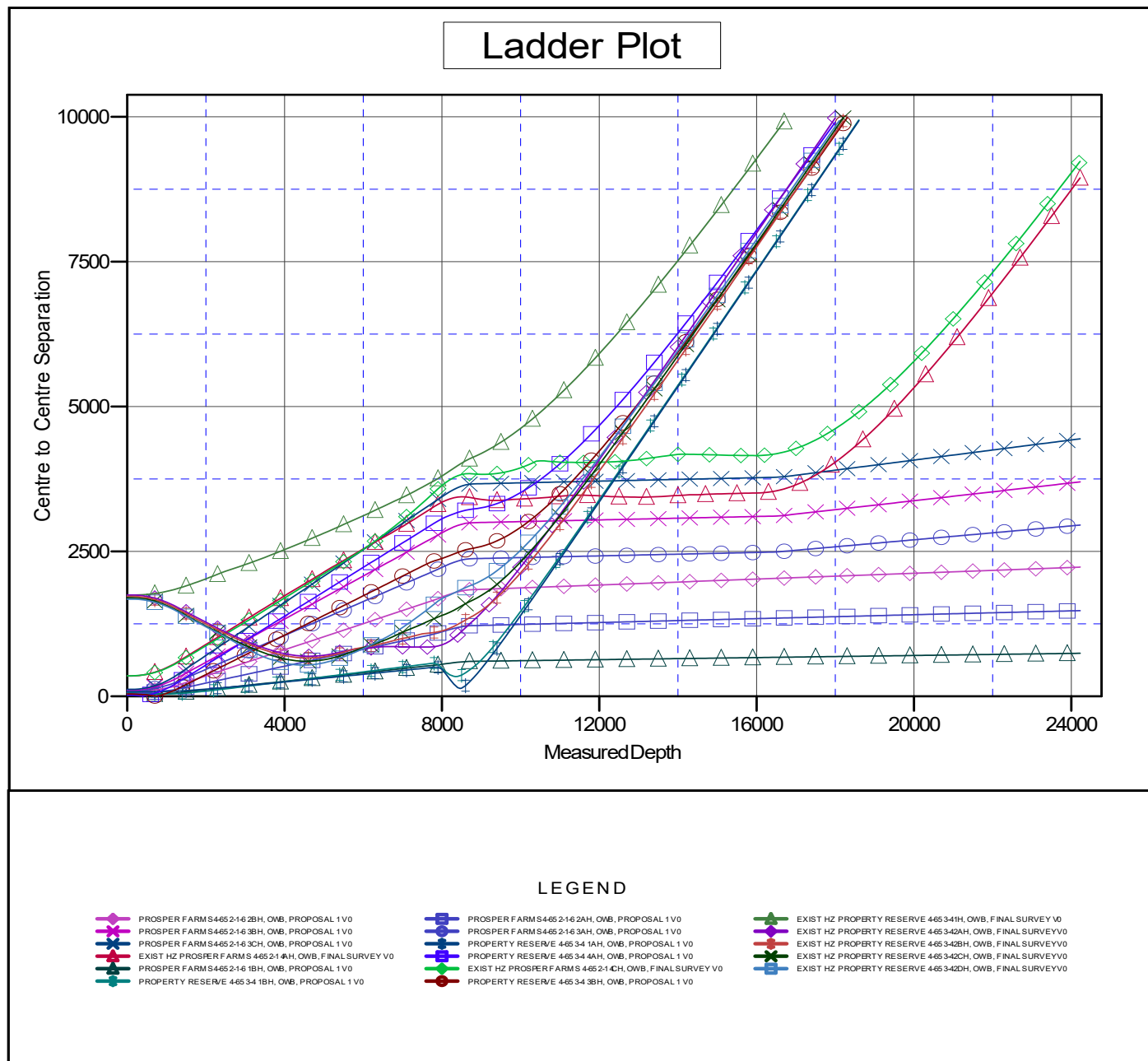
Offset Depths are relative to Offset Datum

Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 2-1-6 1AH

Coordinate System is US State Plane 1983, Colorado Central Zone

Grid Convergence at Surface is: 0.54°



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

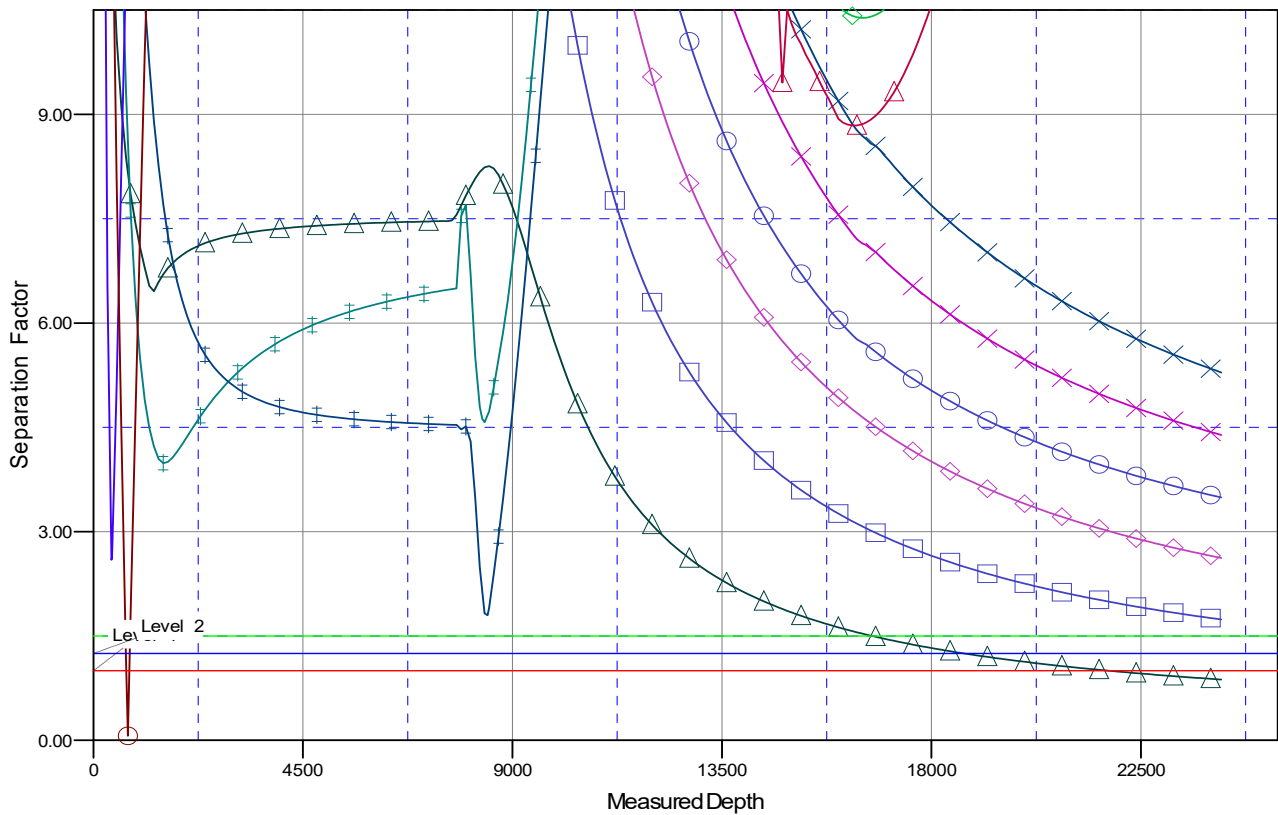
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1AH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.11usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.11usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1AH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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' @ 5656.11usft
 Offset Depths are relative to Offset Datum
 Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 2-1-6 1AH
 Coordinate System is US State Plane 1983, Colorado Central Zone
 Grid Convergence at Surface is: 0.54°

Separation Factor Plot



LEGEND

PROSPER FARMS 4-65 2-1-6 2BH, OWB, PROPOSAL 1 V0	PROSPER FARM S4-65 2-1-6 2AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 4-65 3-4 1H, OWB, FINAL SURVEY V0
PROSPER FARMS 4-65 2-1-6 3BH, OWB, PROPOSAL 1 V0	PROSPER FARM S4-65 2-1-6 3AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH, OWB, FINAL SURVEY V0
PROSPER FARMS 4-65 2-1-6 3CH, OWB, PROPOSAL 1 V0	PROPERTY RESERVE 4-65 3-4 1AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH, OWB, FINAL SURVEY V0
EXIST HZ PROSPER FARMS 4-65 2-1-6 1AH, OWB, FINAL SURVEY V0	PROPERTY RESERVE 4-65 3-4 4AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH, OWB, FINAL SURVEY V0
PROSPER FARMS 4-65 2-1-6 1BH, OWB, PROPOSAL 1 V0	EXIST HZ PROSPER FARMS 4-65 2-1-6 1CH, OWB, FINAL SURVEY V0	EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH, OWB, FINAL SURVEY V0
PROPERTY RESERVE 4-65 3-4 1BH, OWB, PROPOSAL 1 V0	PROPERTY RESERVE 4-65 3-4 3BH, OWB, PROPOSAL 1 V0	