

CRESTONE PEAK RESOURCES

**ARAPAHOE COUNTY
SEC 2-T4S-R65W
PROSPER FARMS 4-65 2-1-6 3CH**

**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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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	23,669.75	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	1,846.76	1,864.07	204.23	191.00	15.443	CC
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	15,400.00	14,466.89	263.93	-127.20	0.675	Level 1, ES, SF
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	2,004.78	2,021.90	177.27	162.92	12.351	CC
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	15,411.14	14,623.71	381.91	-10.39	0.974	Level 1, ES, SF
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	100.00	100.10	199.99	199.72	743.473	CC, ES
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	10,700.00	6,765.37	4,347.74	4,251.53	45.188	SF
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	200.00	200.20	179.95	178.96	182.410	CC, ES
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	10,200.00	7,002.18	3,735.25	3,647.29	42.463	SF
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	200.00	200.30	160.28	159.29	162.411	CC, ES
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	7,769.34	7,748.60	1,122.28	1,063.50	19.094	SF
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	827.80	830.60	129.65	124.13	23.481	CC
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	900.00	902.80	129.90	123.87	21.530	ES
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	7,837.42	7,774.17	435.72	376.91	7.409	SF
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	100.00	99.40	120.21	119.94	448.466	CC, ES
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	23,669.75	24,214.36	4,460.10	3,607.42	5.231	SF
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	200.00	199.50	100.17	99.19	101.803	CC, ES
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	23,669.75	24,092.24	3,720.95	2,868.04	4.363	SF
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	300.00	299.60	80.14	78.44	47.105	CC, ES
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	23,669.75	23,860.23	2,980.45	2,127.15	3.493	SF
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	400.00	399.70	60.11	57.69	24.851	CC, ES
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	23,669.75	23,805.89	2,231.53	1,378.62	2.616	SF
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	500.00	499.80	40.07	36.93	12.778	CC, ES
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	23,600.00	23,675.42	1,495.42	643.12	1.755	SF
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	600.00	599.90	20.04	16.19	5.201	CC
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	23,600.00	23,702.15	750.51	-98.05	0.884	Level 1, ES, SF

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Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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 -	7,288.41	7,280.00	644.38	592.50	12.421	CC, ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	7,300.00	7,286.54	644.47	592.51	12.404	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	2,775.29	2,738.17	1,829.82	1,809.70	90.915	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	3,400.00	3,356.23	1,832.50	1,807.54	73.424	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	6,500.00	6,063.71	2,081.82	2,035.08	44.539	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	2,583.24	2,547.83	1,810.22	1,791.48	96.581	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	3,200.00	3,157.03	1,812.50	1,789.04	77.249	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	9,000.00	7,259.00	2,634.48	2,569.41	40.483	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	2,183.41	2,151.20	1,787.09	1,771.46	114.359	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	2,900.00	2,860.09	1,790.04	1,768.86	84.523	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	7,700.00	7,490.37	2,083.13	2,026.72	36.928	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	3,255.18	3,244.23	1,756.16	1,732.17	73.205	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	7,200.00	7,301.14	1,758.86	1,704.23	32.193	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	7,500.00	7,414.48	1,769.91	1,714.17	31.755	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	27.09	27.09	0.00	0.03	-179.06	-230.62	-3.78	230.65				
100.00	100.00	125.88	125.86	0.13	0.30	-178.55	-231.25	-5.83	231.33	230.90	0.43	539.211	
200.00	200.00	225.96	225.90	0.49	0.66	-177.95	-232.00	-8.30	232.15	231.01	1.15	202.272	
300.00	300.00	326.04	325.95	0.85	1.02	-177.35	-232.70	-10.75	232.96	231.09	1.87	124.769	
400.00	400.00	426.11	425.99	1.21	1.38	-176.78	-233.35	-13.12	233.73	231.14	2.59	90.367	
500.00	500.00	525.98	525.83	1.57	1.74	-176.22	-234.03	-15.45	234.54	231.24	3.30	70.967	
600.00	600.00	626.00	625.82	1.93	2.10	-175.63	-234.68	-17.95	235.37	231.35	4.02	58.490	
700.00	700.00	725.99	725.77	2.29	2.46	-175.05	-235.33	-20.39	236.23	231.48	4.74	49.803	
800.00	799.98	825.97	825.72	2.63	2.82	-166.55	-235.97	-22.89	236.12	230.67	5.45	43.324	
900.00	899.84	925.46	925.18	2.97	3.18	-57.09	-236.69	-25.23	234.18	228.03	6.15	38.081	
1,000.00	999.45	1,023.91	1,023.61	3.32	3.54	-58.50	-237.81	-27.09	230.79	223.94	6.85	33.687	
1,100.00	1,098.70	1,122.95	1,122.63	3.69	3.89	-61.04	-239.46	-27.77	226.32	218.75	7.56	29.926	
1,200.00	1,197.68	1,222.80	1,222.46	4.07	4.24	-64.10	-241.03	-28.51	221.26	212.96	8.29	26.678	
1,300.00	1,296.65	1,322.14	1,321.79	4.46	4.59	-67.22	-242.37	-29.44	216.61	207.58	9.04	23.973	
1,400.00	1,395.63	1,421.35	1,420.98	4.86	4.95	-70.46	-243.66	-30.38	212.60	202.81	9.79	21.720	
1,500.00	1,494.60	1,520.38	1,520.01	5.27	5.30	-73.79	-244.99	-31.38	209.33	198.78	10.55	19.844	
1,600.00	1,593.58	1,619.45	1,619.06	5.67	5.66	-77.24	-246.38	-32.29	206.87	195.56	11.32	18.282	
1,700.00	1,692.55	1,718.68	1,718.28	6.09	6.01	-80.81	-247.69	-33.01	205.18	193.09	12.09	16.974	
1,800.00	1,791.53	1,817.75	1,817.34	6.50	6.37	-84.46	-248.97	-33.61	204.33	191.46	12.86	15.886	
1,846.76	1,837.81	1,864.07	1,863.65	6.70	6.53	-86.18	-249.56	-33.87	204.23	191.00	13.22	15.443	CC
1,900.00	1,890.50	1,916.80	1,916.38	6.92	6.72	-88.13	-250.25	-34.15	204.36	190.72	13.64	14.985	
2,000.00	1,989.48	2,015.92	2,015.49	7.34	7.07	-91.79	-251.56	-34.68	205.27	190.85	14.41	14.242	
2,100.00	2,088.45	2,115.11	2,114.67	7.76	7.43	-95.43	-252.80	-35.15	206.99	191.81	15.19	13.631	
2,200.00	2,187.43	2,214.55	2,214.10	8.19	7.78	-98.99	-254.04	-35.73	209.49	193.54	15.96	13.128	
2,300.00	2,286.40	2,313.91	2,313.44	8.61	8.14	-102.20	-255.68	-37.16	212.52	195.79	16.73	12.705	
2,400.00	2,385.38	2,412.14	2,411.64	9.04	8.49	-105.37	-257.26	-38.13	216.49	199.01	17.49	12.381	
2,500.00	2,484.35	2,510.76	2,510.25	9.46	8.85	-108.35	-259.34	-39.06	221.50	203.26	18.24	12.142	
2,600.00	2,583.32	2,606.77	2,606.24	9.89	9.18	-111.41	-260.77	-38.86	227.57	208.60	18.97	11.999	
2,700.00	2,682.30	2,702.63	2,702.04	10.32	9.51	-114.71	-262.13	-35.97	236.45	216.79	19.66	12.026	

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
2,800.00	2,781.27	2,802.69	2,802.06	10.75	9.84	-117.95	-263.23	-33.03	245.91	225.53	20.38	12.067		
2,900.00	2,880.25	2,902.02	2,901.35	11.18	10.18	-120.87	-264.36	-30.54	255.72	234.64	21.09	12.127		
3,000.00	2,979.22	3,001.29	3,000.58	11.61	10.51	-123.55	-265.47	-28.30	265.92	244.12	21.79	12.201		
3,100.00	3,078.20	3,097.98	3,097.24	12.04	10.84	-125.96	-266.63	-26.05	276.75	254.27	22.48	12.310		
3,200.00	3,177.17	3,193.97	3,193.17	12.47	11.17	-128.32	-267.48	-22.56	289.11	265.96	23.15	12.486		
3,300.00	3,276.15	3,291.47	3,290.56	12.90	11.49	-130.74	-267.51	-18.04	302.58	278.75	23.83	12.697		
3,400.00	3,375.12	3,391.53	3,390.51	13.33	11.83	-133.00	-267.53	-13.54	316.42	291.90	24.53	12.901		
3,500.00	3,474.10	3,491.45	3,490.36	13.76	12.17	-135.01	-267.70	-9.75	330.07	304.84	25.23	13.084		
3,600.00	3,573.07	3,591.61	3,590.47	14.19	12.51	-136.82	-267.98	-6.43	343.64	317.71	25.93	13.253		
3,700.00	3,672.05	3,691.82	3,690.64	14.62	12.85	-138.49	-268.19	-3.60	357.04	330.41	26.63	13.406		
3,800.00	3,771.02	3,792.02	3,790.81	15.05	13.20	-139.99	-268.60	-1.26	370.27	342.93	27.34	13.543		
3,900.00	3,870.00	3,890.99	3,889.75	15.49	13.54	-141.33	-269.21	0.77	383.49	355.45	28.04	13.676		
4,000.00	3,968.97	3,989.02	3,987.76	15.92	13.88	-142.78	-268.42	3.09	396.99	368.26	28.73	13.820		
4,100.00	4,067.94	4,090.42	4,089.11	16.35	14.22	-144.29	-266.72	5.30	410.44	381.01	29.43	13.948		
4,200.00	4,166.92	4,191.11	4,189.79	16.78	14.56	-145.60	-265.69	6.83	423.57	393.44	30.13	14.059		
4,300.00	4,265.89	4,292.07	4,290.75	17.22	14.91	-146.79	-264.97	7.79	436.35	405.52	30.83	14.153		
4,400.00	4,364.87	4,391.87	4,390.53	17.65	15.25	-147.88	-264.38	8.40	448.98	417.45	31.53	14.239		
4,500.00	4,463.84	4,493.35	4,492.02	18.08	15.60	-148.82	-264.52	8.71	461.48	429.23	32.25	14.309		
4,600.00	4,562.82	4,593.15	4,591.81	18.51	15.96	-149.61	-265.46	8.25	473.37	440.40	32.97	14.358		
4,700.00	4,661.79	4,689.02	4,687.68	18.95	16.30	-150.34	-266.23	8.36	485.89	452.23	33.66	14.435		
4,800.00	4,760.77	4,789.56	4,788.22	19.38	16.65	-151.13	-266.52	8.75	498.78	464.41	34.38	14.509		
4,900.00	4,859.74	4,890.28	4,888.92	19.81	16.99	-152.07	-265.14	8.53	511.15	476.07	35.08	14.571		
5,000.00	4,958.72	4,989.51	4,988.14	20.25	17.33	-153.00	-263.40	8.22	523.58	487.81	35.77	14.638		
5,100.00	5,057.69	5,087.01	5,085.63	20.68	17.66	-153.82	-262.06	7.96	536.16	499.71	36.45	14.709		
5,200.00	5,156.67	5,182.84	5,181.45	21.12	17.99	-154.57	-260.97	8.14	549.28	512.16	37.12	14.796		
5,300.00	5,255.64	5,277.47	5,276.07	21.55	18.31	-155.30	-259.63	8.92	563.14	525.36	37.79	14.903		
5,400.00	5,354.62	5,375.75	5,374.32	21.98	18.65	-156.07	-257.77	10.20	577.62	539.14	38.47	15.013		
5,500.00	5,453.59	5,474.88	5,473.43	22.42	18.99	-156.79	-256.04	11.41	592.08	552.91	39.17	15.115		
5,600.00	5,552.56	5,574.85	5,573.38	22.85	19.34	-157.47	-254.40	12.51	606.51	566.64	39.87	15.210		
5,700.00	5,651.54	5,674.89	5,673.39	23.28	19.68	-158.16	-252.36	13.34	620.80	580.22	40.58	15.299		
5,800.00	5,750.51	5,773.66	5,772.14	23.72	20.02	-158.84	-250.07	14.01	635.06	593.78	41.27	15.387		
5,900.00	5,849.49	5,873.39	5,871.84	24.15	20.36	-159.47	-248.05	14.67	649.33	607.36	41.97	15.470		
6,000.00	5,948.46	5,975.88	5,974.32	24.59	20.72	-160.10	-245.90	14.90	663.27	620.58	42.70	15.535		
6,100.00	6,047.44	6,074.83	6,073.22	25.02	21.06	-160.76	-242.93	14.75	677.06	633.66	43.39	15.604		
6,200.00	6,146.41	6,171.49	6,169.81	25.45	21.40	-161.45	-239.25	14.38	690.84	646.77	44.07	15.676		
6,300.00	6,245.39	6,255.83	6,254.09	25.89	21.69	-162.00	-236.23	15.28	706.09	661.43	44.66	15.811		
6,400.00	6,344.36	6,341.49	6,339.65	26.32	21.99	-162.48	-233.46	17.89	723.27	678.02	45.25	15.984		
6,500.00	6,443.34	6,431.81	6,429.84	26.76	22.30	-162.96	-230.51	21.94	741.89	696.01	45.88	16.171		
6,600.00	6,542.31	6,517.27	6,515.11	27.19	22.60	-163.35	-227.92	26.96	761.87	715.41	46.45	16.400		
6,700.00	6,641.29	6,605.49	6,603.06	27.63	22.92	-163.65	-226.13	33.67	783.32	736.26	47.06	16.645		
6,800.00	6,740.26	6,693.76	6,690.96	28.06	23.23	-163.85	-225.22	41.60	805.91	758.24	47.67	16.907		
6,900.00	6,839.24	6,779.78	6,776.53	28.50	23.53	-164.01	-224.50	50.43	829.69	781.45	48.25	17.197		
7,000.00	6,938.21	6,862.36	6,858.53	28.93	23.83	-164.15	-223.59	60.11	854.93	806.15	48.78	17.526		
7,100.00	7,037.18	6,937.61	6,933.08	29.36	24.10	-164.30	-222.11	70.24	882.04	832.82	49.22	17.921		
7,200.00	7,136.16	7,005.58	7,000.10	29.80	24.35	-164.38	-220.95	81.48	911.97	862.42	49.54	18.408		
7,300.00	7,235.71	7,087.04	7,080.08	30.16	24.65	-68.85	-219.45	96.85	936.08	886.08	50.00	18.721		
7,400.00	7,334.44	7,169.65	7,160.93	30.38	24.95	-30.96	-217.14	113.66	945.19	894.81	50.38	18.760		
7,500.00	7,429.33	7,266.31	7,255.29	30.53	25.32	-24.54	-213.50	134.27	938.66	887.74	50.93	18.431		
7,600.00	7,517.51	7,363.68	7,350.39	30.60	25.69	-23.33	-210.24	154.96	915.52	864.05	51.47	17.787		
7,700.00	7,596.31	7,412.00	7,397.50	30.64	25.88	-23.70	-208.97	165.59	878.05	826.83	51.22	17.143		
7,800.00	7,663.31	7,459.44	7,443.15	30.67	26.07	-25.55	-207.77	178.39	830.25	779.34	50.90	16.310		
7,900.00	7,716.50	7,507.00	7,487.86	30.73	26.26	-29.05	-206.04	194.50	774.12	723.48	50.64	15.286		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,000.00	7,754.25	7,507.00	7,487.86	30.89	26.26	-32.41	-206.04	194.50	710.45	661.24	49.20	14.439		
8,100.00	7,775.41	7,552.21	7,528.98	31.21	26.46	-40.14	-203.90	213.13	639.74	590.49	49.26	12.988		
8,200.00	7,780.00	7,576.65	7,550.49	31.71	26.57	-47.46	-202.53	224.66	565.38	516.24	49.14	11.506		
8,300.00	7,780.00	7,601.00	7,571.35	32.46	26.67	-50.02	-201.04	237.12	494.70	445.30	49.40	10.015		
8,400.00	7,780.00	7,638.08	7,602.00	33.45	26.86	-54.13	-198.71	257.84	431.84	381.04	50.80	8.501		
8,500.00	7,780.00	7,679.57	7,634.64	34.65	27.07	-58.93	-196.23	283.33	379.21	325.90	53.31	7.113		
8,600.00	7,780.00	7,730.13	7,671.78	36.03	27.36	-64.92	-193.46	317.49	339.43	282.25	57.19	5.936		
8,700.00	7,780.00	7,792.29	7,713.02	37.56	27.73	-72.13	-190.62	363.87	314.10	252.24	61.87	5.077		
8,800.00	7,780.00	7,882.75	7,762.86	39.22	28.39	-81.34	-190.43	439.20	300.21	233.64	66.57	4.510		
8,900.00	7,780.00	7,981.54	7,803.45	40.99	29.27	-89.14	-196.05	528.99	291.40	221.24	70.15	4.154		
9,000.00	7,780.00	8,068.87	7,830.29	42.86	30.20	-94.50	-201.60	611.88	286.88	213.89	72.99	3.930		
9,100.00	7,780.00	8,165.76	7,849.45	44.82	31.38	-98.37	-205.53	706.68	286.20	210.48	75.73	3.779		
9,200.00	7,780.00	8,270.08	7,852.93	46.84	32.81	-99.09	-207.77	810.81	285.78	206.74	79.04	3.616		
9,300.00	7,780.00	8,374.10	7,849.31	48.94	34.39	-98.43	-211.07	914.71	283.29	200.52	82.77	3.423		
9,400.00	7,780.00	8,473.12	7,846.40	51.09	36.02	-97.92	-214.66	1,013.62	280.46	193.87	86.59	3.239		
9,500.00	7,780.00	8,571.07	7,845.74	53.29	37.76	-97.84	-217.94	1,111.51	278.25	187.75	90.50	3.075		
9,600.00	7,780.00	8,673.29	7,845.13	55.53	39.67	-97.78	-221.35	1,213.68	276.05	181.42	94.63	2.917		
9,700.00	7,780.00	8,773.99	7,844.32	57.81	41.66	-97.69	-225.28	1,314.29	273.26	174.38	98.88	2.764		
9,800.00	7,780.00	8,874.66	7,843.70	60.13	43.73	-97.64	-229.38	1,414.88	270.33	167.10	103.22	2.619		
9,900.00	7,780.00	8,979.22	7,841.98	62.48	45.94	-97.39	-234.69	1,519.29	266.26	158.48	107.77	2.471		
10,000.00	7,780.00	9,081.67	7,838.58	64.85	48.17	-96.80	-241.25	1,621.47	260.68	148.25	112.43	2.319		
10,100.00	7,780.00	9,178.95	7,836.10	67.25	50.34	-96.38	-247.67	1,718.51	255.02	137.95	117.07	2.178		
10,200.00	7,780.00	9,274.29	7,835.04	69.67	52.51	-96.23	-252.31	1,813.72	251.24	129.57	121.67	2.065		
10,300.00	7,780.00	9,376.40	7,834.53	72.11	54.87	-96.19	-256.58	1,915.74	248.23	121.79	126.44	1.963		
10,400.00	7,780.00	9,477.27	7,832.77	74.56	57.23	-95.89	-262.41	2,016.42	243.48	112.20	131.28	1.855		
10,500.00	7,780.00	9,574.37	7,832.96	77.04	59.54	-96.02	-267.07	2,113.41	239.92	103.89	136.02	1.764		
10,600.00	7,780.00	9,672.39	7,832.80	79.52	61.89	-96.05	-270.97	2,211.36	237.14	96.31	140.83	1.684		
10,700.00	7,780.00	9,770.17	7,831.65	82.02	64.26	-95.82	-273.84	2,309.08	235.28	89.57	145.71	1.615		
10,800.00	7,780.00	9,869.16	7,829.97	84.54	66.68	-95.43	-275.95	2,408.04	234.19	83.49	150.69	1.554		
10,849.56	7,780.00	9,916.48	7,828.98	85.79	67.84	-95.20	-276.78	2,455.34	233.82	80.71	153.11	1.527		
10,900.00	7,780.00	9,961.73	7,828.48	87.06	68.95	-95.07	-276.78	2,500.58	234.38	78.97	155.41	1.508		
11,000.00	7,780.00	10,062.55	7,828.13	89.59	71.44	-94.92	-275.06	2,601.39	237.25	76.78	160.46	1.479 Level 3		
11,100.00	7,780.00	10,156.81	7,826.92	92.14	73.78	-94.58	-273.80	2,695.63	239.71	74.50	165.21	1.451 Level 3		
11,200.00	7,780.00	10,256.42	7,826.66	94.69	76.26	-94.43	-270.14	2,795.17	244.54	74.30	170.24	1.436 Level 3		
11,300.00	7,780.00	10,357.65	7,825.32	97.24	78.80	-94.05	-267.14	2,896.35	248.58	73.14	175.44	1.417 Level 3		
11,400.00	7,780.00	10,457.82	7,822.95	99.81	81.32	-93.45	-264.38	2,996.45	252.38	71.75	180.63	1.397 Level 3		
11,500.00	7,780.00	10,559.25	7,820.50	102.38	83.89	-92.85	-261.90	3,097.81	255.89	70.00	185.89	1.377 Level 3		
11,600.00	7,780.00	10,650.16	7,820.69	104.96	86.19	-92.84	-258.50	3,188.66	260.83	70.46	190.37	1.370 Level 3		
11,700.00	7,780.00	10,749.72	7,822.99	107.55	88.72	-93.26	-253.04	3,288.04	267.62	72.23	195.39	1.370 Level 3		
11,800.00	7,780.00	10,854.15	7,825.58	110.14	91.38	-93.73	-248.07	3,392.31	273.73	72.95	200.78	1.363 Level 3		
11,900.00	7,780.00	10,958.19	7,827.29	112.73	94.05	-94.03	-245.26	3,496.30	277.71	71.58	206.13	1.347 Level 3		
12,000.00	7,780.00	11,059.16	7,828.74	115.33	96.65	-94.28	-243.07	3,597.23	281.18	69.89	211.29	1.331 Level 3		
12,100.00	7,780.00	11,160.34	7,830.02	117.93	99.26	-94.49	-241.38	3,698.40	284.13	67.66	216.47	1.313 Level 3		
12,200.00	7,780.00	11,260.19	7,830.94	120.54	101.84	-94.63	-239.91	3,798.23	286.88	65.27	221.60	1.295 Level 3		
12,300.00	7,780.00	11,360.63	7,831.33	123.15	104.44	-94.66	-238.33	3,898.65	289.67	62.86	226.81	1.277 Level 3		
12,400.00	7,780.00	11,461.82	7,830.20	125.77	107.07	-94.40	-236.95	3,999.83	292.13	59.99	232.13	1.258 Level 3		
12,500.00	7,780.00	11,565.48	7,828.41	128.39	109.76	-94.02	-236.32	4,103.47	293.80	56.20	237.61	1.237 Level 2		
12,600.00	7,780.00	11,669.51	7,826.76	131.01	112.48	-93.70	-237.14	4,207.49	294.11	51.06	243.05	1.210 Level 2		
12,700.00	7,780.00	11,772.03	7,826.30	133.63	115.16	-93.62	-239.22	4,309.98	293.25	44.88	248.37	1.181 Level 2		
12,800.00	7,780.00	11,872.19	7,827.18	136.26	117.78	-93.81	-241.63	4,410.11	292.10	38.54	253.56	1.152 Level 2		
12,900.00	7,780.00	11,976.72	7,827.54	138.89	120.53	-93.91	-245.03	4,514.58	290.08	31.22	258.86	1.121 Level 2		
13,000.00	7,780.00	12,080.62	7,826.26	141.52	123.25	-93.70	-250.05	4,618.35	286.36	22.18	264.17	1.084 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
13,100.00	7,780.00	12,177.04	7,824.86	144.16	125.79	-93.47	-255.05	4,714.63	282.31	12.83	269.48	1.048	Level 2	
13,200.00	7,780.00	12,272.39	7,825.57	146.79	128.30	-93.63	-257.78	4,809.94	280.66	6.04	274.62	1.022	Level 2	
13,300.00	7,780.00	12,374.37	7,826.28	149.43	130.99	-93.80	-260.88	4,911.87	278.87	-1.01	279.88	0.996	Level 1	
13,400.00	7,780.00	12,475.99	7,826.88	152.07	133.67	-93.96	-264.46	5,013.42	276.59	-8.53	285.12	0.970	Level 1	
13,500.00	7,780.00	12,578.55	7,826.03	154.72	136.38	-93.83	-268.81	5,115.88	273.49	-16.95	290.45	0.942	Level 1	
13,600.00	7,780.00	12,673.90	7,823.48	157.36	138.90	-93.33	-272.83	5,211.11	270.34	-25.48	295.82	0.914	Level 1	
13,664.77	7,780.00	12,733.60	7,822.43	159.08	140.47	-93.11	-274.05	5,270.78	269.73	-29.42	299.15	0.902	Level 1	
13,700.00	7,780.00	12,766.11	7,822.15	160.01	141.33	-93.05	-274.26	5,303.29	269.91	-31.00	300.91	0.897	Level 1	
13,800.00	7,780.00	12,865.46	7,822.19	162.66	143.96	-93.04	-273.84	5,402.64	271.52	-34.65	306.16	0.887	Level 1	
13,900.00	7,780.00	12,973.11	7,821.51	165.31	146.81	-92.90	-275.06	5,510.28	271.57	-40.20	311.76	0.871	Level 1	
14,000.00	7,780.00	13,077.45	7,818.50	167.96	149.57	-92.28	-278.78	5,614.50	269.07	-48.17	317.24	0.848	Level 1	
14,100.00	7,780.00	13,173.25	7,816.23	170.61	152.11	-91.81	-282.20	5,710.21	266.61	-55.96	322.57	0.827	Level 1	
14,200.00	7,780.00	13,272.48	7,815.53	173.26	154.74	-91.67	-284.78	5,809.41	265.19	-62.69	327.88	0.809	Level 1	
14,300.00	7,780.00	13,369.68	7,814.90	175.92	157.32	-91.54	-286.68	5,906.58	264.41	-68.71	333.13	0.794	Level 1	
14,330.67	7,780.00	13,399.67	7,814.70	176.73	158.12	-91.50	-287.07	5,936.57	264.37	-70.36	334.73	0.790	Level 1	
14,400.00	7,780.00	13,467.58	7,814.30	178.58	159.92	-91.41	-287.68	6,004.48	264.57	-73.79	338.37	0.782	Level 1	
14,500.00	7,780.00	13,567.39	7,813.39	181.23	162.57	-91.21	-288.21	6,104.28	265.22	-78.47	343.69	0.772	Level 1	
14,600.00	7,780.00	13,669.67	7,810.86	183.89	165.28	-90.66	-289.33	6,206.52	265.28	-83.86	349.14	0.760	Level 1	
14,700.00	7,780.00	13,769.44	7,808.35	186.55	167.94	-90.12	-290.59	6,306.26	265.20	-89.27	354.47	0.748	Level 1	
14,800.00	7,780.00	13,870.82	7,805.89	189.21	170.63	-89.59	-292.27	6,407.59	264.74	-95.08	359.82	0.736	Level 1	
14,900.00	7,780.00	13,970.63	7,803.10	191.88	173.29	-88.98	-294.17	6,507.34	264.07	-101.01	365.09	0.723	Level 1	
15,000.00	7,780.00	14,069.78	7,800.52	194.54	175.92	-88.42	-295.79	6,606.45	263.70	-106.60	370.30	0.712	Level 1	
15,100.00	7,780.00	14,169.89	7,798.22	197.20	178.59	-87.92	-297.23	6,706.52	263.53	-112.01	375.53	0.702	Level 1	
15,200.00	7,780.00	14,269.93	7,796.46	199.87	181.25	-87.53	-298.83	6,806.53	263.19	-117.57	380.76	0.691	Level 1	
15,258.44	7,780.00	14,327.68	7,795.70	201.42	182.79	-87.37	-299.66	6,864.26	263.09	-120.71	383.81	0.685	Level 1	
15,300.00	7,780.00	14,368.22	7,795.20	202.53	183.87	-87.26	-300.09	6,904.80	263.17	-122.77	385.94	0.682	Level 1	
15,400.00	7,780.00	14,466.89	7,794.03	205.20	186.50	-87.01	-300.58	7,003.47	263.93	-127.20	391.13	0.675	Level 1, ES, SF	
15,500.00	7,780.00	14,488.00	7,793.77	207.86	187.06	-86.96	-300.66	7,024.57	276.32	-100.10	376.43	0.734	Level 1	
15,600.00	7,780.00	14,488.00	7,793.77	210.53	187.06	-86.96	-300.66	7,024.57	320.32	-7.03	327.35	0.979	Level 1	
15,700.00	7,780.00	14,488.00	7,793.77	213.20	187.06	-86.96	-300.66	7,024.57	385.81	110.98	274.83	1.404	Level 3	
15,800.00	7,780.00	14,488.00	7,793.77	215.87	187.06	-86.88	-300.66	7,024.57	464.10	231.92	232.19	1.999		
15,900.00	7,780.00	14,488.00	7,793.77	218.54	187.06	-86.68	-300.66	7,024.57	550.95	349.49	201.46	2.735		
16,000.00	7,780.00	14,488.00	7,793.77	221.22	187.06	-86.54	-300.66	7,024.57	642.80	462.91	179.89	3.573		
16,100.00	7,780.00	14,488.00	7,793.77	223.89	187.06	-86.54	-300.66	7,024.57	736.91	573.20	163.71	4.501		
16,200.00	7,780.00	14,488.00	7,793.77	226.57	187.06	-86.54	-300.66	7,024.57	832.40	681.23	151.17	5.506		
16,300.00	7,780.00	14,488.00	7,793.77	229.24	187.06	-86.54	-300.66	7,024.57	928.84	787.60	141.24	6.576		
16,400.00	7,780.00	14,488.00	7,793.77	231.92	187.06	-86.54	-300.66	7,024.57	1,025.96	892.73	133.23	7.701		
16,500.00	7,780.00	14,488.00	7,793.77	234.60	187.06	-86.54	-300.66	7,024.57	1,123.58	996.92	126.66	8.871		
16,600.00	7,780.00	14,488.00	7,793.77	237.28	187.06	-86.54	-300.66	7,024.57	1,221.59	1,100.39	121.20	10.079		
16,700.00	7,780.00	14,488.00	7,793.77	239.96	187.06	-86.54	-300.66	7,024.57	1,319.90	1,203.29	116.61	11.319		
16,800.00	7,780.00	14,488.00	7,793.77	242.64	187.06	-86.54	-300.66	7,024.57	1,418.45	1,305.74	112.70	12.586		
16,900.00	7,780.00	14,488.00	7,793.77	245.32	187.06	-86.54	-300.66	7,024.57	1,517.18	1,407.83	109.35	13.875		
17,000.00	7,780.00	14,488.00	7,793.77	248.00	187.06	-86.54	-300.66	7,024.57	1,616.07	1,509.63	106.44	15.183		
17,100.00	7,780.00	14,488.00	7,793.77	250.68	187.06	-86.54	-300.66	7,024.57	1,715.09	1,611.19	103.91	16.506		
17,200.00	7,780.00	14,488.00	7,793.77	253.36	187.06	-86.54	-300.66	7,024.57	1,814.22	1,712.54	101.68	17.843		
17,300.00	7,780.00	14,488.00	7,793.77	256.04	187.06	-86.54	-300.66	7,024.57	1,913.44	1,813.73	99.71	19.190		
17,400.00	7,780.00	14,488.00	7,793.77	258.72	187.06	-86.54	-300.66	7,024.57	2,012.73	1,914.77	97.96	20.547		
17,500.00	7,780.00	14,488.00	7,793.77	261.41	187.06	-86.54	-300.66	7,024.57	2,112.09	2,015.70	96.40	21.910		
17,600.00	7,780.00	14,488.00	7,793.77	264.09	187.06	-86.54	-300.66	7,024.57	2,211.51	2,116.52	95.00	23.280		
17,700.00	7,780.00	14,488.00	7,793.77	266.77	187.06	-86.54	-300.66	7,024.57	2,310.98	2,217.25	93.73	24.655		
17,800.00	7,780.00	14,488.00	7,793.77	269.46	187.06	-86.54	-300.66	7,024.57	2,410.50	2,317.90	92.59	26.033		
17,900.00	7,780.00	14,488.00	7,793.77	272.14	187.06	-86.54	-300.66	7,024.57	2,510.05	2,418.49	91.56	27.415		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
18,000.00	7,780.00	14,488.00	7,793.77	274.83	187.06	-86.54	-300.66	7,024.57	2,609.63	2,519.02	90.62	28.798		
18,100.00	7,780.00	14,488.00	7,793.77	277.51	187.06	-86.54	-300.66	7,024.57	2,709.25	2,619.49	89.76	30.183		
18,200.00	7,780.00	14,488.00	7,793.77	280.20	187.06	-86.54	-300.66	7,024.57	2,808.89	2,719.92	88.97	31.570		
18,300.00	7,780.00	14,488.00	7,793.77	282.89	187.06	-86.54	-300.66	7,024.57	2,908.56	2,820.31	88.25	32.957		
18,400.00	7,780.00	14,488.00	7,793.77	285.57	187.06	-86.54	-300.66	7,024.57	3,008.25	2,920.66	87.59	34.343		
18,500.00	7,780.00	14,488.00	7,793.77	288.26	187.06	-86.54	-300.66	7,024.57	3,107.96	3,020.98	86.98	35.730		
18,600.00	7,780.00	14,488.00	7,793.77	290.95	187.06	-86.54	-300.66	7,024.57	3,207.69	3,121.27	86.42	37.116		
18,700.00	7,780.00	14,488.00	7,793.77	293.64	187.06	-86.54	-300.66	7,024.57	3,307.44	3,221.53	85.90	38.501		
18,800.00	7,780.00	14,488.00	7,793.77	296.32	187.06	-86.54	-300.66	7,024.57	3,407.20	3,321.77	85.43	39.885		
18,900.00	7,780.00	14,488.00	7,793.77	299.01	187.06	-86.54	-300.66	7,024.57	3,506.97	3,421.99	84.98	41.268		
19,000.00	7,780.00	14,488.00	7,793.77	301.70	187.06	-86.54	-300.66	7,024.57	3,606.76	3,522.19	84.57	42.648		
19,100.00	7,780.00	14,488.00	7,793.77	304.39	187.06	-86.54	-300.66	7,024.57	3,706.55	3,622.37	84.19	44.028		
19,200.00	7,780.00	14,488.00	7,793.77	307.08	187.06	-86.54	-300.66	7,024.57	3,806.36	3,722.53	83.83	45.405		
19,300.00	7,780.00	14,488.00	7,793.77	309.77	187.06	-86.54	-300.66	7,024.57	3,906.18	3,822.68	83.50	46.780		
19,400.00	7,780.00	14,488.00	7,793.77	312.46	187.06	-86.54	-300.66	7,024.57	4,006.01	3,922.81	83.19	48.152		
19,500.00	7,780.00	14,488.00	7,793.77	315.15	187.06	-86.54	-300.66	7,024.57	4,105.84	4,022.93	82.91	49.523		
19,600.00	7,780.00	14,488.00	7,793.77	317.84	187.06	-86.54	-300.66	7,024.57	4,205.69	4,123.04	82.64	50.891		
19,700.00	7,780.00	14,488.00	7,793.77	320.53	187.06	-86.54	-300.66	7,024.57	4,305.54	4,223.14	82.39	52.256		
19,800.00	7,780.00	14,488.00	7,793.77	323.22	187.06	-86.54	-300.66	7,024.57	4,405.39	4,323.23	82.16	53.619		
19,900.00	7,780.00	14,488.00	7,793.77	325.91	187.06	-86.54	-300.66	7,024.57	4,505.26	4,423.31	81.95	54.978		
20,000.00	7,780.00	14,488.00	7,793.77	328.60	187.06	-86.54	-300.66	7,024.57	4,605.13	4,523.38	81.74	56.335		
20,100.00	7,780.00	14,488.00	7,793.77	331.30	187.06	-86.54	-300.66	7,024.57	4,705.00	4,623.44	81.56	57.690		
20,200.00	7,780.00	14,488.00	7,793.77	333.99	187.06	-86.54	-300.66	7,024.57	4,804.88	4,723.50	81.38	59.041		
20,300.00	7,780.00	14,488.00	7,793.77	336.68	187.06	-86.54	-300.66	7,024.57	4,904.77	4,823.55	81.22	60.389		
20,400.00	7,780.00	14,488.00	7,793.77	339.37	187.06	-86.54	-300.66	7,024.57	5,004.66	4,923.59	81.07	61.734		
20,500.00	7,780.00	14,488.00	7,793.77	342.07	187.06	-86.54	-300.66	7,024.57	5,104.55	5,023.62	80.93	63.076		
20,600.00	7,780.00	14,488.00	7,793.77	344.76	187.06	-86.54	-300.66	7,024.57	5,204.45	5,123.65	80.80	64.414		
20,700.00	7,780.00	14,488.00	7,793.77	347.45	187.06	-86.54	-300.66	7,024.57	5,304.35	5,223.68	80.68	65.750		
20,800.00	7,780.00	14,488.00	7,793.77	350.14	187.06	-86.54	-300.66	7,024.57	5,404.26	5,323.69	80.56	67.082		
20,900.00	7,780.00	14,488.00	7,793.77	352.84	187.06	-86.54	-300.66	7,024.57	5,504.17	5,423.71	80.46	68.410		
21,000.00	7,780.00	14,488.00	7,793.77	355.53	187.06	-86.54	-300.66	7,024.57	5,604.08	5,523.72	80.36	69.736		
21,100.00	7,780.00	14,488.00	7,793.77	358.22	187.06	-86.54	-300.66	7,024.57	5,703.99	5,623.72	80.27	71.058		
21,200.00	7,780.00	14,488.00	7,793.77	360.92	187.06	-86.54	-300.66	7,024.57	5,803.91	5,723.72	80.19	72.377		
21,300.00	7,780.00	14,488.00	7,793.77	363.61	187.06	-86.54	-300.66	7,024.57	5,903.83	5,823.72	80.12	73.692		
21,400.00	7,780.00	14,488.00	7,793.77	366.31	187.06	-86.54	-300.66	7,024.57	6,003.76	5,923.71	80.05	75.003		
21,500.00	7,780.00	14,488.00	7,793.77	369.00	187.06	-86.54	-300.66	7,024.57	6,103.68	6,023.70	79.98	76.312		
21,600.00	7,780.00	14,488.00	7,793.77	371.70	187.06	-86.54	-300.66	7,024.57	6,203.61	6,123.68	79.93	77.616		
21,700.00	7,780.00	14,488.00	7,793.77	374.39	187.06	-86.54	-300.66	7,024.57	6,303.54	6,223.67	79.88	78.918		
21,800.00	7,780.00	14,488.00	7,793.77	377.09	187.06	-86.54	-300.66	7,024.57	6,403.48	6,323.65	79.83	80.215		
21,900.00	7,780.00	14,488.00	7,793.77	379.78	187.06	-86.54	-300.66	7,024.57	6,503.41	6,423.62	79.79	81.509		
22,000.00	7,780.00	14,488.00	7,793.77	382.48	187.06	-86.54	-300.66	7,024.57	6,603.35	6,523.60	79.75	82.800		
22,100.00	7,780.00	14,488.00	7,793.77	385.17	187.06	-86.54	-300.66	7,024.57	6,703.29	6,623.57	79.72	84.086		
22,200.00	7,780.00	14,488.00	7,793.77	387.87	187.06	-86.54	-300.66	7,024.57	6,803.23	6,723.54	79.69	85.370		
22,300.00	7,780.00	14,488.00	7,793.77	390.56	187.06	-86.54	-300.66	7,024.57	6,903.17	6,823.50	79.67	86.649		
22,400.00	7,780.00	14,488.00	7,793.77	393.26	187.06	-86.54	-300.66	7,024.57	7,003.11	6,923.46	79.65	87.925		
22,500.00	7,780.00	14,488.00	7,793.77	395.95	187.06	-86.54	-300.66	7,024.57	7,103.06	7,023.43	79.63	89.197		
22,600.00	7,780.00	14,488.00	7,793.77	398.65	187.06	-86.54	-300.66	7,024.57	7,203.01	7,123.38	79.62	90.466		
22,700.00	7,780.00	14,488.00	7,793.77	401.35	187.06	-86.54	-300.66	7,024.57	7,302.95	7,223.34	79.61	91.731		
22,800.00	7,780.00	14,488.00	7,793.77	404.04	187.06	-86.54	-300.66	7,024.57	7,402.90	7,323.30	79.61	92.992		
22,900.00	7,780.00	14,488.00	7,793.77	406.74	187.06	-86.54	-300.66	7,024.57	7,502.86	7,423.25	79.61	94.249		
23,000.00	7,780.00	14,488.00	7,793.77	409.43	187.06	-86.54	-300.66	7,024.57	7,602.81	7,523.20	79.61	95.503		
23,100.00	7,780.00	14,488.00	7,793.77	412.13	187.06	-86.54	-300.66	7,024.57	7,702.76	7,623.15	79.61	96.753		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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: 63-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
23,200.00	7,780.00	14,488.00	7,793.77	414.83	187.06	-86.54	-300.66	7,024.57	7,802.72	7,723.10	79.62	97.999	
23,300.00	7,780.00	14,488.00	7,793.77	417.52	187.06	-86.54	-300.66	7,024.57	7,902.67	7,823.04	79.63	99.242	
23,400.00	7,780.00	14,488.00	7,793.77	420.22	187.06	-86.54	-300.66	7,024.57	8,002.63	7,922.99	79.64	100.480	
23,500.00	7,780.00	14,488.00	7,793.77	422.92	187.06	-86.54	-300.66	7,024.57	8,102.59	8,022.93	79.66	101.715	
23,600.00	7,780.00	14,488.00	7,793.77	425.62	187.06	-86.54	-300.66	7,024.57	8,202.55	8,122.87	79.68	102.946	
23,669.75	7,780.00	14,488.00	7,793.77	427.50	187.06	-86.54	-300.66	7,024.57	8,272.27	8,192.58	79.69	103.803	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	27.56	27.56	0.00	0.04	-169.34	-230.58	-43.39	234.63					
100.00	100.00	127.23	127.22	0.13	0.26	-169.04	-230.58	-44.65	234.86	234.47	0.39	601.968		
200.00	200.00	227.29	227.27	0.49	0.62	-168.70	-230.50	-46.05	235.06	233.95	1.11	212.168		
300.00	300.00	327.18	327.15	0.85	0.97	-168.41	-230.52	-47.27	235.32	233.50	1.82	128.951		
400.00	400.00	427.21	427.18	1.21	1.33	-168.16	-230.57	-48.33	235.59	233.04	2.54	92.669		
500.00	500.00	527.92	527.89	1.57	1.69	-167.96	-230.56	-49.16	235.74	232.48	3.26	72.284		
600.00	600.00	628.15	628.11	1.93	2.05	-167.82	-230.31	-49.72	235.61	231.64	3.98	59.230		
700.00	700.00	728.11	728.07	2.29	2.41	-167.65	-230.03	-50.38	235.49	230.79	4.69	50.167		
800.00	799.98	828.50	828.46	2.63	2.77	-49.53	-229.66	-51.13	234.15	228.75	5.40	43.363		
900.00	899.84	927.64	927.60	2.97	3.12	-50.34	-229.37	-51.99	230.67	224.57	6.10	37.841		
1,000.00	999.45	1,027.34	1,027.29	3.32	3.48	-51.92	-229.20	-52.83	225.17	218.37	6.80	33.100		
1,100.00	1,098.70	1,126.66	1,126.61	3.69	3.84	-54.37	-229.07	-53.50	217.80	210.28	7.52	28.963		
1,200.00	1,197.68	1,225.56	1,225.50	4.07	4.19	-57.43	-228.95	-53.86	209.67	201.42	8.25	25.423		
1,300.00	1,296.65	1,324.33	1,324.27	4.46	4.54	-60.73	-229.03	-54.13	202.35	193.37	8.98	22.526		
1,400.00	1,395.63	1,423.24	1,423.19	4.86	4.90	-64.27	-229.08	-54.39	195.76	186.03	9.73	20.120		
1,500.00	1,494.60	1,521.91	1,521.86	5.27	5.24	-68.03	-229.31	-54.64	190.14	179.66	10.48	18.141		
1,600.00	1,593.58	1,620.57	1,620.51	5.67	5.58	-72.01	-229.69	-54.78	185.58	174.34	11.24	16.517		
1,700.00	1,692.55	1,719.81	1,719.75	6.09	5.93	-76.22	-230.14	-54.81	182.07	170.07	12.00	15.177		
1,800.00	1,791.53	1,818.90	1,818.84	6.50	6.27	-80.54	-230.48	-54.98	179.45	166.68	12.77	14.056		
1,900.00	1,890.50	1,918.04	1,917.98	6.92	6.62	-84.95	-230.80	-55.20	177.85	164.31	13.54	13.135		
2,000.00	1,989.48	2,017.16	2,017.10	7.34	6.97	-89.43	-231.03	-55.37	177.28	162.96	14.32	12.383		
2,004.78	1,994.21	2,021.90	2,021.84	7.36	6.99	-89.65	-231.04	-55.38	177.27	162.92	14.35	12.351 CC		
2,100.00	2,088.45	2,116.39	2,116.33	7.76	7.33	-93.93	-231.17	-55.57	177.72	162.63	15.09	11.777		
2,200.00	2,187.43	2,215.58	2,215.52	8.19	7.68	-98.36	-231.24	-55.87	179.16	163.29	15.86	11.295		
2,300.00	2,286.40	2,314.78	2,314.72	8.61	8.04	-102.68	-231.28	-56.29	181.56	164.93	16.62	10.921		
2,400.00	2,385.38	2,413.85	2,413.79	9.04	8.39	-106.87	-231.23	-56.71	184.90	167.52	17.38	10.640		
2,500.00	2,484.35	2,512.72	2,512.66	9.46	8.75	-110.90	-231.20	-57.10	189.26	171.13	18.12	10.442		
2,600.00	2,583.32	2,611.56	2,611.49	9.89	9.10	-114.72	-231.25	-57.44	194.61	175.75	18.86	10.318		
2,700.00	2,682.30	2,710.73	2,710.67	10.32	9.46	-118.30	-231.40	-57.79	200.84	181.24	19.59	10.251		
2,800.00	2,781.27	2,810.09	2,810.02	10.75	9.81	-121.67	-231.47	-58.28	207.65	187.33	20.32	10.220		
2,900.00	2,880.25	2,909.27	2,909.20	11.18	10.17	-124.82	-231.46	-58.85	215.02	193.98	21.04	10.221		
3,000.00	2,979.22	3,005.85	3,005.79	11.61	10.51	-127.65	-231.70	-59.14	223.36	201.63	21.73	10.279		
3,100.00	3,078.20	3,103.03	3,102.95	12.04	10.84	-130.18	-232.82	-58.51	233.44	211.02	22.41	10.415		
3,200.00	3,177.17	3,202.32	3,202.23	12.47	11.17	-132.53	-234.09	-57.61	244.22	221.11	23.11	10.569		
3,300.00	3,276.15	3,301.14	3,301.04	12.90	11.51	-134.69	-235.27	-56.86	255.21	231.42	23.80	10.724		
3,400.00	3,375.12	3,400.77	3,400.67	13.33	11.84	-136.68	-236.43	-56.13	266.51	242.01	24.50	10.880		
3,500.00	3,474.10	3,499.09	3,498.97	13.76	12.18	-138.51	-237.49	-55.46	278.02	252.84	25.18	11.040		
3,600.00	3,573.07	3,598.66	3,598.53	14.19	12.52	-140.18	-238.69	-54.76	289.85	263.96	25.88	11.199		
3,700.00	3,672.05	3,698.06	3,697.93	14.62	12.86	-141.76	-239.66	-54.22	301.70	275.12	26.58	11.350		
3,800.00	3,771.02	3,796.59	3,796.46	15.05	13.20	-143.26	-240.35	-53.63	313.77	286.50	27.27	11.506		
3,900.00	3,870.00	3,895.38	3,895.24	15.49	13.54	-144.64	-241.08	-52.94	326.14	298.18	27.96	11.664		
4,000.00	3,968.97	3,995.39	3,995.25	15.92	13.89	-145.93	-241.86	-52.42	338.52	309.86	28.67	11.809		
4,100.00	4,067.94	4,095.01	4,094.86	16.35	14.23	-147.10	-242.77	-52.15	350.82	321.45	29.37	11.944		
4,200.00	4,166.92	4,194.37	4,194.22	16.78	14.58	-148.16	-243.78	-52.06	363.08	333.00	30.08	12.070		
4,300.00	4,265.89	4,293.98	4,293.82	17.22	14.93	-149.14	-244.93	-51.96	375.46	344.67	30.79	12.193		
4,400.00	4,364.87	4,395.63	4,395.45	17.65	15.29	-150.05	-246.28	-52.43	387.40	355.88	31.52	12.290		
4,500.00	4,463.84	4,495.25	4,495.06	18.08	15.65	-150.87	-247.71	-53.34	398.98	366.73	32.24	12.375		
4,600.00	4,562.82	4,592.49	4,592.29	18.51	16.00	-151.62	-249.12	-54.00	410.86	377.92	32.94	12.472		
4,700.00	4,661.79	4,687.93	4,687.72	18.95	16.33	-152.33	-250.35	-54.04	423.45	389.82	33.63	12.593		
4,800.00	4,760.77	4,785.17	4,784.96	19.38	16.67	-153.06	-251.27	-53.24	436.96	402.65	34.32	12.733		
4,900.00	4,859.74	4,884.42	4,884.20	19.81	17.02	-153.79	-252.02	-52.47	450.51	415.48	35.02	12.864		
5,000.00	4,958.72	4,983.05	4,982.82	20.25	17.36	-154.49	-252.63	-51.69	464.14	428.42	35.72	12.994		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,100.00	5,057.69	5,081.16	5,080.93	20.68	17.69	-155.15	-253.15	-50.82	477.94	441.53	36.41	13.125		
5,200.00	5,156.67	5,178.77	5,178.53	21.12	18.03	-155.80	-253.44	-49.75	492.03	454.92	37.10	13.261		
5,300.00	5,255.64	5,276.38	5,276.14	21.55	18.36	-156.43	-253.54	-48.44	506.42	468.64	37.79	13.402		
5,400.00	5,354.62	5,376.53	5,376.26	21.98	18.71	-156.92	-254.69	-46.96	520.92	482.42	38.50	13.529		
5,500.00	5,453.59	5,468.41	5,468.04	22.42	19.03	-157.06	-258.43	-45.04	535.77	496.60	39.17	13.679		
5,600.00	5,552.56	5,562.31	5,561.72	22.85	19.36	-156.99	-263.99	-41.65	551.93	512.07	39.86	13.848		
5,700.00	5,651.54	5,655.75	5,654.77	23.28	19.69	-156.74	-271.26	-37.39	568.87	528.32	40.55	14.030		
5,800.00	5,750.51	5,753.96	5,752.34	23.72	20.04	-156.27	-281.10	-32.11	586.42	545.13	41.29	14.202		
5,900.00	5,849.49	5,856.89	5,854.29	24.15	20.42	-155.53	-294.27	-26.82	603.60	561.50	42.10	14.338		
6,000.00	5,948.46	5,948.24	5,944.67	24.59	20.75	-154.84	-306.64	-22.03	620.92	578.12	42.79	14.509		
6,100.00	6,047.44	6,044.87	6,040.21	25.02	21.11	-154.14	-319.86	-16.18	639.13	595.58	43.55	14.677		
6,200.00	6,146.41	6,141.50	6,135.22	25.45	21.47	-153.19	-336.29	-10.08	657.58	613.26	44.32	14.839		
6,300.00	6,245.39	6,231.65	6,223.23	25.89	21.81	-152.07	-354.78	-3.81	676.84	631.81	45.03	15.031		
6,400.00	6,344.36	6,320.24	6,309.17	26.32	22.16	-150.85	-375.04	3.35	697.52	651.79	45.73	15.252		
6,500.00	6,443.34	6,411.36	6,397.02	26.76	22.53	-149.50	-397.77	11.57	719.54	673.07	46.47	15.483		
6,600.00	6,542.31	6,488.61	6,471.27	27.19	22.84	-148.38	-417.57	19.48	743.26	696.24	47.02	15.806		
6,700.00	6,641.29	6,559.73	6,539.37	27.63	23.14	-147.40	-435.78	28.92	770.23	722.77	47.46	16.229		
6,800.00	6,740.26	6,631.91	6,607.96	28.06	23.44	-146.43	-454.88	40.76	800.57	752.68	47.89	16.717		
6,900.00	6,839.24	6,736.35	6,707.28	28.50	23.89	-145.18	-481.81	58.54	831.81	782.95	48.85	17.026		
7,000.00	6,938.21	6,847.15	6,813.04	28.93	24.38	-143.95	-510.18	75.45	861.60	811.69	49.91	17.262		
7,100.00	7,037.18	6,965.85	6,926.95	29.36	24.91	-142.80	-539.48	91.43	889.87	838.80	51.07	17.425		
7,200.00	7,136.16	7,076.27	7,032.93	29.80	25.41	-141.67	-568.25	102.99	915.64	863.54	52.10	17.575		
7,300.00	7,235.71	7,187.29	7,139.60	30.16	25.92	-140.53	-597.28	113.18	932.21	879.12	53.09	17.559		
7,400.00	7,334.44	7,262.49	7,211.69	30.38	26.27	-139.40	-617.45	120.29	932.47	878.93	53.54	17.417		
7,500.00	7,429.33	7,350.57	7,295.96	30.53	26.69	-138.27	-641.06	130.29	917.97	863.86	54.11	16.966		
7,600.00	7,517.51	7,427.04	7,369.47	30.60	27.05	-137.14	-669.85	139.81	888.09	833.62	54.47	16.304		
7,700.00	7,596.31	7,475.63	7,415.82	30.64	27.29	-136.01	-672.15	147.56	846.40	792.08	54.32	15.581		
7,800.00	7,663.31	7,521.55	7,459.10	30.67	27.52	-134.88	-684.54	156.62	794.54	740.49	54.06	14.698		
7,900.00	7,716.50	7,563.15	7,497.62	30.73	27.74	-133.75	-697.20	165.89	733.62	679.93	53.69	13.665		
8,000.00	7,754.25	7,598.00	7,529.30	30.89	27.93	-132.62	-709.01	174.37	665.20	612.00	53.21	12.502		
8,100.00	7,775.41	7,622.66	7,551.34	31.21	28.07	-131.49	-717.86	180.98	591.48	538.89	52.60	11.246		
8,200.00	7,780.00	7,641.82	7,568.24	31.71	28.18	-130.36	-724.90	186.65	515.23	463.07	52.16	9.879		
8,300.00	7,780.00	7,661.43	7,585.29	32.46	28.29	-129.23	-732.25	192.93	444.49	392.44	52.05	8.540		
8,400.00	7,780.00	7,692.00	7,611.39	33.45	28.47	-128.10	-743.98	203.68	385.13	331.95	53.17	7.243		
8,500.00	7,780.00	7,712.10	7,628.16	34.65	28.60	-126.97	-751.70	211.63	342.14	287.33	54.81	6.242		
8,600.00	7,780.00	7,751.91	7,660.10	36.03	28.85	-125.84	-766.36	230.30	320.98	262.19	58.79	5.460		
8,643.21	7,780.00	7,775.08	7,677.80	36.69	29.00	-124.71	-774.43	242.87	318.96	258.08	60.88	5.239		
8,700.00	7,780.00	7,817.20	7,708.01	37.56	29.26	-123.58	-787.99	268.85	321.91	258.19	63.71	5.052		
8,800.00	7,780.00	7,954.28	7,787.28	39.22	30.18	-122.45	-816.56	376.16	333.22	265.27	67.95	4.904		
8,900.00	7,780.00	8,073.47	7,839.13	40.99	31.04	-121.32	-822.52	483.17	338.30	268.28	70.02	4.831		
9,000.00	7,780.00	8,151.24	7,861.88	42.86	31.75	-120.19	-827.28	557.29	347.13	274.99	72.14	4.812		
9,100.00	7,780.00	8,245.27	7,873.27	44.82	32.78	-119.06	-838.94	649.72	360.33	285.49	74.84	4.815		
9,200.00	7,780.00	8,361.24	7,872.27	46.84	34.26	-117.93	-853.96	764.70	371.75	293.31	78.45	4.739		
9,300.00	7,780.00	8,468.48	7,870.26	48.94	35.81	-116.80	-864.47	871.40	379.93	297.72	82.21	4.621		
9,400.00	7,780.00	8,583.92	7,867.15	51.09	37.65	-115.67	-872.36	986.52	385.07	298.85	86.22	4.466		
9,500.00	7,780.00	8,699.16	7,863.70	53.29	39.62	-114.54	-875.59	1,101.65	386.21	295.91	90.30	4.277		
9,600.00	7,780.00	8,807.32	7,859.94	55.53	41.57	-113.41	-875.09	1,209.74	384.06	289.58	94.48	4.065		
9,700.00	7,780.00	8,906.71	7,856.50	57.81	43.46	-112.28	-873.75	1,309.07	381.07	282.26	98.82	3.856		
9,800.00	7,780.00	9,006.51	7,854.04	60.13	45.43	-111.15	-872.54	1,408.82	378.37	275.14	103.23	3.665		
9,900.00	7,780.00	9,104.65	7,852.80	62.48	47.44	-110.02	-871.41	1,506.96	375.88	268.18	107.71	3.490		
10,000.00	7,780.00	9,203.77	7,852.34	64.85	49.53	-108.89	-870.55	1,606.07	373.78	261.54	112.23	3.330		
10,100.00	7,780.00	9,306.24	7,852.15	67.25	51.75	-107.76	-869.51	1,708.54	371.57	254.77	116.80	3.181		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,200.00	7,780.00	9,420.45	7,852.46	69.67	54.27	97.01	-865.30	1,822.65	366.72	245.52	121.20	3.026		
10,300.00	7,780.00	9,526.58	7,851.57	72.11	56.63	97.02	-858.71	1,928.58	359.26	233.53	125.74	2.857		
10,400.00	7,780.00	9,625.75	7,850.46	74.56	58.87	97.01	-851.36	2,027.46	350.59	220.11	130.48	2.687		
10,500.00	7,780.00	9,717.40	7,848.64	77.04	60.99	96.84	-846.15	2,118.95	343.53	208.01	135.51	2.535		
10,600.00	7,780.00	9,805.84	7,845.85	79.52	63.07	96.44	-843.64	2,207.30	339.17	198.50	140.67	2.411		
10,700.00	7,780.00	9,902.09	7,842.06	82.02	65.37	95.81	-844.55	2,303.47	338.46	192.68	145.78	2.322		
10,800.00	7,780.00	10,012.90	7,837.37	84.54	68.03	95.08	-842.16	2,414.15	334.63	183.87	150.75	2.220		
10,900.00	7,780.00	10,108.14	7,832.52	87.06	70.34	94.29	-839.81	2,509.23	330.57	174.57	155.99	2.119		
11,000.00	7,780.00	10,203.24	7,828.16	89.59	72.67	93.56	-839.22	2,604.23	328.43	167.21	161.21	2.037		
11,100.00	7,780.00	10,298.22	7,825.33	92.14	75.02	93.07	-839.59	2,699.16	327.46	161.09	166.37	1.968		
11,101.60	7,780.00	10,299.71	7,825.28	92.18	75.05	93.06	-839.61	2,700.65	327.46	161.00	166.45	1.967		
11,200.00	7,780.00	10,396.24	7,822.38	94.69	77.46	92.55	-841.51	2,797.13	328.06	156.54	171.52	1.913		
11,300.00	7,780.00	10,500.78	7,821.11	97.24	80.08	92.33	-842.75	2,901.64	328.00	151.39	176.61	1.857		
11,400.00	7,780.00	10,600.58	7,821.49	99.81	82.58	92.40	-843.13	3,001.44	327.20	145.51	181.69	1.801		
11,500.00	7,780.00	10,698.43	7,821.44	102.38	85.05	92.39	-844.04	3,099.28	326.93	140.12	186.81	1.750		
11,531.80	7,780.00	10,729.97	7,821.39	103.20	85.85	92.39	-844.38	3,130.83	326.89	138.45	188.44	1.735		
11,600.00	7,780.00	10,794.02	7,821.14	104.96	87.48	92.34	-845.54	3,194.86	327.29	135.35	191.94	1.705		
11,700.00	7,780.00	10,890.18	7,820.39	107.55	89.94	92.19	-848.59	3,290.97	329.24	132.15	197.09	1.671		
11,800.00	7,780.00	10,986.41	7,820.73	110.14	92.40	92.23	-852.77	3,387.10	332.38	130.20	202.19	1.644		
11,900.00	7,780.00	11,083.14	7,820.99	112.73	94.89	92.25	-857.74	3,483.71	336.34	129.05	207.29	1.623		
12,000.00	7,780.00	11,180.93	7,821.39	115.33	97.42	92.29	-863.15	3,581.35	340.70	128.29	212.41	1.604		
12,100.00	7,780.00	11,276.44	7,820.36	117.93	99.89	92.08	-869.92	3,676.61	346.54	129.04	217.50	1.593		
12,200.00	7,780.00	11,369.88	7,817.74	120.54	102.32	91.62	-877.90	3,769.67	353.80	131.28	222.52	1.590		
12,300.00	7,780.00	11,468.67	7,813.77	123.15	104.89	90.95	-887.47	3,867.91	362.20	134.45	227.76	1.590		
12,400.00	7,780.00	11,570.84	7,809.87	125.77	107.55	90.32	-897.05	3,969.56	370.35	137.23	233.13	1.589		
12,500.00	7,780.00	11,672.33	7,806.08	128.39	110.20	89.74	-905.95	4,070.59	377.93	139.49	238.44	1.585		
12,600.00	7,780.00	11,770.87	7,802.61	131.01	112.78	89.23	-914.69	4,168.68	385.64	142.02	243.62	1.583		
12,700.00	7,780.00	11,871.57	7,801.99	133.63	115.42	89.15	-923.22	4,269.00	392.93	144.03	248.89	1.579		
12,800.00	7,780.00	11,970.57	7,802.87	136.26	118.02	89.29	-931.93	4,367.62	400.51	146.41	254.10	1.576		
12,900.00	7,780.00	12,070.50	7,804.16	138.89	120.65	89.49	-940.55	4,467.16	407.93	148.58	259.36	1.573		
13,000.00	7,780.00	12,166.66	7,805.90	141.52	123.18	89.74	-949.32	4,562.91	415.85	151.41	264.44	1.573		
13,100.00	7,780.00	12,264.87	7,805.77	144.16	125.77	89.73	-958.80	4,660.65	424.32	154.69	269.63	1.574		
13,200.00	7,780.00	12,362.07	7,802.77	146.79	129.12	89.33	-967.18	4,757.51	429.70	153.97	275.72	1.558		
13,300.00	7,780.00	12,459.23	7,799.42	149.43	131.85	88.89	-969.94	4,891.59	431.18	150.16	281.02	1.534		
13,400.00	7,780.00	12,559.75	7,795.51	152.07	134.47	88.37	-972.68	4,990.98	432.82	146.57	286.26	1.512		
13,500.00	7,780.00	12,705.71	7,793.11	154.72	137.36	88.06	-974.01	5,100.91	432.88	141.39	291.49	1.485 Level 3		
13,600.00	7,780.00	12,806.53	7,791.09	157.36	140.01	87.79	-974.74	5,201.70	432.48	135.76	296.72	1.458 Level 3		
13,700.00	7,780.00	12,917.20	7,790.70	160.01	142.92	87.72	-973.50	5,312.36	430.17	128.37	301.80	1.425 Level 3		
13,800.00	7,780.00	13,015.31	7,791.59	162.66	145.49	87.82	-971.53	5,410.44	426.92	119.78	307.14	1.390 Level 3		
13,900.00	7,780.00	13,115.03	7,793.04	165.31	148.11	88.01	-969.86	5,510.15	424.01	111.55	312.45	1.357 Level 3		
14,000.00	7,780.00	13,215.33	7,794.99	167.96	150.75	88.26	-968.10	5,610.41	420.99	103.23	317.76	1.325 Level 3		
14,100.00	7,780.00	13,315.28	7,796.82	170.61	153.38	88.50	-966.37	5,710.32	418.01	94.92	323.08	1.294 Level 3		
14,200.00	7,780.00	13,413.99	7,798.60	173.26	155.98	88.73	-964.68	5,809.00	415.05	86.62	328.43	1.264 Level 3		
14,300.00	7,780.00	13,513.13	7,800.23	175.92	158.59	88.95	-963.42	5,908.13	412.55	78.79	333.77	1.236 Level 2		
14,400.00	7,780.00	13,615.45	7,802.39	178.58	161.29	89.24	-961.90	6,010.41	409.84	70.82	339.02	1.209 Level 2		
14,500.00	7,780.00	13,721.12	7,804.02	181.23	164.07	89.47	-959.29	6,116.03	406.16	62.03	344.13	1.180 Level 2		
14,600.00	7,780.00	13,823.27	7,804.54	183.89	166.76	89.54	-955.57	6,218.11	401.31	51.98	349.33	1.149 Level 2		
14,700.00	7,780.00	13,915.96	7,803.24	186.55	169.20	89.34	-952.72	6,310.74	397.07	42.15	354.91	1.119 Level 2		
14,800.00	7,780.00	14,012.32	7,800.05	189.21	171.75	88.88	-951.25	6,407.05	394.39	34.09	360.30	1.095 Level 2		
14,900.00	7,780.00	14,110.39	7,796.50	191.88	174.35	88.35	-950.35	6,505.04	392.36	26.75	365.61	1.073 Level 2		
15,000.00	7,780.00	14,212.84	7,793.24	194.54	177.06	87.86	-949.35	6,607.44	390.29	19.50	370.79	1.053 Level 2		
15,100.00	7,780.00	14,314.79	7,790.71	197.20	179.76	87.47	-947.75	6,709.35	387.63	11.67	375.96	1.031 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,200.00	7,780.00	14,408.73	7,788.45	199.87	182.25	87.13	-946.91	6,803.25	385.64	4.30	381.34	1.011	Level 2	
15,300.00	7,780.00	14,509.33	7,785.85	202.53	184.92	86.73	-946.68	6,903.82	384.36	-2.17	386.53	0.994	Level 1	
15,400.00	7,780.00	14,612.57	7,784.90	205.20	187.66	86.57	-945.61	7,007.04	382.17	-9.55	391.72	0.976	Level 1	
15,411.14	7,780.00	14,623.71	7,784.83	205.49	187.95	86.55	-945.48	7,018.18	381.91	-10.39	392.30	0.974	Level 1, ES, SF	
15,500.00	7,780.00	14,617.00	7,784.87	207.86	187.77	86.56	-945.56	7,011.47	391.66	3.70	387.96	1.010	Level 2	
15,600.00	7,780.00	14,617.00	7,784.87	210.53	187.77	86.56	-945.56	7,011.47	425.11	61.72	363.40	1.170	Level 2	
15,700.00	7,780.00	14,617.00	7,784.87	213.20	187.77	86.56	-945.56	7,011.47	477.54	148.24	329.30	1.450	Level 3	
15,800.00	7,780.00	14,617.00	7,784.87	215.87	187.77	86.62	-945.56	7,011.47	543.09	248.41	294.68	1.843		
15,900.00	7,780.00	14,617.00	7,784.87	218.54	187.77	86.75	-945.56	7,011.47	615.94	353.23	262.71	2.345		
16,000.00	7,780.00	14,617.00	7,784.87	221.22	187.77	86.81	-945.56	7,011.47	693.80	459.39	234.41	2.960		
16,100.00	7,780.00	14,617.00	7,784.87	223.89	187.77	86.81	-945.56	7,011.47	776.51	565.92	210.59	3.687		
16,200.00	7,780.00	14,617.00	7,784.87	226.57	187.77	86.81	-945.56	7,011.47	862.89	672.08	190.82	4.522		
16,300.00	7,780.00	14,617.00	7,784.87	229.24	187.77	86.81	-945.56	7,011.47	951.94	777.55	174.40	5.458		
16,400.00	7,780.00	14,617.00	7,784.87	231.92	187.77	86.81	-945.56	7,011.47	1,042.98	882.28	160.71	6.490		
16,500.00	7,780.00	14,617.00	7,784.87	234.60	187.77	86.81	-945.56	7,011.47	1,135.53	986.32	149.21	7.610		
16,600.00	7,780.00	14,617.00	7,784.87	237.28	187.77	86.81	-945.56	7,011.47	1,229.24	1,089.75	139.50	8.812		
16,700.00	7,780.00	14,617.00	7,784.87	239.96	187.77	86.81	-945.56	7,011.47	1,323.88	1,192.65	131.23	10.088		
16,800.00	7,780.00	14,617.00	7,784.87	242.64	187.77	86.81	-945.56	7,011.47	1,419.25	1,295.10	124.15	11.432		
16,900.00	7,780.00	14,617.00	7,784.87	245.32	187.77	86.81	-945.56	7,011.47	1,515.22	1,397.17	118.04	12.836		
17,000.00	7,780.00	14,617.00	7,784.87	248.00	187.77	86.81	-945.56	7,011.47	1,611.67	1,498.92	112.75	14.294		
17,100.00	7,780.00	14,617.00	7,784.87	250.68	187.77	86.81	-945.56	7,011.47	1,708.54	1,600.40	108.14	15.799		
17,200.00	7,780.00	14,617.00	7,784.87	253.36	187.77	86.81	-945.56	7,011.47	1,805.75	1,701.64	104.11	17.345		
17,300.00	7,780.00	14,617.00	7,784.87	256.04	187.77	86.81	-945.56	7,011.47	1,903.24	1,802.68	100.56	18.927		
17,400.00	7,780.00	14,617.00	7,784.87	258.72	187.77	86.81	-945.56	7,011.47	2,000.99	1,903.56	97.43	20.538		
17,500.00	7,780.00	14,617.00	7,784.87	261.41	187.77	86.81	-945.56	7,011.47	2,098.94	2,004.29	94.65	22.175		
17,600.00	7,780.00	14,617.00	7,784.87	264.09	187.77	86.81	-945.56	7,011.47	2,197.08	2,104.90	92.18	23.834		
17,700.00	7,780.00	14,617.00	7,784.87	266.77	187.77	86.81	-945.56	7,011.47	2,295.38	2,205.40	89.98	25.509		
17,800.00	7,780.00	14,617.00	7,784.87	269.46	187.77	86.81	-945.56	7,011.47	2,393.83	2,305.81	88.02	27.197		
17,900.00	7,780.00	14,617.00	7,784.87	272.14	187.77	86.81	-945.56	7,011.47	2,492.39	2,406.14	86.25	28.896		
18,000.00	7,780.00	14,617.00	7,784.87	274.83	187.77	86.81	-945.56	7,011.47	2,591.07	2,506.40	84.67	30.603		
18,100.00	7,780.00	14,617.00	7,784.87	277.51	187.77	86.81	-945.56	7,011.47	2,689.84	2,606.60	83.24	32.314		
18,200.00	7,780.00	14,617.00	7,784.87	280.20	187.77	86.81	-945.56	7,011.47	2,788.70	2,706.75	81.95	34.029		
18,300.00	7,780.00	14,617.00	7,784.87	282.89	187.77	86.81	-945.56	7,011.47	2,887.64	2,806.86	80.79	35.744		
18,400.00	7,780.00	14,617.00	7,784.87	285.57	187.77	86.81	-945.56	7,011.47	2,986.65	2,906.92	79.73	37.459		
18,500.00	7,780.00	14,617.00	7,784.87	288.26	187.77	86.81	-945.56	7,011.47	3,085.72	3,006.95	78.77	39.172		
18,600.00	7,780.00	14,617.00	7,784.87	290.95	187.77	86.81	-945.56	7,011.47	3,184.86	3,106.95	77.90	40.881		
18,700.00	7,780.00	14,617.00	7,784.87	293.64	187.77	86.81	-945.56	7,011.47	3,284.04	3,206.93	77.11	42.587		
18,800.00	7,780.00	14,617.00	7,784.87	296.32	187.77	86.81	-945.56	7,011.47	3,383.27	3,306.88	76.39	44.287		
18,900.00	7,780.00	14,617.00	7,784.87	299.01	187.77	86.81	-945.56	7,011.47	3,482.55	3,406.81	75.74	45.981		
19,000.00	7,780.00	14,617.00	7,784.87	301.70	187.77	86.81	-945.56	7,011.47	3,581.87	3,506.73	75.14	47.668		
19,100.00	7,780.00	14,617.00	7,784.87	304.39	187.77	86.81	-945.56	7,011.47	3,681.22	3,606.62	74.60	49.349		
19,200.00	7,780.00	14,617.00	7,784.87	307.08	187.77	86.81	-945.56	7,011.47	3,780.61	3,706.51	74.10	51.022		
19,300.00	7,780.00	14,617.00	7,784.87	309.77	187.77	86.81	-945.56	7,011.47	3,880.03	3,806.38	73.64	52.687		
19,400.00	7,780.00	14,617.00	7,784.87	312.46	187.77	86.81	-945.56	7,011.47	3,979.47	3,906.25	73.23	54.345		
19,500.00	7,780.00	14,617.00	7,784.87	315.15	187.77	86.81	-945.56	7,011.47	4,078.95	4,006.10	72.85	55.993		
19,600.00	7,780.00	14,617.00	7,784.87	317.84	187.77	86.81	-945.56	7,011.47	4,178.45	4,105.95	72.50	57.634		
19,700.00	7,780.00	14,617.00	7,784.87	320.53	187.77	86.81	-945.56	7,011.47	4,277.97	4,205.79	72.18	59.265		
19,800.00	7,780.00	14,617.00	7,784.87	323.22	187.77	86.81	-945.56	7,011.47	4,377.52	4,305.63	71.89	60.888		
19,900.00	7,780.00	14,617.00	7,784.87	325.91	187.77	86.81	-945.56	7,011.47	4,477.08	4,405.45	71.63	62.503		
20,000.00	7,780.00	14,617.00	7,784.87	328.60	187.77	86.81	-945.56	7,011.47	4,576.67	4,505.28	71.39	64.108		
20,100.00	7,780.00	14,617.00	7,784.87	331.30	187.77	86.81	-945.56	7,011.47	4,676.27	4,605.10	71.17	65.705		
20,200.00	7,780.00	14,617.00	7,784.87	333.99	187.77	86.81	-945.56	7,011.47	4,775.89	4,704.92	70.97	67.293		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	336.68	187.77	86.81	-945.56	7,011.47	4,875.52	4,804.73	70.79	68.872		
20,400.00	7,780.00	14,617.00	7,784.87	339.37	187.77	86.81	-945.56	7,011.47	4,975.17	4,904.55	70.63	70.442		
20,500.00	7,780.00	14,617.00	7,784.87	342.07	187.77	86.81	-945.56	7,011.47	5,074.84	5,004.36	70.48	72.004		
20,600.00	7,780.00	14,617.00	7,784.87	344.76	187.77	86.81	-945.56	7,011.47	5,174.51	5,104.17	70.35	73.557		
20,700.00	7,780.00	14,617.00	7,784.87	347.45	187.77	86.81	-945.56	7,011.47	5,274.20	5,203.97	70.23	75.101		
20,800.00	7,780.00	14,617.00	7,784.87	350.14	187.77	86.81	-945.56	7,011.47	5,373.90	5,303.78	70.12	76.637		
20,900.00	7,780.00	14,617.00	7,784.87	352.84	187.77	86.81	-945.56	7,011.47	5,473.61	5,403.59	70.03	78.165		
21,000.00	7,780.00	14,617.00	7,784.87	355.53	187.77	86.81	-945.56	7,011.47	5,573.33	5,503.39	69.94	79.684		
21,100.00	7,780.00	14,617.00	7,784.87	358.22	187.77	86.81	-945.56	7,011.47	5,673.06	5,603.19	69.87	81.195		
21,200.00	7,780.00	14,617.00	7,784.87	360.92	187.77	86.81	-945.56	7,011.47	5,772.80	5,703.00	69.81	82.698		
21,300.00	7,780.00	14,617.00	7,784.87	363.61	187.77	86.81	-945.56	7,011.47	5,872.55	5,802.80	69.75	84.193		
21,400.00	7,780.00	14,617.00	7,784.87	366.31	187.77	86.81	-945.56	7,011.47	5,972.31	5,902.61	69.70	85.680		
21,500.00	7,780.00	14,617.00	7,784.87	369.00	187.77	86.81	-945.56	7,011.47	6,072.08	6,002.41	69.67	87.159		
21,600.00	7,780.00	14,617.00	7,784.87	371.70	187.77	86.81	-945.56	7,011.47	6,171.85	6,102.21	69.64	88.630		
21,700.00	7,780.00	14,617.00	7,784.87	374.39	187.77	86.81	-945.56	7,011.47	6,271.63	6,202.02	69.61	90.094		
21,800.00	7,780.00	14,617.00	7,784.87	377.09	187.77	86.81	-945.56	7,011.47	6,371.42	6,301.82	69.60	91.549		
21,900.00	7,780.00	14,617.00	7,784.87	379.78	187.77	86.81	-945.56	7,011.47	6,471.21	6,401.63	69.58	92.998		
22,000.00	7,780.00	14,617.00	7,784.87	382.48	187.77	86.81	-945.56	7,011.47	6,571.01	6,501.43	69.58	94.439		
22,100.00	7,780.00	14,617.00	7,784.87	385.17	187.77	86.81	-945.56	7,011.47	6,670.82	6,601.24	69.58	95.872		
22,200.00	7,780.00	14,617.00	7,784.87	387.87	187.77	86.81	-945.56	7,011.47	6,770.63	6,701.04	69.59	97.298		
22,300.00	7,780.00	14,617.00	7,784.87	390.56	187.77	86.81	-945.56	7,011.47	6,870.45	6,800.85	69.60	98.717		
22,400.00	7,780.00	14,617.00	7,784.87	393.26	187.77	86.81	-945.56	7,011.47	6,970.27	6,900.65	69.61	100.129		
22,500.00	7,780.00	14,617.00	7,784.87	395.95	187.77	86.81	-945.56	7,011.47	7,070.10	7,000.46	69.63	101.533		
22,600.00	7,780.00	14,617.00	7,784.87	398.65	187.77	86.81	-945.56	7,011.47	7,169.93	7,100.27	69.66	102.931		
22,700.00	7,780.00	14,617.00	7,784.87	401.35	187.77	86.81	-945.56	7,011.47	7,269.76	7,200.08	69.69	104.322		
22,800.00	7,780.00	14,617.00	7,784.87	404.04	187.77	86.81	-945.56	7,011.47	7,369.61	7,299.89	69.72	105.706		
22,900.00	7,780.00	14,617.00	7,784.87	406.74	187.77	86.81	-945.56	7,011.47	7,469.45	7,399.70	69.75	107.083		
23,000.00	7,780.00	14,617.00	7,784.87	409.43	187.77	86.81	-945.56	7,011.47	7,569.30	7,499.51	69.79	108.453		
23,100.00	7,780.00	14,617.00	7,784.87	412.13	187.77	86.81	-945.56	7,011.47	7,669.15	7,599.32	69.84	109.817		
23,200.00	7,780.00	14,617.00	7,784.87	414.83	187.77	86.81	-945.56	7,011.47	7,769.01	7,699.13	69.88	111.174		
23,300.00	7,780.00	14,617.00	7,784.87	417.52	187.77	86.81	-945.56	7,011.47	7,868.87	7,798.94	69.93	112.525		
23,400.00	7,780.00	14,617.00	7,784.87	420.22	187.77	86.81	-945.56	7,011.47	7,968.74	7,898.76	69.98	113.869		
23,500.00	7,780.00	14,617.00	7,784.87	422.92	187.77	86.81	-945.56	7,011.47	8,068.60	7,998.57	70.04	115.206		
23,600.00	7,780.00	14,617.00	7,784.87	425.62	187.77	86.81	-945.56	7,011.47	8,168.48	8,098.38	70.09	116.538		
23,669.75	7,780.00	14,617.00	7,784.87	427.50	187.77	86.81	-945.56	7,011.47	8,238.14	8,168.00	70.13	117.463		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.10	0.10	0.00	0.00	0.24	199.98	0.84	199.99					
100.00	100.00	100.10	100.10	0.13	0.13	0.24	199.98	0.84	199.99	199.72	0.27	743.473	CC, ES	
200.00	200.00	193.57	193.55	0.49	0.47	0.19	201.50	0.69	201.61	200.64	0.97	207.530		
300.00	300.00	286.85	286.72	0.85	0.82	0.06	206.04	0.21	206.48	204.80	1.67	123.403		
400.00	400.00	379.73	379.29	1.21	1.16	-0.15	213.56	-0.57	214.57	212.20	2.37	90.490		
500.00	500.00	472.03	470.98	1.57	1.52	-0.42	223.98	-1.66	225.87	222.80	3.07	73.684		
600.00	600.00	563.56	561.54	1.93	1.89	-0.73	237.20	-3.04	240.34	236.58	3.75	64.011		
700.00	700.00	654.14	650.69	2.29	2.29	-1.06	253.12	-4.70	257.94	253.50	4.44	58.120		
800.00	799.98	743.46	738.07	2.63	2.70	116.77	271.56	-6.63	279.40	274.29	5.11	54.721		
900.00	899.84	831.08	823.17	2.97	3.13	116.77	292.26	-8.79	305.38	299.62	5.76	52.995		
1,000.00	999.45	916.68	905.66	3.32	3.58	117.05	314.98	-11.16	335.82	329.40	6.42	52.325		
1,100.00	1,098.70	999.95	985.22	3.69	4.05	117.50	339.42	-13.71	370.63	363.56	7.07	52.443		
1,200.00	1,197.68	1,080.98	1,061.92	4.07	4.53	118.54	365.41	-16.42	409.13	401.42	7.72	53.027		
1,300.00	1,296.65	1,160.12	1,136.09	4.46	5.04	119.41	392.86	-19.28	450.31	441.96	8.36	53.893		
1,400.00	1,395.63	1,237.34	1,207.70	4.86	5.55	120.09	421.60	-22.28	494.02	485.03	8.99	54.962		
1,500.00	1,494.60	1,314.64	1,278.58	5.27	6.09	120.63	452.25	-25.48	540.09	530.46	9.63	56.090		
1,600.00	1,593.58	1,402.83	1,359.13	5.67	6.73	121.14	487.97	-29.21	587.03	576.66	10.37	56.589		
1,700.00	1,692.55	1,508.99	1,439.67	6.09	7.50	121.57	523.69	-32.94	634.00	622.79	11.21	56.569		
1,800.00	1,791.53	1,579.20	1,520.22	6.50	8.02	121.94	559.41	-36.66	681.00	669.11	11.88	57.302		
1,900.00	1,890.50	1,667.39	1,600.76	6.92	8.67	122.26	595.12	-40.39	728.01	715.36	12.65	57.559		
2,000.00	1,989.48	1,755.58	1,681.31	7.34	9.32	122.55	630.84	-44.12	775.04	761.63	13.42	57.769		
2,100.00	2,088.45	1,843.77	1,761.85	7.76	9.98	122.80	666.56	-47.85	822.09	807.90	14.19	57.943		
2,200.00	2,187.43	1,931.96	1,842.40	8.19	10.64	123.03	702.28	-51.57	869.14	854.18	14.96	58.087		
2,300.00	2,286.40	2,020.15	1,922.94	8.61	11.30	123.23	738.00	-55.30	916.21	900.47	15.74	58.207		
2,400.00	2,385.38	2,108.33	2,003.49	9.04	11.96	123.41	773.72	-59.03	963.28	946.76	16.52	58.308		
2,500.00	2,484.35	2,196.52	2,084.03	9.46	12.63	123.57	809.44	-62.76	1,010.36	993.06	17.30	58.394		
2,600.00	2,583.32	2,284.71	2,164.58	9.89	13.29	123.73	845.16	-66.48	1,057.45	1,039.36	18.09	58.466		
2,700.00	2,682.30	2,372.90	2,245.12	10.32	13.96	123.86	880.88	-70.21	1,104.54	1,085.66	18.87	58.528		
2,800.00	2,781.27	2,461.09	2,325.67	10.75	14.62	123.99	916.59	-73.94	1,151.63	1,131.97	19.66	58.581		
2,900.00	2,880.25	2,549.28	2,406.21	11.18	15.29	124.11	952.31	-77.67	1,198.73	1,178.28	20.45	58.626		
3,000.00	2,979.22	2,637.47	2,486.76	11.61	15.96	124.21	988.03	-81.39	1,245.83	1,224.60	21.24	58.665		
3,100.00	3,078.20	2,725.65	2,567.30	12.04	16.63	124.31	1,023.75	-85.12	1,292.94	1,270.91	22.03	58.699		
3,200.00	3,177.17	2,813.84	2,647.85	12.47	17.29	124.41	1,059.47	-88.85	1,340.05	1,317.23	22.82	58.727		
3,300.00	3,276.15	2,902.03	2,728.39	12.90	17.96	124.49	1,095.19	-92.58	1,387.16	1,363.55	23.61	58.752		
3,400.00	3,375.12	3,009.78	2,808.94	13.33	18.78	124.57	1,130.91	-96.30	1,434.27	1,409.78	24.50	58.548		
3,500.00	3,474.10	3,078.41	2,889.48	13.76	19.30	124.65	1,166.63	-100.03	1,481.39	1,456.19	25.20	58.791		
3,600.00	3,573.07	3,166.60	2,970.03	14.19	19.97	124.72	1,202.35	-103.76	1,528.51	1,502.51	25.99	58.807		
3,700.00	3,672.05	3,254.79	3,050.57	14.62	20.64	124.79	1,238.06	-107.49	1,575.63	1,548.84	26.79	58.820		
3,800.00	3,771.02	3,342.97	3,131.12	15.05	21.31	124.85	1,273.78	-111.21	1,622.75	1,595.16	27.58	58.831		
3,900.00	3,870.00	3,431.16	3,211.66	15.49	21.98	124.91	1,309.50	-114.94	1,669.87	1,641.49	28.38	58.841		
4,000.00	3,968.97	3,519.35	3,292.21	15.92	22.65	124.97	1,345.22	-118.67	1,716.99	1,687.82	29.18	58.848		
4,100.00	4,067.94	3,607.54	3,372.75	16.35	23.32	125.02	1,380.94	-122.40	1,764.12	1,734.14	29.97	58.855		
4,200.00	4,166.92	3,704.27	3,453.30	16.78	24.06	125.07	1,416.66	-126.12	1,811.24	1,780.43	30.81	58.781		
4,300.00	4,265.89	3,783.92	3,533.84	17.22	24.66	125.12	1,452.38	-129.85	1,858.37	1,826.80	31.57	58.864		
4,400.00	4,364.87	3,872.10	3,614.39	17.65	25.34	125.16	1,488.10	-133.58	1,905.50	1,873.13	32.37	58.867		
4,500.00	4,463.84	3,960.29	3,694.93	18.08	26.01	125.21	1,523.82	-137.31	1,952.63	1,919.46	33.17	58.869		
4,600.00	4,562.82	4,048.48	3,775.48	18.51	26.68	125.25	1,559.53	-141.03	1,999.76	1,965.79	33.97	58.870		
4,700.00	4,661.79	4,136.67	3,856.02	18.95	27.35	125.29	1,595.25	-144.76	2,046.89	2,012.12	34.77	58.870		
4,800.00	4,760.77	4,224.86	3,936.57	19.38	28.02	125.32	1,630.97	-148.49	2,094.02	2,058.45	35.57	58.870		
4,900.00	4,859.74	4,313.05	4,017.11	19.81	28.69	125.36	1,666.69	-152.22	2,141.15	2,104.78	36.37	58.869		
5,000.00	4,958.72	4,401.24	4,097.66	20.25	29.36	125.39	1,702.41	-155.94	2,188.28	2,151.11	37.17	58.868		
5,100.00	5,057.69	4,489.42	4,178.20	20.68	30.04	125.43	1,738.13	-159.67	2,235.42	2,197.44	37.97	58.866		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	5,156.67	4,577.61	4,258.75	21.12	30.71	125.46	1,773.85	-163.40	2,282.55	2,243.77	38.78	58.863		
5,300.00	5,255.64	4,665.80	4,339.29	21.55	31.38	125.49	1,809.57	-167.13	2,329.69	2,290.11	39.58	58.861		
5,400.00	5,354.62	4,753.99	4,419.84	21.98	32.05	125.52	1,845.29	-170.85	2,376.82	2,336.44	40.38	58.857		
5,500.00	5,453.59	4,842.18	4,500.38	22.42	32.72	125.55	1,881.00	-174.58	2,423.95	2,382.77	41.19	58.854		
5,600.00	5,552.56	4,930.37	4,580.93	22.85	33.40	125.57	1,916.72	-178.31	2,471.09	2,429.10	41.99	58.850		
5,700.00	5,651.54	5,018.56	4,661.47	23.28	34.07	125.60	1,952.44	-182.04	2,518.23	2,475.43	42.79	58.845		
5,800.00	5,750.51	5,106.74	4,742.01	23.72	34.74	125.62	1,988.16	-185.76	2,565.36	2,521.76	43.60	58.840		
5,900.00	5,849.49	5,205.07	4,822.56	24.15	35.49	125.65	2,023.88	-189.49	2,612.50	2,568.05	44.45	58.770		
6,000.00	5,948.46	5,283.12	4,903.10	24.59	36.08	125.67	2,059.60	-193.22	2,659.64	2,614.43	45.21	58.830		
6,100.00	6,047.44	5,371.31	4,983.65	25.02	36.76	125.69	2,095.32	-196.95	2,706.77	2,660.76	46.01	58.825		
6,200.00	6,146.41	5,459.50	5,064.19	25.45	37.43	125.71	2,131.04	-200.67	2,753.91	2,707.09	46.82	58.819		
6,300.00	6,245.39	5,547.69	5,144.74	25.89	38.10	125.74	2,166.76	-204.40	2,801.05	2,753.42	47.63	58.813		
6,400.00	6,344.36	5,635.88	5,225.28	26.32	38.77	125.76	2,202.47	-208.13	2,848.19	2,799.75	48.43	58.807		
6,500.00	6,443.34	5,724.06	5,305.83	26.76	39.45	125.77	2,238.19	-211.86	2,895.33	2,846.09	49.24	58.800		
6,600.00	6,542.31	5,812.25	5,386.37	27.19	40.12	125.79	2,273.91	-215.58	2,942.47	2,892.42	50.05	58.794		
6,700.00	6,641.29	5,900.44	5,466.92	27.63	40.79	125.81	2,309.63	-219.31	2,989.60	2,938.75	50.85	58.787		
6,800.00	6,740.26	5,988.63	5,547.46	28.06	41.46	125.83	2,345.35	-223.04	3,036.74	2,985.08	51.66	58.780		
6,900.00	6,839.24	6,076.82	5,628.01	28.50	42.14	125.85	2,381.07	-226.77	3,083.88	3,031.41	52.47	58.773		
7,000.00	6,938.21	6,165.01	5,708.55	28.93	42.81	125.86	2,416.79	-230.49	3,131.02	3,077.74	53.28	58.766		
7,100.00	7,037.18	6,253.20	5,789.10	29.36	43.48	125.88	2,452.51	-234.22	3,178.16	3,124.07	54.09	58.758		
7,200.00	7,136.16	6,341.38	5,869.64	29.80	44.15	125.90	2,488.23	-237.95	3,225.30	3,170.40	54.90	58.751		
7,300.00	7,235.71	6,429.68	5,950.29	30.16	44.83	-134.04	2,523.99	-241.68	3,271.34	3,215.71	55.63	58.810		
7,400.00	7,334.44	6,516.42	6,029.51	30.38	45.49	-91.79	2,559.12	-245.35	3,314.34	3,258.14	56.20	58.974		
7,500.00	7,429.33	6,601.02	6,104.91	30.53	46.14	-81.09	2,592.56	-248.84	3,353.36	3,296.71	56.66	59.189		
7,600.00	7,517.51	6,674.84	6,174.20	30.60	46.70	-75.57	2,623.28	-252.04	3,387.77	3,330.79	56.98	59.457		
7,700.00	7,596.31	6,741.70	6,235.26	30.64	47.21	-72.09	2,650.36	-254.87	3,417.18	3,359.95	57.23	59.709		
7,800.00	7,663.31	6,797.52	6,286.24	30.67	47.63	-69.74	2,672.97	-257.23	3,441.43	3,383.97	57.45	59.902		
7,900.00	7,716.50	6,840.61	6,325.60	30.73	47.96	-68.12	2,690.43	-259.05	3,460.45	3,402.75	57.70	59.976		
8,000.00	7,754.25	6,869.67	6,352.14	30.89	48.18	-67.03	2,702.20	-260.28	3,474.26	3,416.24	58.02	59.882		
8,100.00	7,775.41	6,883.80	6,365.05	31.21	48.29	-66.34	2,707.92	-260.87	3,482.86	3,424.42	58.44	59.597		
8,200.00	7,780.00	6,883.16	6,364.46	31.71	48.29	-66.03	2,707.66	-260.85	3,486.51	3,427.55	58.96	59.133		
8,300.00	7,780.00	6,878.45	6,360.16	32.46	48.25	-65.96	2,705.75	-260.65	3,490.87	3,431.21	59.66	58.510		
8,400.00	7,780.00	6,873.74	6,355.86	33.45	48.22	-65.88	2,703.84	-260.45	3,498.08	3,437.52	60.56	57.761		
8,500.00	7,780.00	6,869.02	6,351.55	34.65	48.18	-65.80	2,701.94	-260.25	3,508.12	3,446.48	61.64	56.917		
8,600.00	7,780.00	6,864.31	6,347.25	36.03	48.14	-65.72	2,700.03	-260.05	3,520.96	3,458.10	62.86	56.011		
8,700.00	7,780.00	6,859.60	6,342.95	37.56	48.11	-65.65	2,698.12	-259.85	3,536.58	3,472.36	64.22	55.072		
8,800.00	7,780.00	6,854.89	6,338.64	39.22	48.07	-65.57	2,696.21	-259.65	3,554.94	3,489.26	65.68	54.123		
8,900.00	7,780.00	6,850.18	6,334.34	40.99	48.04	-65.49	2,694.30	-259.45	3,576.00	3,508.76	67.23	53.187		
9,000.00	7,780.00	6,845.47	6,330.04	42.86	48.00	-65.41	2,692.39	-259.25	3,599.70	3,530.85	68.86	52.279		
9,100.00	7,780.00	6,840.75	6,325.73	44.82	47.96	-65.34	2,690.48	-259.05	3,626.01	3,555.48	70.53	51.412		
9,200.00	7,780.00	6,836.04	6,321.43	46.84	47.93	-65.26	2,688.58	-258.86	3,654.85	3,582.61	72.24	50.594		
9,300.00	7,780.00	6,831.33	6,317.13	48.94	47.89	-65.18	2,686.67	-258.66	3,686.18	3,612.21	73.97	49.832		
9,400.00	7,780.00	6,826.62	6,312.82	51.09	47.86	-65.10	2,684.76	-258.46	3,719.92	3,644.21	75.72	49.129		
9,500.00	7,780.00	6,821.91	6,308.52	53.29	47.82	-65.03	2,682.85	-258.26	3,756.02	3,678.56	77.46	48.488		
9,600.00	7,780.00	6,817.20	6,304.21	55.53	47.78	-64.95	2,680.94	-258.06	3,794.41	3,715.21	79.20	47.908		
9,700.00	7,780.00	6,812.48	6,299.91	57.81	47.75	-64.87	2,679.03	-257.86	3,835.02	3,754.09	80.92	47.391		
9,800.00	7,780.00	6,807.77	6,295.61	60.13	47.71	-64.80	2,677.13	-257.66	3,877.77	3,795.15	82.62	46.934		
9,900.00	7,780.00	6,803.06	6,291.30	62.48	47.68	-64.72	2,675.22	-257.46	3,922.60	3,838.31	84.29	46.536		
10,000.00	7,780.00	6,801.65	6,287.00	64.85	47.67	-64.64	2,673.31	-257.26	3,969.44	3,883.50	85.95	46.185		
10,100.00	7,780.00	6,806.36	6,282.70	67.25	47.70	-64.56	2,671.40	-257.06	4,018.22	3,930.63	87.59	45.873		
10,200.00	7,780.00	6,788.92	6,278.39	69.67	47.57	-64.49	2,669.49	-256.86	4,068.87	3,979.78	89.09	45.673		
10,300.00	7,780.00	6,784.21	6,274.09	72.11	47.53	-64.41	2,667.58	-256.67	4,121.31	4,030.71	90.60	45.487		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,400.00	7,780.00	6,779.50	6,269.79	74.56	47.50	-64.33	2,665.68	-256.47	4,175.49	4,083.41	92.08	45.348		
10,500.00	7,780.00	6,774.79	6,265.48	77.04	47.46	-64.25	2,663.77	-256.27	4,231.33	4,137.82	93.50	45.254		
10,600.00	7,780.00	6,770.08	6,261.18	79.52	47.43	-64.18	2,661.86	-256.07	4,288.77	4,193.88	94.88	45.201		
10,700.00	7,780.00	6,765.37	6,256.88	82.02	47.39	-64.10	2,659.95	-255.87	4,347.74	4,251.53	96.21	45.188 SF		
10,800.00	7,780.00	6,760.65	6,252.57	84.54	47.35	-64.02	2,658.04	-255.67	4,408.19	4,310.69	97.50	45.212		
10,900.00	7,780.00	6,755.94	6,248.27	87.06	47.32	-63.95	2,656.13	-255.47	4,470.06	4,371.32	98.74	45.272		
11,000.00	7,780.00	6,751.23	6,243.97	89.59	47.28	-63.87	2,654.23	-255.27	4,533.28	4,433.35	99.93	45.364		
11,100.00	7,780.00	6,746.52	6,239.66	92.14	47.25	-63.79	2,652.32	-255.07	4,597.81	4,496.73	101.08	45.488		
11,200.00	7,780.00	6,741.81	6,235.36	94.69	47.21	-63.71	2,650.41	-254.87	4,663.58	4,561.40	102.18	45.641		
11,300.00	7,780.00	6,737.10	6,231.06	97.24	47.17	-63.64	2,648.50	-254.67	4,730.54	4,627.31	103.24	45.822		
11,400.00	7,780.00	6,732.38	6,226.75	99.81	47.14	-63.56	2,646.59	-254.47	4,798.65	4,694.40	104.25	46.029		
11,500.00	7,780.00	6,727.67	6,222.45	102.38	47.10	-63.48	2,644.68	-254.28	4,867.86	4,762.64	105.23	46.261		
11,600.00	7,780.00	6,722.96	6,218.15	104.96	47.07	-63.40	2,642.77	-254.08	4,938.12	4,831.96	106.16	46.516		
11,700.00	7,780.00	6,718.25	6,213.84	107.55	47.03	-63.33	2,640.87	-253.88	5,009.38	4,902.33	107.05	46.794		
11,800.00	7,780.00	6,713.54	6,209.54	110.14	46.99	-63.25	2,638.96	-253.68	5,081.61	4,973.70	107.91	47.091		
11,900.00	7,780.00	6,708.82	6,205.24	112.73	46.96	-63.17	2,637.05	-253.48	5,154.77	5,046.04	108.73	47.409		
12,000.00	7,780.00	6,704.11	6,200.93	115.33	46.92	-63.10	2,635.14	-253.28	5,228.80	5,119.29	109.52	47.745		
12,100.00	7,780.00	6,700.60	6,196.63	117.93	46.90	-63.02	2,633.23	-253.08	5,303.69	5,193.41	110.27	48.095		
12,200.00	7,780.00	6,705.31	6,192.33	120.54	46.93	-62.94	2,631.32	-252.88	5,379.39	5,268.33	111.05	48.440		
12,300.00	7,780.00	6,699.98	6,188.02	123.15	46.81	-62.86	2,629.42	-252.68	5,455.86	5,344.19	111.67	48.855		
12,400.00	7,780.00	6,685.27	6,183.72	125.77	46.78	-62.79	2,627.51	-252.48	5,533.09	5,420.75	112.33	49.256		
12,500.00	7,780.00	6,680.55	6,179.42	128.39	46.74	-62.71	2,625.60	-252.28	5,611.02	5,498.06	112.96	49.671		
12,600.00	7,780.00	6,675.84	6,175.11	131.01	46.71	-62.63	2,623.69	-252.08	5,689.65	5,576.08	113.57	50.100		
12,700.00	7,780.00	6,671.13	6,170.81	133.63	46.67	-62.56	2,621.78	-251.89	5,768.93	5,654.79	114.14	50.542		
12,800.00	7,780.00	6,666.42	6,166.51	136.26	46.63	-62.48	2,619.87	-251.69	5,848.84	5,734.15	114.69	50.995		
12,900.00	7,780.00	6,661.71	6,162.20	138.89	46.60	-62.40	2,617.97	-251.49	5,929.36	5,814.14	115.22	51.461		
13,000.00	7,780.00	6,657.00	6,157.90	141.52	46.56	-62.32	2,616.06	-251.29	6,010.46	5,894.74	115.73	51.937		
13,100.00	7,780.00	6,652.28	6,153.60	144.16	46.53	-62.25	2,614.15	-251.09	6,092.12	5,975.91	116.21	52.424		
13,200.00	7,780.00	6,647.57	6,149.29	146.79	46.49	-62.17	2,612.24	-250.89	6,174.32	6,057.65	116.67	52.921		
13,300.00	7,780.00	6,642.86	6,144.99	149.43	46.45	-62.09	2,610.33	-250.69	6,257.03	6,139.92	117.11	53.427		
13,400.00	7,780.00	6,638.15	6,140.69	152.07	46.42	-62.02	2,608.42	-250.49	6,340.23	6,222.70	117.54	53.943		
13,500.00	7,780.00	6,633.44	6,136.38	154.72	46.38	-61.94	2,606.52	-250.29	6,423.91	6,305.97	117.94	54.467		
13,600.00	7,780.00	6,628.72	6,132.08	157.36	46.35	-61.86	2,604.61	-250.09	6,508.05	6,389.72	118.33	55.000		
13,700.00	7,780.00	6,624.01	6,127.78	160.01	46.31	-61.79	2,602.70	-249.89	6,592.63	6,473.93	118.70	55.541		
13,800.00	7,780.00	6,619.30	6,123.47	162.66	46.27	-61.71	2,600.79	-249.69	6,677.63	6,558.58	119.05	56.090		
13,900.00	7,780.00	6,614.59	6,119.17	165.31	46.24	-61.63	2,598.88	-249.50	6,763.04	6,643.64	119.39	56.645		
14,000.00	7,780.00	6,609.88	6,114.87	167.96	46.20	-61.55	2,596.97	-249.30	6,848.84	6,729.12	119.72	57.208		
14,100.00	7,780.00	6,605.17	6,110.56	170.61	46.17	-61.48	2,595.06	-249.10	6,935.01	6,814.98	120.03	57.778		
14,200.00	7,780.00	6,600.45	6,106.26	173.26	46.13	-61.40	2,593.16	-248.90	7,021.55	6,901.22	120.33	58.354		
14,300.00	7,780.00	6,604.26	6,101.96	175.92	46.16	-61.32	2,591.25	-248.70	7,108.44	6,987.77	120.67	58.908		
14,400.00	7,780.00	6,608.97	6,097.65	178.58	46.20	-61.25	2,589.34	-248.50	7,195.67	7,074.66	121.01	59.465		
14,500.00	7,780.00	6,586.32	6,093.35	181.23	46.02	-61.17	2,587.43	-248.30	7,283.22	7,162.07	121.15	60.119		
14,600.00	7,780.00	6,581.61	6,089.05	183.89	45.99	-61.09	2,585.52	-248.10	7,371.09	7,249.69	121.40	60.718		
14,700.00	7,780.00	6,576.90	6,084.74	186.55	45.95	-61.02	2,583.61	-247.90	7,459.26	7,337.62	121.64	61.323		
14,800.00	7,780.00	6,572.18	6,080.44	189.21	45.92	-60.94	2,581.71	-247.70	7,547.72	7,425.85	121.87	61.933		
14,900.00	7,780.00	6,567.47	6,076.14	191.88	45.88	-60.86	2,579.80	-247.50	7,636.46	7,514.37	122.09	62.548		
15,000.00	7,780.00	6,562.76	6,071.83	194.54	45.84	-60.79	2,577.89	-247.30	7,725.47	7,603.17	122.30	63.168		
15,100.00	7,780.00	6,558.05	6,067.53	197.20	45.81	-60.71	2,575.98	-247.11	7,814.75	7,692.25	122.50	63.793		
15,200.00	7,780.00	6,553.34	6,063.23	199.87	45.77	-60.63	2,574.07	-246.91	7,904.28	7,781.59	122.70	64.421		
15,300.00	7,780.00	6,548.62	6,058.92	202.53	45.74	-60.56	2,572.16	-246.71	7,994.06	7,871.18	122.88	65.055		
15,400.00	7,780.00	6,543.91	6,054.62	205.20	45.70	-60.48	2,570.26	-246.51	8,084.08	7,961.02	123.06	65.692		
15,500.00	7,780.00	6,539.20	6,050.32	207.86	45.66	-60.40	2,568.35	-246.31	8,174.32	8,051.09	123.23	66.333		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
15,600.00	7,780.00	6,534.49	6,046.01	210.53	45.63	-60.33	2,566.44	-246.11	8,264.79	8,141.39	123.40	66.978	
15,700.00	7,780.00	6,529.78	6,041.71	213.20	45.59	-60.25	2,564.53	-245.91	8,355.47	8,231.91	123.55	67.627	
15,800.00	7,780.00	6,524.84	6,037.20	215.87	45.55	-58.89	2,562.53	-245.70	8,446.55	8,322.85	123.70	68.284	
15,900.00	7,780.00	6,518.63	6,031.53	218.54	45.51	-56.20	2,560.02	-245.44	8,538.89	8,415.08	123.81	68.968	
16,000.00	7,780.00	6,511.19	6,024.73	221.22	45.45	-54.58	2,557.00	-245.13	8,632.33	8,508.45	123.89	69.680	
16,100.00	7,780.00	6,503.57	6,017.78	223.89	45.39	-54.44	2,553.92	-244.80	8,726.04	8,602.09	123.95	70.397	
16,200.00	7,780.00	6,504.04	6,010.82	226.57	45.40	-54.30	2,550.83	-244.48	8,819.89	8,695.81	124.07	71.086	
16,300.00	7,780.00	6,488.34	6,003.86	229.24	45.28	-54.16	2,547.75	-244.16	8,913.85	8,789.78	124.08	71.842	
16,400.00	7,780.00	6,480.72	5,996.90	231.92	45.22	-54.02	2,544.66	-243.84	9,007.95	8,883.82	124.13	72.568	
16,500.00	7,780.00	6,473.10	5,989.95	234.60	45.16	-53.88	2,541.58	-243.52	9,102.16	8,977.98	124.18	73.297	
16,600.00	7,780.00	6,465.48	5,982.99	237.28	45.10	-53.74	2,538.49	-243.19	9,196.49	9,072.26	124.23	74.029	
16,700.00	7,780.00	6,457.87	5,976.03	239.96	45.04	-53.60	2,535.40	-242.87	9,290.93	9,166.65	124.27	74.763	
16,800.00	7,780.00	6,450.25	5,969.07	242.64	44.99	-53.46	2,532.32	-242.55	9,385.47	9,261.16	124.31	75.500	
16,900.00	7,780.00	6,442.63	5,962.11	245.32	44.93	-53.32	2,529.23	-242.23	9,480.13	9,355.78	124.35	76.239	
17,000.00	7,780.00	6,435.01	5,955.16	248.00	44.87	-53.18	2,526.15	-241.91	9,574.89	9,450.51	124.38	76.980	
17,100.00	7,780.00	6,427.39	5,948.20	250.68	44.81	-53.04	2,523.06	-241.58	9,669.74	9,545.33	124.41	77.724	
17,200.00	7,780.00	6,419.78	5,941.24	253.36	44.75	-52.90	2,519.98	-241.26	9,764.70	9,640.26	124.44	78.470	
17,300.00	7,780.00	6,412.16	5,934.28	256.04	44.69	-52.76	2,516.89	-240.94	9,859.74	9,735.28	124.46	79.219	
17,400.00	7,780.00	6,404.54	5,927.33	258.72	44.64	-52.63	2,513.81	-240.62	9,954.88	9,830.40	124.48	79.969	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.20	0.20	0.00	0.00	0.18	179.95	0.56	179.95					
100.00	100.00	100.20	100.20	0.13	0.14	0.18	179.95	0.56	179.95	179.68	0.27	667.542		
200.00	200.00	200.20	200.20	0.49	0.49	0.18	179.95	0.56	179.95	178.96	0.99	182.410	CC, ES	
300.00	300.00	294.29	294.27	0.85	0.83	0.12	181.49	0.37	181.59	179.90	1.69	107.652		
400.00	400.00	388.18	388.05	1.21	1.18	-0.06	186.08	-0.19	186.48	184.09	2.39	78.103		
500.00	500.00	481.68	481.22	1.57	1.52	-0.33	193.68	-1.13	194.61	191.53	3.08	63.091		
600.00	600.00	574.57	573.51	1.93	1.87	-0.68	204.22	-2.42	205.97	202.19	3.78	54.532		
700.00	700.00	666.68	664.62	2.29	2.24	-1.07	217.59	-4.07	220.52	216.06	4.46	49.402		
800.00	799.98	757.70	754.18	2.63	2.63	116.80	233.66	-6.04	239.00	233.86	5.13	46.548		
900.00	899.84	847.18	841.69	2.97	3.04	116.90	252.20	-8.32	262.09	256.29	5.79	45.238		
1,000.00	999.45	934.79	926.76	3.32	3.46	117.35	272.97	-10.87	289.73	283.28	6.45	44.897		
1,100.00	1,098.70	1,020.20	1,009.04	3.69	3.91	117.99	295.69	-13.67	321.88	314.78	7.10	45.308		
1,200.00	1,197.68	1,103.45	1,088.55	4.07	4.36	119.14	320.18	-16.68	357.85	350.09	7.76	46.111		
1,300.00	1,296.65	1,184.89	1,165.60	4.46	4.84	120.07	346.33	-19.89	396.59	388.19	8.41	47.183		
1,400.00	1,395.63	1,269.59	1,245.01	4.86	5.36	120.82	375.58	-23.49	437.70	428.62	9.09	48.171		
1,500.00	1,494.60	1,360.42	1,330.03	5.27	5.94	121.48	407.30	-27.39	479.27	469.44	9.83	48.761		
1,600.00	1,593.58	1,451.24	1,415.05	5.67	6.53	122.03	439.01	-31.29	520.88	510.30	10.58	49.234		
1,700.00	1,692.55	1,542.07	1,500.07	6.09	7.12	122.51	470.73	-35.19	562.52	551.18	11.34	49.617		
1,800.00	1,791.53	1,632.89	1,585.09	6.50	7.71	122.91	502.44	-39.08	604.19	592.09	12.10	49.932		
1,900.00	1,890.50	1,723.72	1,670.11	6.92	8.31	123.27	534.16	-42.98	645.89	633.02	12.87	50.193		
2,000.00	1,989.48	1,814.54	1,755.13	7.34	8.91	123.58	565.87	-46.88	687.60	673.96	13.64	50.413		
2,100.00	2,088.45	1,905.37	1,840.14	7.76	9.52	123.86	597.59	-50.78	729.32	714.91	14.41	50.598		
2,200.00	2,187.43	1,996.20	1,925.16	8.19	10.12	124.10	629.30	-54.68	771.06	755.87	15.19	50.756		
2,300.00	2,286.40	2,087.02	2,010.18	8.61	10.73	124.32	661.02	-58.58	812.81	796.84	15.97	50.891		
2,400.00	2,385.38	2,177.85	2,095.20	9.04	11.34	124.52	692.73	-62.48	854.57	837.82	16.75	51.008		
2,500.00	2,484.35	2,268.67	2,180.22	9.46	11.95	124.71	724.45	-66.38	896.34	878.80	17.54	51.109		
2,600.00	2,583.32	2,359.50	2,265.24	9.89	12.56	124.87	756.16	-70.28	938.11	919.79	18.32	51.198		
2,700.00	2,682.30	2,450.32	2,350.26	10.32	13.17	125.02	787.88	-74.18	979.89	960.78	19.11	51.276		
2,800.00	2,781.27	2,541.15	2,435.28	10.75	13.79	125.16	819.59	-78.08	1,021.67	1,001.77	19.90	51.345		
2,900.00	2,880.25	2,631.97	2,520.30	11.18	14.40	125.29	851.31	-81.97	1,063.46	1,042.77	20.69	51.406		
3,000.00	2,979.22	2,722.80	2,605.32	11.61	15.01	125.41	883.02	-85.87	1,105.25	1,083.78	21.48	51.460		
3,100.00	3,078.20	2,813.62	2,690.33	12.04	15.63	125.51	914.74	-89.77	1,147.05	1,124.78	22.27	51.508		
3,200.00	3,177.17	2,904.45	2,775.35	12.47	16.24	125.62	946.45	-93.67	1,188.85	1,165.79	23.06	51.551		
3,300.00	3,276.15	3,004.72	2,860.37	12.90	16.92	125.71	978.17	-97.57	1,230.65	1,206.75	23.90	51.497		
3,400.00	3,375.12	3,086.10	2,945.39	13.33	17.47	125.80	1,009.88	-101.47	1,272.46	1,247.81	24.65	51.625		
3,500.00	3,474.10	3,176.93	3,030.41	13.76	18.09	125.88	1,041.60	-105.37	1,314.26	1,288.82	25.44	51.656		
3,600.00	3,573.07	3,267.75	3,115.43	14.19	18.70	125.96	1,073.31	-109.27	1,356.07	1,329.83	26.24	51.684		
3,700.00	3,672.05	3,358.58	3,200.45	14.62	19.32	126.03	1,105.03	-113.17	1,397.88	1,370.85	27.03	51.710		
3,800.00	3,771.02	3,449.40	3,285.47	15.05	19.93	126.10	1,136.74	-117.07	1,439.70	1,411.87	27.83	51.733		
3,900.00	3,870.00	3,540.23	3,370.49	15.49	20.55	126.17	1,168.46	-120.97	1,481.51	1,452.88	28.63	51.754		
4,000.00	3,968.97	3,631.05	3,455.51	15.92	21.17	126.23	1,200.17	-124.86	1,523.33	1,493.90	29.42	51.773		
4,100.00	4,067.94	3,721.88	3,540.52	16.35	21.79	126.29	1,231.89	-128.76	1,565.14	1,534.92	30.22	51.790		
4,200.00	4,166.92	3,812.71	3,625.54	16.78	22.40	126.34	1,263.60	-132.66	1,606.96	1,575.94	31.02	51.806		
4,300.00	4,265.89	3,903.53	3,710.56	17.22	23.02	126.39	1,295.32	-136.56	1,648.78	1,616.97	31.82	51.820		
4,400.00	4,364.87	4,005.64	3,795.58	17.65	23.71	126.44	1,327.03	-140.46	1,690.60	1,657.94	32.67	51.750		
4,500.00	4,463.84	4,085.18	3,880.60	18.08	24.25	126.49	1,358.75	-144.36	1,732.43	1,699.01	33.42	51.845		
4,600.00	4,562.82	4,176.01	3,965.62	18.51	24.87	126.54	1,390.46	-148.26	1,774.25	1,740.03	34.22	51.855		
4,700.00	4,661.79	4,266.83	4,050.64	18.95	25.49	126.58	1,422.18	-152.16	1,816.07	1,781.06	35.02	51.865		
4,800.00	4,760.77	4,357.66	4,135.66	19.38	26.11	126.62	1,453.89	-156.06	1,857.90	1,822.08	35.82	51.874		
4,900.00	4,859.74	4,448.48	4,220.68	19.81	26.73	126.66	1,485.61	-159.96	1,899.72	1,863.11	36.62	51.882		
5,000.00	4,958.72	4,539.31	4,305.70	20.25	27.34	126.70	1,517.32	-163.85	1,941.55	1,904.13	37.42	51.889		
5,100.00	5,057.69	4,630.14	4,390.71	20.68	27.96	126.73	1,549.04	-167.75	1,983.38	1,945.16	38.22	51.895		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	5,156.67	4,720.96	4,475.73	21.12	28.58	126.77	1,580.75	-171.65	2,025.20	1,986.18	39.02	51.901		
5,300.00	5,255.64	4,811.79	4,560.75	21.55	29.20	126.80	1,612.47	-175.55	2,067.03	2,027.21	39.82	51.906		
5,400.00	5,354.62	4,902.61	4,645.77	21.98	29.82	126.83	1,644.18	-179.45	2,108.86	2,068.23	40.62	51.911		
5,500.00	5,453.59	5,006.56	4,730.79	22.42	30.52	126.86	1,675.90	-183.35	2,150.69	2,109.20	41.49	51.839		
5,600.00	5,552.56	5,084.26	4,815.81	22.85	31.05	126.89	1,707.61	-187.25	2,192.52	2,150.29	42.23	51.918		
5,700.00	5,651.54	5,175.09	4,900.83	23.28	31.67	126.92	1,739.33	-191.15	2,234.35	2,191.31	43.03	51.921		
5,800.00	5,750.51	5,265.91	4,985.85	23.72	32.29	126.95	1,771.04	-195.05	2,276.18	2,232.34	43.84	51.924		
5,900.00	5,849.49	5,356.74	5,070.87	24.15	32.91	126.98	1,802.76	-198.95	2,318.01	2,273.37	44.64	51.926		
6,000.00	5,948.46	5,447.56	5,155.88	24.59	33.53	127.00	1,834.47	-202.85	2,359.84	2,314.39	45.44	51.928		
6,100.00	6,047.44	5,538.39	5,240.90	25.02	34.15	127.02	1,866.19	-206.74	2,401.67	2,355.42	46.25	51.929		
6,200.00	6,146.41	5,629.22	5,325.92	25.45	34.76	127.05	1,897.90	-210.64	2,443.50	2,396.45	47.05	51.930		
6,300.00	6,245.39	5,720.04	5,410.94	25.89	35.38	127.07	1,929.62	-214.54	2,485.33	2,437.48	47.86	51.931		
6,400.00	6,344.36	5,810.87	5,495.96	26.32	36.00	127.09	1,961.33	-218.44	2,527.17	2,478.50	48.66	51.931		
6,500.00	6,443.34	5,901.69	5,580.98	26.76	36.62	127.11	1,993.05	-222.34	2,569.00	2,519.53	49.47	51.931		
6,600.00	6,542.31	6,007.48	5,666.00	27.19	37.34	127.14	2,024.76	-226.24	2,610.83	2,560.49	50.34	51.859		
6,700.00	6,641.29	6,083.34	5,751.02	27.63	37.86	127.16	2,056.48	-230.14	2,652.67	2,601.59	51.08	51.931		
6,800.00	6,740.26	6,174.17	5,836.04	28.06	38.48	127.18	2,088.19	-234.04	2,694.50	2,642.61	51.89	51.930		
6,900.00	6,839.24	6,264.99	5,921.06	28.50	39.10	127.19	2,119.91	-237.94	2,736.33	2,683.64	52.69	51.929		
7,000.00	6,938.21	6,355.82	6,006.07	28.93	39.71	127.21	2,151.62	-241.84	2,778.17	2,724.67	53.50	51.928		
7,100.00	7,037.18	6,446.65	6,091.09	29.36	40.33	127.23	2,183.34	-245.74	2,820.00	2,765.69	54.31	51.926		
7,200.00	7,136.16	6,537.47	6,176.11	29.80	40.95	127.25	2,215.05	-249.63	2,861.84	2,806.72	55.12	51.924		
7,300.00	7,235.11	6,628.42	6,261.25	30.16	41.57	-133.45	2,246.81	-253.54	2,902.39	2,846.55	55.84	51.976		
7,400.00	7,334.44	6,717.79	6,344.91	30.38	42.18	-91.97	2,278.02	-257.38	2,939.66	2,883.25	56.41	52.108		
7,500.00	7,429.33	6,802.88	6,424.55	30.53	42.76	-82.00	2,307.73	-261.03	2,972.93	2,916.07	56.86	52.285		
7,600.00	7,517.51	6,881.09	6,497.76	30.60	43.29	-77.17	2,335.04	-264.39	3,001.80	2,944.61	57.19	52.485		
7,700.00	7,596.31	6,950.04	6,562.31	30.64	43.76	-74.29	2,359.12	-267.35	3,026.16	2,968.71	57.45	52.676		
7,800.00	7,663.31	7,007.65	6,616.24	30.67	44.16	-72.44	2,379.24	-269.82	3,046.07	2,988.39	57.67	52.815		
7,900.00	7,716.50	7,052.17	6,657.90	30.73	44.46	-71.21	2,394.78	-271.73	3,061.70	3,003.77	57.93	52.854		
8,000.00	7,754.25	7,082.23	6,686.04	30.89	44.67	-70.37	2,405.28	-273.02	3,073.23	3,014.97	58.26	52.751		
8,100.00	7,775.41	7,103.08	6,699.80	31.21	44.81	-69.79	2,410.41	-273.65	3,080.80	3,022.08	58.72	52.466		
8,200.00	7,780.00	7,103.59	6,699.31	31.71	44.81	-69.47	2,410.23	-273.63	3,084.70	3,025.44	59.26	52.055		
8,300.00	7,780.00	7,108.31	6,694.90	32.46	44.84	-69.39	2,408.58	-273.43	3,089.92	3,029.91	60.01	51.487		
8,400.00	7,780.00	7,086.98	6,690.49	33.45	44.70	-69.30	2,406.94	-273.22	3,098.36	3,037.51	60.85	50.917		
8,500.00	7,780.00	7,082.27	6,686.08	34.65	44.67	-69.21	2,405.29	-273.02	3,109.98	3,048.05	61.93	50.216		
8,600.00	7,780.00	7,077.56	6,681.67	36.03	44.63	-69.12	2,403.65	-272.82	3,124.76	3,061.60	63.16	49.473		
8,700.00	7,780.00	7,072.85	6,677.26	37.56	44.60	-69.04	2,402.00	-272.62	3,142.64	3,078.13	64.51	48.714		
8,800.00	7,780.00	7,068.14	6,672.86	39.22	44.57	-68.95	2,400.36	-272.42	3,163.58	3,097.62	65.96	47.960		
8,900.00	7,780.00	7,063.43	6,668.45	40.99	44.54	-68.86	2,398.71	-272.21	3,187.51	3,120.02	67.49	47.228		
9,000.00	7,780.00	7,058.72	6,664.04	42.86	44.50	-68.77	2,397.07	-272.01	3,214.37	3,145.29	69.08	46.532		
9,100.00	7,780.00	7,054.01	6,659.63	44.82	44.47	-68.69	2,395.42	-271.81	3,244.09	3,173.38	70.71	45.882		
9,200.00	7,780.00	7,049.30	6,655.22	46.84	44.44	-68.60	2,393.78	-271.61	3,276.58	3,204.22	72.36	45.283		
9,300.00	7,780.00	7,044.58	6,650.81	48.94	44.41	-68.51	2,392.13	-271.40	3,311.76	3,237.74	74.02	44.742		
9,400.00	7,780.00	7,039.87	6,646.40	51.09	44.38	-68.42	2,390.49	-271.20	3,349.56	3,273.88	75.68	44.259		
9,500.00	7,780.00	7,035.16	6,641.99	53.29	44.34	-68.34	2,388.84	-271.00	3,389.88	3,312.55	77.33	43.837		
9,600.00	7,780.00	7,030.45	6,637.58	55.53	44.31	-68.25	2,387.20	-270.80	3,432.63	3,353.67	78.96	43.475		
9,700.00	7,780.00	7,025.74	6,633.17	57.81	44.28	-68.16	2,385.55	-270.60	3,477.73	3,397.17	80.56	43.171		
9,800.00	7,780.00	7,021.03	6,628.76	60.13	44.25	-68.07	2,383.91	-270.39	3,525.08	3,442.96	82.12	42.924		
9,900.00	7,780.00	7,016.32	6,624.35	62.48	44.22	-67.99	2,382.26	-270.19	3,574.60	3,490.94	83.65	42.732		
10,000.00	7,780.00	7,011.61	6,619.94	64.85	44.18	-67.90	2,380.62	-269.99	3,626.19	3,541.05	85.14	42.593		
10,100.00	7,780.00	7,006.90	6,615.53	67.25	44.15	-67.81	2,378.97	-269.79	3,679.77	3,593.19	86.57	42.504		
10,200.00	7,780.00	7,002.18	6,611.12	69.67	44.12	-67.73	2,377.33	-269.58	3,735.25	3,647.29	87.97	42.463 SF		
10,300.00	7,780.00	6,997.47	6,606.71	72.11	44.09	-67.64	2,375.68	-269.38	3,792.56	3,703.25	89.31	42.466		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,400.00	7,780.00	6,992.76	6,602.30	74.56	44.06	-67.55	2,374.04	-269.18	3,851.60	3,761.00	90.60	42.512		
10,500.00	7,780.00	6,988.05	6,597.89	77.04	44.02	-67.46	2,372.39	-268.98	3,912.30	3,820.46	91.84	42.598		
10,600.00	7,780.00	6,983.34	6,593.48	79.52	43.99	-67.38	2,370.75	-268.77	3,974.59	3,881.55	93.04	42.721		
10,700.00	7,780.00	6,978.63	6,589.07	82.02	43.96	-67.29	2,369.10	-268.57	4,038.38	3,944.20	94.18	42.880		
10,800.00	7,780.00	6,973.92	6,584.66	84.54	43.93	-67.20	2,367.46	-268.37	4,103.62	4,008.35	95.27	43.072		
10,900.00	7,780.00	6,969.21	6,580.25	87.06	43.89	-67.11	2,365.81	-268.17	4,170.23	4,073.91	96.32	43.296		
11,000.00	7,780.00	6,964.50	6,575.84	89.59	43.86	-67.03	2,364.17	-267.97	4,238.14	4,140.82	97.32	43.549		
11,100.00	7,780.00	6,959.79	6,571.43	92.14	43.83	-66.94	2,362.52	-267.76	4,307.30	4,209.03	98.28	43.829		
11,200.00	7,780.00	6,955.07	6,567.02	94.69	43.80	-66.85	2,360.88	-267.56	4,377.65	4,278.47	99.19	44.135		
11,300.00	7,780.00	6,950.36	6,562.61	97.24	43.77	-66.76	2,359.23	-267.36	4,449.13	4,349.07	100.06	44.466		
11,400.00	7,780.00	6,945.65	6,558.20	99.81	43.73	-66.68	2,357.59	-267.16	4,521.69	4,420.80	100.89	44.820		
11,500.00	7,780.00	6,940.94	6,553.79	102.38	43.70	-66.59	2,355.94	-266.95	4,595.27	4,493.59	101.68	45.195		
11,600.00	7,780.00	6,936.23	6,549.38	104.96	43.67	-66.50	2,354.30	-266.75	4,669.83	4,567.40	102.43	45.591		
11,700.00	7,780.00	6,931.52	6,544.97	107.55	43.64	-66.42	2,352.65	-266.55	4,745.32	4,642.17	103.15	46.005		
11,800.00	7,780.00	6,926.81	6,540.56	110.14	43.61	-66.33	2,351.01	-266.35	4,821.70	4,717.87	103.83	46.438		
11,900.00	7,780.00	6,922.10	6,536.15	112.73	43.57	-66.24	2,349.36	-266.15	4,898.92	4,794.44	104.48	46.888		
12,000.00	7,780.00	6,917.39	6,531.74	115.33	43.54	-66.15	2,347.72	-265.94	4,976.95	4,871.85	105.10	47.354		
12,100.00	7,780.00	6,912.68	6,527.33	117.93	43.51	-66.07	2,346.07	-265.74	5,055.75	4,950.06	105.69	47.836		
12,200.00	7,780.00	6,907.96	6,522.92	120.54	43.48	-65.98	2,344.43	-265.54	5,135.28	5,029.03	106.25	48.331		
12,300.00	7,780.00	6,903.25	6,518.51	123.15	43.45	-65.89	2,342.78	-265.34	5,215.52	5,108.73	106.79	48.841		
12,400.00	7,780.00	6,898.54	6,514.10	125.77	43.41	-65.81	2,341.14	-265.13	5,296.42	5,189.12	107.29	49.363		
12,500.00	7,780.00	6,906.17	6,509.69	128.39	43.47	-65.72	2,339.49	-264.93	5,377.96	5,270.11	107.85	49.865		
12,600.00	7,780.00	6,889.12	6,505.28	131.01	43.35	-65.63	2,337.85	-264.73	5,460.11	5,351.87	108.24	50.444		
12,700.00	7,780.00	6,884.41	6,500.87	133.63	43.32	-65.54	2,336.20	-264.53	5,542.84	5,434.16	108.68	51.001		
12,800.00	7,780.00	6,879.70	6,496.46	136.26	43.28	-65.46	2,334.56	-264.33	5,626.13	5,517.03	109.10	51.569		
12,900.00	7,780.00	6,874.99	6,492.05	138.89	43.25	-65.37	2,332.91	-264.12	5,709.96	5,600.46	109.50	52.146		
13,000.00	7,780.00	6,870.28	6,487.64	141.52	43.22	-65.28	2,331.27	-263.92	5,794.29	5,684.41	109.88	52.734		
13,100.00	7,780.00	6,865.56	6,483.23	144.16	43.19	-65.20	2,329.62	-263.72	5,879.11	5,768.87	110.24	53.330		
13,200.00	7,780.00	6,860.85	6,478.82	146.79	43.16	-65.11	2,327.98	-263.52	5,964.39	5,853.81	110.59	53.935		
13,300.00	7,780.00	6,856.14	6,474.41	149.43	43.12	-65.02	2,326.33	-263.31	6,050.13	5,939.21	110.91	54.548		
13,400.00	7,780.00	6,851.43	6,470.00	152.07	43.09	-64.94	2,324.69	-263.11	6,136.29	6,025.06	111.23	55.168		
13,500.00	7,780.00	6,846.72	6,465.59	154.72	43.06	-64.85	2,323.04	-262.91	6,222.86	6,111.33	111.53	55.797		
13,600.00	7,780.00	6,842.01	6,461.18	157.36	43.03	-64.76	2,321.40	-262.71	6,309.82	6,198.01	111.81	56.432		
13,700.00	7,780.00	6,837.30	6,456.77	160.01	43.00	-64.68	2,319.75	-262.51	6,397.17	6,285.08	112.08	57.075		
13,800.00	7,780.00	6,832.59	6,452.36	162.66	42.96	-64.59	2,318.11	-262.30	6,484.87	6,372.53	112.34	57.723		
13,900.00	7,780.00	6,827.88	6,447.95	165.31	42.93	-64.50	2,316.46	-262.10	6,572.92	6,460.33	112.59	58.379		
14,000.00	7,780.00	6,823.17	6,443.54	167.96	42.90	-64.42	2,314.82	-261.90	6,661.31	6,548.48	112.83	59.040		
14,100.00	7,780.00	6,818.45	6,439.13	170.61	42.87	-64.33	2,313.17	-261.70	6,750.02	6,636.96	113.05	59.706		
14,200.00	7,780.00	6,813.74	6,434.72	173.26	42.84	-64.24	2,311.53	-261.49	6,839.03	6,725.77	113.27	60.379		
14,300.00	7,780.00	6,809.03	6,430.31	175.92	42.80	-64.15	2,309.88	-261.29	6,928.35	6,814.87	113.47	61.056		
14,400.00	7,780.00	6,804.32	6,425.90	178.58	42.77	-64.07	2,308.24	-261.09	7,017.94	6,904.27	113.67	61.739		
14,500.00	7,780.00	6,800.39	6,421.49	181.23	42.74	-63.98	2,306.59	-260.89	7,107.82	6,993.95	113.86	62.424		
14,600.00	7,780.00	6,805.10	6,417.08	183.89	42.78	-63.90	2,304.95	-260.69	7,197.95	7,083.85	114.10	63.084		
14,700.00	7,780.00	6,809.81	6,412.67	186.55	42.81	-63.81	2,303.30	-260.48	7,288.34	7,174.01	114.33	63.748		
14,800.00	7,780.00	6,785.48	6,408.26	189.21	42.64	-63.72	2,301.66	-260.28	7,378.98	7,264.60	114.37	64.517		
14,900.00	7,780.00	6,780.77	6,403.85	191.88	42.61	-63.64	2,300.01	-260.08	7,469.85	7,355.32	114.53	65.222		
15,000.00	7,780.00	6,776.06	6,399.44	194.54	42.58	-63.55	2,298.37	-259.88	7,560.95	7,446.27	114.68	65.932		
15,100.00	7,780.00	6,771.34	6,395.03	197.20	42.55	-63.46	2,296.72	-259.67	7,652.26	7,537.44	114.82	66.645		
15,200.00	7,780.00	6,766.63	6,390.62	199.87	42.51	-63.38	2,295.08	-259.47	7,743.79	7,628.84	114.96	67.362		
15,300.00	7,780.00	6,761.92	6,386.21	202.53	42.48	-63.29	2,293.43	-259.27	7,835.53	7,720.44	115.09	68.082		
15,400.00	7,780.00	6,757.21	6,381.80	205.20	42.45	-63.20	2,291.78	-259.07	7,927.46	7,812.25	115.21	68.806		
15,500.00	7,780.00	6,752.50	6,377.39	207.86	42.42	-63.12	2,290.14	-258.87	8,019.58	7,904.25	115.33	69.533		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,600.00	7,780.00	6,747.79	6,372.98	210.53	42.39	-63.03	2,288.49	-258.66	8,111.89	7,996.44	115.45	70.264		
15,700.00	7,780.00	6,743.08	6,368.57	213.20	42.35	-62.94	2,286.85	-258.46	8,204.37	8,088.81	115.56	70.998		
15,800.00	7,780.00	6,738.17	6,363.98	215.87	42.32	-61.52	2,285.14	-258.25	8,297.21	8,181.55	115.66	71.738		
15,900.00	7,780.00	6,732.17	6,358.37	218.54	42.28	-58.66	2,283.04	-257.99	8,391.18	8,275.44	115.73	72.504		
16,000.00	7,780.00	6,725.11	6,351.76	221.22	42.23	-56.91	2,280.58	-257.69	8,486.13	8,370.35	115.78	73.293		
16,100.00	7,780.00	6,717.90	6,345.00	223.89	42.18	-56.75	2,278.06	-257.38	8,581.32	8,465.49	115.82	74.089		
16,200.00	7,780.00	6,710.68	6,338.25	226.57	42.13	-56.60	2,275.54	-257.07	8,676.60	8,560.74	115.86	74.886		
16,300.00	7,780.00	6,703.47	6,331.50	229.24	42.08	-56.45	2,273.02	-256.76	8,771.98	8,656.08	115.90	75.686		
16,400.00	7,780.00	6,703.75	6,324.74	231.92	42.09	-56.29	2,270.50	-256.45	8,867.46	8,751.48	115.98	76.457		
16,500.00	7,780.00	6,689.04	6,317.99	234.60	41.99	-56.14	2,267.98	-256.14	8,963.03	8,847.07	115.96	77.292		
16,600.00	7,780.00	6,681.82	6,311.24	237.28	41.94	-55.99	2,265.46	-255.83	9,058.70	8,942.70	115.99	78.098		
16,700.00	7,780.00	6,674.61	6,304.48	239.96	41.89	-55.84	2,262.94	-255.52	9,154.44	9,038.43	116.02	78.906		
16,800.00	7,780.00	6,667.40	6,297.73	242.64	41.84	-55.68	2,260.42	-255.21	9,250.28	9,134.24	116.04	79.717		
16,900.00	7,780.00	6,660.18	6,290.98	245.32	41.79	-55.53	2,257.90	-254.90	9,346.19	9,230.13	116.06	80.529		
17,000.00	7,780.00	6,652.97	6,284.22	248.00	41.74	-55.38	2,255.38	-254.59	9,442.19	9,326.11	116.08	81.343		
17,100.00	7,780.00	6,645.75	6,277.47	250.68	41.69	-55.23	2,252.87	-254.28	9,538.26	9,422.16	116.10	82.159		
17,200.00	7,780.00	6,638.54	6,270.72	253.36	41.64	-55.08	2,250.35	-253.97	9,634.40	9,518.29	116.11	82.976		
17,300.00	7,780.00	6,631.32	6,263.97	256.04	41.59	-54.93	2,247.83	-253.66	9,730.62	9,614.50	116.12	83.795		
17,400.00	7,780.00	6,624.11	6,257.21	258.72	41.54	-54.78	2,245.31	-253.35	9,826.91	9,710.77	116.13	84.617		
17,500.00	7,780.00	6,616.89	6,250.46	261.41	41.49	-54.62	2,242.79	-253.04	9,923.26	9,807.12	116.14	85.439		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.30	0.30	0.00	0.00	0.20	160.28	0.56	160.28					
100.00	100.00	100.30	100.30	0.13	0.14	0.20	160.28	0.56	160.28	160.01	0.27	593.783		
200.00	200.00	200.30	200.30	0.49	0.49	0.20	160.28	0.56	160.28	159.29	0.99	162.411	CC, ES	
300.00	300.00	295.80	295.78	0.85	0.84	-0.11	161.62	-0.32	161.68	159.99	1.69	95.659		
400.00	400.00	391.10	390.96	1.21	1.18	-1.02	165.60	-2.95	165.89	163.49	2.40	69.262		
500.00	500.00	488.80	488.36	1.57	1.54	-2.38	171.94	-7.14	172.50	169.40	3.11	55.525		
600.00	600.00	588.47	587.70	1.93	1.91	-3.71	178.66	-11.57	179.48	175.65	3.83	46.906		
700.00	700.00	688.14	687.05	2.29	2.29	-4.93	185.38	-16.00	186.54	181.99	4.55	41.027		
800.00	799.98	787.81	786.39	2.63	2.66	112.52	192.09	-20.44	194.34	189.08	5.26	36.970		
900.00	899.84	887.38	885.64	2.97	3.04	112.66	198.80	-24.87	203.49	197.53	5.96	34.129		
1,000.00	999.45	986.73	984.67	3.32	3.42	113.60	205.50	-29.29	214.02	207.34	6.68	32.046		
1,100.00	1,098.70	1,085.74	1,083.36	3.69	3.79	115.22	212.17	-33.69	226.10	218.69	7.41	30.522		
1,200.00	1,197.68	1,184.50	1,181.79	4.07	4.17	117.29	218.83	-38.09	239.33	231.18	8.15	29.374		
1,300.00	1,296.65	1,283.26	1,280.22	4.46	4.54	119.17	225.48	-42.48	252.86	243.97	8.89	28.432		
1,400.00	1,395.63	1,382.01	1,378.66	4.86	4.92	120.86	232.14	-46.87	266.63	256.98	9.64	27.647		
1,500.00	1,494.60	1,480.77	1,477.09	5.27	5.29	122.39	238.79	-51.27	280.60	270.20	10.40	26.988		
1,600.00	1,593.58	1,579.52	1,575.52	5.67	5.67	123.76	245.45	-55.66	294.75	283.60	11.15	26.428		
1,700.00	1,692.55	1,678.28	1,673.96	6.09	6.04	125.02	252.10	-60.05	309.06	297.15	11.91	25.949		
1,800.00	1,791.53	1,777.03	1,772.39	6.50	6.42	126.16	258.76	-64.44	323.49	310.82	12.67	25.536		
1,900.00	1,890.50	1,875.79	1,870.82	6.92	6.79	127.20	265.41	-68.84	338.04	324.62	13.43	25.176		
2,000.00	1,989.48	1,974.54	1,969.25	7.34	7.17	128.16	272.07	-73.23	352.69	338.51	14.19	24.862		
2,100.00	2,088.45	2,073.30	2,067.69	7.76	7.55	129.04	278.72	-77.62	367.44	352.49	14.95	24.585		
2,200.00	2,187.43	2,172.06	2,166.12	8.19	7.92	129.85	285.38	-82.02	382.26	366.55	15.71	24.339		
2,300.00	2,286.40	2,270.81	2,264.55	8.61	8.30	130.61	292.04	-86.41	397.15	380.68	16.47	24.120		
2,400.00	2,385.38	2,369.57	2,362.98	9.04	8.67	131.30	298.69	-90.80	412.10	394.87	17.22	23.925		
2,500.00	2,484.35	2,468.32	2,461.42	9.46	9.05	131.95	305.35	-95.20	427.11	409.12	17.98	23.748		
2,600.00	2,583.32	2,567.08	2,559.85	9.89	9.42	132.56	312.00	-99.59	442.16	423.42	18.74	23.589		
2,700.00	2,682.30	2,665.83	2,658.28	10.32	9.80	133.12	318.66	-103.98	457.27	437.76	19.50	23.445		
2,800.00	2,781.27	2,764.59	2,756.72	10.75	10.18	133.65	325.31	-108.38	472.41	452.15	20.26	23.313		
2,900.00	2,880.25	2,863.34	2,855.15	11.18	10.55	134.15	331.97	-112.77	487.59	466.57	21.02	23.193		
3,000.00	2,979.22	2,962.10	2,953.58	11.61	10.93	134.62	338.62	-117.16	502.81	481.03	21.78	23.083		
3,100.00	3,078.20	3,060.85	3,052.01	12.04	11.30	135.06	345.28	-121.56	518.05	495.51	22.54	22.981		
3,200.00	3,177.17	3,159.61	3,150.45	12.47	11.68	135.47	351.93	-125.95	533.33	510.03	23.30	22.888		
3,300.00	3,276.15	3,258.36	3,248.88	12.90	12.05	135.86	358.59	-130.34	548.63	524.57	24.06	22.802		
3,400.00	3,375.12	3,357.12	3,347.31	13.33	12.43	136.23	365.24	-134.74	563.95	539.13	24.82	22.721		
3,500.00	3,474.10	3,455.87	3,445.75	13.76	12.81	136.58	371.90	-139.13	579.29	553.71	25.58	22.647		
3,600.00	3,573.07	3,554.63	3,544.18	14.19	13.18	136.91	378.55	-143.52	594.66	568.32	26.34	22.578		
3,700.00	3,672.05	3,653.38	3,642.61	14.62	13.56	137.23	385.21	-147.92	610.04	582.94	27.10	22.513		
3,800.00	3,771.02	3,752.14	3,741.04	15.05	13.93	137.53	391.86	-152.31	625.44	597.59	27.86	22.452		
3,900.00	3,870.00	3,850.90	3,839.48	15.49	14.31	137.81	398.52	-156.70	640.86	612.24	28.62	22.396		
4,000.00	3,968.97	3,949.65	3,937.91	15.92	14.69	138.09	405.18	-161.10	656.29	626.92	29.37	22.342		
4,100.00	4,067.94	4,048.41	4,036.34	16.35	15.06	138.35	411.83	-165.49	671.73	641.60	30.13	22.292		
4,200.00	4,166.92	4,147.16	4,134.78	16.78	15.44	138.59	418.49	-169.88	687.19	656.30	30.89	22.245		
4,300.00	4,265.89	4,245.92	4,233.21	17.22	15.81	138.83	425.14	-174.28	702.66	671.01	31.65	22.201		
4,400.00	4,364.87	4,344.67	4,331.64	17.65	16.19	139.06	431.80	-178.67	718.14	685.73	32.41	22.159		
4,500.00	4,463.84	4,443.43	4,430.07	18.08	16.56	139.27	438.45	-183.06	733.63	700.47	33.17	22.119		
4,600.00	4,562.82	4,542.18	4,528.51	18.51	16.94	139.48	445.11	-187.46	749.14	715.21	33.93	22.081		
4,700.00	4,661.79	4,640.94	4,626.94	18.95	17.32	139.68	451.76	-191.85	764.65	729.96	34.69	22.045		
4,800.00	4,760.77	4,739.69	4,725.37	19.38	17.69	139.87	458.42	-196.24	780.17	744.72	35.44	22.011		
4,900.00	4,859.74	4,838.45	4,823.80	19.81	18.07	140.06	465.07	-200.63	795.69	759.49	36.20	21.979		
5,000.00	4,958.72	4,937.20	4,922.24	20.25	18.44	140.24	471.73	-205.03	811.23	774.27	36.96	21.948		
5,100.00	5,057.69	5,035.96	5,020.67	20.68	18.82	140.41	478.38	-209.42	826.77	789.05	37.72	21.919		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	5,156.67	5,134.71	5,119.10	21.12	19.20	140.57	485.04	-213.81	842.32	803.84	38.48	21.891		
5,300.00	5,255.64	5,233.47	5,217.54	21.55	19.57	140.73	491.69	-218.21	857.88	818.64	39.24	21.864		
5,400.00	5,354.62	5,332.23	5,315.97	21.98	19.95	140.88	498.35	-222.60	873.44	833.45	39.99	21.839		
5,500.00	5,453.59	5,430.98	5,414.40	22.42	20.32	141.03	505.01	-226.99	889.01	848.26	40.75	21.814		
5,600.00	5,552.56	5,529.74	5,512.83	22.85	20.70	141.17	511.66	-231.39	904.58	863.07	41.51	21.791		
5,700.00	5,651.54	5,628.49	5,611.27	23.28	21.08	141.31	518.32	-235.78	920.16	877.89	42.27	21.768		
5,800.00	5,750.51	5,727.25	5,709.70	23.72	21.45	141.44	524.97	-240.17	935.75	892.72	43.03	21.747		
5,900.00	5,849.49	5,826.00	5,808.13	24.15	21.83	141.57	531.63	-244.57	951.33	907.55	43.79	21.726		
6,000.00	5,948.46	5,924.76	5,906.57	24.59	22.20	141.70	538.28	-248.96	966.93	922.38	44.55	21.706		
6,100.00	6,047.44	6,023.51	6,005.00	25.02	22.58	141.82	544.94	-253.35	982.53	937.22	45.30	21.687		
6,200.00	6,146.41	6,122.27	6,103.43	25.45	22.95	141.93	551.59	-257.75	998.13	952.06	46.06	21.669		
6,300.00	6,245.39	6,221.02	6,201.86	25.89	23.33	142.05	558.25	-262.14	1,013.73	966.91	46.82	21.651		
6,400.00	6,344.36	6,319.78	6,300.30	26.32	23.71	142.16	564.90	-266.53	1,029.34	981.76	47.58	21.634		
6,500.00	6,443.34	6,418.53	6,398.73	26.76	24.08	142.26	571.56	-270.93	1,044.96	996.62	48.34	21.617		
6,600.00	6,542.31	6,517.29	6,497.16	27.19	24.46	142.37	578.21	-275.32	1,060.57	1,011.47	49.10	21.601		
6,700.00	6,641.29	6,616.04	6,595.60	27.63	24.83	142.47	584.87	-279.71	1,076.19	1,026.34	49.86	21.586		
6,800.00	6,740.26	6,714.80	6,694.03	28.06	25.21	142.56	591.52	-284.11	1,091.81	1,041.20	50.61	21.571		
6,900.00	6,839.24	6,813.55	6,792.46	28.50	25.59	142.66	598.18	-288.50	1,107.44	1,056.07	51.37	21.557		
7,000.00	6,938.21	6,912.31	6,890.89	28.93	25.96	142.75	604.83	-292.89	1,123.07	1,070.94	52.13	21.543		
7,100.00	7,037.18	7,011.07	6,989.33	29.36	26.34	142.84	611.49	-297.29	1,138.70	1,085.81	52.89	21.530		
7,200.00	7,136.16	7,109.82	7,087.76	29.80	26.71	142.93	618.15	-301.68	1,154.33	1,100.69	53.65	21.516		
7,300.00	7,235.71	7,208.76	7,186.38	30.16	27.09	-121.13	624.81	-306.08	1,166.51	1,112.14	54.37	21.455		
7,400.00	7,334.44	7,400.00	7,452.82	30.38	27.86	-88.08	642.79	-363.20	1,166.92	1,111.41	55.51	21.023		
7,500.00	7,429.33	7,724.48	7,642.16	30.53	29.63	-92.02	655.47	-507.48	1,148.87	1,091.51	57.37	20.027		
7,600.00	7,517.51	7,767.13	7,668.65	30.60	29.93	-92.86	657.23	-540.86	1,132.94	1,074.68	58.26	19.445		
7,700.00	7,596.31	7,763.05	7,666.23	30.64	29.90	-92.06	657.07	-537.58	1,124.03	1,065.34	58.69	19.151		
7,769.34	7,644.16	7,748.60	7,657.45	30.66	29.79	-90.87	656.48	-526.12	1,122.28	1,063.50	58.78	19.094 SF		
7,800.00	7,663.31	7,740.42	7,652.35	30.67	29.74	-90.21	656.14	-519.73	1,122.61	1,063.85	58.76	19.103		
7,900.00	7,716.50	7,708.74	7,631.77	30.73	29.52	-87.61	654.77	-495.68	1,127.99	1,069.34	58.65	19.233		
8,000.00	7,754.25	7,672.02	7,606.31	30.89	29.29	-84.50	653.07	-469.29	1,138.97	1,080.47	58.50	19.468		
8,100.00	7,775.41	7,632.25	7,576.89	31.21	29.05	-81.11	651.11	-442.61	1,154.14	1,095.69	58.44	19.748		
8,200.00	7,780.00	7,590.85	7,544.38	31.71	28.81	-78.15	648.93	-417.09	1,172.12	1,113.59	58.53	20.026		
8,300.00	7,780.00	7,550.00	7,510.58	32.46	28.59	-76.48	646.67	-394.27	1,195.20	1,136.46	58.75	20.345		
8,400.00	7,780.00	7,524.10	7,488.35	33.45	28.46	-75.40	645.17	-381.08	1,224.54	1,165.32	59.22	20.677		
8,500.00	7,780.00	7,500.00	7,467.14	34.65	28.34	-74.37	643.75	-369.72	1,260.08	1,200.32	59.76	21.087		
8,600.00	7,780.00	7,476.84	7,446.34	36.03	28.23	-73.37	642.35	-359.65	1,301.52	1,241.20	60.31	21.579		
8,700.00	7,780.00	7,450.00	7,421.73	37.56	28.10	-72.20	640.70	-349.05	1,348.55	1,287.72	60.82	22.173		
8,800.00	7,780.00	7,450.00	7,421.73	39.22	28.10	-72.20	640.70	-349.05	1,400.61	1,339.04	61.57	22.748		
8,900.00	7,780.00	7,427.98	7,401.20	40.99	28.00	-71.23	639.31	-341.23	1,457.25	1,395.20	62.05	23.483		
9,000.00	7,780.00	7,415.58	7,389.51	42.86	27.94	-70.68	638.53	-337.17	1,518.13	1,455.55	62.58	24.259		
9,100.00	7,780.00	7,400.00	7,374.70	44.82	27.87	-69.99	637.53	-332.43	1,582.77	1,519.75	63.02	25.115		
9,200.00	7,780.00	7,400.00	7,374.70	46.84	27.87	-69.99	637.53	-332.43	1,650.75	1,587.21	63.54	25.979		
9,300.00	7,780.00	7,400.00	7,374.70	48.94	27.87	-69.99	637.53	-332.43	1,721.85	1,657.85	64.00	26.904		
9,400.00	7,780.00	7,378.15	7,353.73	51.09	27.77	-69.02	636.12	-326.47	1,795.25	1,731.00	64.25	27.941		
9,500.00	7,780.00	7,371.00	7,346.82	53.29	27.74	-68.70	635.65	-324.70	1,871.19	1,806.62	64.57	28.980		
9,600.00	7,780.00	7,350.00	7,326.40	55.53	27.65	-67.77	634.27	-319.98	1,949.42	1,884.66	64.75	30.106		
9,700.00	7,780.00	7,350.00	7,326.40	57.81	27.65	-67.77	634.27	-319.98	2,029.17	1,964.12	65.05	31.196		
9,800.00	7,780.00	7,350.00	7,326.40	60.13	27.65	-67.77	634.27	-319.98	2,110.64	2,045.34	65.30	32.320		
9,900.00	7,780.00	7,350.00	7,326.40	62.48	27.65	-67.77	634.27	-319.98	2,193.65	2,128.12	65.53	33.474		
10,000.00	7,780.00	7,350.00	7,326.40	64.85	27.65	-67.77	634.27	-319.98	2,278.03	2,212.29	65.73	34.655		
10,100.00	7,780.00	7,350.00	7,326.40	67.25	27.65	-67.77	634.27	-319.98	2,363.62	2,297.71	65.91	35.860		
10,200.00	7,780.00	7,350.00	7,326.40	69.67	27.65	-67.77	634.27	-319.98	2,450.31	2,384.23	66.07	37.086		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,350.00	7,326.40	72.11	27.65	-67.77	634.27	-319.98	2,537.97	2,471.76	66.21	38.331		
10,400.00	7,780.00	7,328.11	7,304.95	74.56	27.56	-66.80	632.83	-315.87	2,626.05	2,559.81	66.24	39.645		
10,500.00	7,780.00	7,324.89	7,301.78	77.04	27.55	-66.66	632.61	-315.34	2,715.25	2,648.90	66.34	40.928		
10,600.00	7,780.00	7,321.87	7,298.81	79.52	27.53	-66.53	632.41	-314.85	2,805.15	2,738.72	66.43	42.224		
10,700.00	7,780.00	7,300.00	7,277.20	82.02	27.44	-65.57	630.95	-311.80	2,896.05	2,829.62	66.43	43.594		
10,800.00	7,780.00	7,300.00	7,277.20	84.54	27.44	-65.57	630.95	-311.80	2,987.10	2,920.58	66.52	44.902		
10,900.00	7,780.00	7,300.00	7,277.20	87.06	27.44	-65.57	630.95	-311.80	3,078.71	3,012.10	66.61	46.221		
11,000.00	7,780.00	7,300.00	7,277.20	89.59	27.44	-65.57	630.95	-311.80	3,170.82	3,104.13	66.69	47.549		
11,100.00	7,780.00	7,300.00	7,277.20	92.14	27.44	-65.57	630.95	-311.80	3,263.39	3,196.64	66.76	48.885		
11,200.00	7,780.00	7,300.00	7,277.20	94.69	27.44	-65.57	630.95	-311.80	3,356.40	3,289.57	66.82	50.229		
11,300.00	7,780.00	7,300.00	7,277.20	97.24	27.44	-65.57	630.95	-311.80	3,449.79	3,382.91	66.88	51.579		
11,400.00	7,780.00	7,300.00	7,277.20	99.81	27.44	-65.57	630.95	-311.80	3,543.54	3,476.60	66.94	52.935		
11,500.00	7,780.00	7,300.00	7,277.20	102.38	27.44	-65.57	630.95	-311.80	3,637.63	3,570.64	66.99	54.297		
11,600.00	7,780.00	7,300.00	7,277.20	104.96	27.44	-65.57	630.95	-311.80	3,732.02	3,664.98	67.05	55.664		
11,700.00	7,780.00	7,300.00	7,277.20	107.55	27.44	-65.57	630.95	-311.80	3,826.70	3,759.61	67.09	57.035		
11,800.00	7,780.00	7,300.00	7,277.20	110.14	27.44	-65.57	630.95	-311.80	3,921.65	3,854.51	67.14	58.410		
11,900.00	7,780.00	7,300.00	7,277.20	112.73	27.44	-65.57	630.95	-311.80	4,016.83	3,949.65	67.18	59.789		
12,000.00	7,780.00	7,300.00	7,277.20	115.33	27.44	-65.57	630.95	-311.80	4,112.25	4,045.03	67.23	61.170		
12,100.00	7,780.00	7,300.00	7,277.20	117.93	27.44	-65.57	630.95	-311.80	4,207.88	4,140.61	67.27	62.555		
12,200.00	7,780.00	7,300.00	7,277.20	120.54	27.44	-65.57	630.95	-311.80	4,303.71	4,236.40	67.31	63.941		
12,300.00	7,780.00	7,300.00	7,277.20	123.15	27.44	-65.57	630.95	-311.80	4,399.72	4,332.38	67.35	65.330		
12,400.00	7,780.00	7,300.00	7,277.20	125.77	27.44	-65.57	630.95	-311.80	4,495.91	4,428.53	67.38	66.721		
12,500.00	7,780.00	7,300.00	7,277.20	128.39	27.44	-65.57	630.95	-311.80	4,592.26	4,524.84	67.42	68.113		
12,600.00	7,780.00	7,300.00	7,277.20	131.01	27.44	-65.57	630.95	-311.80	4,688.77	4,621.31	67.46	69.507		
12,700.00	7,780.00	7,300.00	7,277.20	133.63	27.44	-65.57	630.95	-311.80	4,785.41	4,717.92	67.49	70.901		
12,800.00	7,780.00	7,300.00	7,277.20	136.26	27.44	-65.57	630.95	-311.80	4,882.20	4,814.67	67.53	72.297		
12,900.00	7,780.00	7,300.00	7,277.20	138.89	27.44	-65.57	630.95	-311.80	4,979.10	4,911.54	67.57	73.693		
13,000.00	7,780.00	7,300.00	7,277.20	141.52	27.44	-65.57	630.95	-311.80	5,076.13	5,008.53	67.60	75.089		
13,100.00	7,780.00	7,300.00	7,277.20	144.16	27.44	-65.57	630.95	-311.80	5,173.28	5,105.64	67.64	76.486		
13,200.00	7,780.00	7,280.28	7,257.64	146.79	27.37	-64.71	629.63	-309.76	5,270.16	5,202.55	67.61	77.948		
13,300.00	7,780.00	7,279.42	7,256.78	149.43	27.36	-64.67	629.57	-309.69	5,367.48	5,299.83	67.64	79.348		
13,400.00	7,780.00	7,278.59	7,255.96	152.07	27.36	-64.63	629.52	-309.62	5,464.89	5,397.21	67.68	80.749		
13,500.00	7,780.00	7,277.79	7,255.16	154.72	27.36	-64.60	629.46	-309.55	5,562.39	5,494.68	67.71	82.149		
13,600.00	7,780.00	7,277.01	7,254.39	157.36	27.35	-64.57	629.41	-309.49	5,659.98	5,592.24	67.75	83.548		
13,700.00	7,780.00	7,276.26	7,253.64	160.01	27.35	-64.53	629.36	-309.43	5,757.66	5,689.88	67.78	84.947		
13,800.00	7,780.00	7,256.28	7,233.75	162.66	27.27	-63.67	628.02	-308.19	5,855.75	5,788.00	67.75	86.427		
13,900.00	7,780.00	7,256.28	7,233.75	165.31	27.27	-63.67	628.02	-308.19	5,953.55	5,885.76	67.79	87.822		
14,000.00	7,780.00	7,256.28	7,233.75	167.96	27.27	-63.67	628.02	-308.19	6,051.42	5,983.59	67.83	89.216		
14,100.00	7,780.00	7,256.28	7,233.75	170.61	27.27	-63.67	628.02	-308.19	6,149.36	6,081.49	67.87	90.609		
14,200.00	7,780.00	7,256.28	7,233.75	173.26	27.27	-63.67	628.02	-308.19	6,247.36	6,179.46	67.91	92.001		
14,300.00	7,780.00	7,256.28	7,233.75	175.92	27.27	-63.67	628.02	-308.19	6,345.43	6,277.48	67.94	93.392		
14,400.00	7,780.00	7,256.28	7,233.75	178.58	27.27	-63.67	628.02	-308.19	6,443.55	6,375.57	67.98	94.782		
14,500.00	7,780.00	7,256.28	7,233.75	181.23	27.27	-63.67	628.02	-308.19	6,541.74	6,473.71	68.02	96.170		
14,600.00	7,780.00	7,256.28	7,233.75	183.89	27.27	-63.67	628.02	-308.19	6,639.97	6,571.91	68.06	97.557		
14,700.00	7,780.00	7,256.28	7,233.75	186.55	27.27	-63.67	628.02	-308.19	6,738.26	6,670.16	68.10	98.943		
14,800.00	7,780.00	7,256.28	7,233.75	189.21	27.27	-63.67	628.02	-308.19	6,836.60	6,768.46	68.14	100.327		
14,900.00	7,780.00	7,256.28	7,233.75	191.88	27.27	-63.67	628.02	-308.19	6,934.98	6,866.80	68.18	101.709		
15,000.00	7,780.00	7,256.28	7,233.75	194.54	27.27	-63.67	628.02	-308.19	7,033.42	6,965.19	68.23	103.090		
15,100.00	7,780.00	7,256.28	7,233.75	197.20	27.27	-63.67	628.02	-308.19	7,131.89	7,063.62	68.27	104.468		
15,200.00	7,780.00	7,256.28	7,233.75	199.87	27.27	-63.67	628.02	-308.19	7,230.41	7,162.10	68.31	105.845		
15,300.00	7,780.00	7,256.28	7,233.75	202.53	27.27	-63.67	628.02	-308.19	7,328.96	7,260.61	68.35	107.220		
15,400.00	7,780.00	7,256.28	7,233.75	205.20	27.27	-63.67	628.02	-308.19	7,427.56	7,359.16	68.40	108.593		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,256.28	7,233.75	207.86	27.27	-63.67	628.02	-308.19	7,526.19	7,457.75	68.44	109.964		
15,600.00	7,780.00	7,256.28	7,233.75	210.53	27.27	-63.67	628.02	-308.19	7,624.86	7,556.37	68.49	111.333		
15,700.00	7,780.00	7,256.28	7,233.75	213.20	27.27	-63.67	628.02	-308.19	7,723.56	7,655.03	68.53	112.700		
15,800.00	7,780.00	7,256.28	7,233.75	215.87	27.27	-60.16	628.02	-308.19	7,822.37	7,753.79	68.58	114.065		
15,900.00	7,780.00	7,256.28	7,233.75	218.54	27.27	-51.21	628.02	-308.19	7,921.58	7,852.96	68.63	115.432		
16,000.00	7,780.00	7,256.28	7,233.75	221.22	27.27	-44.70	628.02	-308.19	8,021.08	7,952.41	68.67	116.798		
16,100.00	7,780.00	7,256.28	7,233.75	223.89	27.27	-44.70	628.02	-308.19	8,120.63	8,051.91	68.72	118.163		
16,200.00	7,780.00	7,256.28	7,233.75	226.57	27.27	-44.70	628.02	-308.19	8,220.18	8,151.41	68.77	119.526		
16,300.00	7,780.00	7,256.28	7,233.75	229.24	27.27	-44.70	628.02	-308.19	8,319.75	8,250.93	68.82	120.885		
16,400.00	7,780.00	7,256.28	7,233.75	231.92	27.27	-44.70	628.02	-308.19	8,419.33	8,350.45	68.87	122.242		
16,500.00	7,780.00	7,256.28	7,233.75	234.60	27.27	-44.70	628.02	-308.19	8,518.92	8,449.99	68.93	123.596		
16,600.00	7,780.00	7,256.28	7,233.75	237.28	27.27	-44.70	628.02	-308.19	8,618.51	8,549.53	68.98	124.947		
16,700.00	7,780.00	7,256.28	7,233.75	239.96	27.27	-44.70	628.02	-308.19	8,718.12	8,649.09	69.03	126.295		
16,800.00	7,780.00	7,256.28	7,233.75	242.64	27.27	-44.70	628.02	-308.19	8,817.73	8,748.65	69.08	127.640		
16,900.00	7,780.00	7,256.28	7,233.75	245.32	27.27	-44.70	628.02	-308.19	8,917.36	8,848.22	69.14	128.983		
17,000.00	7,780.00	7,256.28	7,233.75	248.00	27.27	-44.70	628.02	-308.19	9,016.99	8,947.80	69.19	130.322		
17,100.00	7,780.00	7,256.28	7,233.75	250.68	27.27	-44.70	628.02	-308.19	9,116.63	9,047.38	69.24	131.658		
17,200.00	7,780.00	7,256.28	7,233.75	253.36	27.27	-44.70	628.02	-308.19	9,216.28	9,146.98	69.30	132.992		
17,300.00	7,780.00	7,256.28	7,233.75	256.04	27.27	-44.70	628.02	-308.19	9,315.93	9,246.58	69.36	134.322		
17,400.00	7,780.00	7,256.28	7,233.75	258.72	27.27	-44.70	628.02	-308.19	9,415.59	9,346.18	69.41	135.649		
17,500.00	7,780.00	7,256.28	7,233.75	261.41	27.27	-44.70	628.02	-308.19	9,515.26	9,445.79	69.47	136.973		
17,600.00	7,780.00	7,256.28	7,233.75	264.09	27.27	-44.70	628.02	-308.19	9,614.94	9,545.41	69.53	138.294		
17,700.00	7,780.00	7,256.28	7,233.75	266.77	27.27	-44.70	628.02	-308.19	9,714.62	9,645.04	69.58	139.612		
17,800.00	7,780.00	7,256.28	7,233.75	269.46	27.27	-44.70	628.02	-308.19	9,814.31	9,744.67	69.64	140.927		
17,900.00	7,780.00	7,256.28	7,233.75	272.14	27.27	-44.70	628.02	-308.19	9,914.01	9,844.31	69.70	142.238		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.40	0.40	0.00	0.00	0.23	140.24	0.56	140.24					
100.00	100.00	100.41	100.41	0.13	0.14	0.23	140.24	0.56	140.24	139.97	0.27	518.864		
200.00	200.00	202.57	202.54	0.49	0.50	-0.45	139.44	-1.09	139.46	138.47	0.99	140.988		
300.00	300.00	303.42	303.28	0.85	0.86	-2.29	137.31	-5.49	137.45	135.74	1.71	80.413		
400.00	400.00	403.28	403.01	1.21	1.22	-4.32	135.03	-10.19	135.44	133.01	2.43	55.703		
500.00	500.00	503.15	502.73	1.57	1.59	-6.40	132.75	-14.89	133.61	130.45	3.16	42.332		
600.00	600.00	603.01	602.46	1.93	1.96	-8.54	130.47	-19.59	131.95	128.07	3.88	33.989		
700.00	700.00	702.87	702.18	2.29	2.33	-10.73	128.19	-24.30	130.49	125.88	4.61	28.310		
800.00	799.98	802.81	801.98	2.63	2.70	106.05	125.91	-29.00	129.69	124.37	5.32	24.358		
827.80	827.75	830.60	829.74	2.73	2.80	105.90	125.28	-30.31	129.65	124.13	5.52	23.481 CC		
900.00	899.84	902.80	901.84	2.97	3.07	106.02	123.63	-33.71	129.90	123.87	6.03	21.530 ES		
1,000.00	999.45	1,002.74	1,001.64	3.32	3.44	107.44	121.35	-38.42	131.12	124.37	6.75	19.420		
1,100.00	1,098.70	1,102.49	1,101.25	3.69	3.81	110.22	119.07	-43.11	133.59	126.10	7.48	17.857		
1,200.00	1,197.68	1,202.07	1,200.70	4.07	4.18	113.72	116.80	-47.80	137.20	128.98	8.22	16.692		
1,300.00	1,296.65	1,301.66	1,300.15	4.46	4.54	117.05	114.52	-52.49	141.31	132.34	8.96	15.768		
1,400.00	1,395.63	1,401.25	1,399.60	4.86	4.91	120.18	112.25	-57.18	145.87	136.16	9.70	15.030		
1,500.00	1,494.60	1,500.83	1,499.05	5.27	5.28	123.12	109.98	-61.87	150.84	140.39	10.45	14.437		
1,600.00	1,593.58	1,600.42	1,598.50	5.67	5.65	125.86	107.70	-66.56	156.18	144.99	11.19	13.957		
1,700.00	1,692.55	1,700.00	1,697.95	6.09	6.02	128.42	105.43	-71.25	161.86	149.93	11.93	13.567		
1,800.00	1,791.53	1,800.41	1,797.40	6.50	6.39	130.80	103.16	-75.94	167.84	155.17	12.67	13.246		
1,900.00	1,890.50	1,900.82	1,896.85	6.92	6.76	133.01	100.89	-80.63	174.09	160.68	13.41	12.982		
2,000.00	1,989.48	2,001.24	1,996.30	7.34	7.13	135.07	98.61	-85.32	180.58	166.43	14.15	12.765		
2,100.00	2,088.45	2,101.65	2,095.75	7.76	7.50	136.98	96.34	-90.01	187.28	172.40	14.88	12.585		
2,200.00	2,187.43	2,202.07	2,195.20	8.19	7.88	138.76	94.07	-94.70	194.19	178.57	15.62	12.435		
2,300.00	2,286.40	2,297.52	2,294.64	8.61	8.23	140.42	91.79	-99.39	201.26	184.93	16.33	12.325		
2,400.00	2,385.38	2,402.90	2,394.09	9.04	8.62	141.96	89.52	-104.08	208.49	191.41	17.08	12.208		
2,500.00	2,484.35	2,503.31	2,493.54	9.46	8.99	143.40	87.25	-108.77	215.86	198.05	17.81	12.121		
2,600.00	2,583.32	2,603.72	2,592.99	9.89	9.36	144.74	84.97	-113.46	223.36	204.82	18.54	12.049		
2,700.00	2,682.30	2,704.14	2,692.44	10.32	9.74	146.00	82.70	-118.15	230.98	211.71	19.27	11.989		
2,800.00	2,781.27	2,804.55	2,791.89	10.75	10.11	147.17	80.43	-122.84	238.69	218.70	19.99	11.938		
2,900.00	2,880.25	2,904.97	2,891.34	11.18	10.48	148.27	78.15	-127.53	246.50	225.78	20.72	11.896		
3,000.00	2,979.22	3,005.38	2,990.79	11.61	10.85	149.31	75.88	-132.22	254.40	232.95	21.45	11.861		
3,100.00	3,078.20	3,105.79	3,090.24	12.04	11.22	150.28	73.61	-136.91	262.37	240.19	22.18	11.831		
3,200.00	3,177.17	3,206.21	3,189.69	12.47	11.59	151.19	71.33	-141.60	270.41	247.51	22.90	11.807		
3,300.00	3,276.15	3,306.62	3,289.14	12.90	11.97	152.05	69.06	-146.29	278.52	254.89	23.63	11.787		
3,400.00	3,375.12	3,407.04	3,388.59	13.33	12.34	152.87	66.79	-150.98	286.69	262.33	24.36	11.771		
3,500.00	3,474.10	3,507.45	3,488.04	13.76	12.71	153.63	64.51	-155.66	294.91	269.83	25.08	11.757		
3,600.00	3,573.07	3,607.86	3,587.49	14.19	13.08	154.36	62.24	-160.35	303.18	277.37	25.81	11.747		
3,700.00	3,672.05	3,708.28	3,686.94	14.62	13.45	155.04	59.97	-165.04	311.50	284.96	26.54	11.739		
3,800.00	3,771.02	3,808.69	3,786.39	15.05	13.82	155.70	57.69	-169.73	319.86	292.59	27.26	11.732		
3,900.00	3,870.00	3,909.11	3,885.84	15.49	14.20	156.31	55.42	-174.42	328.25	300.26	27.99	11.728		
4,000.00	3,968.97	4,009.52	3,985.28	15.92	14.57	156.90	53.15	-179.11	336.69	307.97	28.72	11.724		
4,100.00	4,067.94	4,109.94	4,084.73	16.35	14.94	157.46	50.87	-183.80	345.16	315.71	29.44	11.723		
4,200.00	4,166.92	4,189.65	4,184.18	16.78	15.24	157.99	48.60	-188.49	353.65	323.56	30.10	11.751		
4,300.00	4,265.89	4,289.24	4,283.63	17.22	15.60	158.50	46.33	-193.18	362.18	331.36	30.82	11.751		
4,400.00	4,364.87	4,388.82	4,383.08	17.65	15.97	158.98	44.05	-197.87	370.73	339.19	31.54	11.753		
4,500.00	4,463.84	4,488.41	4,482.53	18.08	16.34	159.44	41.78	-202.56	379.31	347.04	32.27	11.755		
4,600.00	4,562.82	4,587.99	4,581.98	18.51	16.71	159.88	39.51	-207.25	387.92	354.92	32.99	11.757		
4,700.00	4,661.79	4,687.58	4,681.43	18.95	17.08	160.30	37.23	-211.94	396.54	362.82	33.72	11.760		
4,800.00	4,760.77	4,787.17	4,780.88	19.38	17.45	160.71	34.96	-216.63	405.18	370.74	34.44	11.764		
4,900.00	4,859.74	4,886.75	4,880.33	19.81	17.82	161.09	32.69	-221.32	413.85	378.68	35.17	11.768		
5,000.00	4,958.72	4,986.34	4,979.78	20.25	18.18	161.46	30.41	-226.01	422.53	386.64	35.89	11.772		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,057.69	5,085.92	5,079.23	20.68	18.55	161.82	28.14	-230.70	431.23	394.61	36.62	11.776		
5,200.00	5,156.67	5,185.51	5,178.68	21.12	18.92	162.16	25.87	-235.39	439.94	402.60	37.34	11.781		
5,300.00	5,255.64	5,285.10	5,278.13	21.55	19.29	162.49	23.59	-240.08	448.67	410.60	38.07	11.785		
5,400.00	5,354.62	5,384.68	5,377.58	21.98	19.66	162.81	21.32	-244.77	457.41	418.62	38.80	11.790		
5,500.00	5,453.59	5,484.27	5,477.03	22.42	20.03	163.11	19.05	-249.46	466.17	426.65	39.52	11.795		
5,600.00	5,552.56	5,583.85	5,576.48	22.85	20.40	163.41	16.77	-254.15	474.94	434.69	40.25	11.801		
5,700.00	5,651.54	5,683.44	5,675.92	23.28	20.77	163.69	14.50	-258.84	483.72	442.75	40.97	11.806		
5,800.00	5,750.51	5,783.02	5,775.37	23.72	21.13	163.96	12.23	-263.53	492.51	450.81	41.70	11.811		
5,900.00	5,849.49	5,882.61	5,874.82	24.15	21.50	164.22	9.95	-268.21	501.32	458.89	42.43	11.816		
6,000.00	5,948.46	5,982.20	5,974.27	24.59	21.87	164.48	7.68	-272.90	510.13	466.98	43.15	11.822		
6,100.00	6,047.44	6,081.78	6,073.72	25.02	22.24	164.72	5.41	-277.59	518.95	475.08	43.88	11.827		
6,200.00	6,146.41	6,181.37	6,173.17	25.45	22.61	164.96	3.13	-282.28	527.79	483.18	44.60	11.832		
6,300.00	6,245.39	6,280.95	6,272.62	25.89	22.98	165.19	0.86	-286.97	536.63	491.29	45.33	11.838		
6,400.00	6,344.36	6,380.54	6,372.07	26.32	23.35	165.41	-1.41	-291.66	545.47	499.42	46.06	11.843		
6,500.00	6,443.34	6,480.13	6,471.52	26.76	23.72	165.62	-3.68	-296.35	554.33	507.55	46.78	11.849		
6,600.00	6,542.31	6,579.71	6,570.97	27.19	24.08	165.83	-5.96	-301.04	563.20	515.68	47.51	11.854		
6,700.00	6,641.29	6,679.30	6,670.42	27.63	24.45	166.03	-8.23	-305.73	572.07	523.83	48.24	11.859		
6,800.00	6,740.26	6,778.88	6,769.87	28.06	24.82	166.23	-10.50	-310.42	580.95	531.98	48.97	11.864		
6,900.00	6,839.24	6,878.47	6,869.32	28.50	25.19	166.42	-12.78	-315.11	589.83	540.14	49.69	11.869		
7,000.00	6,938.21	6,978.05	6,968.77	28.93	25.56	166.60	-15.05	-319.80	598.72	548.30	50.42	11.875		
7,100.00	7,037.18	7,077.64	7,068.22	29.36	25.93	166.78	-17.32	-324.49	607.62	556.47	51.15	11.880		
7,200.00	7,136.16	7,177.23	7,167.67	29.80	26.30	166.95	-19.60	-329.18	616.52	564.64	51.87	11.885		
7,300.00	7,235.71	7,276.99	7,267.29	30.16	26.67	-98.10	-21.88	-333.88	619.08	566.49	52.59	11.772		
7,400.00	7,334.44	7,400.00	7,518.25	30.38	27.11	-68.71	-27.65	-388.67	598.87	546.48	52.39	11.431		
7,500.00	7,429.33	7,749.36	7,690.92	30.53	28.98	-83.87	-31.70	-511.67	546.22	494.19	52.03	10.498		
7,600.00	7,517.51	7,798.53	7,723.36	30.60	29.32	-93.01	-32.47	-548.61	494.12	439.96	54.16	9.123		
7,700.00	7,596.31	7,801.17	7,725.01	30.64	29.34	-96.04	-32.51	-550.66	455.85	399.11	56.74	8.034		
7,800.00	7,663.31	7,783.67	7,713.89	30.67	29.22	-94.81	-32.24	-537.16	437.20	378.73	58.48	7.477		
7,837.42	7,684.93	7,774.17	7,707.69	30.69	29.15	-93.52	-32.10	-529.97	435.72	376.91	58.81	7.409 SF		
7,900.00	7,716.50	7,755.89	7,695.41	30.73	29.02	-90.54	-31.80	-516.42	439.70	380.76	58.94	7.460		
8,000.00	7,754.25	7,722.20	7,671.69	30.89	28.80	-84.05	-31.24	-492.51	460.79	402.28	58.51	7.875		
8,100.00	7,775.41	7,684.84	7,643.79	31.21	28.57	-76.25	-30.58	-467.68	495.39	437.54	57.85	8.564		
8,200.00	7,780.00	7,650.00	7,616.36	31.71	28.36	-69.76	-29.94	-446.21	538.29	480.77	57.51	9.359		
8,300.00	7,780.00	7,610.43	7,583.70	32.46	28.14	-66.20	-29.17	-423.90	589.98	532.83	57.15	10.323		
8,400.00	7,780.00	7,581.10	7,558.54	33.45	27.99	-63.59	-28.59	-408.85	650.38	593.32	57.07	11.397		
8,500.00	7,780.00	7,550.00	7,531.06	34.65	27.83	-60.88	-27.95	-394.32	717.87	660.94	56.94	12.609		
8,600.00	7,780.00	7,535.09	7,517.61	36.03	27.76	-59.60	-27.63	-387.88	790.85	733.72	57.13	13.844		
8,700.00	7,780.00	7,516.81	7,500.90	37.56	27.67	-58.06	-27.25	-380.48	868.31	811.11	57.20	15.181		
8,800.00	7,780.00	7,500.00	7,485.34	39.22	27.59	-56.68	-26.89	-374.14	949.29	892.03	57.26	16.578		
8,900.00	7,780.00	7,500.00	7,485.34	40.99	27.59	-56.68	-26.89	-374.14	1,033.29	975.79	57.50	17.969		
9,000.00	7,780.00	7,474.73	7,461.61	42.86	27.47	-54.65	-26.34	-365.48	1,119.13	1,061.73	57.41	19.494		
9,100.00	7,780.00	7,450.00	7,438.03	44.82	27.36	-52.74	-25.79	-358.03	1,207.26	1,149.94	57.33	21.060		
9,200.00	7,780.00	7,450.00	7,438.03	46.84	27.36	-52.74	-25.79	-358.03	1,296.46	1,238.99	57.47	22.557		
9,300.00	7,780.00	7,450.00	7,438.03	48.94	27.36	-52.74	-25.79	-358.03	1,387.13	1,329.55	57.59	24.088		
9,400.00	7,780.00	7,450.00	7,438.03	51.09	27.36	-52.74	-25.79	-358.03	1,479.01	1,421.34	57.67	25.647		
9,500.00	7,780.00	7,430.29	7,419.03	53.29	27.27	-51.27	-25.35	-352.82	1,571.42	1,513.81	57.61	27.276		
9,600.00	7,780.00	7,423.76	7,412.70	55.53	27.24	-50.80	-25.21	-351.24	1,664.78	1,607.14	57.64	28.884		
9,700.00	7,780.00	7,417.80	7,406.90	57.81	27.22	-50.37	-25.07	-349.86	1,758.78	1,701.13	57.66	30.504		
9,800.00	7,780.00	7,400.00	7,389.51	60.13	27.14	-49.11	-24.67	-346.10	1,853.51	1,795.90	57.62	32.169		
9,900.00	7,780.00	7,400.00	7,389.51	62.48	27.14	-49.11	-24.67	-346.10	1,948.45	1,890.79	57.66	33.792		
10,000.00	7,780.00	7,400.00	7,389.51	64.85	27.14	-49.11	-24.67	-346.10	2,043.87	1,986.17	57.70	35.424		
10,100.00	7,780.00	7,400.00	7,389.51	67.25	27.14	-49.11	-24.67	-346.10	2,139.70	2,081.98	57.73	37.066		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,200.00	7,780.00	7,400.00	7,389.51	69.67	27.14	-49.11	-24.67	-346.10	2,235.91	2,178.15	57.75	38.715		
10,300.00	7,780.00	7,400.00	7,389.51	72.11	27.14	-49.11	-24.67	-346.10	2,332.43	2,274.65	57.78	40.370		
10,400.00	7,780.00	7,400.00	7,389.51	74.56	27.14	-49.11	-24.67	-346.10	2,429.23	2,371.43	57.80	42.031		
10,500.00	7,780.00	7,400.00	7,389.51	77.04	27.14	-49.11	-24.67	-346.10	2,526.28	2,468.47	57.82	43.696		
10,600.00	7,780.00	7,400.00	7,389.51	79.52	27.14	-49.11	-24.67	-346.10	2,623.55	2,565.72	57.83	45.364		
10,700.00	7,780.00	7,377.92	7,367.78	82.02	27.05	-47.60	-24.18	-342.19	2,720.52	2,662.72	57.80	47.070		
10,800.00	7,780.00	7,375.22	7,365.12	84.54	27.04	-47.42	-24.11	-341.77	2,818.04	2,760.22	57.81	48.746		
10,900.00	7,780.00	7,372.67	7,362.60	87.06	27.03	-47.26	-24.06	-341.38	2,915.71	2,857.88	57.83	50.423		
11,000.00	7,780.00	7,370.27	7,360.22	89.59	27.02	-47.10	-24.00	-341.03	3,013.52	2,955.68	57.84	52.101		
11,100.00	7,780.00	7,350.00	7,340.13	92.14	26.94	-45.79	-23.54	-338.45	3,111.80	3,053.98	57.82	53.821		
11,200.00	7,780.00	7,350.00	7,340.13	94.69	26.94	-45.79	-23.54	-338.45	3,209.78	3,151.94	57.84	55.494		
11,300.00	7,780.00	7,350.00	7,340.13	97.24	26.94	-45.79	-23.54	-338.45	3,307.89	3,250.02	57.86	57.169		
11,400.00	7,780.00	7,350.00	7,340.13	99.81	26.94	-45.79	-23.54	-338.45	3,406.10	3,348.22	57.88	58.843		
11,500.00	7,780.00	7,350.00	7,340.13	102.38	26.94	-45.79	-23.54	-338.45	3,504.42	3,446.51	57.91	60.518		
11,600.00	7,780.00	7,350.00	7,340.13	104.96	26.94	-45.79	-23.54	-338.45	3,602.82	3,544.89	57.93	62.193		
11,700.00	7,780.00	7,350.00	7,340.13	107.55	26.94	-45.79	-23.54	-338.45	3,701.32	3,643.37	57.95	63.867		
11,800.00	7,780.00	7,350.00	7,340.13	110.14	26.94	-45.79	-23.54	-338.45	3,799.89	3,741.91	57.98	65.541		
11,900.00	7,780.00	7,350.00	7,340.13	112.73	26.94	-45.79	-23.54	-338.45	3,898.54	3,840.53	58.00	67.214		
12,000.00	7,780.00	7,350.00	7,340.13	115.33	26.94	-45.79	-23.54	-338.45	3,997.25	3,939.22	58.03	68.886		
12,100.00	7,780.00	7,350.00	7,340.13	117.93	26.94	-45.79	-23.54	-338.45	4,096.02	4,037.97	58.05	70.556		
12,200.00	7,780.00	7,350.00	7,340.13	120.54	26.94	-45.79	-23.54	-338.45	4,194.86	4,136.78	58.08	72.226		
12,300.00	7,780.00	7,350.00	7,340.13	123.15	26.94	-45.79	-23.54	-338.45	4,293.74	4,235.64	58.11	73.893		
12,400.00	7,780.00	7,350.00	7,340.13	125.77	26.94	-45.79	-23.54	-338.45	4,392.68	4,334.54	58.14	75.559		
12,500.00	7,780.00	7,350.00	7,340.13	128.39	26.94	-45.79	-23.54	-338.45	4,491.67	4,433.50	58.17	77.223		
12,600.00	7,780.00	7,350.00	7,340.13	131.01	26.94	-45.79	-23.54	-338.45	4,590.69	4,532.50	58.20	78.885		
12,700.00	7,780.00	7,350.00	7,340.13	133.63	26.94	-45.79	-23.54	-338.45	4,689.76	4,631.54	58.23	80.544		
12,800.00	7,780.00	7,350.00	7,340.13	136.26	26.94	-45.79	-23.54	-338.45	4,788.87	4,730.61	58.26	82.202		
12,900.00	7,780.00	7,350.00	7,340.13	138.89	26.94	-45.79	-23.54	-338.45	4,888.02	4,829.73	58.29	83.857		
13,000.00	7,780.00	7,350.00	7,340.13	141.52	26.94	-45.79	-23.54	-338.45	4,987.20	4,928.87	58.32	85.509		
13,100.00	7,780.00	7,350.00	7,340.13	144.16	26.94	-45.79	-23.54	-338.45	5,086.41	5,028.05	58.36	87.159		
13,200.00	7,780.00	7,350.00	7,340.13	146.79	26.94	-45.79	-23.54	-338.45	5,185.65	5,127.25	58.39	88.806		
13,300.00	7,780.00	7,350.00	7,340.13	149.43	26.94	-45.79	-23.54	-338.45	5,284.92	5,226.49	58.43	90.450		
13,400.00	7,780.00	7,350.00	7,340.13	152.07	26.94	-45.79	-23.54	-338.45	5,384.21	5,325.75	58.47	92.092		
13,500.00	7,780.00	7,350.00	7,340.13	154.72	26.94	-45.79	-23.54	-338.45	5,483.54	5,425.03	58.50	93.730		
13,600.00	7,780.00	7,350.00	7,340.13	157.36	26.94	-45.79	-23.54	-338.45	5,582.88	5,524.34	58.54	95.365		
13,700.00	7,780.00	7,350.00	7,340.13	160.01	26.94	-45.79	-23.54	-338.45	5,682.25	5,623.67	58.58	96.997		
13,800.00	7,780.00	7,333.59	7,323.80	162.66	26.88	-44.77	-23.17	-336.88	5,781.39	5,722.78	58.60	98.650		
13,900.00	7,780.00	7,332.87	7,323.08	165.31	26.87	-44.73	-23.15	-336.82	5,880.78	5,822.13	58.65	100.277		
14,000.00	7,780.00	7,332.17	7,322.38	167.96	26.87	-44.69	-23.13	-336.77	5,980.19	5,921.50	58.69	101.900		
14,100.00	7,780.00	7,331.49	7,321.70	170.61	26.87	-44.64	-23.12	-336.71	6,079.61	6,020.88	58.73	103.520		
14,200.00	7,780.00	7,330.83	7,321.05	173.26	26.87	-44.60	-23.10	-336.66	6,179.06	6,120.29	58.77	105.135		
14,300.00	7,780.00	7,330.19	7,320.41	175.92	26.86	-44.57	-23.09	-336.61	6,278.52	6,219.70	58.82	106.748		
14,400.00	7,780.00	7,313.93	7,304.18	178.58	26.80	-43.60	-22.72	-335.62	6,378.23	6,319.38	58.85	108.390		
14,500.00	7,780.00	7,313.93	7,304.18	181.23	26.80	-43.60	-22.72	-335.62	6,477.70	6,418.81	58.89	109.994		
14,600.00	7,780.00	7,313.93	7,304.18	183.89	26.80	-43.60	-22.72	-335.62	6,577.20	6,518.26	58.94	111.594		
14,700.00	7,780.00	7,313.93	7,304.18	186.55	26.80	-43.60	-22.72	-335.62	6,676.70	6,617.72	58.99	113.190		
14,800.00	7,780.00	7,313.93	7,304.18	189.21	26.80	-43.60	-22.72	-335.62	6,776.22	6,717.19	59.04	114.782		
14,900.00	7,780.00	7,313.93	7,304.18	191.88	26.80	-43.60	-22.72	-335.62	6,875.76	6,816.67	59.09	116.370		
15,000.00	7,780.00	7,313.93	7,304.18	194.54	26.80	-43.60	-22.72	-335.62	6,975.31	6,916.17	59.14	117.954		
15,100.00	7,780.00	7,313.93	7,304.18	197.20	26.80	-43.60	-22.72	-335.62	7,074.87	7,015.68	59.19	119.534		
15,200.00	7,780.00	7,313.93	7,304.18	199.87	26.80	-43.60	-22.72	-335.62	7,174.44	7,115.20	59.24	121.110		
15,300.00	7,780.00	7,313.93	7,304.18	202.53	26.80	-43.60	-22.72	-335.62	7,274.02	7,214.73	59.29	122.681		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,400.00	7,780.00	7,313.93	7,304.18	205.20	26.80	-43.60	-22.72	-335.62	7,373.62	7,314.28	59.35	124.249		
15,500.00	7,780.00	7,313.93	7,304.18	207.86	26.80	-43.60	-22.72	-335.62	7,473.23	7,413.83	59.40	125.812		
15,600.00	7,780.00	7,313.93	7,304.18	210.53	26.80	-43.60	-22.72	-335.62	7,572.85	7,513.39	59.46	127.371		
15,700.00	7,780.00	7,313.93	7,304.18	213.20	26.80	-43.60	-22.72	-335.62	7,672.47	7,612.96	59.51	128.925		
15,800.00	7,780.00	7,313.93	7,304.18	215.87	26.80	-32.34	-22.72	-335.62	7,772.14	7,712.57	59.57	130.475		
15,900.00	7,780.00	7,313.93	7,304.18	218.54	26.80	-3.49	-22.72	-335.62	7,871.92	7,812.30	59.63	132.018		
16,000.00	7,780.00	7,313.93	7,304.18	221.22	26.80	12.99	-22.72	-335.62	7,971.74	7,912.05	59.69	133.553		
16,100.00	7,780.00	7,313.93	7,304.18	223.89	26.80	12.99	-22.72	-335.62	8,071.55	8,011.80	59.75	135.084		
16,200.00	7,780.00	7,313.93	7,304.18	226.57	26.80	12.99	-22.72	-335.62	8,171.37	8,111.56	59.82	136.610		
16,300.00	7,780.00	7,313.93	7,304.18	229.24	26.80	12.99	-22.72	-335.62	8,271.19	8,211.31	59.88	138.131		
16,400.00	7,780.00	7,313.93	7,304.18	231.92	26.80	12.99	-22.72	-335.62	8,371.02	8,311.08	59.94	139.648		
16,500.00	7,780.00	7,313.93	7,304.18	234.60	26.80	12.99	-22.72	-335.62	8,470.85	8,410.84	60.01	141.160		
16,600.00	7,780.00	7,313.93	7,304.18	237.28	26.80	12.99	-22.72	-335.62	8,570.69	8,510.61	60.07	142.667		
16,700.00	7,780.00	7,313.93	7,304.18	239.96	26.80	12.99	-22.72	-335.62	8,670.53	8,610.39	60.14	144.170		
16,800.00	7,780.00	7,313.93	7,304.18	242.64	26.80	12.99	-22.72	-335.62	8,770.37	8,710.16	60.21	145.667		
16,900.00	7,780.00	7,313.93	7,304.18	245.32	26.80	12.99	-22.72	-335.62	8,870.22	8,809.94	60.28	147.160		
17,000.00	7,780.00	7,313.93	7,304.18	248.00	26.80	12.99	-22.72	-335.62	8,970.07	8,909.72	60.34	148.648		
17,100.00	7,780.00	7,313.93	7,304.18	250.68	26.80	12.99	-22.72	-335.62	9,069.92	9,009.51	60.41	150.131		
17,200.00	7,780.00	7,313.93	7,304.18	253.36	26.80	12.99	-22.72	-335.62	9,169.78	9,109.29	60.48	151.610		
17,300.00	7,780.00	7,313.93	7,304.18	256.04	26.80	12.99	-22.72	-335.62	9,269.63	9,209.08	60.55	153.083		
17,400.00	7,780.00	7,313.93	7,304.18	258.72	26.80	12.99	-22.72	-335.62	9,369.50	9,308.87	60.62	154.552		
17,500.00	7,780.00	7,313.93	7,304.18	261.41	26.80	12.99	-22.72	-335.62	9,469.36	9,408.67	60.70	156.015		
17,600.00	7,780.00	7,313.93	7,304.18	264.09	26.80	12.99	-22.72	-335.62	9,569.23	9,508.46	60.77	157.474		
17,700.00	7,780.00	7,313.93	7,304.18	266.77	26.80	12.99	-22.72	-335.62	9,669.10	9,608.26	60.84	158.927		
17,800.00	7,780.00	7,313.93	7,304.18	269.46	26.80	12.99	-22.72	-335.62	9,768.98	9,708.06	60.91	160.375		
17,900.00	7,780.00	7,313.93	7,304.18	272.14	26.80	12.99	-22.72	-335.62	9,868.85	9,807.86	60.99	161.819		
18,000.00	7,780.00	7,313.93	7,304.18	274.83	26.80	12.99	-22.72	-335.62	9,968.73	9,907.67	61.06	163.257		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 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	0.60	-0.60	0.00	0.00	0.27	120.21	0.56	120.21					
100.00	100.00	99.40	99.40	0.13	0.13	0.27	120.21	0.56	120.21	119.94	0.27	448.466	CC, ES	
200.00	200.00	195.51	195.49	0.49	0.48	0.06	121.74	0.14	121.81	120.83	0.98	124.549		
300.00	300.00	291.38	291.23	0.85	0.83	-0.52	126.36	-1.15	126.63	124.94	1.69	74.968		
400.00	400.00	386.82	386.34	1.21	1.19	-1.40	134.03	-3.28	134.70	132.31	2.40	56.188		
500.00	500.00	481.63	480.50	1.57	1.55	-2.47	144.66	-6.24	146.02	142.92	3.10	47.070		
600.00	600.00	575.60	573.42	1.93	1.94	-3.62	158.16	-10.00	160.59	156.78	3.80	42.232		
700.00	700.00	668.56	664.83	2.29	2.35	-4.76	174.38	-14.51	178.37	173.87	4.50	39.668		
800.00	799.98	760.21	754.38	2.63	2.78	112.46	193.18	-19.74	199.98	194.81	5.17	38.645		
900.00	899.84	850.19	841.65	2.97	3.24	112.12	214.30	-25.62	225.94	220.09	5.84	38.666		
1,000.00	999.45	938.20	926.30	3.32	3.71	112.25	237.51	-32.07	256.11	249.60	6.51	39.331		
1,100.00	1,098.70	1,023.97	1,008.03	3.69	4.20	112.64	262.52	-39.03	290.42	283.24	7.18	40.450		
1,200.00	1,197.68	1,107.53	1,086.89	4.07	4.71	113.62	289.14	-46.44	328.29	320.43	7.85	41.812		
1,300.00	1,296.65	1,189.17	1,163.12	4.46	5.24	114.37	317.29	-54.27	368.83	360.31	8.52	43.311		
1,400.00	1,395.63	1,268.82	1,236.66	4.86	5.79	114.89	346.75	-62.47	411.90	402.72	9.17	44.897		
1,500.00	1,494.60	1,351.66	1,312.32	5.27	6.39	115.26	379.24	-71.51	457.15	447.28	9.87	46.305		
1,600.00	1,593.58	1,440.60	1,393.42	5.67	7.04	115.57	414.44	-81.31	502.79	492.15	10.64	47.252		
1,700.00	1,692.55	1,529.55	1,474.52	6.09	7.71	115.84	449.64	-91.10	548.44	537.02	11.42	48.041		
1,800.00	1,791.53	1,618.50	1,555.61	6.50	8.38	116.06	484.84	-100.89	594.09	581.90	12.20	48.705		
1,900.00	1,890.50	1,707.45	1,636.71	6.92	9.05	116.25	520.04	-110.69	639.76	626.77	12.98	49.269		
2,000.00	1,989.48	1,803.61	1,717.80	7.34	9.78	116.42	555.24	-120.48	685.42	671.61	13.81	49.630		
2,100.00	2,088.45	1,885.34	1,798.90	7.76	10.40	116.56	590.44	-130.28	731.09	716.52	14.57	50.174		
2,200.00	2,187.43	1,974.29	1,880.00	8.19	11.08	116.69	625.64	-140.07	776.77	761.40	15.37	50.540		
2,300.00	2,286.40	2,063.23	1,961.09	8.61	11.76	116.80	660.84	-149.87	822.45	806.28	16.17	50.861		
2,400.00	2,385.38	2,152.18	2,042.19	9.04	12.44	116.90	696.05	-159.66	868.13	851.15	16.97	51.146		
2,500.00	2,484.35	2,241.13	2,123.28	9.46	13.13	117.00	731.25	-169.46	913.81	896.03	17.78	51.399		
2,600.00	2,583.32	2,330.08	2,204.38	9.89	13.81	117.08	766.45	-179.25	959.49	940.91	18.59	51.626		
2,700.00	2,682.30	2,419.02	2,285.47	10.32	14.50	117.15	801.65	-189.05	1,005.18	985.78	19.39	51.829		
2,800.00	2,781.27	2,507.97	2,366.57	10.75	15.18	117.22	836.85	-198.84	1,050.86	1,030.66	20.20	52.013		
2,900.00	2,880.25	2,603.08	2,447.67	11.18	15.92	117.29	872.05	-208.63	1,096.55	1,075.51	21.05	52.104		
3,000.00	2,979.22	2,685.86	2,528.76	11.61	16.56	117.34	907.25	-218.43	1,142.24	1,120.41	21.83	52.331		
3,100.00	3,078.20	2,774.81	2,609.86	12.04	17.24	117.40	942.45	-228.22	1,187.93	1,165.29	22.64	52.469		
3,200.00	3,177.17	2,863.76	2,690.95	12.47	17.93	117.45	977.65	-238.02	1,233.62	1,210.16	23.45	52.595		
3,300.00	3,276.15	2,952.70	2,772.05	12.90	18.62	117.49	1,012.85	-247.81	1,279.31	1,255.04	24.27	52.711		
3,400.00	3,375.12	3,041.65	2,853.15	13.33	19.31	117.54	1,048.05	-257.61	1,325.00	1,299.91	25.09	52.819		
3,500.00	3,474.10	3,130.60	2,934.24	13.76	20.00	117.58	1,083.26	-267.40	1,370.69	1,344.79	25.90	52.917		
3,600.00	3,573.07	3,219.55	3,015.34	14.19	20.69	117.61	1,118.46	-277.20	1,416.38	1,389.66	26.72	53.009		
3,700.00	3,672.05	3,308.49	3,096.43	14.62	21.38	117.65	1,153.66	-286.99	1,462.08	1,434.54	27.54	53.093		
3,800.00	3,771.02	3,402.56	3,177.53	15.05	22.11	117.68	1,188.86	-296.79	1,507.77	1,479.39	28.38	53.125		
3,900.00	3,870.00	3,486.39	3,258.63	15.49	22.76	117.71	1,224.06	-306.58	1,553.46	1,524.29	29.18	53.246		
4,000.00	3,968.97	3,575.33	3,339.72	15.92	23.45	117.74	1,259.26	-316.37	1,599.16	1,569.16	30.00	53.314		
4,100.00	4,067.94	3,664.28	3,420.82	16.35	24.14	117.77	1,294.46	-326.17	1,644.85	1,614.03	30.82	53.378		
4,200.00	4,166.92	3,753.23	3,501.91	16.78	24.83	117.80	1,329.66	-335.96	1,690.54	1,658.91	31.64	53.438		
4,300.00	4,265.89	3,842.18	3,583.01	17.22	25.52	117.82	1,364.86	-345.76	1,736.24	1,703.78	32.46	53.494		
4,400.00	4,364.87	3,931.12	3,664.10	17.65	26.21	117.84	1,400.06	-355.55	1,781.93	1,748.65	33.28	53.546		
4,500.00	4,463.84	4,020.07	3,745.20	18.08	26.90	117.87	1,435.26	-365.35	1,827.63	1,793.53	34.10	53.595		
4,600.00	4,562.82	4,109.02	3,826.30	18.51	27.60	117.89	1,470.47	-375.14	1,873.32	1,838.40	34.92	53.642		
4,700.00	4,661.79	4,202.04	3,907.39	18.95	28.32	117.91	1,505.67	-384.94	1,919.02	1,883.25	35.77	53.655		
4,800.00	4,760.77	4,286.91	3,988.49	19.38	28.98	117.93	1,540.87	-394.73	1,964.71	1,928.14	36.57	53.727		
4,900.00	4,859.74	4,375.86	4,069.58	19.81	29.67	117.94	1,576.07	-404.52	2,010.41	1,973.02	37.39	53.765		
5,000.00	4,958.72	4,464.80	4,150.68	20.25	30.36	117.96	1,611.27	-414.32	2,056.11	2,017.89	38.22	53.802		
5,100.00	5,057.69	4,553.75	4,231.78	20.68	31.05	117.98	1,646.47	-424.11	2,101.80	2,062.76	39.04	53.836		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 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		
5,200.00	5,156.67	4,642.70	4,312.87	21.12	31.74	118.00	1,681.67	-433.91	2,147.50	2,107.63	39.87	53.869		
5,300.00	5,255.64	4,731.65	4,393.97	21.55	32.44	118.01	1,716.87	-443.70	2,193.19	2,152.50	40.69	53.900		
5,400.00	5,354.62	4,820.59	4,475.06	21.98	33.13	118.03	1,752.07	-453.50	2,238.89	2,197.37	41.52	53.929		
5,500.00	5,453.59	4,909.54	4,556.16	22.42	33.82	118.04	1,787.27	-463.29	2,284.59	2,242.25	42.34	53.957		
5,600.00	5,552.56	4,998.49	4,637.25	22.85	34.51	118.05	1,822.47	-473.09	2,330.28	2,287.12	43.17	53.983		
5,700.00	5,651.54	5,087.43	4,718.35	23.28	35.21	118.07	1,857.68	-482.88	2,375.98	2,331.99	43.99	54.007		
5,800.00	5,750.51	5,176.38	4,799.45	23.72	35.90	118.08	1,892.88	-492.68	2,421.68	2,376.86	44.82	54.031		
5,900.00	5,849.49	5,265.33	4,880.54	24.15	36.59	118.09	1,928.08	-502.47	2,467.37	2,421.73	45.65	54.053		
6,000.00	5,948.46	5,354.27	4,961.64	24.59	37.28	118.10	1,963.28	-512.26	2,513.07	2,466.60	46.47	54.074		
6,100.00	6,047.44	5,443.22	5,042.73	25.02	37.97	118.11	1,998.48	-522.06	2,558.77	2,511.47	47.30	54.094		
6,200.00	6,146.41	5,532.17	5,123.83	25.45	38.67	118.13	2,033.68	-531.85	2,604.47	2,556.34	48.13	54.113		
6,300.00	6,245.39	5,621.12	5,204.93	25.89	39.36	118.14	2,068.88	-541.65	2,650.16	2,601.20	48.96	54.131		
6,400.00	6,344.36	5,710.06	5,286.02	26.32	40.05	118.15	2,104.08	-551.44	2,695.86	2,646.07	49.79	54.148		
6,500.00	6,443.34	5,800.99	5,367.12	26.76	40.76	118.16	2,139.28	-561.24	2,741.56	2,690.93	50.63	54.153		
6,600.00	6,542.31	5,887.96	5,448.21	27.19	41.44	118.17	2,174.48	-571.03	2,787.25	2,735.81	51.45	54.179		
6,700.00	6,641.29	5,976.90	5,529.31	27.63	42.13	118.17	2,209.68	-580.83	2,832.95	2,780.68	52.28	54.193		
6,800.00	6,740.26	6,065.85	5,610.41	28.06	42.82	118.18	2,244.89	-590.62	2,878.65	2,825.55	53.10	54.207		
6,900.00	6,839.24	6,154.80	5,691.50	28.50	43.51	118.19	2,280.09	-600.42	2,924.35	2,870.41	53.94	54.220		
7,000.00	6,938.21	6,243.75	5,772.60	28.93	44.21	118.20	2,315.29	-610.21	2,970.05	2,915.28	54.77	54.232		
7,100.00	7,037.18	6,332.69	5,853.69	29.36	44.90	118.21	2,350.49	-620.00	3,015.74	2,960.15	55.60	54.243		
7,200.00	7,136.16	6,421.64	5,934.79	29.80	45.59	118.22	2,385.69	-629.80	3,061.44	3,005.01	56.43	54.254		
7,300.00	7,235.71	6,510.12	6,015.46	30.16	46.28	-141.73	2,420.70	-639.54	3,107.05	3,049.89	57.16	54.355		
7,400.00	7,334.44	6,595.86	6,093.63	30.38	46.95	-99.18	2,454.64	-648.98	3,151.72	3,094.00	57.71	54.610		
7,500.00	7,429.33	6,676.27	6,166.95	30.53	47.58	-87.92	2,486.46	-657.84	3,194.46	3,136.35	58.11	54.972		
7,600.00	7,517.51	6,748.90	6,233.17	30.60	48.14	-81.65	2,515.20	-665.84	3,234.57	3,176.20	58.37	55.410		
7,700.00	7,596.31	6,811.55	6,290.28	30.64	48.63	-77.23	2,540.00	-672.73	3,271.53	3,212.99	58.54	55.886		
7,800.00	7,663.31	6,862.31	6,336.56	30.67	49.02	-73.83	2,560.08	-678.32	3,304.96	3,246.31	58.66	56.345		
7,900.00	7,716.50	6,900.37	6,370.59	30.73	49.32	-71.06	2,574.86	-682.43	3,334.54	3,275.75	58.79	56.723		
8,000.00	7,754.25	6,922.40	6,391.34	30.89	49.49	-68.75	2,583.86	-684.94	3,359.94	3,300.97	58.97	56.977		
8,100.00	7,775.41	6,929.90	6,398.19	31.21	49.55	-66.81	2,586.83	-685.77	3,380.78	3,321.54	59.24	57.065		
8,200.00	7,780.00	6,922.49	6,391.43	31.71	49.49	-65.57	2,583.90	-684.95	3,396.94	3,337.33	59.61	56.990		
8,300.00	7,780.00	6,911.01	6,380.96	32.46	49.40	-65.38	2,579.36	-683.69	3,413.80	3,353.66	60.14	56.764		
8,400.00	7,780.00	6,900.48	6,370.49	33.45	49.32	-65.18	2,574.81	-682.42	3,433.45	3,372.59	60.86	56.414		
8,500.00	7,780.00	6,888.04	6,360.02	34.65	49.22	-64.99	2,570.27	-681.16	3,455.85	3,394.11	61.74	55.978		
8,600.00	7,780.00	6,876.55	6,349.55	36.03	49.13	-64.79	2,565.72	-679.89	3,480.94	3,418.19	62.75	55.473		
8,700.00	7,780.00	6,865.07	6,339.08	37.56	49.05	-64.60	2,561.18	-678.63	3,508.66	3,444.78	63.88	54.926		
8,800.00	7,780.00	6,853.58	6,328.61	39.22	48.96	-64.40	2,556.63	-677.36	3,538.95	3,473.85	65.10	54.359		
8,900.00	7,780.00	6,842.10	6,318.13	40.99	48.87	-64.21	2,552.09	-676.10	3,571.76	3,505.36	66.40	53.791		
9,000.00	7,780.00	6,830.61	6,307.66	42.86	48.78	-64.01	2,547.54	-674.83	3,607.00	3,539.24	67.76	53.235		
9,100.00	7,780.00	6,819.13	6,297.19	44.82	48.69	-63.82	2,543.00	-673.57	3,644.60	3,575.45	69.15	52.705		
9,200.00	7,780.00	9,774.88	7,780.00	46.84	59.42	-90.01	3,191.34	792.57	3,681.22	3,583.74	97.48	37.765		
9,300.00	7,780.00	9,874.87	7,780.00	48.94	59.93	-90.01	3,191.63	892.56	3,682.70	3,581.22	101.48	36.289		
9,400.00	7,780.00	9,974.86	7,780.00	51.09	60.67	-90.01	3,191.91	992.55	3,684.18	3,578.57	105.61	34.883		
9,500.00	7,780.00	10,074.84	7,780.00	53.29	61.70	-90.01	3,192.20	1,092.53	3,685.67	3,575.82	109.85	33.551		
9,600.00	7,780.00	10,174.83	7,780.00	55.53	63.02	-90.01	3,192.49	1,192.52	3,687.15	3,572.96	114.19	32.290		
9,700.00	7,780.00	10,274.82	7,780.00	57.81	64.59	-90.01	3,192.77	1,292.51	3,688.64	3,570.03	118.61	31.099		
9,800.00	7,780.00	10,374.81	7,780.00	60.13	66.36	-90.01	3,193.06	1,392.50	3,690.12	3,567.01	123.11	29.974		
9,900.00	7,780.00	10,474.80	7,780.00	62.48	68.28	-90.01	3,193.35	1,492.49	3,691.61	3,563.93	127.68	28.914		
10,000.00	7,780.00	10,574.79	7,780.00	64.85	70.31	-90.01	3,193.63	1,592.48	3,693.09	3,560.79	132.31	27.913		
10,100.00	7,780.00	10,674.78	7,780.00	67.25	72.41	-90.01	3,193.92	1,692.47	3,694.58	3,557.59	136.99	26.970		
10,200.00	7,780.00	10,774.77	7,780.00	69.67	74.58	-90.01	3,194.20	1,792.45	3,696.06	3,554.34	141.72	26.079		
10,300.00	7,780.00	10,874.76	7,780.00	72.11	76.81	-90.01	3,194.49	1,892.44	3,697.55	3,551.04	146.50	25.239		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 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		
10,400.00	7,780.00	10,974.75	7,780.00	74.56	79.07	-90.01	3,194.78	1,992.43	3,699.03	3,547.71	151.32	24.445		
10,500.00	7,780.00	11,074.73	7,780.00	77.04	81.37	-90.01	3,195.06	2,092.42	3,700.51	3,544.33	156.18	23.694		
10,600.00	7,780.00	11,174.72	7,780.00	79.52	83.70	-90.01	3,195.35	2,192.41	3,702.00	3,540.93	161.07	22.984		
10,700.00	7,780.00	11,274.71	7,780.00	82.02	86.06	-90.01	3,195.64	2,292.40	3,703.48	3,537.49	165.99	22.311		
10,800.00	7,780.00	11,374.70	7,780.00	84.54	88.43	-90.01	3,195.92	2,392.39	3,704.97	3,534.03	170.94	21.674		
10,900.00	7,780.00	11,474.69	7,780.00	87.06	90.83	-90.01	3,196.21	2,492.37	3,706.45	3,530.53	175.92	21.069		
11,000.00	7,780.00	11,574.68	7,780.00	89.59	93.25	-90.01	3,196.49	2,592.36	3,707.94	3,527.02	180.92	20.495		
11,100.00	7,780.00	11,674.67	7,780.00	92.14	95.68	-90.01	3,196.78	2,692.35	3,709.42	3,523.48	185.94	19.950		
11,200.00	7,780.00	11,774.66	7,780.00	94.69	98.13	-90.01	3,197.07	2,792.34	3,710.91	3,519.93	190.98	19.431		
11,300.00	7,780.00	11,874.65	7,780.00	97.24	100.59	-90.01	3,197.35	2,892.33	3,712.39	3,516.35	196.04	18.937		
11,400.00	7,780.00	11,974.63	7,780.00	99.81	103.06	-90.01	3,197.64	2,992.32	3,713.88	3,512.76	201.11	18.466		
11,500.00	7,780.00	12,074.62	7,780.00	102.38	105.55	-90.01	3,197.93	3,092.31	3,715.36	3,509.15	206.21	18.018		
11,600.00	7,780.00	12,174.61	7,780.00	104.96	108.04	-90.01	3,198.21	3,192.29	3,716.84	3,505.53	211.31	17.589		
11,700.00	7,780.00	12,274.60	7,780.00	107.55	110.55	-90.01	3,198.50	3,292.28	3,718.33	3,501.89	216.43	17.180		
11,800.00	7,780.00	12,374.59	7,780.00	110.14	113.06	-90.01	3,198.78	3,392.27	3,719.81	3,498.25	221.57	16.789		
11,900.00	7,780.00	12,474.58	7,780.00	112.73	115.58	-90.01	3,199.07	3,492.26	3,721.30	3,494.59	226.71	16.414		
12,000.00	7,780.00	12,574.57	7,780.00	115.33	118.11	-90.01	3,199.36	3,592.25	3,722.78	3,490.91	231.87	16.056		
12,100.00	7,780.00	12,674.56	7,780.00	117.93	120.65	-90.01	3,199.64	3,692.24	3,724.27	3,487.23	237.04	15.712		
12,200.00	7,780.00	12,774.55	7,780.00	120.54	123.19	-90.01	3,199.93	3,792.23	3,725.75	3,483.54	242.21	15.382		
12,300.00	7,780.00	12,874.54	7,780.00	123.15	125.74	-90.01	3,200.22	3,892.21	3,727.24	3,479.84	247.40	15.066		
12,400.00	7,780.00	12,974.52	7,780.00	125.77	128.30	-90.01	3,200.50	3,992.20	3,728.72	3,476.13	252.59	14.762		
12,500.00	7,780.00	13,074.51	7,780.00	128.39	130.86	-90.01	3,200.79	4,092.19	3,730.21	3,472.41	257.79	14.470		
12,600.00	7,780.00	13,174.50	7,780.00	131.01	133.43	-90.01	3,201.08	4,192.18	3,731.69	3,468.69	263.00	14.189		
12,700.00	7,780.00	13,274.49	7,780.00	133.63	136.00	-90.01	3,201.36	4,292.17	3,733.18	3,464.96	268.22	13.918		
12,800.00	7,780.00	13,374.48	7,780.00	136.26	138.57	-90.01	3,201.65	4,392.16	3,734.66	3,461.22	273.44	13.658		
12,900.00	7,780.00	13,474.47	7,780.00	138.89	141.15	-90.01	3,201.93	4,492.15	3,736.14	3,457.47	278.67	13.407		
13,000.00	7,780.00	13,574.46	7,780.00	141.52	143.74	-90.01	3,202.22	4,592.13	3,737.63	3,453.72	283.91	13.165		
13,100.00	7,780.00	13,674.45	7,780.00	144.16	146.32	-90.01	3,202.51	4,692.12	3,739.11	3,449.97	289.15	12.931		
13,200.00	7,780.00	13,774.44	7,780.00	146.79	148.91	-90.01	3,202.79	4,792.11	3,740.60	3,446.20	294.39	12.706		
13,300.00	7,780.00	13,874.43	7,780.00	149.43	151.51	-90.01	3,203.08	4,892.10	3,742.08	3,442.44	299.65	12.488		
13,400.00	7,780.00	13,974.41	7,780.00	152.07	154.11	-90.01	3,203.37	4,992.09	3,743.57	3,438.66	304.90	12.278		
13,500.00	7,780.00	14,074.40	7,780.00	154.72	156.71	-90.01	3,203.65	5,092.08	3,745.05	3,434.89	310.16	12.074		
13,600.00	7,780.00	14,174.39	7,780.00	157.36	159.31	-90.01	3,203.94	5,192.07	3,746.54	3,431.11	315.43	11.878		
13,700.00	7,780.00	14,274.38	7,780.00	160.01	161.92	-90.01	3,204.22	5,292.05	3,748.02	3,427.32	320.70	11.687		
13,800.00	7,780.00	14,374.37	7,780.00	162.66	164.53	-90.01	3,204.51	5,392.04	3,749.51	3,423.53	325.97	11.503		
13,900.00	7,780.00	14,474.36	7,780.00	165.31	167.14	-90.01	3,204.80	5,492.03	3,750.99	3,419.74	331.25	11.324		
14,000.00	7,780.00	14,574.35	7,780.00	167.96	169.76	-90.01	3,205.08	5,592.02	3,752.47	3,415.95	336.53	11.151		
14,100.00	7,780.00	14,674.34	7,780.00	170.61	172.38	-90.01	3,205.37	5,692.01	3,753.96	3,412.15	341.81	10.983		
14,200.00	7,780.00	14,774.33	7,780.00	173.26	175.00	-90.01	3,205.66	5,792.00	3,755.44	3,408.35	347.10	10.820		
14,300.00	7,780.00	14,874.32	7,780.00	175.92	177.62	-90.01	3,205.94	5,891.99	3,756.93	3,404.54	352.39	10.661		
14,400.00	7,780.00	14,974.30	7,780.00	178.58	180.24	-90.01	3,206.23	5,991.97	3,758.41	3,400.73	357.68	10.508		
14,500.00	7,780.00	15,074.29	7,780.00	181.23	182.87	-90.01	3,206.51	6,091.96	3,759.90	3,396.92	362.98	10.358		
14,600.00	7,780.00	15,174.28	7,780.00	183.89	185.50	-90.01	3,206.80	6,191.95	3,761.38	3,393.11	368.28	10.213		
14,700.00	7,780.00	15,274.27	7,780.00	186.55	188.13	-90.01	3,207.09	6,291.94	3,762.87	3,389.29	373.58	10.073		
14,800.00	7,780.00	15,374.26	7,780.00	189.21	190.76	-90.01	3,207.37	6,391.93	3,764.35	3,385.47	378.88	9.935		
14,900.00	7,780.00	15,474.25	7,780.00	191.88	193.39	-90.01	3,207.66	6,491.92	3,765.84	3,381.65	384.19	9.802		
15,000.00	7,780.00	15,574.24	7,780.00	194.54	196.02	-90.01	3,207.95	6,591.91	3,767.32	3,377.83	389.50	9.672		
15,100.00	7,780.00	15,674.23	7,780.00	197.20	198.66	-90.01	3,208.23	6,691.89	3,768.81	3,374.00	394.81	9.546		
15,200.00	7,780.00	15,774.22	7,780.00	199.87	201.30	-90.01	3,208.52	6,791.88	3,770.29	3,370.17	400.12	9.423		
15,300.00	7,780.00	15,874.21	7,780.00	202.53	203.94	-90.01	3,208.80	6,891.87	3,771.77	3,366.34	405.43	9.303		
15,400.00	7,780.00	15,974.19	7,780.00	205.20	206.58	-90.01	3,209.09	6,991.86	3,773.26	3,362.51	410.75	9.186		
15,500.00	7,780.00	16,074.18	7,780.00	207.86	209.22	-90.01	3,209.38	7,091.85	3,774.74	3,358.68	416.07	9.072		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 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		
15,600.00	7,780.00	16,174.17	7,780.00	210.53	211.86	-90.01	3,209.66	7,191.84	3,776.23	3,354.84	421.39	8.961		
15,700.00	7,780.00	16,274.16	7,780.00	213.20	214.51	-90.01	3,209.95	7,291.83	3,777.71	3,351.00	426.71	8.853		
15,800.00	7,780.00	16,374.14	7,780.00	215.87	217.15	-90.01	3,210.24	7,391.80	3,779.75	3,347.72	432.03	8.749		
15,900.00	7,780.00	16,474.00	7,780.00	218.54	219.79	-90.01	3,210.52	7,491.66	3,784.95	3,347.59	437.36	8.654		
16,000.00	7,780.00	16,573.66	7,780.00	221.22	222.43	-90.01	3,210.81	7,591.32	3,793.20	3,350.53	442.67	8.569		
16,100.00	7,780.00	16,673.28	7,780.00	223.89	225.07	-90.01	3,211.09	7,690.94	3,801.90	3,353.91	447.99	8.487		
16,200.00	7,780.00	16,772.90	7,780.00	226.57	227.71	-90.01	3,211.38	7,790.56	3,810.59	3,357.28	453.31	8.406		
16,300.00	7,780.00	16,872.52	7,780.00	229.24	230.35	-90.01	3,211.66	7,890.18	3,819.29	3,360.66	458.63	8.328		
16,400.00	7,780.00	16,972.14	7,780.00	231.92	232.99	-90.01	3,211.95	7,989.80	3,827.98	3,364.04	463.95	8.251		
16,500.00	7,780.00	17,071.76	7,780.00	234.60	235.64	-90.01	3,212.23	8,089.42	3,836.68	3,367.41	469.27	8.176		
16,600.00	7,780.00	17,171.38	7,780.00	237.28	238.28	-90.01	3,212.52	8,189.04	3,845.37	3,370.78	474.59	8.103		
16,700.00	7,780.00	17,271.00	7,780.00	239.96	240.92	-90.01	3,212.80	8,288.66	3,854.07	3,374.15	479.91	8.031		
16,800.00	7,780.00	17,370.63	7,780.00	242.64	243.57	-90.01	3,213.09	8,388.29	3,862.76	3,377.52	485.24	7.961		
16,900.00	7,780.00	17,470.25	7,780.00	245.32	246.21	-90.01	3,213.37	8,487.91	3,871.46	3,380.89	490.57	7.892		
17,000.00	7,780.00	17,569.87	7,780.00	248.00	248.86	-90.01	3,213.66	8,587.53	3,880.15	3,384.26	495.89	7.825		
17,100.00	7,780.00	17,669.49	7,780.00	250.68	251.51	-90.01	3,213.94	8,687.15	3,888.85	3,387.62	501.22	7.759		
17,200.00	7,780.00	17,769.11	7,780.00	253.36	254.16	-90.01	3,214.23	8,786.77	3,897.54	3,390.99	506.55	7.694		
17,300.00	7,780.00	17,868.73	7,780.00	256.04	256.81	-90.01	3,214.51	8,886.39	3,906.24	3,394.35	511.88	7.631		
17,400.00	7,780.00	17,968.35	7,780.00	258.72	259.46	-90.01	3,214.80	8,986.01	3,914.93	3,397.72	517.22	7.569		
17,500.00	7,780.00	18,067.97	7,780.00	261.41	262.11	-90.01	3,215.09	9,085.63	3,923.63	3,401.08	522.55	7.509		
17,600.00	7,780.00	18,167.60	7,780.00	264.09	264.76	-90.01	3,215.37	9,185.25	3,932.32	3,404.44	527.88	7.449		
17,700.00	7,780.00	18,267.22	7,780.00	266.77	267.41	-90.01	3,215.66	9,284.87	3,941.02	3,407.80	533.22	7.391		
17,800.00	7,780.00	18,366.84	7,780.00	269.46	270.06	-90.01	3,215.94	9,384.49	3,949.71	3,411.16	538.55	7.334		
17,900.00	7,780.00	18,466.46	7,780.00	272.14	272.71	-90.01	3,216.23	9,484.11	3,958.41	3,414.52	543.89	7.278		
18,000.00	7,780.00	18,566.08	7,780.00	274.83	275.37	-90.01	3,216.51	9,583.74	3,967.10	3,417.88	549.23	7.223		
18,100.00	7,780.00	18,665.70	7,780.00	277.51	278.02	-90.01	3,216.80	9,683.36	3,975.80	3,421.23	554.56	7.169		
18,200.00	7,780.00	18,765.32	7,780.00	280.20	280.68	-90.01	3,217.08	9,782.98	3,984.49	3,424.59	559.90	7.116		
18,300.00	7,780.00	18,864.94	7,780.00	282.89	283.33	-90.01	3,217.37	9,882.60	3,993.19	3,427.95	565.24	7.065		
18,400.00	7,780.00	18,964.57	7,780.00	285.57	285.99	-90.01	3,217.65	9,982.22	4,001.89	3,431.30	570.58	7.014		
18,500.00	7,780.00	19,064.19	7,780.00	288.26	288.64	-90.01	3,217.94	10,081.84	4,010.58	3,434.66	575.92	6.964		
18,600.00	7,780.00	19,163.81	7,780.00	290.95	291.30	-90.01	3,218.22	10,181.46	4,019.28	3,438.01	581.27	6.915		
18,700.00	7,780.00	19,263.43	7,780.00	293.64	293.96	-90.01	3,218.51	10,281.08	4,027.97	3,441.36	586.61	6.867		
18,800.00	7,780.00	19,363.05	7,780.00	296.32	296.61	-90.01	3,218.79	10,380.70	4,036.67	3,444.71	591.95	6.819		
18,900.00	7,780.00	19,462.67	7,780.00	299.01	299.27	-90.01	3,219.08	10,480.32	4,045.36	3,448.07	597.30	6.773		
19,000.00	7,780.00	19,562.29	7,780.00	301.70	301.93	-90.01	3,219.36	10,579.94	4,054.06	3,451.42	602.64	6.727		
19,100.00	7,780.00	19,661.91	7,780.00	304.39	304.59	-90.01	3,219.65	10,679.57	4,062.75	3,454.77	607.98	6.682		
19,200.00	7,780.00	19,761.54	7,780.00	307.08	307.25	-90.01	3,219.93	10,779.19	4,071.45	3,458.12	613.33	6.638		
19,300.00	7,780.00	19,861.16	7,780.00	309.77	309.91	-90.01	3,220.22	10,878.81	4,080.14	3,461.47	618.68	6.595		
19,400.00	7,780.00	19,960.78	7,780.00	312.46	312.57	-90.01	3,220.50	10,978.43	4,088.84	3,464.82	624.02	6.552		
19,500.00	7,780.00	20,060.40	7,780.00	315.15	315.23	-90.01	3,220.79	11,078.05	4,097.53	3,468.16	629.37	6.511		
19,600.00	7,780.00	20,160.02	7,780.00	317.84	317.89	-90.01	3,221.07	11,177.67	4,106.23	3,471.51	634.72	6.469		
19,700.00	7,780.00	20,259.64	7,780.00	320.53	320.55	-90.01	3,221.36	11,277.29	4,114.92	3,474.86	640.07	6.429		
19,800.00	7,780.00	20,359.26	7,780.00	323.22	323.21	-90.01	3,221.65	11,376.91	4,123.62	3,478.20	645.41	6.389		
19,900.00	7,780.00	20,458.88	7,780.00	325.91	325.87	-90.01	3,221.93	11,476.53	4,132.31	3,481.55	650.76	6.350		
20,000.00	7,780.00	20,558.51	7,780.00	328.60	328.53	-90.01	3,222.22	11,576.15	4,141.01	3,484.90	656.11	6.311		
20,100.00	7,780.00	20,658.13	7,780.00	331.30	331.20	-90.01	3,222.50	11,675.77	4,149.70	3,488.24	661.46	6.274		
20,200.00	7,780.00	20,757.75	7,780.00	333.99	333.86	-90.01	3,222.79	11,775.39	4,158.40	3,491.59	666.81	6.236		
20,300.00	7,780.00	20,857.37	7,780.00	336.68	336.52	-90.01	3,223.07	11,875.02	4,167.09	3,494.93	672.16	6.200		
20,400.00	7,780.00	20,956.99	7,780.00	339.37	339.19	-90.01	3,223.36	11,974.64	4,175.79	3,498.27	677.52	6.163		
20,500.00	7,780.00	21,056.61	7,780.00	342.07	341.85	-90.01	3,223.64	12,074.26	4,184.48	3,501.62	682.87	6.128		
20,600.00	7,780.00	21,156.23	7,780.00	344.76	344.51	-90.01	3,223.93	12,173.88	4,193.18	3,504.96	688.22	6.093		
20,700.00	7,780.00	21,255.85	7,780.00	347.45	347.18	-90.01	3,224.21	12,273.50	4,201.88	3,508.30	693.57	6.058		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 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		
20,800.00	7,780.00	21,355.48	7,780.00	350.14	349.84	-90.01	3,224.50	12,373.12	4,210.57	3,511.64	698.93	6.024		
20,900.00	7,780.00	21,455.10	7,780.00	352.84	352.51	-90.01	3,224.78	12,472.74	4,219.27	3,514.99	704.28	5.991		
21,000.00	7,780.00	21,554.72	7,780.00	355.53	355.17	-90.01	3,225.07	12,572.36	4,227.96	3,518.33	709.63	5.958		
21,100.00	7,780.00	21,654.34	7,780.00	358.22	357.84	-90.01	3,225.35	12,671.98	4,236.66	3,521.67	714.99	5.925		
21,200.00	7,780.00	21,753.96	7,780.00	360.92	360.50	-90.01	3,225.64	12,771.60	4,245.35	3,525.01	720.34	5.894		
21,300.00	7,780.00	21,853.58	7,780.00	363.61	363.17	-90.01	3,225.92	12,871.22	4,254.05	3,528.35	725.70	5.862		
21,400.00	7,780.00	21,953.20	7,780.00	366.31	365.83	-90.01	3,226.21	12,970.84	4,262.74	3,531.69	731.05	5.831		
21,500.00	7,780.00	22,052.82	7,780.00	369.00	368.50	-90.01	3,226.49	13,070.47	4,271.44	3,535.03	736.41	5.800		
21,600.00	7,780.00	22,152.45	7,780.00	371.70	371.17	-90.01	3,226.78	13,170.09	4,280.13	3,538.37	741.76	5.770		
21,700.00	7,780.00	22,252.07	7,780.00	374.39	373.83	-90.01	3,227.06	13,269.71	4,288.83	3,541.71	747.12	5.740		
21,800.00	7,780.00	22,351.69	7,780.00	377.09	376.50	-90.01	3,227.35	13,369.33	4,297.52	3,545.05	752.48	5.711		
21,900.00	7,780.00	22,451.31	7,780.00	379.78	379.17	-90.01	3,227.63	13,468.95	4,306.22	3,548.38	757.83	5.682		
22,000.00	7,780.00	22,550.93	7,780.00	382.48	381.84	-90.01	3,227.92	13,568.57	4,314.91	3,551.72	763.19	5.654		
22,100.00	7,780.00	22,650.55	7,780.00	385.17	384.50	-90.01	3,228.20	13,668.19	4,323.61	3,555.06	768.55	5.626		
22,200.00	7,780.00	22,750.17	7,780.00	387.87	387.17	-90.01	3,228.49	13,767.81	4,332.30	3,558.40	773.91	5.598		
22,300.00	7,780.00	22,849.79	7,780.00	390.56	389.84	-90.01	3,228.78	13,867.43	4,341.00	3,561.74	779.26	5.571		
22,400.00	7,780.00	22,949.42	7,780.00	393.26	392.51	-90.01	3,229.06	13,967.05	4,349.69	3,565.07	784.62	5.544		
22,500.00	7,780.00	23,049.04	7,780.00	395.95	395.18	-90.01	3,229.35	14,066.67	4,358.39	3,568.41	789.98	5.517		
22,600.00	7,780.00	23,148.66	7,780.00	398.65	397.85	-90.01	3,229.63	14,166.29	4,367.08	3,571.74	795.34	5.491		
22,700.00	7,780.00	23,248.28	7,780.00	401.35	400.51	-90.01	3,229.92	14,265.92	4,375.78	3,575.08	800.70	5.465		
22,800.00	7,780.00	23,347.90	7,780.00	404.04	403.18	-90.01	3,230.20	14,365.54	4,384.47	3,578.42	806.06	5.439		
22,900.00	7,780.00	23,447.52	7,780.00	406.74	405.85	-90.01	3,230.49	14,465.16	4,393.17	3,581.75	811.42	5.414		
23,000.00	7,780.00	23,547.14	7,780.00	409.43	408.52	-90.01	3,230.77	14,564.78	4,401.87	3,585.09	816.78	5.389		
23,100.00	7,780.00	23,646.76	7,780.00	412.13	411.19	-90.01	3,231.06	14,664.40	4,410.56	3,588.42	822.14	5.365		
23,200.00	7,780.00	23,746.39	7,780.00	414.83	413.86	-90.01	3,231.34	14,764.02	4,419.26	3,591.76	827.50	5.341		
23,300.00	7,780.00	23,846.01	7,780.00	417.52	416.53	-90.01	3,231.63	14,863.64	4,427.95	3,595.09	832.86	5.317		
23,400.00	7,780.00	23,945.63	7,780.00	420.22	419.20	-90.01	3,231.91	14,963.26	4,436.65	3,598.43	838.22	5.293		
23,500.00	7,780.00	24,045.25	7,780.00	422.92	421.87	-90.01	3,232.20	15,062.88	4,445.34	3,601.76	843.58	5.270		
23,600.00	7,780.00	24,144.87	7,780.00	425.62	424.54	-90.01	3,232.48	15,162.50	4,454.04	3,605.09	848.94	5.247		
23,669.75	7,780.00	24,214.36	7,780.00	427.50	426.41	-90.01	3,232.68	15,231.99	4,460.10	3,607.42	852.68	5.231 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.50	-0.50	0.00	0.00	0.16	100.17	0.28	100.17					
100.00	100.00	100.50	99.50	0.13	0.14	0.16	100.17	0.28	100.17	99.90	0.27	370.130		
200.00	200.00	199.50	199.50	0.49	0.49	0.16	100.17	0.28	100.17	99.19	0.98	101.803 CC, ES		
300.00	300.00	296.28	296.26	0.85	0.84	-0.14	101.70	-0.25	101.76	100.06	1.69	60.090		
400.00	400.00	392.83	392.68	1.21	1.19	-0.99	106.31	-1.83	106.54	104.14	2.40	44.326		
500.00	500.00	488.94	488.45	1.57	1.55	-2.24	113.94	-4.46	114.56	111.45	3.11	36.824		
600.00	600.00	584.40	583.25	1.93	1.91	-3.72	124.52	-8.10	125.84	122.02	3.81	32.989		
700.00	700.00	679.01	676.79	2.29	2.30	-5.27	137.95	-12.73	140.39	135.87	4.51	31.111		
800.00	799.98	772.51	768.71	2.63	2.70	111.71	154.08	-18.29	158.82	153.63	5.19	30.577		
900.00	899.84	864.54	858.60	2.97	3.13	111.34	172.72	-24.71	181.63	175.77	5.87	30.964		
1,000.00	999.45	954.78	946.08	3.32	3.57	111.55	193.64	-31.91	208.69	202.15	6.54	31.901		
1,100.00	1,098.70	1,042.97	1,030.85	3.69	4.04	112.09	216.59	-39.82	239.95	232.74	7.21	33.281		
1,200.00	1,197.68	1,129.08	1,112.88	4.07	4.53	113.14	241.37	-48.35	274.82	266.92	7.90	34.804		
1,300.00	1,296.65	1,213.53	1,192.36	4.46	5.03	113.87	267.87	-57.48	312.44	303.87	8.57	36.454		
1,400.00	1,395.63	1,305.41	1,278.71	4.86	5.61	114.44	298.02	-67.86	351.40	342.07	9.33	37.666		
1,500.00	1,494.60	1,397.46	1,365.06	5.27	6.20	114.89	328.17	-78.25	390.38	380.28	10.10	38.655		
1,600.00	1,593.58	1,489.51	1,451.41	5.67	6.80	115.26	358.32	-88.63	429.38	418.50	10.88	39.474		
1,700.00	1,692.55	1,581.56	1,537.76	6.09	7.40	115.56	388.47	-99.02	468.39	456.73	11.66	40.162		
1,800.00	1,791.53	1,673.61	1,624.11	6.50	8.01	115.83	418.62	-109.40	507.41	494.96	12.45	40.746		
1,900.00	1,890.50	1,765.66	1,710.46	6.92	8.62	116.05	448.77	-119.79	546.44	533.19	13.25	41.247		
2,000.00	1,989.48	1,857.71	1,796.81	7.34	9.23	116.24	478.92	-130.17	585.48	571.43	14.05	41.680		
2,100.00	2,088.45	1,949.76	1,883.16	7.76	9.84	116.41	509.07	-140.56	624.52	609.67	14.85	42.058		
2,200.00	2,187.43	2,041.81	1,969.51	8.19	10.46	116.56	539.22	-150.94	663.56	647.91	15.65	42.390		
2,300.00	2,286.40	2,133.86	2,055.85	8.61	11.08	116.69	569.37	-161.32	702.61	686.15	16.46	42.683		
2,400.00	2,385.38	2,225.91	2,142.20	9.04	11.69	116.81	599.53	-171.71	741.66	724.39	17.27	42.945		
2,500.00	2,484.35	2,317.96	2,228.55	9.46	12.31	116.92	629.68	-182.09	780.71	762.63	18.08	43.179		
2,600.00	2,583.32	2,410.01	2,314.90	9.89	12.93	117.02	659.83	-192.48	819.77	800.87	18.89	43.389		
2,700.00	2,682.30	2,502.06	2,401.25	10.32	13.56	117.10	689.98	-202.86	858.82	839.12	19.71	43.579		
2,800.00	2,781.27	2,605.90	2,487.60	10.75	14.26	117.19	720.13	-213.25	897.88	877.30	20.58	43.635		
2,900.00	2,880.25	2,686.15	2,573.95	11.18	14.80	117.26	750.28	-223.63	936.94	915.60	21.34	43.908		
3,000.00	2,979.22	2,778.20	2,660.30	11.61	15.42	117.33	780.43	-234.02	976.00	953.85	22.16	44.052		
3,100.00	3,078.20	2,870.25	2,746.65	12.04	16.05	117.39	810.58	-244.40	1,015.06	992.09	22.97	44.184		
3,200.00	3,177.17	2,962.30	2,833.00	12.47	16.67	117.45	840.73	-254.79	1,054.13	1,030.33	23.79	44.305		
3,300.00	3,276.15	3,054.35	2,919.35	12.90	17.30	117.50	870.88	-265.17	1,093.19	1,068.58	24.61	44.417		
3,400.00	3,375.12	3,146.40	3,005.70	13.33	17.92	117.55	901.03	-275.56	1,132.26	1,106.82	25.43	44.520		
3,500.00	3,474.10	3,238.45	3,092.05	13.76	18.55	117.60	931.18	-285.94	1,171.32	1,145.07	26.25	44.616		
3,600.00	3,573.07	3,330.50	3,178.40	14.19	19.17	117.64	961.33	-296.33	1,210.39	1,183.31	27.07	44.705		
3,700.00	3,672.05	3,422.55	3,264.75	14.62	19.80	117.68	991.48	-306.71	1,249.45	1,221.56	27.90	44.788		
3,800.00	3,771.02	3,514.60	3,351.10	15.05	20.42	117.72	1,021.63	-317.09	1,288.52	1,259.80	28.72	44.866		
3,900.00	3,870.00	3,606.65	3,437.45	15.49	21.05	117.76	1,051.78	-327.48	1,327.59	1,298.04	29.54	44.938		
4,000.00	3,968.97	3,701.30	3,523.80	15.92	21.69	117.79	1,081.93	-337.86	1,366.65	1,336.28	30.38	44.988		
4,100.00	4,067.94	3,809.25	3,610.15	16.35	22.43	117.82	1,112.08	-348.25	1,405.72	1,374.45	31.28	44.945		
4,200.00	4,166.92	3,882.80	3,696.50	16.78	22.93	117.85	1,142.23	-358.63	1,444.79	1,412.78	32.01	45.130		
4,300.00	4,265.89	3,974.85	3,782.85	17.22	23.55	117.88	1,172.38	-369.02	1,483.86	1,451.02	32.84	45.186		
4,400.00	4,364.87	4,066.90	3,869.20	17.65	24.18	117.91	1,202.53	-379.40	1,522.93	1,489.27	33.66	45.239		
4,500.00	4,463.84	4,158.95	3,955.55	18.08	24.81	117.94	1,232.68	-389.79	1,562.00	1,527.51	34.49	45.289		
4,600.00	4,562.82	4,251.00	4,041.90	18.51	25.43	117.96	1,262.83	-400.17	1,601.07	1,565.75	35.32	45.337		
4,700.00	4,661.79	4,343.05	4,128.25	18.95	26.06	117.98	1,292.98	-410.56	1,640.14	1,604.00	36.14	45.382		
4,800.00	4,760.77	4,435.10	4,214.60	19.38	26.69	118.01	1,323.13	-420.94	1,679.21	1,642.24	36.97	45.424		
4,900.00	4,859.74	4,527.15	4,300.95	19.81	27.31	118.03	1,353.28	-431.33	1,718.28	1,680.48	37.79	45.464		
5,000.00	4,958.72	4,619.20	4,387.30	20.25	27.94	118.05	1,383.43	-441.71	1,757.35	1,718.73	38.62	45.502		
5,100.00	5,057.69	4,711.25	4,473.65	20.68	28.57	118.07	1,413.58	-452.09	1,796.42	1,756.97	39.45	45.538		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,156.67	4,803.30	4,560.00	21.12	29.20	118.09	1,443.73	-462.48	1,835.49	1,795.22	40.28	45.573		
5,300.00	5,255.64	4,904.65	4,646.35	21.55	29.89	118.11	1,473.88	-472.86	1,874.56	1,833.41	41.15	45.557		
5,400.00	5,354.62	4,987.40	4,732.70	21.98	30.45	118.12	1,504.03	-483.25	1,913.63	1,871.70	41.93	45.637		
5,500.00	5,453.59	5,079.45	4,819.05	22.42	31.08	118.14	1,534.18	-493.63	1,952.71	1,909.94	42.76	45.666		
5,600.00	5,552.56	5,171.50	4,905.40	22.85	31.71	118.16	1,564.33	-504.02	1,991.78	1,948.19	43.59	45.694		
5,700.00	5,651.54	5,263.55	4,991.75	23.28	32.33	118.17	1,594.49	-514.40	2,030.85	1,986.43	44.42	45.721		
5,800.00	5,750.51	5,355.60	5,078.10	23.72	32.96	118.19	1,624.64	-524.79	2,069.92	2,024.67	45.25	45.747		
5,900.00	5,849.49	5,447.65	5,164.45	24.15	33.59	118.20	1,654.79	-535.17	2,108.99	2,062.92	46.08	45.771		
6,000.00	5,948.46	5,539.70	5,250.80	24.59	34.22	118.21	1,684.94	-545.56	2,148.06	2,101.16	46.91	45.795		
6,100.00	6,047.44	5,631.75	5,337.15	25.02	34.85	118.23	1,715.09	-555.94	2,187.14	2,139.40	47.74	45.817		
6,200.00	6,146.41	5,723.80	5,423.50	25.45	35.47	118.24	1,745.24	-566.33	2,226.21	2,177.64	48.57	45.839		
6,300.00	6,245.39	5,815.85	5,509.85	25.89	36.10	118.25	1,775.39	-576.71	2,265.28	2,215.88	49.40	45.859		
6,400.00	6,344.36	5,907.90	5,596.20	26.32	36.73	118.26	1,805.54	-587.09	2,304.35	2,254.13	50.23	45.878		
6,500.00	6,443.34	6,000.05	5,682.55	26.76	37.36	118.27	1,835.69	-597.48	2,343.43	2,292.37	51.06	45.897		
6,600.00	6,542.31	6,108.00	5,768.89	27.19	38.09	118.29	1,865.84	-607.86	2,382.50	2,330.53	51.97	45.848		
6,700.00	6,641.29	6,184.05	5,855.24	27.63	38.61	118.30	1,895.99	-618.25	2,421.57	2,368.85	52.72	45.932		
6,800.00	6,740.26	6,276.10	5,941.59	28.06	39.24	118.31	1,926.14	-628.63	2,460.64	2,407.09	53.55	45.948		
6,900.00	6,839.24	6,368.15	6,027.94	28.50	39.87	118.32	1,956.29	-639.02	2,499.72	2,445.33	54.38	45.964		
7,000.00	6,938.21	6,460.20	6,114.29	28.93	40.50	118.33	1,986.44	-649.40	2,538.79	2,483.57	55.22	45.979		
7,100.00	7,037.18	6,552.25	6,200.64	29.36	41.13	118.34	2,016.59	-659.79	2,577.86	2,521.81	56.05	45.993		
7,200.00	7,136.16	6,644.30	6,286.99	29.80	41.75	118.35	2,046.74	-670.17	2,616.93	2,560.05	56.88	46.007		
7,300.00	7,235.11	6,735.88	6,372.90	30.16	42.38	-142.51	2,076.74	-680.50	2,655.94	2,598.33	57.62	46.098		
7,400.00	7,334.44	6,824.67	6,456.20	30.38	42.98	-100.86	2,105.82	-690.52	2,694.20	2,636.04	58.16	46.322		
7,500.00	7,429.33	6,907.97	6,534.34	30.53	43.55	-90.44	2,133.11	-699.92	2,731.00	2,672.45	58.55	46.641		
7,600.00	7,517.51	6,983.26	6,604.97	30.60	44.07	-84.89	2,157.77	-708.41	2,765.90	2,707.09	58.81	47.031		
7,700.00	7,596.31	7,048.24	6,665.93	30.64	44.51	-81.06	2,179.05	-715.74	2,798.67	2,739.71	58.97	47.463		
7,800.00	7,663.31	7,100.95	6,715.37	30.67	44.87	-78.05	2,196.31	-721.69	2,829.17	2,770.10	59.07	47.893		
7,900.00	7,716.50	7,139.77	6,751.79	30.73	45.14	-75.49	2,209.03	-726.07	2,857.29	2,798.10	59.19	48.274		
8,000.00	7,754.25	7,163.53	6,774.08	30.89	45.30	-73.17	2,216.81	-728.75	2,882.81	2,823.45	59.36	48.562		
8,100.00	7,775.41	7,171.51	6,781.56	31.21	45.35	-71.02	2,219.43	-729.65	2,905.43	2,845.81	59.62	48.731		
8,200.00	7,780.00	7,164.06	6,774.57	31.71	45.30	-69.50	2,216.98	-728.81	2,924.92	2,864.96	59.96	48.778		
8,300.00	7,780.00	7,152.39	6,763.62	32.46	45.22	-69.27	2,213.16	-727.49	2,945.82	2,885.35	60.47	48.713		
8,400.00	7,780.00	7,140.71	6,752.67	33.45	45.14	-69.04	2,209.34	-726.18	2,969.90	2,908.74	61.16	48.562		
8,500.00	7,780.00	7,129.04	6,741.72	34.65	45.06	-68.81	2,205.51	-724.86	2,997.08	2,935.09	61.99	48.346		
8,600.00	7,780.00	7,117.37	6,730.77	36.03	44.98	-68.58	2,201.69	-723.54	3,027.27	2,964.32	62.95	48.089		
8,700.00	7,780.00	7,105.69	6,719.82	37.56	44.90	-68.35	2,197.87	-722.22	3,060.39	2,996.38	64.01	47.808		
8,800.00	7,780.00	9,270.69	7,850.00	39.22	50.16	-91.32	2,584.57	422.13	3,070.50	2,988.45	82.05	37.423		
8,900.00	7,780.00	9,370.69	7,850.00	40.99	50.33	-91.32	2,583.95	522.12	3,071.08	2,985.62	85.46	35.937		
9,000.00	7,780.00	9,470.69	7,850.00	42.86	50.70	-91.32	2,583.33	622.12	3,071.66	2,982.60	89.06	34.489		
9,100.00	7,780.00	9,570.69	7,850.00	44.82	51.42	-91.31	2,582.71	722.11	3,072.24	2,979.40	92.84	33.091		
9,200.00	7,780.00	9,670.69	7,850.00	46.84	52.59	-91.31	2,582.09	822.11	3,072.82	2,976.05	96.77	31.753		
9,300.00	7,780.00	9,770.69	7,850.00	48.94	54.15	-91.31	2,581.47	922.11	3,073.40	2,972.56	100.84	30.479		
9,400.00	7,780.00	9,870.68	7,850.00	51.09	55.95	-91.31	2,580.86	1,022.10	3,073.98	2,968.95	105.02	29.270		
9,500.00	7,780.00	9,970.68	7,850.00	53.29	57.89	-91.31	2,580.24	1,122.10	3,074.56	2,965.24	109.31	28.126		
9,600.00	7,780.00	10,070.68	7,850.00	55.53	59.94	-91.31	2,579.62	1,222.10	3,075.14	2,961.44	113.70	27.047		
9,700.00	7,780.00	10,170.68	7,850.00	57.81	62.06	-91.31	2,579.00	1,322.09	3,075.72	2,957.55	118.16	26.030		
9,800.00	7,780.00	10,270.68	7,850.00	60.13	64.23	-91.31	2,578.38	1,422.09	3,076.30	2,953.59	122.70	25.071		
9,900.00	7,780.00	10,370.68	7,850.00	62.48	66.45	-91.31	2,577.76	1,522.09	3,076.87	2,949.56	127.31	24.168		
10,000.00	7,780.00	10,470.67	7,850.00	64.85	68.71	-91.31	2,577.14	1,622.08	3,077.45	2,945.48	131.98	23.318		
10,100.00	7,780.00	10,570.67	7,850.00	67.25	71.00	-91.31	2,576.53	1,722.08	3,078.03	2,941.34	136.70	22.517		
10,200.00	7,780.00	10,670.67	7,850.00	69.67	73.32	-91.31	2,575.91	1,822.08	3,078.61	2,937.15	141.46	21.763		
10,300.00	7,780.00	10,770.67	7,850.00	72.11	75.67	-91.31	2,575.29	1,922.07	3,079.19	2,932.92	146.27	21.051		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,870.67	7,850.00	74.56	78.03	-91.31	2,574.67	2,022.07	3,079.77	2,928.65	151.12	20.379		
10,500.00	7,780.00	10,970.67	7,850.00	77.04	80.42	-91.31	2,574.05	2,122.06	3,080.35	2,924.35	156.01	19.745		
10,600.00	7,780.00	11,070.66	7,850.00	79.52	82.83	-91.31	2,573.43	2,222.06	3,080.93	2,920.01	160.92	19.145		
10,700.00	7,780.00	11,170.66	7,850.00	82.02	85.26	-91.31	2,572.81	2,322.06	3,081.51	2,915.64	165.87	18.578		
10,800.00	7,780.00	11,270.66	7,850.00	84.54	87.70	-91.31	2,572.19	2,422.05	3,082.09	2,911.25	170.84	18.041		
10,900.00	7,780.00	11,370.66	7,850.00	87.06	90.15	-91.31	2,571.58	2,522.05	3,082.67	2,906.83	175.84	17.531		
11,000.00	7,780.00	11,470.66	7,850.00	89.59	92.62	-91.31	2,570.96	2,622.05	3,083.25	2,902.39	180.86	17.048		
11,100.00	7,780.00	11,570.66	7,850.00	92.14	95.10	-91.31	2,570.34	2,722.04	3,083.83	2,897.93	185.90	16.589		
11,200.00	7,780.00	11,670.65	7,850.00	94.69	97.60	-91.31	2,569.72	2,822.04	3,084.41	2,893.45	190.96	16.152		
11,300.00	7,780.00	11,770.65	7,850.00	97.24	100.10	-91.31	2,569.10	2,922.04	3,084.99	2,888.95	196.04	15.737		
11,400.00	7,780.00	11,870.65	7,850.00	99.81	102.61	-91.31	2,568.48	3,022.03	3,085.57	2,884.44	201.13	15.341		
11,500.00	7,780.00	11,970.65	7,850.00	102.38	105.13	-91.31	2,567.86	3,122.03	3,086.15	2,879.91	206.24	14.964		
11,600.00	7,780.00	12,070.65	7,850.00	104.96	107.66	-91.31	2,567.25	3,222.03	3,086.73	2,875.37	211.36	14.604		
11,700.00	7,780.00	12,170.65	7,850.00	107.55	110.19	-91.31	2,566.63	3,322.02	3,087.31	2,870.81	216.50	14.260		
11,800.00	7,780.00	12,270.64	7,850.00	110.14	112.74	-91.31	2,566.01	3,422.02	3,087.89	2,866.24	221.65	13.932		
11,900.00	7,780.00	12,370.64	7,850.00	112.73	115.29	-91.31	2,565.39	3,522.01	3,088.47	2,861.66	226.80	13.617		
12,000.00	7,780.00	12,470.64	7,850.00	115.33	117.84	-91.31	2,564.77	3,622.01	3,089.05	2,857.07	231.97	13.316		
12,100.00	7,780.00	12,570.64	7,850.00	117.93	120.40	-91.31	2,564.15	3,722.01	3,089.63	2,852.47	237.15	13.028		
12,200.00	7,780.00	12,670.64	7,850.00	120.54	122.97	-91.31	2,563.53	3,822.00	3,090.21	2,847.86	242.34	12.751		
12,300.00	7,780.00	12,770.64	7,850.00	123.15	125.54	-91.31	2,562.92	3,922.00	3,090.78	2,843.25	247.54	12.486		
12,400.00	7,780.00	12,870.63	7,850.00	125.77	128.12	-91.31	2,562.30	4,022.00	3,091.36	2,838.62	252.74	12.231		
12,500.00	7,780.00	12,970.63	7,850.00	128.39	130.70	-91.31	2,561.68	4,121.99	3,091.94	2,833.99	257.96	11.986		
12,600.00	7,780.00	13,070.63	7,850.00	131.01	133.29	-91.31	2,561.06	4,221.99	3,092.52	2,829.35	263.18	11.751		
12,700.00	7,780.00	13,170.63	7,850.00	133.63	135.88	-91.31	2,560.44	4,321.99	3,093.10	2,824.70	268.40	11.524		
12,800.00	7,780.00	13,270.63	7,850.00	136.26	138.48	-91.31	2,559.82	4,421.98	3,093.68	2,820.05	273.63	11.306		
12,900.00	7,780.00	13,370.63	7,850.00	138.89	141.07	-91.31	2,559.20	4,521.98	3,094.26	2,815.39	278.87	11.096		
13,000.00	7,780.00	13,470.62	7,850.00	141.52	143.68	-91.31	2,558.59	4,621.97	3,094.84	2,810.72	284.12	10.893		
13,100.00	7,780.00	13,570.62	7,850.00	144.16	146.28	-91.31	2,557.97	4,721.97	3,095.42	2,806.05	289.37	10.697		
13,200.00	7,780.00	13,670.62	7,850.00	146.79	148.89	-91.30	2,557.35	4,821.97	3,096.00	2,801.38	294.62	10.508		
13,300.00	7,780.00	13,770.62	7,850.00	149.43	151.50	-91.30	2,556.73	4,921.96	3,096.58	2,796.70	299.88	10.326		
13,400.00	7,780.00	13,870.62	7,850.00	152.07	154.11	-91.30	2,556.11	5,021.96	3,097.16	2,792.01	305.15	10.150		
13,500.00	7,780.00	13,970.62	7,850.00	154.72	156.73	-91.30	2,555.49	5,121.96	3,097.74	2,787.33	310.41	9.979		
13,600.00	7,780.00	14,070.61	7,850.00	157.36	159.35	-91.30	2,554.87	5,221.95	3,098.32	2,782.63	315.69	9.815		
13,700.00	7,780.00	14,170.61	7,850.00	160.01	161.97	-91.30	2,554.26	5,321.95	3,098.90	2,777.94	320.96	9.655		
13,800.00	7,780.00	14,270.61	7,850.00	162.66	164.59	-91.30	2,553.64	5,421.95	3,099.48	2,773.24	326.24	9.501		
13,900.00	7,780.00	14,370.61	7,850.00	165.31	167.22	-91.30	2,553.02	5,521.94	3,100.06	2,768.53	331.53	9.351		
14,000.00	7,780.00	14,470.61	7,850.00	167.96	169.85	-91.30	2,552.40	5,621.94	3,100.64	2,763.82	336.81	9.206		
14,100.00	7,780.00	14,570.61	7,850.00	170.61	172.48	-91.30	2,551.78	5,721.94	3,101.22	2,759.11	342.10	9.065		
14,200.00	7,780.00	14,670.60	7,850.00	173.26	175.11	-91.30	2,551.16	5,821.93	3,101.80	2,754.40	347.40	8.929		
14,300.00	7,780.00	14,770.60	7,850.00	175.92	177.74	-91.30	2,550.54	5,921.93	3,102.38	2,749.68	352.69	8.796		
14,400.00	7,780.00	14,870.60	7,850.00	178.58	180.38	-91.30	2,549.93	6,021.92	3,102.96	2,744.96	357.99	8.668		
14,500.00	7,780.00	14,970.60	7,850.00	181.23	183.02	-91.30	2,549.31	6,121.92	3,103.54	2,740.24	363.29	8.543		
14,600.00	7,780.00	15,070.60	7,850.00	183.89	185.65	-91.30	2,548.69	6,221.92	3,104.11	2,735.52	368.60	8.421		
14,700.00	7,780.00	15,170.60	7,850.00	186.55	188.29	-91.30	2,548.07	6,321.91	3,104.69	2,730.79	373.90	8.303		
14,800.00	7,780.00	15,270.59	7,850.00	189.21	190.94	-91.30	2,547.45	6,421.91	3,105.27	2,726.06	379.21	8.189		
14,900.00	7,780.00	15,370.59	7,850.00	191.88	193.58	-91.30	2,546.83	6,521.91	3,105.85	2,721.33	384.53	8.077		
15,000.00	7,780.00	15,470.59	7,850.00	194.54	196.22	-91.30	2,546.21	6,621.90	3,106.43	2,716.59	389.84	7.969		
15,100.00	7,780.00	15,570.59	7,850.00	197.20	198.87	-91.30	2,545.60	6,721.90	3,107.01	2,711.86	395.15	7.863		
15,200.00	7,780.00	15,670.59	7,850.00	199.87	201.52	-91.30	2,544.98	6,821.90	3,107.59	2,707.12	400.47	7.760		
15,300.00	7,780.00	15,770.59	7,850.00	202.53	204.17	-91.30	2,544.36	6,921.89	3,108.17	2,702.38	405.79	7.660		
15,400.00	7,780.00	15,870.58	7,850.00	205.20	206.81	-91.30	2,543.74	7,021.89	3,108.75	2,697.64	411.11	7.562		
15,500.00	7,780.00	15,970.58	7,850.00	207.86	209.47	-91.30	2,543.12	7,121.89	3,109.33	2,692.90	416.44	7.467		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	16,070.58	7,850.00	210.53	212.12	-91.30	2,542.50	7,221.88	3,109.91	2,688.15	421.76	7.374		
15,700.00	7,780.00	16,170.58	7,850.00	213.20	214.77	-91.30	2,541.88	7,321.88	3,110.49	2,683.40	427.09	7.283		
15,800.00	7,780.00	16,270.57	7,850.00	215.87	217.42	-91.30	2,541.27	7,421.87	3,111.62	2,679.21	432.41	7.196		
15,900.00	7,780.00	16,370.47	7,850.00	218.54	220.08	-91.30	2,540.65	7,521.77	3,115.92	2,678.17	437.74	7.118		
16,000.00	7,780.00	16,470.20	7,850.00	221.22	222.72	-91.30	2,540.03	7,621.49	3,123.26	2,680.20	443.07	7.049		
16,100.00	7,780.00	16,569.90	7,850.00	223.89	225.37	-91.29	2,539.41	7,721.19	3,131.06	2,682.66	448.39	6.983		
16,200.00	7,780.00	16,669.59	7,850.00	226.57	228.02	-91.29	2,538.80	7,820.88	3,138.85	2,685.13	453.72	6.918		
16,300.00	7,780.00	16,769.29	7,850.00	229.24	230.67	-91.29	2,538.18	7,920.58	3,146.64	2,687.59	459.05	6.855		
16,400.00	7,780.00	16,868.98	7,850.00	231.92	233.32	-91.28	2,537.56	8,020.27	3,154.43	2,690.06	464.37	6.793		
16,500.00	7,780.00	16,968.68	7,850.00	234.60	235.98	-91.28	2,536.95	8,119.96	3,162.22	2,692.52	469.70	6.732		
16,600.00	7,780.00	17,068.38	7,850.00	237.28	238.63	-91.28	2,536.33	8,219.66	3,170.01	2,694.98	475.03	6.673		
16,700.00	7,780.00	17,168.07	7,850.00	239.96	241.28	-91.28	2,535.71	8,319.35	3,177.80	2,697.44	480.37	6.615		
16,800.00	7,780.00	17,267.77	7,850.00	242.64	243.94	-91.27	2,535.10	8,419.05	3,185.60	2,699.89	485.70	6.559		
16,900.00	7,780.00	17,367.46	7,850.00	245.32	246.59	-91.27	2,534.48	8,518.74	3,193.39	2,702.35	491.04	6.503		
17,000.00	7,780.00	17,467.16	7,850.00	248.00	249.25	-91.27	2,533.86	8,618.43	3,201.18	2,704.81	496.37	6.449		
17,100.00	7,780.00	17,566.86	7,850.00	250.68	251.90	-91.26	2,533.25	8,718.13	3,208.97	2,707.26	501.71	6.396		
17,200.00	7,780.00	17,666.55	7,850.00	253.36	254.56	-91.26	2,532.63	8,817.82	3,216.76	2,709.72	507.05	6.344		
17,300.00	7,780.00	17,766.25	7,850.00	256.04	257.22	-91.26	2,532.01	8,917.52	3,224.55	2,712.17	512.38	6.293		
17,400.00	7,780.00	17,865.94	7,850.00	258.72	259.88	-91.25	2,531.40	9,017.21	3,232.34	2,714.62	517.72	6.243		
17,500.00	7,780.00	17,965.64	7,850.00	261.41	262.53	-91.25	2,530.78	9,116.90	3,240.14	2,717.07	523.06	6.195		
17,600.00	7,780.00	18,065.33	7,850.00	264.09	265.19	-91.25	2,530.16	9,216.60	3,247.93	2,719.52	528.41	6.147		
17,700.00	7,780.00	18,165.03	7,850.00	266.77	267.85	-91.24	2,529.55	9,316.29	3,255.72	2,721.97	533.75	6.100		
17,800.00	7,780.00	18,264.73	7,850.00	269.46	270.51	-91.24	2,528.93	9,415.99	3,263.51	2,724.42	539.09	6.054		
17,900.00	7,780.00	18,364.42	7,850.00	272.14	273.17	-91.24	2,528.31	9,515.68	3,271.30	2,726.87	544.43	6.009		
18,000.00	7,780.00	18,464.12	7,850.00	274.83	275.83	-91.24	2,527.70	9,615.37	3,279.09	2,729.32	549.78	5.964		
18,100.00	7,780.00	18,563.81	7,850.00	277.51	278.50	-91.23	2,527.08	9,715.07	3,286.89	2,731.76	555.12	5.921		
18,200.00	7,780.00	18,663.51	7,850.00	280.20	281.16	-91.23	2,526.46	9,814.76	3,294.68	2,734.21	560.47	5.878		
18,300.00	7,780.00	18,763.21	7,850.00	282.89	283.82	-91.23	2,525.85	9,914.46	3,302.47	2,736.65	565.82	5.837		
18,400.00	7,780.00	18,862.90	7,850.00	285.57	286.48	-91.22	2,525.23	10,014.15	3,310.26	2,739.10	571.16	5.796		
18,500.00	7,780.00	18,962.60	7,850.00	288.26	289.15	-91.22	2,524.61	10,113.84	3,318.05	2,741.54	576.51	5.755		
18,600.00	7,780.00	19,062.29	7,850.00	290.95	291.81	-91.22	2,524.00	10,213.53	3,325.84	2,743.98	581.86	5.716		
18,700.00	7,780.00	19,161.99	7,850.00	293.64	294.48	-91.22	2,523.38	10,313.23	3,333.64	2,746.42	587.21	5.677		
18,800.00	7,780.00	19,261.69	7,850.00	296.32	297.14	-91.21	2,522.76	10,412.92	3,341.43	2,748.87	592.56	5.639		
18,900.00	7,780.00	19,361.38	7,850.00	299.01	299.81	-91.21	2,522.15	10,512.62	3,349.22	2,751.31	597.91	5.602		
19,000.00	7,780.00	19,461.08	7,850.00	301.70	302.47	-91.21	2,521.53	10,612.31	3,357.01	2,753.75	603.26	5.565		
19,100.00	7,780.00	19,560.77	7,850.00	304.39	305.14	-91.20	2,520.91	10,712.01	3,364.80	2,756.19	608.62	5.529		
19,200.00	7,780.00	19,660.47	7,850.00	307.08	307.80	-91.20	2,520.30	10,811.70	3,372.59	2,758.63	613.97	5.493		
19,300.00	7,780.00	19,760.16	7,850.00	309.77	310.47	-91.20	2,519.68	10,911.39	3,380.39	2,761.06	619.32	5.458		
19,400.00	7,780.00	19,859.86	7,850.00	312.46	313.14	-91.20	2,519.06	11,011.09	3,388.18	2,763.50	624.67	5.424		
19,500.00	7,780.00	19,959.56	7,850.00	315.15	315.80	-91.19	2,518.45	11,110.78	3,395.97	2,765.94	630.03	5.390		
19,600.00	7,780.00	20,059.25	7,850.00	317.84	318.47	-91.19	2,517.83	11,210.48	3,403.76	2,768.38	635.38	5.357		
19,700.00	7,780.00	20,158.95	7,850.00	320.53	321.14	-91.19	2,517.21	11,310.17	3,411.55	2,770.81	640.74	5.324		
19,800.00	7,780.00	20,258.64	7,850.00	323.22	323.81	-91.19	2,516.60	11,409.86	3,419.34	2,773.25	646.09	5.292		
19,900.00	7,780.00	20,358.34	7,850.00	325.91	326.48	-91.18	2,515.98	11,509.56	3,427.14	2,775.69	651.45	5.261		
20,000.00	7,780.00	20,458.04	7,850.00	328.60	329.14	-91.18	2,515.36	11,609.25	3,434.93	2,778.12	656.81	5.230		
20,100.00	7,780.00	20,557.73	7,850.00	331.30	331.81	-91.18	2,514.75	11,708.95	3,442.72	2,780.56	662.16	5.199		
20,200.00	7,780.00	20,657.43	7,850.00	333.99	334.48	-91.17	2,514.13	11,808.64	3,450.51	2,782.99	667.52	5.169		
20,300.00	7,780.00	20,757.12	7,850.00	336.68	337.15	-91.17	2,513.51	11,908.33	3,458.30	2,785.42	672.88	5.140		
20,400.00	7,780.00	20,856.82	7,850.00	339.37	339.82	-91.17	2,512.90	12,008.03	3,466.09	2,787.86	678.24	5.110		
20,500.00	7,780.00	20,956.51	7,850.00	342.07	342.49	-91.17	2,512.28	12,107.72	3,473.89	2,790.29	683.60	5.082		
20,600.00	7,780.00	21,056.21	7,850.00	344.76	345.16	-91.16	2,511.66	12,207.42	3,481.68	2,792.72	688.95	5.054		
20,700.00	7,780.00	21,155.91	7,850.00	347.45	347.83	-91.16	2,511.05	12,307.11	3,489.47	2,795.16	694.31	5.026		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	21,255.60	7,850.00	350.14	350.50	-91.16	2,510.43	12,406.80	3,497.26	2,797.59	699.67	4.998	
20,900.00	7,780.00	21,355.30	7,850.00	352.84	353.18	-91.16	2,509.81	12,506.50	3,505.05	2,800.02	705.03	4.971	
21,000.00	7,780.00	21,454.99	7,850.00	355.53	355.85	-91.15	2,509.19	12,606.19	3,512.85	2,802.45	710.39	4.945	
21,100.00	7,780.00	21,554.69	7,850.00	358.22	358.52	-91.15	2,508.58	12,705.89	3,520.64	2,804.88	715.76	4.919	
21,200.00	7,780.00	21,654.39	7,850.00	360.92	361.19	-91.15	2,507.96	12,805.58	3,528.43	2,807.31	721.12	4.893	
21,300.00	7,780.00	21,754.08	7,850.00	363.61	363.86	-91.15	2,507.34	12,905.27	3,536.22	2,809.74	726.48	4.868	
21,400.00	7,780.00	21,853.78	7,850.00	366.31	366.53	-91.14	2,506.73	13,004.97	3,544.01	2,812.17	731.84	4.843	
21,500.00	7,780.00	21,953.47	7,850.00	369.00	369.21	-91.14	2,506.11	13,104.66	3,551.80	2,814.60	737.20	4.818	
21,600.00	7,780.00	22,053.17	7,850.00	371.70	371.88	-91.14	2,505.49	13,204.36	3,559.60	2,817.03	742.56	4.794	
21,700.00	7,780.00	22,152.86	7,850.00	374.39	374.55	-91.14	2,504.88	13,304.05	3,567.39	2,819.46	747.93	4.770	
21,800.00	7,780.00	22,252.56	7,850.00	377.09	377.23	-91.13	2,504.26	13,403.74	3,575.18	2,821.89	753.29	4.746	
21,900.00	7,780.00	22,352.26	7,850.00	379.78	379.90	-91.13	2,503.64	13,503.44	3,582.97	2,824.32	758.65	4.723	
22,000.00	7,780.00	22,451.95	7,850.00	382.48	382.57	-91.13	2,503.03	13,603.13	3,590.76	2,826.75	764.02	4.700	
22,100.00	7,780.00	22,551.65	7,850.00	385.17	385.25	-91.13	2,502.41	13,702.83	3,598.56	2,829.17	769.38	4.677	
22,200.00	7,780.00	22,651.34	7,850.00	387.87	387.92	-91.12	2,501.79	13,802.52	3,606.35	2,831.60	774.75	4.655	
22,300.00	7,780.00	22,751.04	7,850.00	390.56	390.59	-91.12	2,501.18	13,902.21	3,614.14	2,834.03	780.11	4.633	
22,400.00	7,780.00	22,850.74	7,850.00	393.26	393.27	-91.12	2,500.56	14,001.91	3,621.93	2,836.46	785.48	4.611	
22,500.00	7,780.00	22,950.43	7,850.00	395.95	395.94	-91.12	2,499.94	14,101.60	3,629.72	2,838.88	790.84	4.590	
22,600.00	7,780.00	23,050.13	7,850.00	398.65	398.62	-91.11	2,499.33	14,201.29	3,637.52	2,841.31	796.21	4.569	
22,700.00	7,780.00	23,149.82	7,850.00	401.35	401.29	-91.11	2,498.71	14,300.99	3,645.31	2,843.74	801.57	4.548	
22,800.00	7,780.00	23,249.52	7,850.00	404.04	403.97	-91.11	2,498.09	14,400.68	3,653.10	2,846.16	806.94	4.527	
22,900.00	7,780.00	23,349.22	7,850.00	406.74	406.64	-91.11	2,497.48	14,500.38	3,660.89	2,848.59	812.30	4.507	
23,000.00	7,780.00	23,448.91	7,850.00	409.43	409.32	-91.10	2,496.86	14,600.07	3,668.68	2,851.01	817.67	4.487	
23,100.00	7,780.00	23,548.61	7,850.00	412.13	411.99	-91.10	2,496.24	14,699.76	3,676.48	2,853.44	823.04	4.467	
23,200.00	7,780.00	23,648.30	7,850.00	414.83	414.67	-91.10	2,495.63	14,799.46	3,684.27	2,855.86	828.40	4.447	
23,300.00	7,780.00	23,748.00	7,850.00	417.52	417.34	-91.10	2,495.01	14,899.15	3,692.06	2,858.29	833.77	4.428	
23,400.00	7,780.00	23,847.69	7,850.00	420.22	420.02	-91.10	2,494.39	14,998.85	3,699.85	2,860.71	839.14	4.409	
23,500.00	7,780.00	23,947.39	7,850.00	422.92	422.69	-91.09	2,493.78	15,098.54	3,707.64	2,863.14	844.51	4.390	
23,600.00	7,780.00	24,047.09	7,850.00	425.62	425.37	-91.09	2,493.16	15,198.23	3,715.44	2,865.56	849.87	4.372	
23,669.75	7,780.00	24,092.24	7,850.00	427.50	426.58	-91.09	2,492.88	15,243.38	3,720.95	2,868.04	852.91	4.363 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.40	-0.40	0.00	0.00	0.20	80.14	0.28	80.14					
100.00	100.00	100.40	99.60	0.13	0.14	0.20	80.14	0.28	80.14	79.87	0.27	296.498		
200.00	200.00	200.40	199.60	0.49	0.49	0.20	80.14	0.28	80.14	79.15	0.99	81.176		
300.00	300.00	299.60	299.60	0.85	0.85	0.20	80.14	0.28	80.14	78.44	1.70	47.105 CC, ES		
400.00	400.00	397.09	397.08	1.21	1.20	-0.28	81.64	-0.40	81.68	79.27	2.41	33.876		
500.00	500.00	494.35	494.20	1.57	1.55	-1.63	86.14	-2.45	86.34	83.22	3.12	27.666		
600.00	600.00	591.17	590.67	1.93	1.91	-3.57	93.59	-5.85	94.20	90.37	3.83	24.609		
700.00	700.00	687.32	686.14	2.29	2.27	-5.80	103.93	-10.55	105.33	100.80	4.53	23.249		
800.00	799.98	782.56	780.28	2.63	2.66	110.70	117.04	-16.52	120.37	115.15	5.22	23.074		
900.00	899.84	876.57	872.69	2.97	3.06	110.14	132.76	-23.69	139.78	133.88	5.89	23.717		
1,000.00	999.45	969.05	962.98	3.32	3.48	110.35	150.92	-31.95	163.41	156.84	6.57	24.854		
1,100.00	1,098.70	1,059.70	1,050.83	3.69	3.92	110.99	171.28	-41.23	191.22	183.95	7.26	26.325		
1,200.00	1,197.68	1,150.43	1,138.03	4.07	4.39	112.07	194.05	-51.60	222.53	214.56	7.97	27.925		
1,300.00	1,296.65	1,245.09	1,228.82	4.46	4.90	112.93	218.43	-62.70	254.59	245.86	8.73	29.173		
1,400.00	1,395.63	1,339.75	1,319.61	4.86	5.42	113.59	242.82	-73.81	286.69	277.20	9.50	30.189		
1,500.00	1,494.60	1,434.41	1,410.40	5.27	5.95	114.12	267.20	-84.91	318.82	308.55	10.28	31.028		
1,600.00	1,593.58	1,529.07	1,501.19	5.67	6.48	114.55	291.59	-96.02	350.97	339.91	11.06	31.730		
1,700.00	1,692.55	1,623.73	1,591.98	6.09	7.02	114.91	315.97	-107.12	383.14	371.29	11.85	32.324		
1,800.00	1,791.53	1,718.39	1,682.77	6.50	7.57	115.21	340.35	-118.23	415.31	402.66	12.65	32.831		
1,900.00	1,890.50	1,813.05	1,773.56	6.92	8.11	115.47	364.74	-129.33	447.50	434.05	13.45	33.270		
2,000.00	1,989.48	1,907.71	1,864.35	7.34	8.66	115.70	389.12	-140.44	479.69	465.44	14.25	33.651		
2,100.00	2,088.45	2,002.37	1,955.14	7.76	9.21	115.89	413.51	-151.54	511.89	496.83	15.06	33.987		
2,200.00	2,187.43	2,097.04	2,045.93	8.19	9.76	116.07	437.89	-162.65	544.09	528.22	15.87	34.283		
2,300.00	2,286.40	2,208.30	2,136.72	8.61	10.41	116.22	462.27	-173.76	576.30	559.54	16.76	34.395		
2,400.00	2,385.38	2,286.36	2,227.51	9.04	10.86	116.36	486.66	-184.86	608.51	591.02	17.50	34.781		
2,500.00	2,484.35	2,381.02	2,318.30	9.46	11.42	116.48	511.04	-195.97	640.72	622.41	18.31	34.993		
2,600.00	2,583.32	2,475.68	2,409.09	9.89	11.97	116.60	535.42	-207.07	672.94	653.81	19.13	35.184		
2,700.00	2,682.30	2,570.34	2,498.88	10.32	12.53	116.70	559.81	-218.18	705.16	685.21	19.94	35.358		
2,800.00	2,781.27	2,665.00	2,590.67	10.75	13.08	116.79	584.19	-229.28	737.38	716.61	20.76	35.516		
2,900.00	2,880.25	2,759.66	2,681.46	11.18	13.64	116.88	608.58	-240.39	769.60	748.02	21.58	35.661		
3,000.00	2,979.22	2,854.32	2,772.25	11.61	14.20	116.96	632.96	-251.49	801.82	779.42	22.40	35.794		
3,100.00	3,078.20	2,948.98	2,863.04	12.04	14.75	117.03	657.34	-262.60	834.04	810.82	23.22	35.916		
3,200.00	3,177.17	3,043.64	2,953.83	12.47	15.31	117.09	681.73	-273.70	866.27	842.22	24.04	36.029		
3,300.00	3,276.15	3,138.30	3,044.62	12.90	15.87	117.16	706.11	-284.81	898.49	873.63	24.87	36.133		
3,400.00	3,375.12	3,232.97	3,135.41	13.33	16.43	117.22	730.50	-295.91	930.72	905.03	25.69	36.231		
3,500.00	3,474.10	3,327.63	3,226.20	13.76	16.99	117.27	754.88	-307.02	962.95	936.44	26.51	36.321		
3,600.00	3,573.07	3,422.29	3,316.99	14.19	17.55	117.32	779.26	-318.12	995.18	967.84	27.34	36.405		
3,700.00	3,672.05	3,516.95	3,407.77	14.62	18.11	117.37	803.65	-329.23	1,027.41	999.25	28.16	36.484		
3,800.00	3,771.02	3,611.61	3,498.56	15.05	18.66	117.41	828.03	-340.33	1,059.64	1,030.65	28.99	36.558		
3,900.00	3,870.00	3,706.27	3,589.35	15.49	19.22	117.45	852.41	-351.44	1,091.87	1,062.05	29.81	36.627		
4,000.00	3,968.97	3,800.93	3,680.14	15.92	19.78	117.49	876.80	-362.54	1,124.10	1,093.46	30.64	36.692		
4,100.00	4,067.94	3,904.41	3,770.93	16.35	20.40	117.53	901.18	-373.65	1,156.33	1,124.83	31.50	36.707		
4,200.00	4,166.92	4,009.75	3,861.72	16.78	21.02	117.56	925.57	-384.75	1,188.56	1,156.18	32.38	36.711		
4,300.00	4,265.89	4,084.91	3,952.51	17.22	21.46	117.60	949.95	-395.86	1,220.79	1,187.67	33.11	36.865		
4,400.00	4,364.87	4,179.57	4,043.30	17.65	22.02	117.63	974.33	-406.96	1,253.02	1,219.08	33.94	36.917		
4,500.00	4,463.84	4,274.23	4,134.09	18.08	22.58	117.66	998.72	-418.07	1,285.25	1,250.49	34.77	36.965		
4,600.00	4,562.82	4,368.90	4,224.88	18.51	23.14	117.69	1,023.10	-429.18	1,317.49	1,281.89	35.60	37.012		
4,700.00	4,661.79	4,463.56	4,315.67	18.95	23.70	117.72	1,047.49	-440.28	1,349.72	1,313.30	36.42	37.055		
4,800.00	4,760.77	4,558.22	4,406.46	19.38	24.27	117.74	1,071.87	-451.39	1,381.95	1,344.70	37.25	37.097		
4,900.00	4,859.74	4,652.88	4,497.25	19.81	24.83	117.77	1,096.25	-462.49	1,414.19	1,376.11	38.08	37.137		
5,000.00	4,958.72	4,747.54	4,588.04	20.25	25.39	117.79	1,120.64	-473.60	1,446.42	1,407.51	38.91	37.174		
5,100.00	5,057.69	4,842.20	4,678.83	20.68	25.95	117.81	1,145.02	-484.70	1,478.65	1,438.92	39.74	37.210		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,156.67	4,936.86	4,769.62	21.12	26.51	117.83	1,169.40	-495.81	1,510.89	1,470.32	40.57	37.245		
5,300.00	5,255.64	5,031.52	4,860.41	21.55	27.07	117.86	1,193.79	-506.91	1,543.12	1,501.73	41.40	37.277		
5,400.00	5,354.62	5,126.18	4,951.20	21.98	27.63	117.87	1,218.17	-518.02	1,575.36	1,533.13	42.23	37.309		
5,500.00	5,453.59	5,220.84	5,041.99	22.42	28.19	117.89	1,242.56	-529.12	1,607.59	1,564.54	43.05	37.338		
5,600.00	5,552.56	5,315.50	5,132.78	22.85	28.75	117.91	1,266.94	-540.23	1,639.83	1,595.94	43.88	37.367		
5,700.00	5,651.54	5,410.16	5,223.57	23.28	29.31	117.93	1,291.32	-551.33	1,672.06	1,627.35	44.71	37.394		
5,800.00	5,750.51	5,504.83	5,314.36	23.72	29.87	117.95	1,315.71	-562.44	1,704.30	1,658.75	45.54	37.420		
5,900.00	5,849.49	5,600.51	5,405.15	24.15	30.44	117.96	1,340.09	-573.54	1,736.53	1,690.15	46.38	37.442		
6,000.00	5,948.46	5,705.85	5,495.94	24.59	31.07	117.98	1,364.48	-584.65	1,768.77	1,721.51	47.26	37.428		
6,100.00	6,047.44	5,788.81	5,586.73	25.02	31.56	117.99	1,388.86	-595.75	1,801.00	1,752.97	48.04	37.493		
6,200.00	6,146.41	5,883.47	5,677.52	25.45	32.12	118.01	1,413.24	-606.86	1,833.24	1,784.37	48.87	37.515		
6,300.00	6,245.39	5,978.13	5,768.31	25.89	32.68	118.02	1,437.63	-617.96	1,865.47	1,815.78	49.70	37.536		
6,400.00	6,344.36	6,072.79	5,859.10	26.32	33.24	118.04	1,462.01	-629.07	1,897.71	1,847.18	50.53	37.557		
6,500.00	6,443.34	6,167.45	5,949.89	26.76	33.80	118.05	1,486.39	-640.17	1,929.95	1,878.59	51.36	37.576		
6,600.00	6,542.31	6,262.11	6,040.68	27.19	34.36	118.06	1,510.78	-651.28	1,962.18	1,909.99	52.19	37.595		
6,700.00	6,641.29	6,356.77	6,131.47	27.63	34.93	118.08	1,535.16	-662.38	1,994.42	1,941.39	53.02	37.613		
6,800.00	6,740.26	6,451.43	6,222.26	28.06	35.49	118.09	1,559.55	-673.49	2,026.65	1,972.80	53.86	37.631		
6,900.00	6,839.24	6,546.09	6,313.05	28.50	36.05	118.10	1,583.93	-684.60	2,058.89	2,004.20	54.69	37.648		
7,000.00	6,938.21	6,640.76	6,403.84	28.93	36.61	118.11	1,608.31	-695.70	2,091.13	2,035.61	55.52	37.664		
7,100.00	7,037.18	6,735.42	6,494.63	29.36	37.17	118.12	1,632.70	-706.81	2,123.36	2,067.01	56.35	37.680		
7,200.00	7,136.16	6,830.08	6,585.42	29.80	37.73	118.13	1,657.08	-717.91	2,155.60	2,098.41	57.19	37.695		
7,300.00	7,235.14	6,924.25	6,675.74	30.16	38.29	-143.58	1,681.34	-728.96	2,187.84	2,129.92	57.92	37.774		
7,400.00	7,334.11	7,015.55	6,763.31	30.38	38.83	-102.81	1,704.86	-739.67	2,219.65	2,161.18	58.46	37.966		
7,500.00	7,429.33	7,101.21	6,845.46	30.53	39.34	-93.23	1,726.92	-749.72	2,250.59	2,191.74	58.85	38.240		
7,600.00	7,517.51	7,178.61	6,919.70	30.60	39.80	-88.42	1,746.86	-758.80	2,280.58	2,221.47	59.11	38.583		
7,700.00	7,596.31	7,245.41	6,983.77	30.64	40.20	-85.19	1,764.07	-768.64	2,309.67	2,250.41	59.26	38.975		
7,800.00	7,663.31	7,300.42	7,035.72	30.67	40.52	-82.57	1,778.02	-772.99	2,338.03	2,278.67	59.36	39.385		
7,900.00	7,716.50	7,339.47	7,073.98	30.73	40.76	-80.16	1,788.30	-777.67	2,365.76	2,306.29	59.46	39.785		
8,000.00	7,754.25	7,363.87	7,097.38	30.89	40.90	-77.73	1,794.58	-780.53	2,392.77	2,333.16	59.62	40.135		
8,100.00	7,775.41	7,372.04	7,105.22	31.21	40.95	-75.21	1,796.69	-781.49	2,418.77	2,358.93	59.85	40.416		
8,200.00	7,780.00	7,364.35	7,097.84	31.71	40.90	-73.25	1,794.70	-780.59	2,443.40	2,383.25	60.15	40.624		
8,300.00	7,780.00	8,552.51	7,780.00	32.46	42.08	-90.01	1,966.73	-62.68	2,446.04	2,378.46	67.59	36.192		
8,400.00	7,780.00	8,652.51	7,780.00	33.45	41.94	-90.01	1,965.33	37.31	2,445.84	2,376.18	69.67	35.108		
8,500.00	7,780.00	8,752.51	7,780.00	34.65	41.82	-90.01	1,963.94	137.30	2,445.65	2,373.56	72.09	33.925		
8,600.00	7,780.00	8,852.51	7,780.00	36.03	41.73	-90.01	1,962.54	237.29	2,445.45	2,370.63	74.82	32.683		
8,700.00	7,780.00	8,952.51	7,780.00	37.56	41.73	-90.01	1,961.15	337.28	2,445.25	2,367.41	77.84	31.413		
8,800.00	7,780.00	9,052.51	7,780.00	39.22	42.44	-90.01	1,959.75	437.27	2,445.05	2,363.95	81.10	30.148		
8,900.00	7,780.00	9,152.51	7,780.00	40.99	44.06	-90.01	1,958.35	537.26	2,444.86	2,360.27	84.58	28.905		
9,000.00	7,780.00	9,252.51	7,780.00	42.86	45.88	-90.01	1,956.96	637.25	2,444.66	2,356.40	88.25	27.700		
9,100.00	7,780.00	9,352.51	7,780.00	44.82	47.80	-90.01	1,955.56	737.24	2,444.46	2,352.36	92.10	26.543		
9,200.00	7,780.00	9,452.51	7,780.00	46.84	49.80	-90.01	1,954.17	837.23	2,444.26	2,348.18	96.09	25.438		
9,300.00	7,780.00	9,552.51	7,780.00	48.94	51.86	-90.01	1,952.77	937.22	2,444.07	2,343.86	100.21	24.390		
9,400.00	7,780.00	9,652.51	7,780.00	51.09	53.97	-90.01	1,951.37	1,037.21	2,443.87	2,339.42	104.45	23.398		
9,500.00	7,780.00	9,752.51	7,780.00	53.29	56.13	-90.01	1,949.98	1,137.20	2,443.67	2,334.88	108.79	22.463		
9,600.00	7,780.00	9,852.51	7,780.00	55.53	58.33	-90.01	1,948.58	1,237.19	2,443.47	2,330.25	113.22	21.582		
9,700.00	7,780.00	9,952.51	7,780.00	57.81	60.57	-90.01	1,947.19	1,337.18	2,443.27	2,325.55	117.73	20.753		
9,800.00	7,780.00	10,052.51	7,780.00	60.13	62.84	-90.01	1,945.79	1,437.17	2,443.08	2,320.77	122.31	19.974		
9,900.00	7,780.00	10,152.51	7,780.00	62.48	65.15	-90.01	1,944.40	1,537.16	2,442.88	2,315.92	126.96	19.242		
10,000.00	7,780.00	10,252.51	7,780.00	64.85	67.48	-90.01	1,943.00	1,637.15	2,442.68	2,311.02	131.66	18.553		
10,100.00	7,780.00	10,352.51	7,780.00	67.25	69.84	-90.01	1,941.60	1,737.14	2,442.48	2,306.07	136.41	17.905		
10,200.00	7,780.00	10,452.51	7,780.00	69.67	72.21	-90.01	1,940.21	1,837.13	2,442.29	2,301.07	141.21	17.295		
10,300.00	7,780.00	10,552.51	7,780.00	72.11	74.61	-90.01	1,938.81	1,937.12	2,442.09	2,296.03	146.06	16.720		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,652.51	7,780.00	74.56	77.03	-90.01	1,937.42	2,037.11	2,441.89	2,290.96	150.93	16.179		
10,500.00	7,780.00	10,752.51	7,780.00	77.04	79.47	-90.01	1,936.02	2,137.10	2,441.69	2,285.85	155.85	15.667		
10,600.00	7,780.00	10,852.51	7,780.00	79.52	81.92	-90.01	1,934.62	2,237.09	2,441.50	2,280.71	160.79	15.184		
10,700.00	7,780.00	10,952.51	7,780.00	82.02	84.39	-90.01	1,933.23	2,337.08	2,441.30	2,275.54	165.76	14.728		
10,800.00	7,780.00	11,052.51	7,780.00	84.54	86.86	-90.01	1,931.83	2,437.07	2,441.10	2,270.34	170.76	14.296		
10,900.00	7,780.00	11,152.51	7,780.00	87.06	89.36	-90.01	1,930.44	2,537.06	2,440.90	2,265.13	175.78	13.886		
11,000.00	7,780.00	11,252.51	7,780.00	89.59	91.86	-90.01	1,929.04	2,637.05	2,440.71	2,259.89	180.82	13.498		
11,100.00	7,780.00	11,352.51	7,780.00	92.14	94.37	-90.01	1,927.64	2,737.04	2,440.51	2,254.63	185.88	13.129		
11,200.00	7,780.00	11,452.51	7,780.00	94.69	96.89	-90.01	1,926.25	2,837.03	2,440.31	2,249.35	190.96	12.779		
11,300.00	7,780.00	11,552.51	7,780.00	97.24	99.42	-90.01	1,924.85	2,937.02	2,440.11	2,244.06	196.06	12.446		
11,400.00	7,780.00	11,652.51	7,780.00	99.81	101.96	-90.01	1,923.46	3,037.01	2,439.92	2,238.75	201.17	12.129		
11,500.00	7,780.00	11,752.51	7,780.00	102.38	104.51	-90.01	1,922.06	3,137.00	2,439.72	2,233.42	206.29	11.826		
11,600.00	7,780.00	11,852.51	7,780.00	104.96	107.06	-90.01	1,920.67	3,236.99	2,439.52	2,228.09	211.43	11.538		
11,700.00	7,780.00	11,952.51	7,780.00	107.55	109.62	-90.01	1,919.27	3,336.98	2,439.32	2,222.74	216.59	11.263		
11,800.00	7,780.00	12,052.51	7,780.00	110.14	112.19	-90.01	1,917.87	3,436.97	2,439.12	2,217.38	221.75	10.999		
11,900.00	7,780.00	12,152.51	7,780.00	112.73	114.76	-90.01	1,916.48	3,536.96	2,438.93	2,212.00	226.92	10.748		
12,000.00	7,780.00	12,252.51	7,780.00	115.33	117.34	-90.01	1,915.08	3,636.95	2,438.73	2,206.62	232.11	10.507		
12,100.00	7,780.00	12,352.51	7,780.00	117.93	119.92	-90.01	1,913.69	3,736.94	2,438.53	2,201.23	237.30	10.276		
12,200.00	7,780.00	12,452.51	7,780.00	120.54	122.50	-90.01	1,912.29	3,836.93	2,438.33	2,195.83	242.50	10.055		
12,300.00	7,780.00	12,552.51	7,780.00	123.15	125.10	-90.01	1,910.89	3,936.92	2,438.14	2,190.43	247.71	9.843		
12,400.00	7,780.00	12,652.51	7,780.00	125.77	127.69	-90.01	1,909.50	4,036.91	2,437.94	2,185.01	252.93	9.639		
12,500.00	7,780.00	12,752.51	7,780.00	128.39	130.29	-90.01	1,908.10	4,136.90	2,437.74	2,179.59	258.15	9.443		
12,600.00	7,780.00	12,852.51	7,780.00	131.01	132.89	-90.01	1,906.71	4,236.89	2,437.54	2,174.16	263.38	9.255		
12,700.00	7,780.00	12,952.51	7,780.00	133.63	135.50	-90.01	1,905.31	4,336.88	2,437.35	2,168.72	268.62	9.073		
12,800.00	7,780.00	13,052.51	7,780.00	136.26	138.11	-90.01	1,903.91	4,436.87	2,437.15	2,163.28	273.87	8.899		
12,900.00	7,780.00	13,152.51	7,780.00	138.89	140.73	-90.01	1,902.52	4,536.86	2,436.95	2,157.83	279.12	8.731		
13,000.00	7,780.00	13,252.51	7,780.00	141.52	143.34	-90.01	1,901.12	4,636.85	2,436.75	2,152.38	284.37	8.569		
13,100.00	7,780.00	13,352.51	7,780.00	144.16	145.96	-90.01	1,899.73	4,736.84	2,436.56	2,146.92	289.63	8.413		
13,200.00	7,780.00	13,452.50	7,780.00	146.79	148.58	-90.01	1,898.33	4,836.83	2,436.36	2,141.46	294.90	8.262		
13,300.00	7,780.00	13,552.50	7,780.00	149.43	151.21	-90.01	1,896.93	4,936.82	2,436.16	2,135.99	300.17	8.116		
13,400.00	7,780.00	13,652.50	7,780.00	152.07	153.83	-90.01	1,895.54	5,036.81	2,435.96	2,130.52	305.44	7.975		
13,500.00	7,780.00	13,752.50	7,780.00	154.72	156.46	-90.01	1,894.14	5,136.80	2,435.77	2,125.05	310.72	7.839		
13,600.00	7,780.00	13,852.50	7,780.00	157.36	159.09	-90.01	1,892.75	5,236.79	2,435.57	2,119.57	316.00	7.708		
13,700.00	7,780.00	13,952.50	7,780.00	160.01	161.73	-90.01	1,891.35	5,336.78	2,435.37	2,114.09	321.28	7.580		
13,800.00	7,780.00	14,052.50	7,780.00	162.66	164.36	-90.01	1,889.96	5,436.77	2,435.17	2,108.60	326.57	7.457		
13,900.00	7,780.00	14,152.50	7,780.00	165.31	167.00	-90.01	1,888.56	5,536.76	2,434.97	2,103.11	331.86	7.337		
14,000.00	7,780.00	14,252.50	7,780.00	167.96	169.64	-90.01	1,887.16	5,636.75	2,434.78	2,097.62	337.16	7.221		
14,100.00	7,780.00	14,352.50	7,780.00	170.61	172.28	-90.01	1,885.77	5,736.74	2,434.58	2,092.12	342.46	7.109		
14,200.00	7,780.00	14,452.50	7,780.00	173.26	174.92	-90.01	1,884.37	5,836.73	2,434.38	2,086.62	347.76	7.000		
14,300.00	7,780.00	14,552.50	7,780.00	175.92	177.57	-90.01	1,882.98	5,936.72	2,434.18	2,081.12	353.06	6.894		
14,400.00	7,780.00	14,652.50	7,780.00	178.58	180.21	-90.01	1,881.58	6,036.71	2,433.99	2,075.62	358.37	6.792		
14,500.00	7,780.00	14,752.50	7,780.00	181.23	182.86	-90.01	1,880.18	6,136.70	2,433.79	2,070.11	363.68	6.692		
14,600.00	7,780.00	14,852.50	7,780.00	183.89	185.51	-90.01	1,878.79	6,236.69	2,433.59	2,064.60	368.99	6.595		
14,700.00	7,780.00	14,952.50	7,780.00	186.55	188.16	-90.01	1,877.39	6,336.68	2,433.39	2,059.09	374.31	6.501		
14,800.00	7,780.00	15,052.50	7,780.00	189.21	190.81	-90.01	1,876.00	6,436.67	2,433.20	2,053.57	379.62	6.410		
14,900.00	7,780.00	15,152.50	7,780.00	191.88	193.46	-90.01	1,874.60	6,536.66	2,433.00	2,048.06	384.94	6.320		
15,000.00	7,780.00	15,252.50	7,780.00	194.54	196.12	-90.01	1,873.20	6,636.65	2,432.80	2,042.54	390.26	6.234		
15,100.00	7,780.00	15,352.50	7,780.00	197.20	198.77	-90.01	1,871.81	6,736.64	2,432.60	2,037.02	395.58	6.149		
15,200.00	7,780.00	15,452.50	7,780.00	199.87	201.43	-90.01	1,870.41	6,836.63	2,432.41	2,031.50	400.91	6.067		
15,300.00	7,780.00	15,552.50	7,780.00	202.53	204.08	-90.01	1,869.02	6,936.62	2,432.21	2,025.97	406.23	5.987		
15,400.00	7,780.00	15,652.50	7,780.00	205.20	206.74	-90.01	1,867.62	7,036.61	2,432.01	2,020.45	411.56	5.909		
15,500.00	7,780.00	15,752.50	7,780.00	207.86	209.40	-90.01	1,866.23	7,136.60	2,431.81	2,014.92	416.89	5.833		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,852.50	7,780.00	210.53	212.06	-90.01	1,864.83	7,236.59	2,431.62	2,009.39	422.22	5.759		
15,700.00	7,780.00	15,952.50	7,780.00	213.20	214.72	-90.01	1,863.43	7,336.58	2,431.42	2,003.86	427.55	5.687		
15,710.04	7,780.00	15,962.54	7,780.00	213.47	214.99	-90.01	1,863.29	7,346.62	2,431.41	2,003.32	428.09	5.680		
15,800.00	7,780.00	16,052.50	7,780.00	215.87	217.38	-90.01	1,862.04	7,436.57	2,431.78	1,998.89	432.89	5.618		
15,900.00	7,780.00	16,152.43	7,780.00	218.54	220.04	-90.01	1,860.64	7,536.49	2,435.29	1,997.07	438.23	5.557		
16,000.00	7,780.00	16,252.21	7,780.00	221.22	222.70	-90.01	1,859.25	7,636.26	2,441.86	1,998.31	443.56	5.505		
16,100.00	7,780.00	16,351.97	7,780.00	223.89	225.36	-90.01	1,857.86	7,736.01	2,448.88	1,999.99	448.89	5.455		
16,200.00	7,780.00	16,451.72	7,780.00	226.57	228.01	-90.01	1,856.46	7,835.75	2,455.90	2,001.68	454.22	5.407		
16,300.00	7,780.00	16,551.47	7,780.00	229.24	230.67	-90.01	1,855.07	7,935.50	2,462.92	2,003.36	459.56	5.359		
16,400.00	7,780.00	16,651.23	7,780.00	231.92	233.33	-90.01	1,853.68	8,035.24	2,469.94	2,005.04	464.90	5.313		
16,500.00	7,780.00	16,750.98	7,780.00	234.60	235.99	-90.01	1,852.29	8,134.98	2,476.96	2,006.72	470.23	5.267		
16,600.00	7,780.00	16,850.73	7,780.00	237.28	238.65	-90.01	1,850.89	8,234.73	2,483.97	2,008.40	475.57	5.223		
16,700.00	7,780.00	16,950.49	7,780.00	239.96	241.31	-90.01	1,849.50	8,334.47	2,490.99	2,010.08	480.91	5.180		
16,800.00	7,780.00	17,050.24	7,780.00	242.64	243.98	-90.01	1,848.11	8,434.21	2,498.01	2,011.76	486.25	5.137		
16,900.00	7,780.00	17,149.99	7,780.00	245.32	246.64	-90.01	1,846.72	8,533.96	2,505.03	2,013.43	491.60	5.096		
17,000.00	7,780.00	17,249.75	7,780.00	248.00	249.30	-90.01	1,845.32	8,633.70	2,512.05	2,015.11	496.94	5.055		
17,100.00	7,780.00	17,349.50	7,780.00	250.68	251.97	-90.01	1,843.93	8,733.45	2,519.07	2,016.78	502.28	5.015		
17,200.00	7,780.00	17,449.25	7,780.00	253.36	254.63	-90.01	1,842.54	8,833.19	2,526.08	2,018.45	507.63	4.976		
17,300.00	7,780.00	17,549.01	7,780.00	256.04	257.29	-90.01	1,841.15	8,932.93	2,533.10	2,020.13	512.97	4.938		
17,400.00	7,780.00	17,648.76	7,780.00	258.72	259.96	-90.01	1,839.76	9,032.68	2,540.12	2,021.80	518.32	4.901		
17,500.00	7,780.00	17,748.51	7,780.00	261.41	262.63	-90.01	1,838.36	9,132.42	2,547.14	2,023.47	523.67	4.864		
17,600.00	7,780.00	17,848.27	7,780.00	264.09	265.29	-90.01	1,836.97	9,232.16	2,554.16	2,025.14	529.02	4.828		
17,700.00	7,780.00	17,948.02	7,780.00	266.77	267.96	-90.01	1,835.58	9,331.91	2,561.17	2,026.81	534.37	4.793		
17,800.00	7,780.00	18,047.77	7,780.00	269.46	270.63	-90.01	1,834.19	9,431.65	2,568.19	2,028.47	539.72	4.758		
17,900.00	7,780.00	18,147.53	7,780.00	272.14	273.29	-90.01	1,832.79	9,531.40	2,575.21	2,030.14	545.07	4.725		
18,000.00	7,780.00	18,247.28	7,780.00	274.83	275.96	-90.01	1,831.40	9,631.14	2,582.23	2,031.81	550.42	4.691		
18,100.00	7,780.00	18,347.03	7,780.00	277.51	278.63	-90.01	1,830.01	9,730.88	2,589.25	2,033.47	555.77	4.659		
18,200.00	7,780.00	18,446.79	7,780.00	280.20	281.30	-90.01	1,828.62	9,830.63	2,596.27	2,035.14	561.13	4.627		
18,300.00	7,780.00	18,546.54	7,780.00	282.89	283.97	-90.01	1,827.22	9,930.37	2,603.28	2,036.80	566.48	4.596		
18,400.00	7,780.00	18,646.29	7,780.00	285.57	286.64	-90.01	1,825.83	10,030.11	2,610.30	2,038.47	571.83	4.565		
18,500.00	7,780.00	18,746.05	7,780.00	288.26	289.31	-90.01	1,824.44	10,129.86	2,617.32	2,040.13	577.19	4.535		
18,600.00	7,780.00	18,845.80	7,780.00	290.95	291.98	-90.01	1,823.05	10,229.60	2,624.34	2,041.79	582.54	4.505		
18,700.00	7,780.00	18,945.56	7,780.00	293.64	294.65	-90.01	1,821.65	10,329.34	2,631.36	2,043.46	587.90	4.476		
18,800.00	7,780.00	19,045.31	7,780.00	296.32	297.32	-90.01	1,820.26	10,429.09	2,638.37	2,045.12	593.26	4.447		
18,900.00	7,780.00	19,145.06	7,780.00	299.01	299.99	-90.01	1,818.87	10,528.83	2,645.39	2,046.78	598.62	4.419		
19,000.00	7,780.00	19,244.82	7,780.00	301.70	302.66	-90.01	1,817.48	10,628.58	2,652.41	2,048.44	603.97	4.392		
19,100.00	7,780.00	19,344.57	7,780.00	304.39	305.34	-90.01	1,816.08	10,728.32	2,659.43	2,050.10	609.33	4.365		
19,200.00	7,780.00	19,444.32	7,780.00	307.08	308.01	-90.01	1,814.69	10,828.06	2,666.45	2,051.76	614.69	4.338		
19,300.00	7,780.00	19,544.08	7,780.00	309.77	310.68	-90.01	1,813.30	10,927.81	2,673.47	2,053.42	620.05	4.312		
19,400.00	7,780.00	19,643.83	7,780.00	312.46	313.35	-90.01	1,811.91	11,027.55	2,680.48	2,055.07	625.41	4.286		
19,500.00	7,780.00	19,743.58	7,780.00	315.15	316.03	-90.01	1,810.51	11,127.29	2,687.50	2,056.73	630.77	4.261		
19,600.00	7,780.00	19,843.34	7,780.00	317.84	318.70	-90.01	1,809.12	11,227.04	2,694.52	2,058.39	636.13	4.236		
19,700.00	7,780.00	19,943.09	7,780.00	320.53	321.37	-90.01	1,807.73	11,326.78	2,701.54	2,060.04	641.49	4.211		
19,800.00	7,780.00	20,042.84	7,780.00	323.22	324.05	-90.01	1,806.34	11,426.53	2,708.56	2,061.70	646.86	4.187		
19,900.00	7,780.00	20,142.60	7,780.00	325.91	326.72	-90.01	1,804.94	11,526.27	2,715.57	2,063.36	652.22	4.164		
20,000.00	7,780.00	20,242.35	7,780.00	328.60	329.40	-90.01	1,803.55	11,626.01	2,722.59	2,065.01	657.58	4.140		
20,100.00	7,780.00	20,342.10	7,780.00	331.30	332.07	-90.01	1,802.16	11,725.76	2,729.61	2,066.67	662.94	4.117		
20,200.00	7,780.00	20,441.86	7,780.00	333.99	334.75	-90.01	1,800.77	11,825.50	2,736.63	2,068.32	668.31	4.095		
20,300.00	7,780.00	20,541.61	7,780.00	336.68	337.42	-90.01	1,799.37	11,925.24	2,743.65	2,069.98	673.67	4.073		
20,400.00	7,780.00	20,641.36	7,780.00	339.37	340.10	-90.01	1,797.98	12,024.99	2,750.67	2,071.63	679.04	4.051		
20,500.00	7,780.00	20,741.12	7,780.00	342.07	342.77	-90.01	1,796.59	12,124.73	2,757.68	2,073.28	684.40	4.029		
20,600.00	7,780.00	20,840.87	7,780.00	344.76	345.45	-90.01	1,795.20	12,224.48	2,764.70	2,074.94	689.77	4.008		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
20,700.00	7,780.00	20,940.62	7,780.00	347.45	348.12	-90.01	1,793.80	12,324.22	2,771.72	2,076.59	695.13	3.987		
20,800.00	7,780.00	21,040.38	7,780.00	350.14	350.80	-90.01	1,792.41	12,423.96	2,778.74	2,078.24	700.50	3.967		
20,900.00	7,780.00	21,140.13	7,780.00	352.84	353.48	-90.01	1,791.02	12,523.71	2,785.76	2,079.89	705.86	3.947		
21,000.00	7,780.00	21,239.88	7,780.00	355.53	356.15	-90.01	1,789.63	12,623.45	2,792.77	2,081.54	711.23	3.927		
21,100.00	7,780.00	21,339.64	7,780.00	358.22	358.83	-90.01	1,788.23	12,723.19	2,799.79	2,083.19	716.60	3.907		
21,200.00	7,780.00	21,439.39	7,780.00	360.92	361.51	-90.01	1,786.84	12,822.94	2,806.81	2,084.85	721.97	3.888		
21,300.00	7,780.00	21,539.14	7,780.00	363.61	364.19	-90.01	1,785.45	12,922.68	2,813.83	2,086.50	727.33	3.869		
21,400.00	7,780.00	21,638.90	7,780.00	366.31	366.86	-90.01	1,784.06	13,022.42	2,820.85	2,088.15	732.70	3.850		
21,500.00	7,780.00	21,738.65	7,780.00	369.00	369.54	-90.01	1,782.66	13,122.17	2,827.87	2,089.80	738.07	3.831		
21,600.00	7,780.00	21,838.40	7,780.00	371.70	372.22	-90.01	1,781.27	13,221.91	2,834.88	2,091.45	743.44	3.813		
21,700.00	7,780.00	21,938.16	7,780.00	374.39	374.90	-90.01	1,779.88	13,321.66	2,841.90	2,093.10	748.81	3.795		
21,800.00	7,780.00	22,037.91	7,780.00	377.09	377.57	-90.01	1,778.49	13,421.40	2,848.92	2,094.74	754.18	3.778		
21,900.00	7,780.00	22,137.66	7,780.00	379.78	380.25	-90.01	1,777.09	13,521.14	2,855.94	2,096.39	759.54	3.760		
22,000.00	7,780.00	22,237.42	7,780.00	382.48	382.93	-90.01	1,775.70	13,620.89	2,862.96	2,098.04	764.91	3.743		
22,100.00	7,780.00	22,337.17	7,780.00	385.17	385.61	-90.01	1,774.31	13,720.63	2,869.97	2,099.69	770.28	3.726		
22,200.00	7,780.00	22,436.92	7,780.00	387.87	388.29	-90.01	1,772.92	13,820.37	2,876.99	2,101.34	775.65	3.709		
22,300.00	7,780.00	22,536.68	7,780.00	390.56	390.97	-90.01	1,771.52	13,920.12	2,884.01	2,102.99	781.02	3.693		
22,400.00	7,780.00	22,636.43	7,780.00	393.26	393.65	-90.01	1,770.13	14,019.86	2,891.03	2,104.63	786.40	3.676		
22,500.00	7,780.00	22,736.19	7,780.00	395.95	396.33	-90.01	1,768.74	14,119.61	2,898.05	2,106.28	791.77	3.660		
22,600.00	7,780.00	22,835.94	7,780.00	398.65	399.01	-90.01	1,767.35	14,219.35	2,905.07	2,107.93	797.14	3.644		
22,700.00	7,780.00	22,935.69	7,780.00	401.35	401.69	-90.01	1,765.95	14,319.09	2,912.08	2,109.57	802.51	3.629		
22,800.00	7,780.00	23,035.45	7,780.00	404.04	404.37	-90.01	1,764.56	14,418.84	2,919.10	2,111.22	807.88	3.613		
22,900.00	7,780.00	23,135.20	7,780.00	406.74	407.04	-90.01	1,763.17	14,518.58	2,926.12	2,112.87	813.25	3.598		
23,000.00	7,780.00	23,234.95	7,780.00	409.43	409.72	-90.01	1,761.78	14,618.32	2,933.14	2,114.51	818.62	3.583		
23,100.00	7,780.00	23,334.71	7,780.00	412.13	412.40	-90.01	1,760.38	14,718.07	2,940.16	2,116.16	824.00	3.568		
23,200.00	7,780.00	23,434.46	7,780.00	414.83	415.09	-90.01	1,758.99	14,817.81	2,947.17	2,117.81	829.37	3.554		
23,300.00	7,780.00	23,534.21	7,780.00	417.52	417.77	-90.01	1,757.60	14,917.56	2,954.19	2,119.45	834.74	3.539		
23,400.00	7,780.00	23,633.97	7,780.00	420.22	420.45	-90.01	1,756.21	15,017.30	2,961.21	2,121.10	840.12	3.525		
23,500.00	7,780.00	23,733.72	7,780.00	422.92	423.13	-90.01	1,754.81	15,117.04	2,968.23	2,122.74	845.49	3.511		
23,600.00	7,780.00	23,833.47	7,780.00	425.62	425.81	-90.01	1,753.42	15,216.79	2,975.25	2,124.39	850.86	3.497		
23,669.75	7,780.00	23,860.23	7,780.00	427.50	426.53	-90.01	1,753.05	15,243.54	2,980.45	2,127.15	853.30	3.493 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.27	60.10	0.28	60.11					
100.00	100.00	100.30	99.70	0.13	0.14	0.27	60.10	0.28	60.11	59.84	0.27	222.670		
200.00	200.00	200.30	199.70	0.49	0.49	0.27	60.10	0.28	60.11	59.12	0.99	60.905		
300.00	300.00	300.30	299.70	0.85	0.85	0.27	60.10	0.28	60.11	58.40	1.70	35.277		
400.00	400.00	399.70	399.70	1.21	1.21	0.27	60.10	0.28	60.11	57.69	2.42	24.851 CC, ES		
500.00	500.00	497.96	497.94	1.57	1.56	-0.60	61.50	-0.65	61.53	58.40	3.13	19.662		
600.00	600.00	595.98	595.82	1.93	1.91	-2.99	65.68	-3.43	65.89	62.05	3.84	17.162		
700.00	700.00	693.54	693.03	2.29	2.27	-6.32	72.61	-8.04	73.36	68.82	4.55	16.136		
800.00	799.98	790.43	789.22	2.63	2.64	109.19	82.22	-14.43	84.69	79.45	5.24	16.166		
900.00	899.84	886.37	884.04	2.97	3.02	108.11	94.40	-22.53	100.27	94.35	5.92	16.931		
1,000.00	999.45	981.09	977.11	3.32	3.42	108.11	109.00	-32.25	119.93	113.31	6.61	18.136		
1,100.00	1,098.70	1,076.86	1,070.71	3.69	3.84	108.84	125.88	-43.48	143.07	135.74	7.34	19.502		
1,200.00	1,197.68	1,173.83	1,165.43	4.07	4.29	110.31	143.17	-54.98	167.19	159.10	8.09	20.675		
1,300.00	1,296.65	1,270.79	1,260.15	4.46	4.74	111.46	160.46	-66.48	191.39	182.53	8.86	21.610		
1,400.00	1,395.63	1,367.76	1,354.86	4.86	5.21	112.34	177.75	-77.98	215.65	206.02	9.63	22.384		
1,500.00	1,494.60	1,464.72	1,449.58	5.27	5.67	113.05	195.04	-89.49	239.95	229.53	10.42	23.030		
1,600.00	1,593.58	1,561.69	1,544.29	5.67	6.14	113.63	212.33	-100.99	264.28	253.07	11.21	23.574		
1,700.00	1,692.55	1,658.65	1,639.01	6.09	6.61	114.11	229.62	-112.49	288.62	276.62	12.01	24.038		
1,800.00	1,791.53	1,755.62	1,733.72	6.50	7.09	114.51	246.91	-123.99	312.99	300.18	12.81	24.437		
1,900.00	1,890.50	1,852.58	1,828.44	6.92	7.57	114.86	264.20	-135.49	337.36	323.75	13.61	24.785		
2,000.00	1,989.48	1,949.55	1,923.15	7.34	8.05	115.16	281.49	-146.99	361.75	347.33	14.42	25.089		
2,100.00	2,088.45	2,046.51	2,017.87	7.76	8.53	115.42	298.78	-158.50	386.15	370.92	15.23	25.357		
2,200.00	2,187.43	2,143.48	2,112.58	8.19	9.01	115.65	316.07	-170.00	410.55	394.51	16.04	25.596		
2,300.00	2,286.40	2,240.44	2,207.30	8.61	9.49	115.86	333.36	-181.50	434.95	418.10	16.85	25.809		
2,400.00	2,385.38	2,337.41	2,302.01	9.04	9.97	116.04	350.65	-193.00	459.37	441.70	17.67	26.001		
2,500.00	2,484.35	2,434.37	2,396.73	9.46	10.46	116.21	367.94	-204.50	483.78	465.30	18.48	26.174		
2,600.00	2,583.32	2,531.33	2,491.44	9.89	10.94	116.36	385.23	-216.01	508.20	488.90	19.30	26.331		
2,700.00	2,682.30	2,628.30	2,586.16	10.32	11.42	116.49	402.52	-227.51	532.62	512.50	20.12	26.474		
2,800.00	2,781.27	2,725.26	2,680.87	10.75	11.91	116.62	419.81	-239.01	557.05	536.11	20.94	26.604		
2,900.00	2,880.25	2,822.23	2,775.59	11.18	12.40	116.73	437.10	-250.51	581.47	559.72	21.76	26.724		
3,000.00	2,979.22	2,919.19	2,870.30	11.61	12.88	116.83	454.39	-262.01	605.90	583.32	22.58	26.835		
3,100.00	3,078.20	3,016.16	2,965.02	12.04	13.37	116.93	471.68	-273.51	630.33	606.93	23.40	26.937		
3,200.00	3,177.17	3,113.12	3,059.73	12.47	13.85	117.02	488.96	-285.02	654.76	630.54	24.22	27.032		
3,300.00	3,276.15	3,210.09	3,154.45	12.90	14.34	117.10	506.25	-296.52	679.20	654.15	25.04	27.120		
3,400.00	3,375.12	3,307.05	3,249.16	13.33	14.83	117.18	523.54	-308.02	703.63	677.77	25.87	27.201		
3,500.00	3,474.10	3,404.02	3,343.88	13.76	15.32	117.25	540.83	-319.52	728.07	701.38	26.69	27.278		
3,600.00	3,573.07	3,500.98	3,438.59	14.19	15.80	117.31	558.12	-331.02	752.51	724.99	27.51	27.349		
3,700.00	3,672.05	3,597.95	3,533.31	14.62	16.29	117.38	575.41	-342.53	776.94	748.60	28.34	27.416		
3,800.00	3,771.02	3,705.09	3,628.02	15.05	16.83	117.44	592.70	-354.03	801.38	772.17	29.21	27.438		
3,900.00	3,870.00	3,808.13	3,722.74	15.49	17.35	117.49	609.99	-365.53	825.82	795.76	30.06	27.474		
4,000.00	3,968.97	3,888.84	3,817.45	15.92	17.76	117.54	627.28	-377.03	850.26	819.45	30.81	27.594		
4,100.00	4,067.94	3,985.80	3,912.17	16.35	18.24	117.59	644.57	-388.53	874.70	843.06	31.64	27.646		
4,200.00	4,166.92	4,082.77	4,006.88	16.78	18.73	117.64	661.86	-400.03	899.14	866.68	32.46	27.696		
4,300.00	4,265.89	4,179.73	4,101.60	17.22	19.22	117.68	679.15	-411.54	923.58	890.29	33.29	27.743		
4,400.00	4,364.87	4,276.70	4,196.31	17.65	19.71	117.73	696.44	-423.04	948.03	913.91	34.12	27.787		
4,500.00	4,463.84	4,373.66	4,291.03	18.08	20.20	117.76	713.73	-434.54	972.47	937.52	34.94	27.830		
4,600.00	4,562.82	4,470.63	4,385.74	18.51	20.69	117.80	731.02	-446.04	996.91	961.14	35.77	27.870		
4,700.00	4,661.79	4,567.59	4,480.46	18.95	21.17	117.84	748.31	-457.54	1,021.35	984.76	36.60	27.908		
4,800.00	4,760.77	4,664.56	4,575.17	19.38	21.66	117.87	765.60	-469.04	1,045.80	1,008.37	37.42	27.944		
4,900.00	4,859.74	4,761.52	4,669.89	19.81	22.15	117.91	782.89	-480.55	1,070.24	1,031.99	38.25	27.979		
5,000.00	4,958.72	4,858.49	4,764.60	20.25	22.64	117.94	800.18	-492.05	1,094.69	1,055.61	39.08	28.012		
5,100.00	5,057.69	4,955.45	4,859.32	20.68	23.13	117.97	817.47	-503.55	1,119.13	1,079.22	39.91	28.044		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,156.67	5,052.42	4,954.03	21.12	23.62	118.00	834.75	-515.05	1,143.58	1,102.84	40.73	28.074		
5,300.00	5,255.64	5,149.38	5,048.75	21.55	24.11	118.02	852.04	-526.55	1,168.02	1,126.46	41.56	28.103		
5,400.00	5,354.62	5,246.35	5,143.46	21.98	24.60	118.05	869.33	-538.06	1,192.47	1,150.08	42.39	28.131		
5,500.00	5,453.59	5,343.31	5,238.18	22.42	25.09	118.07	886.62	-549.56	1,216.91	1,173.69	43.22	28.157		
5,600.00	5,552.56	5,440.27	5,332.89	22.85	25.58	118.10	903.91	-561.06	1,241.36	1,197.31	44.05	28.183		
5,700.00	5,651.54	5,537.24	5,427.61	23.28	26.07	118.12	921.20	-572.56	1,265.80	1,220.93	44.88	28.207		
5,800.00	5,750.51	5,634.20	5,522.32	23.72	26.56	118.14	938.49	-584.06	1,290.25	1,244.55	45.70	28.231		
5,900.00	5,849.49	5,731.17	5,617.04	24.15	27.04	118.17	955.78	-595.56	1,314.70	1,268.16	46.53	28.253		
6,000.00	5,948.46	5,828.13	5,711.75	24.59	27.53	118.19	973.07	-607.07	1,339.14	1,291.78	47.36	28.275		
6,100.00	6,047.44	5,925.10	5,806.47	25.02	28.02	118.21	990.36	-618.57	1,363.59	1,315.40	48.19	28.296		
6,200.00	6,146.41	6,022.06	5,901.18	25.45	28.51	118.23	1,007.65	-630.07	1,388.04	1,339.02	49.02	28.316		
6,300.00	6,245.39	6,119.03	5,995.90	25.89	29.00	118.25	1,024.94	-641.57	1,412.48	1,362.64	49.85	28.335		
6,400.00	6,344.36	6,215.99	6,090.61	26.32	29.49	118.26	1,042.23	-653.07	1,436.93	1,386.25	50.68	28.354		
6,500.00	6,443.34	6,312.96	6,185.33	26.76	29.98	118.28	1,059.52	-664.57	1,461.38	1,409.87	51.51	28.372		
6,600.00	6,542.31	6,409.92	6,280.04	27.19	30.47	118.30	1,076.81	-676.08	1,485.83	1,433.49	52.34	28.389		
6,700.00	6,641.29	6,506.89	6,374.76	27.63	30.96	118.31	1,094.10	-687.58	1,510.27	1,457.11	53.17	28.406		
6,800.00	6,740.26	6,603.85	6,469.47	28.06	31.45	118.33	1,111.39	-699.08	1,534.72	1,480.72	54.00	28.422		
6,900.00	6,839.24	6,700.82	6,564.19	28.50	31.94	118.34	1,128.68	-710.58	1,559.17	1,504.34	54.83	28.438		
7,000.00	6,938.21	6,802.22	6,658.90	28.93	32.45	118.36	1,145.97	-722.08	1,583.62	1,527.94	55.68	28.443		
7,100.00	7,037.18	6,905.26	6,753.62	29.36	32.97	118.37	1,163.26	-733.59	1,608.07	1,551.53	56.53	28.444		
7,200.00	7,136.16	7,008.29	6,848.33	29.80	33.49	118.39	1,180.54	-745.09	1,632.51	1,575.12	57.39	28.446		
7,300.00	7,235.71	7,088.20	6,942.58	30.16	33.90	-144.26	1,197.75	-756.53	1,656.98	1,598.93	58.05	28.542		
7,400.00	7,334.44	7,181.79	7,034.00	30.38	34.37	-104.54	1,214.44	-767.63	1,681.24	1,622.63	58.61	28.685		
7,500.00	7,429.33	7,269.64	7,119.81	30.53	34.81	-96.02	1,230.10	-778.05	1,705.29	1,646.27	59.02	28.895		
7,600.00	7,517.51	7,349.07	7,197.40	30.60	35.21	-92.20	1,244.27	-787.48	1,729.49	1,670.20	59.29	29.170		
7,700.00	7,596.31	7,441.51	7,288.06	30.64	35.65	-90.31	1,260.71	-793.88	1,754.07	1,694.45	59.62	29.421		
7,800.00	7,663.31	7,560.20	7,404.00	30.67	36.04	-89.62	1,281.27	-780.76	1,778.03	1,717.97	60.06	29.605		
7,900.00	7,716.50	7,715.05	7,546.94	30.73	36.32	-89.95	1,305.79	-727.87	1,800.05	1,739.45	60.60	29.705		
8,000.00	7,754.25	7,930.43	7,712.27	30.89	36.37	-91.19	1,332.53	-594.47	1,817.79	1,756.50	61.30	29.656		
8,100.00	7,775.41	8,220.93	7,837.97	31.21	36.04	-92.27	1,349.37	-336.56	1,827.25	1,764.43	62.82	29.088		
8,200.00	7,780.00	8,402.34	7,850.00	31.71	35.77	-92.21	1,347.49	-155.99	1,827.18	1,762.48	64.70	28.240		
8,300.00	7,780.00	8,502.34	7,850.00	32.46	35.72	-92.21	1,345.26	-56.02	1,826.14	1,759.70	66.44	27.485		
8,400.00	7,780.00	8,602.33	7,850.00	33.45	35.90	-92.21	1,343.02	43.95	1,825.10	1,756.54	68.56	26.620		
8,500.00	7,780.00	8,702.33	7,850.00	34.65	36.67	-92.21	1,340.78	143.92	1,824.07	1,753.04	71.03	25.681		
8,600.00	7,780.00	8,802.32	7,850.00	36.03	37.97	-92.21	1,338.55	243.89	1,823.03	1,749.22	73.80	24.701		
8,700.00	7,780.00	8,902.31	7,850.00	37.56	39.50	-92.21	1,336.31	343.86	1,821.99	1,745.13	76.86	23.705		
8,800.00	7,780.00	9,002.31	7,850.00	39.22	41.18	-92.21	1,334.08	443.83	1,820.95	1,740.79	80.16	22.716		
8,900.00	7,780.00	9,102.30	7,850.00	40.99	42.97	-92.21	1,331.84	543.80	1,819.92	1,736.23	83.68	21.747		
9,000.00	7,780.00	9,202.30	7,850.00	42.86	44.85	-92.22	1,329.60	643.77	1,818.88	1,731.48	87.40	20.812		
9,100.00	7,780.00	9,302.29	7,850.00	44.82	46.81	-92.22	1,327.37	743.74	1,817.84	1,726.57	91.27	19.916		
9,200.00	7,780.00	9,402.29	7,850.00	46.84	48.84	-92.22	1,325.13	843.71	1,816.80	1,721.50	95.30	19.064		
9,300.00	7,780.00	9,502.28	7,850.00	48.94	50.92	-92.22	1,322.90	943.68	1,815.77	1,716.31	99.45	18.257		
9,400.00	7,780.00	9,602.28	7,850.00	51.09	53.06	-92.22	1,320.66	1,043.65	1,814.73	1,711.01	103.72	17.496		
9,500.00	7,780.00	9,702.27	7,850.00	53.29	55.25	-92.22	1,318.42	1,143.62	1,813.69	1,705.60	108.09	16.779		
9,600.00	7,780.00	9,802.27	7,850.00	55.53	57.48	-92.22	1,316.19	1,243.59	1,812.65	1,700.11	112.55	16.106		
9,700.00	7,780.00	9,902.26	7,850.00	57.81	59.75	-92.22	1,313.95	1,343.56	1,811.62	1,694.53	117.08	15.473		
9,800.00	7,780.00	10,002.26	7,850.00	60.13	62.05	-92.23	1,311.71	1,443.53	1,810.58	1,688.89	121.69	14.879		
9,900.00	7,780.00	10,102.25	7,850.00	62.48	64.38	-92.23	1,309.48	1,543.49	1,809.54	1,683.19	126.36	14.321		
10,000.00	7,780.00	10,202.24	7,850.00	64.85	66.73	-92.23	1,307.24	1,643.46	1,808.50	1,677.43	131.08	13.797		
10,100.00	7,780.00	10,302.24	7,850.00	67.25	69.11	-92.23	1,305.01	1,743.43	1,807.47	1,671.62	135.85	13.305		
10,200.00	7,780.00	10,402.23	7,850.00	69.67	71.52	-92.23	1,302.77	1,843.40	1,806.43	1,665.76	140.67	12.842		
10,300.00	7,780.00	10,502.23	7,850.00	72.11	73.94	-92.23	1,300.53	1,943.37	1,805.39	1,659.87	145.52	12.406		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,602.22	7,850.00	74.56	76.38	-92.23	1,298.30	2,043.34	1,804.36	1,653.94	150.42	11.996		
10,500.00	7,780.00	10,702.22	7,850.00	77.04	78.83	-92.23	1,296.06	2,143.31	1,803.32	1,647.97	155.34	11.609		
10,600.00	7,780.00	10,802.21	7,850.00	79.52	81.30	-92.24	1,293.82	2,243.28	1,802.28	1,641.98	160.30	11.243		
10,700.00	7,780.00	10,902.21	7,850.00	82.02	83.79	-92.24	1,291.59	2,343.25	1,801.24	1,635.96	165.28	10.898		
10,800.00	7,780.00	11,002.20	7,850.00	84.54	86.29	-92.24	1,289.35	2,443.22	1,800.21	1,629.91	170.29	10.571		
10,900.00	7,780.00	11,102.20	7,850.00	87.06	88.80	-92.24	1,287.12	2,543.19	1,799.17	1,623.85	175.32	10.262		
11,000.00	7,780.00	11,202.19	7,850.00	89.59	91.31	-92.24	1,284.88	2,643.16	1,798.13	1,617.76	180.37	9.969		
11,100.00	7,780.00	11,302.19	7,850.00	92.14	93.84	-92.24	1,282.64	2,743.13	1,797.09	1,611.65	185.44	9.691		
11,200.00	7,780.00	11,402.18	7,850.00	94.69	96.38	-92.24	1,280.41	2,843.10	1,796.06	1,605.52	190.53	9.427		
11,300.00	7,780.00	11,502.17	7,850.00	97.24	98.93	-92.24	1,278.17	2,943.07	1,795.02	1,599.38	195.64	9.175		
11,400.00	7,780.00	11,602.17	7,850.00	99.81	101.48	-92.25	1,275.93	3,043.04	1,793.98	1,593.23	200.75	8.936		
11,500.00	7,780.00	11,702.16	7,850.00	102.38	104.04	-92.25	1,273.70	3,143.01	1,792.94	1,587.06	205.89	8.708		
11,600.00	7,780.00	11,802.16	7,850.00	104.96	106.61	-92.25	1,271.46	3,242.98	1,791.91	1,580.87	211.03	8.491		
11,700.00	7,780.00	11,902.15	7,850.00	107.55	109.18	-92.25	1,269.23	3,342.95	1,790.87	1,574.68	216.19	8.284		
11,800.00	7,780.00	12,002.15	7,850.00	110.14	111.76	-92.25	1,266.99	3,442.92	1,789.83	1,568.47	221.36	8.086		
11,900.00	7,780.00	12,102.14	7,850.00	112.73	114.34	-92.25	1,264.75	3,542.89	1,788.79	1,562.26	226.54	7.896		
12,000.00	7,780.00	12,202.14	7,850.00	115.33	116.93	-92.25	1,262.52	3,642.86	1,787.76	1,556.03	231.72	7.715		
12,100.00	7,780.00	12,302.13	7,850.00	117.93	119.53	-92.26	1,260.28	3,742.83	1,786.72	1,549.80	236.92	7.541		
12,200.00	7,780.00	12,402.13	7,850.00	120.54	122.13	-92.26	1,258.04	3,842.80	1,785.68	1,543.55	242.13	7.375		
12,300.00	7,780.00	12,502.12	7,850.00	123.15	124.73	-92.26	1,255.81	3,942.77	1,784.64	1,537.30	247.34	7.215		
12,400.00	7,780.00	12,602.12	7,850.00	125.77	127.34	-92.26	1,253.57	4,042.73	1,783.61	1,531.05	252.56	7.062		
12,500.00	7,780.00	12,702.11	7,850.00	128.39	129.95	-92.26	1,251.34	4,142.70	1,782.57	1,524.78	257.79	6.915		
12,600.00	7,780.00	12,802.10	7,850.00	131.01	132.56	-92.26	1,249.10	4,242.67	1,781.53	1,518.51	263.02	6.773		
12,700.00	7,780.00	12,902.10	7,850.00	133.63	135.18	-92.26	1,246.86	4,342.64	1,780.50	1,512.23	268.26	6.637		
12,800.00	7,780.00	13,002.09	7,850.00	136.26	137.80	-92.26	1,244.63	4,442.61	1,779.46	1,505.95	273.51	6.506		
12,900.00	7,780.00	13,102.09	7,850.00	138.89	140.42	-92.27	1,242.39	4,542.58	1,778.42	1,499.66	278.76	6.380		
13,000.00	7,780.00	13,202.08	7,850.00	141.52	143.04	-92.27	1,240.15	4,642.55	1,777.38	1,493.36	284.02	6.258		
13,100.00	7,780.00	13,302.08	7,850.00	144.16	145.67	-92.27	1,237.92	4,742.52	1,776.35	1,487.06	289.28	6.141		
13,200.00	7,780.00	13,402.07	7,850.00	146.79	148.30	-92.27	1,235.68	4,842.49	1,775.31	1,480.76	294.55	6.027		
13,300.00	7,780.00	13,502.07	7,850.00	149.43	150.94	-92.27	1,233.45	4,942.46	1,774.27	1,474.45	299.82	5.918		
13,400.00	7,780.00	13,602.06	7,850.00	152.07	153.57	-92.27	1,231.21	5,042.43	1,773.23	1,468.14	305.09	5.812		
13,500.00	7,780.00	13,702.06	7,850.00	154.72	156.21	-92.27	1,228.97	5,142.40	1,772.20	1,461.82	310.37	5.710		
13,600.00	7,780.00	13,802.05	7,850.00	157.36	158.85	-92.27	1,226.74	5,242.37	1,771.16	1,455.50	315.65	5.611		
13,700.00	7,780.00	13,902.05	7,850.00	160.01	161.49	-92.28	1,224.50	5,342.34	1,770.12	1,449.18	320.94	5.515		
13,800.00	7,780.00	14,002.04	7,850.00	162.66	164.13	-92.28	1,222.27	5,442.31	1,769.08	1,442.85	326.23	5.423		
13,900.00	7,780.00	14,102.03	7,850.00	165.31	166.78	-92.28	1,220.03	5,542.28	1,768.05	1,436.52	331.52	5.333		
14,000.00	7,780.00	14,202.03	7,850.00	167.96	169.42	-92.28	1,217.79	5,642.25	1,767.01	1,430.19	336.82	5.246		
14,100.00	7,780.00	14,302.02	7,850.00	170.61	172.07	-92.28	1,215.56	5,742.22	1,765.97	1,423.86	342.12	5.162		
14,200.00	7,780.00	14,402.02	7,850.00	173.26	174.72	-92.28	1,213.32	5,842.19	1,764.94	1,417.52	347.42	5.080		
14,300.00	7,780.00	14,502.01	7,850.00	175.92	177.37	-92.28	1,211.08	5,942.16	1,763.90	1,411.18	352.72	5.001		
14,400.00	7,780.00	14,602.01	7,850.00	178.58	180.02	-92.29	1,208.85	6,042.13	1,762.86	1,404.83	358.03	4.924		
14,500.00	7,780.00	14,702.00	7,850.00	181.23	182.68	-92.29	1,206.61	6,142.10	1,761.82	1,398.49	363.34	4.849		
14,600.00	7,780.00	14,802.00	7,850.00	183.89	185.33	-92.29	1,204.38	6,242.07	1,760.79	1,392.14	368.65	4.776		
14,700.00	7,780.00	14,901.99	7,850.00	186.55	187.99	-92.29	1,202.14	6,342.04	1,759.75	1,385.79	373.96	4.706		
14,800.00	7,780.00	15,001.99	7,850.00	189.21	190.64	-92.29	1,199.90	6,442.01	1,758.71	1,379.43	379.28	4.637		
14,900.00	7,780.00	15,101.98	7,850.00	191.88	193.30	-92.29	1,197.67	6,541.97	1,757.67	1,373.08	384.60	4.570		
15,000.00	7,780.00	15,201.98	7,850.00	194.54	195.96	-92.29	1,195.43	6,641.94	1,756.64	1,366.72	389.91	4.505		
15,100.00	7,780.00	15,301.97	7,850.00	197.20	198.62	-92.30	1,193.19	6,741.91	1,755.60	1,360.36	395.24	4.442		
15,200.00	7,780.00	15,401.96	7,850.00	199.87	201.28	-92.30	1,190.96	6,841.88	1,754.56	1,354.00	400.56	4.380		
15,300.00	7,780.00	15,501.96	7,850.00	202.53	203.95	-92.30	1,188.72	6,941.85	1,753.52	1,347.64	405.88	4.320		
15,400.00	7,780.00	15,601.95	7,850.00	205.20	206.61	-92.30	1,186.49	7,041.82	1,752.49	1,341.28	411.21	4.262		
15,500.00	7,780.00	15,701.95	7,850.00	207.86	209.27	-92.30	1,184.25	7,141.79	1,751.45	1,334.91	416.54	4.205		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,801.94	7,850.00	210.53	211.94	-92.30	1,182.01	7,241.76	1,750.41	1,328.54	421.87	4.149		
15,700.00	7,780.00	15,901.94	7,850.00	213.20	214.60	-92.30	1,179.78	7,341.73	1,749.37	1,322.17	427.20	4.095		
15,776.35	7,780.00	15,978.29	7,850.00	215.24	216.64	-92.30	1,178.07	7,418.06	1,749.16	1,317.88	431.27	4.056		
15,800.00	7,780.00	16,001.93	7,850.00	215.87	217.27	-92.30	1,177.54	7,441.70	1,748.89	1,316.36	432.53	4.043		
15,900.00	7,780.00	16,101.89	7,850.00	218.54	219.94	-92.30	1,175.31	7,541.64	1,751.57	1,313.69	437.87	4.000		
16,000.00	7,780.00	16,201.73	7,850.00	221.22	222.60	-92.30	1,173.07	7,641.45	1,757.30	1,314.09	443.21	3.965		
16,100.00	7,780.00	16,301.54	7,850.00	223.89	225.26	-92.29	1,170.84	7,741.23	1,763.47	1,314.92	448.55	3.932		
16,200.00	7,780.00	16,401.35	7,850.00	226.57	227.93	-92.28	1,168.61	7,841.01	1,769.65	1,315.76	453.89	3.899		
16,300.00	7,780.00	16,501.15	7,850.00	229.24	230.59	-92.27	1,166.38	7,940.80	1,775.82	1,316.59	459.23	3.867		
16,400.00	7,780.00	16,600.96	7,850.00	231.92	233.26	-92.27	1,164.14	8,040.58	1,781.99	1,317.43	464.57	3.836		
16,500.00	7,780.00	16,700.77	7,850.00	234.60	235.93	-92.26	1,161.91	8,140.37	1,788.17	1,318.26	469.91	3.805		
16,600.00	7,780.00	16,800.58	7,850.00	237.28	238.59	-92.25	1,159.68	8,240.15	1,794.34	1,319.09	475.25	3.776		
16,700.00	7,780.00	16,900.39	7,850.00	239.96	241.26	-92.24	1,157.45	8,339.93	1,800.52	1,319.92	480.60	3.746		
16,800.00	7,780.00	17,000.20	7,850.00	242.64	243.93	-92.23	1,155.22	8,439.72	1,806.69	1,320.75	485.94	3.718		
16,900.00	7,780.00	17,100.01	7,850.00	245.32	246.60	-92.23	1,152.98	8,539.50	1,812.87	1,321.58	491.29	3.690		
17,000.00	7,780.00	17,200.18	7,850.00	248.00	249.28	-92.22	1,150.75	8,639.29	1,819.04	1,322.39	496.65	3.663		
17,100.00	7,780.00	17,300.38	7,850.00	250.68	251.96	-92.21	1,148.52	8,739.07	1,825.22	1,323.21	502.01	3.636		
17,200.00	7,780.00	17,400.57	7,850.00	253.36	254.64	-92.20	1,146.29	8,838.85	1,831.39	1,324.02	507.37	3.610		
17,300.00	7,780.00	17,500.76	7,850.00	256.04	257.32	-92.20	1,144.06	8,938.64	1,837.57	1,324.84	512.73	3.584		
17,400.00	7,780.00	17,599.05	7,850.00	258.72	259.95	-92.19	1,141.82	9,038.42	1,843.74	1,325.70	518.04	3.559		
17,500.00	7,780.00	17,701.14	7,850.00	261.41	262.68	-92.18	1,139.59	9,138.21	1,849.92	1,326.46	523.45	3.534		
17,600.00	7,780.00	17,801.33	7,850.00	264.09	265.36	-92.17	1,137.36	9,237.99	1,856.09	1,327.28	528.82	3.510		
17,700.00	7,780.00	17,901.52	7,850.00	266.77	268.04	-92.17	1,135.13	9,337.77	1,862.27	1,328.09	534.18	3.486		
17,800.00	7,780.00	18,001.71	7,850.00	269.46	270.73	-92.16	1,132.90	9,437.56	1,868.44	1,328.90	539.55	3.463		
17,900.00	7,780.00	18,101.90	7,850.00	272.14	273.41	-92.15	1,130.66	9,537.34	1,874.62	1,329.71	544.91	3.440		
18,000.00	7,780.00	18,202.10	7,850.00	274.83	276.09	-92.15	1,128.43	9,637.13	1,880.79	1,330.51	550.28	3.418		
18,100.00	7,780.00	18,302.29	7,850.00	277.51	278.78	-92.14	1,126.20	9,736.91	1,886.97	1,331.32	555.65	3.396		
18,200.00	7,780.00	18,402.48	7,850.00	280.20	281.46	-92.13	1,123.97	9,836.69	1,893.14	1,332.13	561.01	3.375		
18,300.00	7,780.00	18,502.67	7,850.00	282.89	284.15	-92.13	1,121.74	9,936.48	1,899.32	1,332.94	566.38	3.353		
18,400.00	7,780.00	18,602.86	7,850.00	285.57	286.83	-92.12	1,119.50	10,036.26	1,905.49	1,333.74	571.75	3.333		
18,500.00	7,780.00	18,703.05	7,850.00	288.26	289.52	-92.11	1,117.27	10,136.04	1,911.67	1,334.55	577.12	3.312		
18,600.00	7,780.00	18,796.76	7,850.00	290.95	292.03	-92.10	1,115.04	10,235.83	1,917.84	1,335.35	582.32	3.293		
18,700.00	7,780.00	18,903.43	7,850.00	293.64	294.89	-92.10	1,112.81	10,335.61	1,924.02	1,336.16	587.86	3.273		
18,800.00	7,780.00	18,996.38	7,850.00	296.32	297.38	-92.09	1,110.57	10,435.40	1,930.19	1,337.15	593.04	3.255		
18,900.00	7,780.00	19,103.82	7,850.00	299.01	300.26	-92.08	1,108.34	10,535.18	1,936.37	1,337.76	598.61	3.235		
19,000.00	7,780.00	19,204.01	7,850.00	301.70	302.95	-92.08	1,106.11	10,634.96	1,942.55	1,338.57	603.98	3.216		
19,100.00	7,780.00	19,304.20	7,850.00	304.39	305.64	-92.07	1,103.88	10,734.75	1,948.72	1,339.37	609.35	3.198		
19,200.00	7,780.00	19,404.39	7,850.00	307.08	308.33	-92.06	1,101.65	10,834.53	1,954.90	1,340.17	614.73	3.180		
19,300.00	7,780.00	19,504.58	7,850.00	309.77	311.01	-92.06	1,099.41	10,934.32	1,961.07	1,340.97	620.10	3.162		
19,400.00	7,780.00	19,604.77	7,850.00	312.46	313.70	-92.05	1,097.18	11,034.10	1,967.25	1,341.77	625.48	3.145		
19,500.00	7,780.00	19,704.96	7,850.00	315.15	316.39	-92.05	1,094.95	11,133.88	1,973.42	1,342.57	630.85	3.128		
19,600.00	7,780.00	19,805.15	7,850.00	317.84	319.08	-92.04	1,092.72	11,233.67	1,979.60	1,343.37	636.23	3.111		
19,700.00	7,780.00	19,905.34	7,850.00	320.53	321.77	-92.03	1,090.49	11,333.45	1,985.77	1,344.17	641.60	3.095		
19,800.00	7,780.00	20,005.54	7,850.00	323.22	324.46	-92.03	1,088.25	11,433.24	1,991.95	1,344.97	646.98	3.079		
19,900.00	7,780.00	20,105.73	7,850.00	325.91	327.15	-92.02	1,086.02	11,533.02	1,998.12	1,345.77	652.36	3.063		
20,000.00	7,780.00	20,194.08	7,850.00	328.60	329.52	-92.01	1,083.79	11,632.80	2,004.30	1,346.88	657.42	3.049		
20,100.00	7,780.00	20,293.89	7,850.00	331.30	332.20	-92.01	1,081.56	11,732.59	2,010.48	1,347.69	662.79	3.033		
20,200.00	7,780.00	20,406.30	7,850.00	333.99	335.22	-92.00	1,079.33	11,832.37	2,016.65	1,348.16	668.49	3.017		
20,300.00	7,780.00	20,506.49	7,850.00	336.68	337.91	-92.00	1,077.09	11,932.16	2,022.83	1,348.95	673.87	3.002		
20,400.00	7,780.00	20,593.32	7,850.00	339.37	340.24	-91.99	1,074.86	12,031.94	2,029.00	1,350.11	678.89	2.989		
20,500.00	7,780.00	20,706.87	7,850.00	342.07	343.29	-91.98	1,072.63	12,131.72	2,035.18	1,350.55	684.63	2.973		
20,600.00	7,780.00	20,807.06	7,850.00	344.76	345.98	-91.98	1,070.40	12,231.51	2,041.35	1,351.34	690.01	2.958		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
20,700.00	7,780.00	20,892.75	7,850.00	347.45	348.28	-91.97	1,068.17	12,331.29	2,047.53	1,352.53	695.00	2.946		
20,800.00	7,780.00	21,007.45	7,850.00	350.14	351.36	-91.97	1,065.93	12,431.08	2,053.71	1,352.93	700.77	2.931		
20,900.00	7,780.00	21,107.64	7,850.00	352.84	354.05	-91.96	1,063.70	12,530.86	2,059.88	1,353.73	706.15	2.917		
21,000.00	7,780.00	21,207.83	7,850.00	355.53	356.74	-91.95	1,061.47	12,630.64	2,066.06	1,354.52	711.54	2.904		
21,100.00	7,780.00	21,291.98	7,850.00	358.22	359.00	-91.95	1,059.24	12,730.43	2,072.23	1,355.75	716.49	2.892		
21,200.00	7,780.00	21,408.21	7,850.00	360.92	362.13	-91.94	1,057.01	12,830.21	2,078.41	1,356.11	722.30	2.877		
21,300.00	7,780.00	21,508.40	7,850.00	363.61	364.82	-91.94	1,054.77	12,929.99	2,084.59	1,356.90	727.68	2.865		
21,400.00	7,780.00	21,608.59	7,850.00	366.31	367.51	-91.93	1,052.54	13,029.78	2,090.76	1,357.70	733.07	2.852		
21,500.00	7,780.00	21,708.78	7,850.00	369.00	370.20	-91.92	1,050.31	13,129.56	2,096.94	1,358.49	738.45	2.840		
21,600.00	7,780.00	21,791.03	7,850.00	371.70	372.41	-91.92	1,048.08	13,229.35	2,103.11	1,359.76	743.35	2.829		
21,700.00	7,780.00	21,909.17	7,850.00	374.39	375.59	-91.91	1,045.84	13,329.13	2,109.29	1,360.07	749.22	2.815		
21,800.00	7,780.00	22,009.36	7,850.00	377.09	378.28	-91.91	1,043.61	13,428.91	2,115.47	1,360.87	754.60	2.803		
21,900.00	7,780.00	22,109.55	7,850.00	379.78	380.97	-91.90	1,041.38	13,528.70	2,121.64	1,361.66	759.98	2.792		
22,000.00	7,780.00	22,209.74	7,850.00	382.48	383.67	-91.90	1,039.15	13,628.48	2,127.82	1,362.45	765.37	2.780		
22,100.00	7,780.00	22,309.93	7,850.00	385.17	386.36	-91.89	1,036.92	13,728.27	2,133.99	1,363.24	770.75	2.769		
22,200.00	7,780.00	22,389.88	7,850.00	387.87	388.51	-91.89	1,034.68	13,828.05	2,140.17	1,364.58	775.59	2.759		
22,300.00	7,780.00	22,489.69	7,850.00	390.56	391.19	-91.88	1,032.45	13,927.83	2,146.35	1,365.38	780.97	2.748		
22,400.00	7,780.00	22,589.50	7,850.00	393.26	393.87	-91.88	1,030.22	14,027.62	2,152.52	1,366.18	786.35	2.737		
22,500.00	7,780.00	22,689.31	7,850.00	395.95	396.56	-91.87	1,027.99	14,127.40	2,158.70	1,366.98	791.72	2.727		
22,600.00	7,780.00	22,789.11	7,850.00	398.65	399.24	-91.86	1,025.76	14,227.19	2,164.87	1,367.78	797.10	2.716		
22,700.00	7,780.00	22,888.92	7,850.00	401.35	401.93	-91.86	1,023.52	14,326.97	2,171.05	1,368.58	802.47	2.705		
22,800.00	7,780.00	22,988.73	7,850.00	404.04	404.61	-91.85	1,021.29	14,426.75	2,177.23	1,369.38	807.85	2.695		
22,900.00	7,780.00	23,088.54	7,850.00	406.74	407.29	-91.85	1,019.06	14,526.54	2,183.40	1,370.18	813.23	2.685		
23,000.00	7,780.00	23,188.35	7,850.00	409.43	409.98	-91.84	1,016.83	14,626.32	2,189.58	1,370.98	818.60	2.675		
23,100.00	7,780.00	23,288.16	7,850.00	412.13	412.66	-91.84	1,014.60	14,726.11	2,195.76	1,371.78	823.98	2.665		
23,200.00	7,780.00	23,387.97	7,850.00	414.83	415.35	-91.83	1,012.36	14,825.89	2,201.93	1,372.58	829.36	2.655		
23,300.00	7,780.00	23,487.78	7,850.00	417.52	418.03	-91.83	1,010.13	14,925.67	2,208.11	1,373.37	834.73	2.645		
23,400.00	7,780.00	23,587.59	7,850.00	420.22	420.71	-91.82	1,007.90	15,025.46	2,214.28	1,374.17	840.11	2.636		
23,500.00	7,780.00	23,687.39	7,850.00	422.92	423.40	-91.82	1,005.67	15,125.24	2,220.46	1,374.97	845.49	2.626		
23,600.00	7,780.00	23,787.20	7,850.00	425.62	426.08	-91.81	1,003.44	15,225.02	2,226.64	1,375.77	850.87	2.617		
23,669.75	7,780.00	23,805.89	7,850.00	427.50	426.59	-91.81	1,003.02	15,243.71	2,231.53	1,378.62	852.91	2.616 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.20	-0.20	0.00	0.00	0.40	40.07	0.28	40.07					
100.00	100.00	100.20	99.80	0.13	0.14	0.40	40.07	0.28	40.07	39.80	0.27	148.646		
200.00	200.00	200.20	199.80	0.49	0.49	0.40	40.07	0.28	40.07	39.08	0.99	40.618		
300.00	300.00	300.20	299.80	0.85	0.85	0.40	40.07	0.28	40.07	38.37	1.70	23.523		
400.00	400.00	400.20	399.80	1.21	1.21	0.40	40.07	0.28	40.07	37.65	2.42	16.555		
500.00	500.00	499.80	499.80	1.57	1.57	0.40	40.07	0.28	40.07	36.93	3.14	12.778	CC, ES	
600.00	600.00	598.84	598.82	1.93	1.92	-1.37	41.21	-0.99	41.23	37.38	3.85	10.717		
700.00	700.00	697.65	697.49	2.29	2.27	-6.13	44.62	-4.79	44.94	40.38	4.56	9.861		
800.00	799.98	796.03	795.50	2.63	2.63	107.51	50.28	-11.09	52.16	46.91	5.25	9.927		
900.00	899.84	893.79	892.55	2.97	3.00	105.23	58.12	-19.83	63.33	57.38	5.95	10.651		
1,000.00	999.45	991.17	988.78	3.32	3.38	104.64	68.08	-30.92	78.12	71.47	6.65	11.748		
1,100.00	1,098.70	1,089.76	1,086.04	3.69	3.79	105.80	78.85	-42.92	94.69	87.29	7.39	12.810		
1,200.00	1,197.68	1,188.20	1,183.15	4.07	4.20	107.85	89.60	-54.91	111.91	103.76	8.15	13.728		
1,300.00	1,296.65	1,286.63	1,280.26	4.46	4.61	109.39	100.35	-66.89	129.25	120.32	8.93	14.480		
1,400.00	1,395.63	1,385.07	1,377.37	4.86	5.04	110.56	111.11	-78.87	146.65	136.94	9.71	15.105		
1,500.00	1,494.60	1,483.50	1,474.48	5.27	5.46	111.49	121.86	-90.85	164.10	153.61	10.50	15.631		
1,600.00	1,593.58	1,581.93	1,571.59	5.67	5.89	112.23	132.61	-102.83	181.59	170.30	11.29	16.078		
1,700.00	1,692.55	1,680.37	1,668.70	6.09	6.32	112.85	143.36	-114.81	199.10	187.01	12.09	16.462		
1,800.00	1,791.53	1,778.80	1,765.81	6.50	6.75	113.37	154.12	-126.79	216.63	203.73	12.90	16.794		
1,900.00	1,890.50	1,877.24	1,862.92	6.92	7.18	113.80	164.87	-138.77	234.17	220.47	13.71	17.085		
2,000.00	1,989.48	1,975.67	1,960.03	7.34	7.62	114.18	175.62	-150.76	251.73	237.21	14.52	17.341		
2,100.00	2,088.45	2,074.11	2,057.13	7.76	8.05	114.51	186.38	-162.74	269.29	253.97	15.33	17.568		
2,200.00	2,187.43	2,172.54	2,154.24	8.19	8.49	114.80	197.13	-174.72	286.87	270.72	16.14	17.770		
2,300.00	2,286.40	2,270.98	2,251.35	8.61	8.92	115.05	207.88	-186.70	304.44	287.49	16.96	17.952		
2,400.00	2,385.38	2,369.41	2,348.46	9.04	9.36	115.28	218.63	-198.68	322.03	304.25	17.78	18.116		
2,500.00	2,484.35	2,467.84	2,445.57	9.46	9.80	115.48	229.39	-210.66	339.62	321.02	18.59	18.265		
2,600.00	2,583.32	2,566.28	2,542.68	9.89	10.24	115.67	240.14	-222.64	357.21	337.79	19.41	18.400		
2,700.00	2,682.30	2,664.71	2,639.79	10.32	10.67	115.83	250.89	-234.62	374.80	354.57	20.23	18.524		
2,800.00	2,781.27	2,763.15	2,736.90	10.75	11.11	115.98	261.65	-246.61	392.40	371.34	21.05	18.637		
2,900.00	2,880.25	2,861.58	2,834.01	11.18	11.55	116.12	272.40	-258.59	410.00	388.12	21.88	18.742		
3,000.00	2,979.22	2,960.02	2,931.12	11.61	11.99	116.25	283.15	-270.57	427.60	404.90	22.70	18.838		
3,100.00	3,078.20	3,058.45	3,028.22	12.04	12.43	116.37	293.90	-282.55	445.20	421.68	23.52	18.928		
3,200.00	3,177.17	3,156.89	3,125.33	12.47	12.87	116.47	304.66	-294.53	462.81	438.47	24.34	19.011		
3,300.00	3,276.15	3,255.32	3,222.44	12.90	13.31	116.57	315.41	-306.51	480.42	455.25	25.17	19.088		
3,400.00	3,375.12	3,353.75	3,319.55	13.33	13.75	116.67	326.16	-318.49	498.03	472.03	25.99	19.160		
3,500.00	3,474.10	3,452.19	3,416.66	13.76	14.19	116.75	336.92	-330.48	515.63	488.82	26.82	19.227		
3,600.00	3,573.07	3,550.62	3,513.77	14.19	14.63	116.84	347.67	-342.46	533.25	505.60	27.64	19.290		
3,700.00	3,672.05	3,649.06	3,610.88	14.62	15.08	116.91	358.42	-354.44	550.86	522.39	28.47	19.350		
3,800.00	3,771.02	3,747.49	3,707.99	15.05	15.52	116.98	369.18	-366.42	568.47	539.18	29.29	19.406		
3,900.00	3,870.00	3,845.93	3,805.10	15.49	15.96	117.05	379.93	-378.40	586.08	555.96	30.12	19.458		
4,000.00	3,968.97	3,944.36	3,902.21	15.92	16.40	117.11	390.68	-390.38	603.70	572.75	30.95	19.508		
4,100.00	4,067.94	4,042.80	3,999.31	16.35	16.84	117.17	401.43	-402.36	621.31	589.54	31.77	19.555		
4,200.00	4,166.92	4,141.23	4,096.42	16.78	17.28	117.23	412.19	-414.34	638.93	606.33	32.60	19.599		
4,300.00	4,265.89	4,239.66	4,193.53	17.22	17.72	117.28	422.94	-426.33	656.54	623.12	33.43	19.641		
4,400.00	4,364.87	4,338.10	4,290.64	17.65	18.17	117.33	433.69	-438.31	674.16	639.90	34.25	19.681		
4,500.00	4,463.84	4,436.53	4,387.75	18.08	18.61	117.38	444.45	-450.29	691.78	656.69	35.08	19.719		
4,600.00	4,562.82	4,534.97	4,484.86	18.51	19.05	117.42	455.20	-462.27	709.39	673.48	35.91	19.755		
4,700.00	4,661.79	4,633.40	4,581.97	18.95	19.49	117.47	465.95	-474.25	727.01	690.27	36.74	19.790		
4,800.00	4,760.77	4,731.84	4,679.08	19.38	19.93	117.51	476.70	-486.23	744.63	707.06	37.56	19.823		
4,900.00	4,859.74	4,830.27	4,776.19	19.81	20.37	117.55	487.46	-498.21	762.25	723.85	38.39	19.854		
5,000.00	4,958.72	4,928.71	4,873.30	20.25	20.82	117.58	498.21	-510.19	779.87	740.64	39.22	19.884		
5,100.00	5,057.69	5,027.14	4,970.40	20.68	21.26	117.62	508.96	-522.18	797.48	757.44	40.05	19.913		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,156.67	5,125.57	5,067.51	21.12	21.70	117.65	519.72	-534.16	815.10	774.23	40.88	19.940		
5,300.00	5,255.64	5,224.01	5,164.62	21.55	22.14	117.69	530.47	-546.14	832.72	791.02	41.71	19.966		
5,400.00	5,354.62	5,322.44	5,261.73	21.98	22.58	117.72	541.22	-558.12	850.34	807.81	42.53	19.992		
5,500.00	5,453.59	5,420.88	5,358.84	22.42	23.03	117.75	551.98	-570.10	867.96	824.60	43.36	20.016		
5,600.00	5,552.56	5,519.31	5,455.95	22.85	23.47	117.78	562.73	-582.08	885.58	841.39	44.19	20.039		
5,700.00	5,651.54	5,617.75	5,553.06	23.28	23.91	117.81	573.48	-594.06	903.20	858.18	45.02	20.062		
5,800.00	5,750.51	5,716.18	5,650.17	23.72	24.35	117.83	584.23	-606.04	920.82	874.97	45.85	20.083		
5,900.00	5,849.49	5,814.61	5,747.28	24.15	24.80	117.86	594.99	-618.03	938.45	891.77	46.68	20.104		
6,000.00	5,948.46	5,913.05	5,844.39	24.59	25.24	117.88	605.74	-630.01	956.07	908.56	47.51	20.124		
6,100.00	6,047.44	6,011.48	5,941.49	25.02	25.68	117.91	616.49	-641.99	973.69	925.35	48.34	20.143		
6,200.00	6,146.41	6,109.92	6,038.60	25.45	26.12	117.93	627.25	-653.97	991.31	942.14	49.17	20.162		
6,300.00	6,245.39	6,208.35	6,135.71	25.89	26.57	117.95	638.00	-665.95	1,008.93	958.93	50.00	20.180		
6,400.00	6,344.36	6,306.79	6,232.82	26.32	27.01	117.97	648.75	-677.93	1,026.55	975.73	50.83	20.197		
6,500.00	6,443.34	6,405.22	6,329.93	26.76	27.45	117.99	659.50	-689.91	1,044.17	992.52	51.66	20.214		
6,600.00	6,542.31	6,503.66	6,427.04	27.19	27.89	118.01	670.26	-701.89	1,061.80	1,009.31	52.49	20.230		
6,700.00	6,641.29	6,602.09	6,524.15	27.63	28.34	118.03	681.01	-713.88	1,079.42	1,026.10	53.32	20.245		
6,800.00	6,740.26	6,700.52	6,621.26	28.06	28.78	118.05	691.76	-725.86	1,097.04	1,042.89	54.15	20.261		
6,900.00	6,839.24	6,801.04	6,718.37	28.50	29.23	118.07	702.52	-737.84	1,114.66	1,059.68	54.99	20.272		
7,000.00	6,938.21	6,897.39	6,815.48	28.93	29.66	118.09	713.27	-749.82	1,132.28	1,076.48	55.81	20.289		
7,100.00	7,037.18	7,004.17	6,912.59	29.36	30.14	118.11	724.02	-761.80	1,149.91	1,093.24	56.67	20.291		
7,200.00	7,136.16	7,094.26	7,009.69	29.80	30.55	118.12	734.78	-773.78	1,167.53	1,110.06	57.47	20.316		
7,300.00	7,235.71	7,192.21	7,106.32	30.16	30.99	-145.35	745.47	-785.70	1,185.25	1,127.04	58.21	20.361		
7,400.00	7,334.44	7,290.19	7,203.28	30.38	31.40	-106.52	756.17	-794.13	1,203.10	1,144.31	58.79	20.464		
7,500.00	7,429.33	7,392.68	7,304.73	30.53	31.70	-98.53	767.16	-786.13	1,220.71	1,161.49	59.21	20.616		
7,600.00	7,517.51	7,500.16	7,407.83	30.60	31.90	-95.07	778.09	-758.40	1,237.50	1,177.99	59.51	20.794		
7,700.00	7,596.31	7,613.16	7,508.69	30.64	32.00	-93.10	788.52	-708.94	1,252.89	1,193.15	59.74	20.972		
7,800.00	7,663.31	7,731.92	7,602.16	30.67	32.02	-91.85	797.87	-636.63	1,266.28	1,206.30	59.98	21.111		
7,900.00	7,716.50	7,856.16	7,681.95	30.73	31.99	-91.02	805.46	-542.01	1,277.09	1,216.72	60.37	21.154		
8,000.00	7,754.25	7,984.96	7,741.30	30.89	31.98	-90.48	810.58	-428.12	1,284.80	1,223.73	61.07	21.038		
8,100.00	7,775.41	8,116.66	7,774.36	31.21	32.12	-90.14	812.67	-300.95	1,289.04	1,226.84	62.20	20.726		
8,200.00	7,780.00	8,236.47	7,780.00	31.71	32.54	-90.01	811.86	-181.42	1,289.83	1,226.16	63.67	20.258		
8,300.00	7,780.00	8,336.47	7,780.00	32.46	33.20	-90.01	810.67	-81.43	1,289.83	1,224.44	65.39	19.725		
8,400.00	7,780.00	8,436.47	7,780.00	33.45	34.15	-90.01	809.48	18.57	1,289.84	1,222.34	67.50	19.109		
8,500.00	7,780.00	8,536.47	7,780.00	34.65	35.34	-90.01	808.28	118.56	1,289.84	1,219.88	69.96	18.436		
8,600.00	7,780.00	8,636.47	7,780.00	36.03	36.72	-90.01	807.09	218.55	1,289.85	1,217.11	72.74	17.732		
8,700.00	7,780.00	8,736.47	7,780.00	37.56	38.25	-90.01	805.89	318.54	1,289.85	1,214.05	75.80	17.016		
8,800.00	7,780.00	8,836.47	7,780.00	39.22	39.92	-90.01	804.70	418.54	1,289.86	1,210.74	79.11	16.304		
8,900.00	7,780.00	8,936.47	7,780.00	40.99	41.69	-90.01	803.51	518.53	1,289.86	1,207.22	82.64	15.607		
9,000.00	7,780.00	9,036.47	7,780.00	42.86	43.56	-90.01	802.31	618.52	1,289.86	1,203.50	86.37	14.935		
9,100.00	7,780.00	9,136.47	7,780.00	44.82	45.51	-90.01	801.12	718.52	1,289.87	1,199.61	90.26	14.291		
9,200.00	7,780.00	9,236.47	7,780.00	46.84	47.54	-90.01	799.92	818.51	1,289.87	1,195.57	94.30	13.679		
9,300.00	7,780.00	9,336.47	7,780.00	48.94	49.62	-90.01	798.73	918.50	1,289.88	1,191.41	98.47	13.099		
9,400.00	7,780.00	9,436.47	7,780.00	51.09	51.77	-90.01	797.53	1,018.50	1,289.88	1,187.13	102.75	12.553		
9,500.00	7,780.00	9,536.47	7,780.00	53.29	53.96	-90.01	796.34	1,118.49	1,289.89	1,182.75	107.14	12.040		
9,600.00	7,780.00	9,636.47	7,780.00	55.53	56.20	-90.01	795.15	1,218.48	1,289.89	1,178.28	111.61	11.557		
9,700.00	7,780.00	9,736.47	7,780.00	57.81	58.47	-90.01	793.95	1,318.47	1,289.89	1,173.74	116.16	11.105		
9,800.00	7,780.00	9,836.47	7,780.00	60.13	60.78	-90.01	792.76	1,418.47	1,289.90	1,169.12	120.78	10.680		
9,900.00	7,780.00	9,936.47	7,780.00	62.48	63.12	-90.01	791.56	1,518.46	1,289.90	1,164.44	125.46	10.281		
10,000.00	7,780.00	10,036.47	7,780.00	64.85	65.48	-90.01	790.37	1,618.45	1,289.91	1,159.71	130.20	9.907		
10,100.00	7,780.00	10,136.47	7,780.00	67.25	67.87	-90.01	789.18	1,718.45	1,289.91	1,154.93	134.98	9.556		
10,200.00	7,780.00	10,236.47	7,780.00	69.67	70.29	-90.01	787.98	1,818.44	1,289.92	1,150.10	139.81	9.226		
10,300.00	7,780.00	10,336.47	7,780.00	72.11	72.72	-90.01	786.79	1,918.43	1,289.92	1,145.24	144.68	8.916		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	10,436.47	7,780.00	74.56	75.17	-90.01	785.59	2,018.42	1,289.92	1,140.34	149.59	8.623		
10,500.00	7,780.00	10,536.47	7,780.00	77.04	77.63	-90.01	784.40	2,118.42	1,289.93	1,135.40	154.53	8.348		
10,600.00	7,780.00	10,636.47	7,780.00	79.52	80.11	-90.01	783.21	2,218.41	1,289.93	1,130.44	159.49	8.088		
10,700.00	7,780.00	10,736.47	7,780.00	82.02	82.61	-90.01	782.01	2,318.40	1,289.94	1,125.45	164.49	7.842		
10,800.00	7,780.00	10,836.47	7,780.00	84.54	85.11	-90.01	780.82	2,418.40	1,289.94	1,120.44	169.51	7.610		
10,900.00	7,780.00	10,936.47	7,780.00	87.06	87.63	-90.01	779.62	2,518.39	1,289.95	1,115.40	174.55	7.390		
11,000.00	7,780.00	11,036.47	7,780.00	89.59	90.16	-90.01	778.43	2,618.38	1,289.95	1,110.34	179.61	7.182		
11,100.00	7,780.00	11,136.47	7,780.00	92.14	92.69	-90.01	777.24	2,718.37	1,289.95	1,105.27	184.69	6.984		
11,200.00	7,780.00	11,236.47	7,780.00	94.69	95.24	-90.01	776.04	2,818.37	1,289.96	1,100.17	189.79	6.797		
11,300.00	7,780.00	11,336.47	7,780.00	97.24	97.79	-90.01	774.85	2,918.36	1,289.96	1,095.06	194.90	6.619		
11,400.00	7,780.00	11,436.47	7,780.00	99.81	100.35	-90.01	773.65	3,018.35	1,289.97	1,089.94	200.03	6.449		
11,500.00	7,780.00	11,536.47	7,780.00	102.38	102.92	-90.01	772.46	3,118.35	1,289.97	1,084.80	205.17	6.287		
11,600.00	7,780.00	11,636.47	7,780.00	104.96	105.50	-90.01	771.27	3,218.34	1,289.98	1,079.65	210.32	6.133		
11,700.00	7,780.00	11,736.47	7,780.00	107.55	108.07	-90.01	770.07	3,318.33	1,289.98	1,074.49	215.49	5.986		
11,800.00	7,780.00	11,836.47	7,780.00	110.14	110.66	-90.01	768.88	3,418.32	1,289.98	1,069.32	220.66	5.846		
11,900.00	7,780.00	11,936.47	7,780.00	112.73	113.25	-90.01	767.68	3,518.32	1,289.99	1,064.14	225.85	5.712		
12,000.00	7,780.00	12,036.47	7,780.00	115.33	115.85	-90.01	766.49	3,618.31	1,289.99	1,058.95	231.05	5.583		
12,100.00	7,780.00	12,136.47	7,780.00	117.93	118.45	-90.01	765.30	3,718.30	1,290.00	1,053.74	236.25	5.460		
12,200.00	7,780.00	12,236.47	7,780.00	120.54	121.05	-90.01	764.10	3,818.30	1,290.00	1,048.54	241.47	5.342		
12,300.00	7,780.00	12,336.47	7,780.00	123.15	123.66	-90.01	762.91	3,918.29	1,290.01	1,043.32	246.69	5.229		
12,400.00	7,780.00	12,436.47	7,780.00	125.77	126.27	-90.01	761.71	4,018.28	1,290.01	1,038.10	251.91	5.121		
12,500.00	7,780.00	12,536.47	7,780.00	128.39	128.88	-90.01	760.52	4,118.27	1,290.01	1,032.87	257.15	5.017		
12,600.00	7,780.00	12,636.47	7,780.00	131.01	131.50	-90.01	759.33	4,218.27	1,290.02	1,027.63	262.39	4.916		
12,700.00	7,780.00	12,736.47	7,780.00	133.63	134.12	-90.01	758.13	4,318.26	1,290.02	1,022.39	267.64	4.820		
12,800.00	7,780.00	12,836.47	7,780.00	136.26	136.75	-90.01	756.94	4,418.25	1,290.03	1,017.14	272.89	4.727		
12,900.00	7,780.00	12,936.47	7,780.00	138.89	139.37	-90.01	755.74	4,518.25	1,290.03	1,011.88	278.15	4.638		
13,000.00	7,780.00	13,036.47	7,780.00	141.52	142.00	-90.01	754.55	4,618.24	1,290.04	1,006.62	283.41	4.552		
13,100.00	7,780.00	13,136.47	7,780.00	144.16	144.64	-90.01	753.36	4,718.23	1,290.04	1,001.36	288.68	4.469		
13,200.00	7,780.00	13,236.47	7,780.00	146.79	147.27	-90.01	752.16	4,818.22	1,290.04	996.09	293.95	4.389		
13,300.00	7,780.00	13,336.47	7,780.00	149.43	149.91	-90.01	750.97	4,918.22	1,290.05	990.82	299.23	4.311		
13,400.00	7,780.00	13,436.47	7,780.00	152.07	152.55	-90.01	749.77	5,018.21	1,290.05	985.54	304.51	4.236		
13,500.00	7,780.00	13,536.47	7,780.00	154.72	155.19	-90.01	748.58	5,118.20	1,290.06	980.26	309.79	4.164		
13,600.00	7,780.00	13,636.47	7,780.00	157.36	157.83	-90.01	747.39	5,218.20	1,290.06	974.98	315.08	4.094		
13,700.00	7,780.00	13,736.47	7,780.00	160.01	160.47	-90.01	746.19	5,318.19	1,290.07	969.69	320.38	4.027		
13,800.00	7,780.00	13,836.47	7,780.00	162.66	163.12	-90.01	745.00	5,418.18	1,290.07	964.40	325.67	3.961		
13,900.00	7,780.00	13,936.47	7,780.00	165.31	165.77	-90.01	743.80	5,518.17	1,290.07	959.11	330.97	3.898		
14,000.00	7,780.00	14,036.47	7,780.00	167.96	168.41	-90.01	742.61	5,618.17	1,290.08	953.81	336.27	3.836		
14,100.00	7,780.00	14,136.47	7,780.00	170.61	171.06	-90.01	741.42	5,718.16	1,290.08	948.51	341.57	3.777		
14,200.00	7,780.00	14,236.47	7,780.00	173.26	173.72	-90.01	740.22	5,818.15	1,290.09	943.21	346.88	3.719		
14,300.00	7,780.00	14,336.47	7,780.00	175.92	176.37	-90.01	739.03	5,918.15	1,290.09	937.90	352.19	3.663		
14,400.00	7,780.00	14,436.47	7,780.00	178.58	179.02	-90.01	737.83	6,018.14	1,290.10	932.59	357.50	3.609		
14,500.00	7,780.00	14,536.47	7,780.00	181.23	181.68	-90.01	736.64	6,118.13	1,290.10	927.28	362.82	3.556		
14,600.00	7,780.00	14,636.47	7,780.00	183.89	184.34	-90.01	735.45	6,218.12	1,290.10	921.97	368.13	3.504		
14,700.00	7,780.00	14,736.47	7,780.00	186.55	186.99	-90.01	734.25	6,318.12	1,290.11	916.66	373.45	3.455		
14,800.00	7,780.00	14,836.47	7,780.00	189.21	189.65	-90.01	733.06	6,418.11	1,290.11	911.34	378.77	3.406		
14,900.00	7,780.00	14,936.47	7,780.00	191.88	192.31	-90.01	731.86	6,518.10	1,290.12	906.02	384.10	3.359		
15,000.00	7,780.00	15,036.47	7,780.00	194.54	194.97	-90.01	730.67	6,618.10	1,290.12	900.70	389.42	3.313		
15,100.00	7,780.00	15,136.47	7,780.00	197.20	197.64	-90.01	729.48	6,718.09	1,290.13	895.38	394.75	3.268		
15,200.00	7,780.00	15,236.47	7,780.00	199.87	200.30	-90.01	728.28	6,818.08	1,290.13	890.05	400.08	3.225		
15,300.00	7,780.00	15,336.47	7,780.00	202.53	202.96	-90.01	727.09	6,918.07	1,290.13	884.73	405.41	3.182		
15,400.00	7,780.00	15,436.47	7,780.00	205.20	205.63	-90.01	725.89	7,018.07	1,290.14	879.40	410.74	3.141		
15,500.00	7,780.00	15,536.47	7,780.00	207.86	208.29	-90.01	724.70	7,118.06	1,290.14	874.07	416.07	3.101		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,636.47	7,780.00	210.53	210.96	-90.01	723.51	7,218.05	1,290.15	868.74	421.40	3.062		
15,700.00	7,780.00	15,736.47	7,780.00	213.20	213.63	-90.01	722.31	7,318.05	1,290.15	863.41	426.74	3.023		
15,800.00	7,780.00	15,879.16	7,780.00	215.87	217.43	-90.01	719.04	7,460.69	1,289.85	856.92	432.92	2.979		
15,873.60	7,780.00	15,968.65	7,780.00	217.84	219.82	-90.01	714.13	7,550.05	1,289.02	851.96	437.06	2.949		
15,900.00	7,780.00	15,995.05	7,780.00	218.54	220.53	-90.01	712.61	7,576.41	1,289.14	850.67	438.47	2.940		
16,000.00	7,780.00	16,104.98	7,780.00	221.22	223.46	-90.01	706.88	7,676.21	1,291.38	847.29	444.09	2.908		
16,100.00	7,780.00	16,205.01	7,780.00	223.89	226.14	-90.01	701.15	7,776.01	1,294.07	844.62	449.45	2.879		
16,200.00	7,780.00	16,305.05	7,780.00	226.57	228.81	-90.01	695.42	7,875.81	1,296.75	841.95	454.80	2.851		
16,300.00	7,780.00	16,405.08	7,780.00	229.24	231.48	-90.01	689.69	7,975.61	1,299.43	839.27	460.16	2.824		
16,400.00	7,780.00	16,505.12	7,780.00	231.92	234.16	-90.01	683.96	8,075.41	1,302.12	836.60	465.52	2.797		
16,500.00	7,780.00	16,594.84	7,780.00	234.60	236.56	-90.01	678.23	8,175.21	1,304.80	834.19	470.61	2.773		
16,600.00	7,780.00	16,705.19	7,780.00	237.28	239.51	-90.01	672.50	8,275.01	1,307.48	831.24	476.24	2.745		
16,700.00	7,780.00	16,805.23	7,780.00	239.96	242.19	-90.01	666.76	8,374.81	1,310.17	828.56	481.61	2.720		
16,800.00	7,780.00	16,905.26	7,780.00	242.64	244.86	-90.01	661.03	8,474.61	1,312.85	825.88	486.97	2.696		
16,900.00	7,780.00	17,005.30	7,780.00	245.32	247.54	-90.01	655.30	8,574.41	1,315.53	823.20	492.34	2.672		
17,000.00	7,780.00	17,105.34	7,780.00	248.00	250.22	-90.01	649.57	8,674.21	1,318.22	820.52	497.70	2.649		
17,100.00	7,780.00	17,205.37	7,780.00	250.68	252.90	-90.01	643.84	8,774.01	1,320.90	817.83	503.07	2.626		
17,200.00	7,780.00	17,294.59	7,780.00	253.36	255.29	-90.01	638.11	8,873.81	1,323.58	815.44	508.15	2.605		
17,300.00	7,780.00	17,394.56	7,780.00	256.04	257.96	-90.01	632.38	8,973.61	1,326.27	812.75	513.51	2.583		
17,400.00	7,780.00	17,505.48	7,780.00	258.72	260.94	-90.01	626.65	9,073.41	1,328.95	809.78	519.17	2.560		
17,500.00	7,780.00	17,605.52	7,780.00	261.41	263.62	-90.01	620.92	9,173.21	1,331.63	807.09	524.54	2.539		
17,600.00	7,780.00	17,705.55	7,780.00	264.09	266.30	-90.01	615.19	9,273.01	1,334.32	804.40	529.91	2.518		
17,700.00	7,780.00	17,805.59	7,780.00	266.77	268.98	-90.01	609.45	9,372.81	1,337.00	801.71	535.29	2.498		
17,800.00	7,780.00	17,905.62	7,780.00	269.46	271.66	-90.01	603.72	9,472.61	1,339.68	799.03	540.66	2.478		
17,900.00	7,780.00	18,005.66	7,780.00	272.14	274.34	-90.01	597.99	9,572.41	1,342.37	796.34	546.03	2.458		
18,000.00	7,780.00	18,105.70	7,780.00	274.83	277.03	-90.01	592.26	9,672.21	1,345.05	793.65	551.41	2.439		
18,100.00	7,780.00	18,194.27	7,780.00	277.51	279.40	-90.01	586.53	9,772.01	1,347.73	791.26	556.47	2.422		
18,200.00	7,780.00	18,305.77	7,780.00	280.20	282.39	-90.01	580.80	9,871.81	1,350.42	788.26	562.15	2.402		
18,300.00	7,780.00	18,405.80	7,780.00	282.89	285.08	-90.01	575.07	9,971.60	1,353.10	785.57	567.53	2.384		
18,400.00	7,780.00	18,494.16	7,780.00	285.57	287.45	-90.01	569.34	10,071.40	1,355.78	783.19	572.59	2.368		
18,500.00	7,780.00	18,605.88	7,780.00	288.26	290.45	-90.01	563.61	10,171.20	1,358.47	780.18	578.28	2.349		
18,600.00	7,780.00	18,705.91	7,780.00	290.95	293.13	-90.01	557.88	10,271.00	1,361.15	777.49	583.66	2.332		
18,700.00	7,780.00	18,794.05	7,780.00	293.64	295.50	-90.01	552.14	10,370.80	1,363.83	775.11	588.72	2.317		
18,800.00	7,780.00	18,905.98	7,780.00	296.32	298.50	-90.01	546.41	10,470.60	1,366.52	772.10	594.42	2.299		
18,900.00	7,780.00	19,006.02	7,780.00	299.01	301.19	-90.01	540.68	10,570.40	1,369.20	769.40	599.80	2.283		
19,000.00	7,780.00	19,106.06	7,780.00	301.70	303.88	-90.01	534.95	10,670.20	1,371.88	766.71	605.18	2.267		
19,100.00	7,780.00	19,206.09	7,780.00	304.39	306.56	-90.01	529.22	10,770.00	1,374.57	764.01	610.56	2.251		
19,200.00	7,780.00	19,306.13	7,780.00	307.08	309.25	-90.01	523.49	10,869.80	1,377.25	761.31	615.94	2.236		
19,300.00	7,780.00	19,406.16	7,780.00	309.77	311.94	-90.01	517.76	10,969.60	1,379.94	758.62	621.32	2.221		
19,400.00	7,780.00	19,506.20	7,780.00	312.46	314.63	-90.01	512.03	11,069.40	1,382.62	755.92	626.70	2.206		
19,500.00	7,780.00	19,606.24	7,780.00	315.15	317.31	-90.01	506.30	11,169.20	1,385.30	753.22	632.08	2.192		
19,600.00	7,780.00	19,706.27	7,780.00	317.84	320.00	-90.01	500.57	11,269.00	1,387.99	750.52	637.47	2.177		
19,700.00	7,780.00	19,806.31	7,780.00	320.53	322.69	-90.01	494.84	11,368.80	1,390.67	747.82	642.85	2.163		
19,800.00	7,780.00	19,906.34	7,780.00	323.22	325.38	-90.01	489.10	11,468.60	1,393.35	745.12	648.23	2.149		
19,900.00	7,780.00	20,006.38	7,780.00	325.91	328.07	-90.01	483.37	11,568.40	1,396.04	742.42	653.62	2.136		
20,000.00	7,780.00	20,106.42	7,780.00	328.60	330.76	-90.01	477.64	11,668.20	1,398.72	739.72	659.00	2.122		
20,100.00	7,780.00	20,206.45	7,780.00	331.30	333.45	-90.01	471.91	11,768.00	1,401.40	737.02	664.39	2.109		
20,200.00	7,780.00	20,293.51	7,780.00	333.99	335.79	-90.01	466.18	11,867.80	1,404.09	734.66	669.42	2.097		
20,300.00	7,780.00	20,406.52	7,780.00	336.68	338.83	-90.01	460.45	11,967.60	1,406.77	731.61	675.16	2.084		
20,400.00	7,780.00	20,506.56	7,780.00	339.37	341.52	-90.01	454.72	12,067.40	1,409.45	728.91	680.54	2.071		
20,500.00	7,780.00	20,606.60	7,780.00	342.07	344.21	-90.01	448.99	12,167.20	1,412.14	726.21	685.93	2.059		
20,600.00	7,780.00	20,706.63	7,780.00	344.76	346.90	-90.01	443.26	12,266.99	1,414.82	723.51	691.31	2.047		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
20,700.00	7,780.00	20,793.33	7,780.00	347.45	349.23	-90.01	437.53	12,366.79	1,417.50	721.16	696.34	2.036		
20,800.00	7,780.00	20,906.70	7,780.00	350.14	352.28	-90.01	431.79	12,466.59	1,420.19	718.10	702.09	2.023		
20,900.00	7,780.00	21,006.74	7,780.00	352.84	354.97	-90.01	426.06	12,566.39	1,422.87	715.39	707.48	2.011		
21,000.00	7,780.00	21,106.78	7,780.00	355.53	357.66	-90.01	420.33	12,666.19	1,425.55	712.69	712.86	2.000		
21,100.00	7,780.00	21,206.81	7,780.00	358.22	360.35	-90.01	414.60	12,765.99	1,428.24	709.98	718.25	1.988		
21,200.00	7,780.00	21,306.85	7,780.00	360.92	363.04	-90.01	408.87	12,865.79	1,430.92	707.28	723.64	1.977		
21,300.00	7,780.00	21,406.88	7,780.00	363.61	365.74	-90.01	403.14	12,965.59	1,433.60	704.57	729.03	1.966		
21,400.00	7,780.00	21,493.08	7,780.00	366.31	368.06	-90.01	397.41	13,065.39	1,436.29	702.24	734.04	1.957		
21,500.00	7,780.00	21,606.96	7,780.00	369.00	371.12	-90.01	391.68	13,165.19	1,438.97	699.16	739.81	1.945		
21,600.00	7,780.00	21,706.99	7,780.00	371.70	373.81	-90.01	385.95	13,264.99	1,441.65	696.46	745.20	1.935		
21,700.00	7,780.00	21,807.03	7,780.00	374.39	376.51	-90.01	380.22	13,364.79	1,444.34	693.75	750.59	1.924		
21,800.00	7,780.00	21,907.06	7,780.00	377.09	379.20	-90.01	374.48	13,464.59	1,447.02	691.04	755.98	1.914		
21,900.00	7,780.00	22,007.10	7,780.00	379.78	381.89	-90.01	368.75	13,564.39	1,449.70	688.34	761.37	1.904		
22,000.00	7,780.00	22,107.14	7,780.00	382.48	384.58	-90.01	363.02	13,664.19	1,452.39	685.63	766.76	1.894		
22,100.00	7,780.00	22,207.17	7,780.00	385.17	387.28	-90.01	357.29	13,763.99	1,455.07	682.92	772.15	1.884		
22,200.00	7,780.00	22,307.21	7,780.00	387.87	389.97	-90.01	351.56	13,863.79	1,457.75	680.21	777.54	1.875		
22,300.00	7,780.00	22,407.24	7,780.00	390.56	392.66	-90.01	345.83	13,963.59	1,460.44	677.51	782.93	1.865		
22,400.00	7,780.00	22,492.72	7,780.00	393.26	394.97	-90.01	340.10	14,063.39	1,463.12	675.19	787.93	1.857		
22,500.00	7,780.00	22,607.32	7,780.00	395.95	398.05	-90.01	334.37	14,163.19	1,465.80	672.09	793.71	1.847		
22,600.00	7,780.00	22,707.35	7,780.00	398.65	400.75	-90.01	328.64	14,262.99	1,468.49	669.38	799.11	1.838		
22,700.00	7,780.00	22,807.39	7,780.00	401.35	403.44	-90.01	322.91	14,362.79	1,471.17	666.67	804.50	1.829		
22,800.00	7,780.00	22,907.42	7,780.00	404.04	406.13	-90.01	317.17	14,462.59	1,473.85	663.96	809.89	1.820		
22,900.00	7,780.00	23,007.46	7,780.00	406.74	408.83	-90.01	311.44	14,562.39	1,476.54	661.25	815.28	1.811		
23,000.00	7,780.00	23,107.50	7,780.00	409.43	411.52	-90.01	305.71	14,662.18	1,479.22	658.54	820.68	1.802		
23,100.00	7,780.00	23,207.53	7,780.00	412.13	414.22	-90.01	299.98	14,761.98	1,481.90	655.83	826.07	1.794		
23,200.00	7,780.00	23,307.57	7,780.00	414.83	416.91	-90.01	294.25	14,861.78	1,484.59	653.12	831.46	1.786		
23,300.00	7,780.00	23,407.60	7,780.00	417.52	419.61	-90.01	288.52	14,961.58	1,487.27	650.41	836.86	1.777		
23,400.00	7,780.00	23,507.64	7,780.00	420.22	422.30	-90.01	282.79	15,061.38	1,489.95	647.70	842.25	1.769		
23,500.00	7,780.00	23,592.32	7,780.00	422.92	424.58	-90.01	277.06	15,161.18	1,492.64	645.41	847.23	1.762		
23,600.00	7,780.00	23,675.42	7,780.00	425.62	426.82	-90.01	272.29	15,244.15	1,495.42	643.12	852.29	1.755 SF		
23,669.75	7,780.00	23,675.42	7,780.00	427.50	426.82	-90.01	272.29	15,244.15	1,499.70	646.15	853.55	1.757		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.10	-0.10	0.00	0.00	0.80	20.04	0.28	20.04					
100.00	100.00	100.10	99.90	0.13	0.13	0.80	20.04	0.28	20.04	19.77	0.27	74.443		
200.00	200.00	200.10	199.90	0.49	0.49	0.80	20.04	0.28	20.04	19.05	0.99	20.322		
300.00	300.00	300.10	299.90	0.85	0.85	0.80	20.04	0.28	20.04	18.34	1.70	11.767		
400.00	400.00	400.10	399.90	1.21	1.21	0.80	20.04	0.28	20.04	17.62	2.42	8.281		
500.00	500.00	500.10	499.90	1.57	1.57	0.80	20.04	0.28	20.04	16.90	3.14	6.389		
600.00	600.00	599.90	599.90	1.93	1.93	0.80	20.04	0.28	20.04	16.19	3.85	5.201 CC		
700.00	700.00	699.73	699.71	2.29	2.28	-3.98	20.39	-1.42	20.44	15.88	4.56	4.479		
800.00	799.98	799.39	799.23	2.63	2.63	105.61	21.44	-6.51	22.83	17.57	5.26	4.341		
900.00	899.84	898.81	898.27	2.97	2.99	99.62	23.19	-14.97	27.96	22.01	5.95	4.697		
1,000.00	999.45	1,001.80	996.95	3.32	3.37	96.80	25.58	-26.50	35.44	28.76	6.68	5.305		
1,100.00	1,098.70	1,102.17	1,095.81	3.69	3.76	98.80	28.10	-38.68	43.73	36.31	7.43	5.888		
1,200.00	1,197.68	1,202.60	1,194.60	4.07	4.15	102.50	30.61	-50.84	52.48	44.28	8.20	6.402		
1,300.00	1,296.65	1,303.03	1,293.39	4.46	4.55	105.18	33.13	-63.00	61.39	52.41	8.98	6.836		
1,400.00	1,395.63	1,403.46	1,392.18	4.86	4.94	107.17	35.64	-75.16	70.40	60.62	9.77	7.204		
1,500.00	1,494.60	1,496.11	1,490.97	5.27	5.32	108.71	38.16	-87.32	79.47	68.93	10.54	7.541		
1,600.00	1,593.58	1,604.33	1,589.76	5.67	5.75	109.93	40.67	-99.48	88.59	77.21	11.37	7.790		
1,700.00	1,692.55	1,704.76	1,688.55	6.09	6.16	110.92	43.19	-111.64	97.74	85.56	12.18	8.024		
1,800.00	1,791.53	1,805.19	1,787.34	6.50	6.57	111.75	45.71	-123.80	106.91	93.92	12.99	8.230		
1,900.00	1,890.50	1,905.62	1,886.13	6.92	6.98	112.44	48.22	-135.97	116.10	102.30	13.80	8.411		
2,000.00	1,989.48	2,006.06	1,984.92	7.34	7.39	113.03	50.74	-148.13	125.31	110.69	14.62	8.571		
2,100.00	2,088.45	2,106.49	2,083.71	7.76	7.80	113.54	53.25	-160.29	134.53	119.09	15.44	8.714		
2,200.00	2,187.43	2,206.92	2,182.50	8.19	8.21	113.99	55.77	-172.45	143.76	127.50	16.26	8.843		
2,300.00	2,286.40	2,307.35	2,281.29	8.61	8.62	114.38	58.28	-184.61	152.99	135.91	17.08	8.958		
2,400.00	2,385.38	2,407.79	2,380.08	9.04	9.03	114.73	60.80	-196.77	162.23	144.33	17.90	9.063		
2,500.00	2,484.35	2,508.22	2,478.87	9.46	9.45	115.04	63.31	-208.93	171.48	152.76	18.72	9.159		
2,600.00	2,583.32	2,608.65	2,577.66	9.89	9.86	115.31	65.83	-221.09	180.73	161.18	19.55	9.246		
2,700.00	2,682.30	2,709.08	2,676.45	10.32	10.27	115.57	68.35	-233.26	189.99	169.61	20.37	9.326		
2,800.00	2,781.27	2,809.52	2,775.24	10.75	10.69	115.79	70.86	-245.42	199.24	178.05	21.20	9.399		
2,900.00	2,880.25	2,909.95	2,874.03	11.18	11.10	116.00	73.38	-257.58	208.51	186.48	22.02	9.467		
3,000.00	2,979.22	2,989.62	2,972.82	11.61	11.43	116.19	75.89	-269.74	217.77	195.00	22.77	9.566		
3,100.00	3,078.20	3,089.19	3,071.61	12.04	11.84	116.36	78.41	-281.90	227.04	203.45	23.59	9.625		
3,200.00	3,177.17	3,188.75	3,170.40	12.47	12.25	116.52	80.92	-294.06	236.30	211.89	24.41	9.680		
3,300.00	3,276.15	3,288.32	3,269.19	12.90	12.66	116.67	83.44	-306.22	245.57	220.34	25.24	9.731		
3,400.00	3,375.12	3,387.89	3,367.98	13.33	13.08	116.81	85.95	-318.39	254.84	228.78	26.06	9.778		
3,500.00	3,474.10	3,487.46	3,466.77	13.76	13.49	116.94	88.47	-330.55	264.12	237.23	26.89	9.823		
3,600.00	3,573.07	3,587.02	3,565.56	14.19	13.90	117.06	90.98	-342.71	273.39	245.68	27.71	9.865		
3,700.00	3,672.05	3,686.59	3,664.35	14.62	14.31	117.17	93.50	-354.87	282.66	254.13	28.54	9.905		
3,800.00	3,771.02	3,786.16	3,763.14	15.05	14.72	117.27	96.02	-367.03	291.94	262.58	29.36	9.942		
3,900.00	3,870.00	3,885.73	3,861.93	15.49	15.14	117.37	98.53	-379.19	301.22	271.03	30.19	9.977		
4,000.00	3,968.97	3,985.29	3,960.72	15.92	15.55	117.46	101.05	-391.35	310.49	279.48	31.02	10.010		
4,100.00	4,067.94	4,084.86	4,059.51	16.35	15.96	117.55	103.56	-403.51	319.77	287.93	31.84	10.042		
4,200.00	4,166.92	4,184.43	4,158.30	16.78	16.37	117.63	106.08	-415.68	329.05	296.38	32.67	10.072		
4,300.00	4,265.89	4,284.00	4,257.09	17.22	16.79	117.71	108.59	-427.84	338.33	304.83	33.50	10.100		
4,400.00	4,364.87	4,383.56	4,355.88	17.65	17.20	117.78	111.11	-440.00	347.61	313.29	34.32	10.127		
4,500.00	4,463.84	4,483.13	4,454.67	18.08	17.61	117.85	113.62	-452.16	356.89	321.74	35.15	10.153		
4,600.00	4,562.82	4,582.70	4,553.46	18.51	18.02	117.92	116.14	-464.32	366.17	330.19	35.98	10.177		
4,700.00	4,661.79	4,682.27	4,652.25	18.95	18.44	117.98	118.66	-476.48	375.45	338.65	36.81	10.201		
4,800.00	4,760.77	4,781.83	4,751.04	19.38	18.85	118.04	121.17	-488.64	384.74	347.10	37.63	10.223		
4,900.00	4,859.74	4,881.40	4,849.83	19.81	19.26	118.10	123.69	-500.80	394.02	355.56	38.46	10.244		
5,000.00	4,958.72	4,980.97	4,948.62	20.25	19.68	118.15	126.20	-512.97	403.30	364.01	39.29	10.265		
5,100.00	5,057.69	5,080.54	5,047.41	20.68	20.09	118.20	128.72	-525.13	412.58	372.47	40.12	10.284		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,156.67	5,180.10	5,146.20	21.12	20.50	118.25	131.23	-537.29	421.87	380.92	40.95	10.303		
5,300.00	5,255.64	5,279.67	5,244.99	21.55	20.92	118.30	133.75	-549.45	431.15	389.38	41.77	10.321		
5,400.00	5,354.62	5,379.24	5,343.78	21.98	21.33	118.34	136.26	-561.61	440.43	397.83	42.60	10.338		
5,500.00	5,453.59	5,478.81	5,442.57	22.42	21.74	118.39	138.78	-573.77	449.72	406.29	43.43	10.355		
5,600.00	5,552.56	5,578.37	5,541.36	22.85	22.15	118.43	141.29	-585.93	459.00	414.74	44.26	10.371		
5,700.00	5,651.54	5,677.94	5,640.15	23.28	22.57	118.47	143.81	-598.10	468.29	423.20	45.09	10.386		
5,800.00	5,750.51	5,777.51	5,738.94	23.72	22.98	118.51	146.33	-610.26	477.57	431.66	45.92	10.401		
5,900.00	5,849.49	5,877.08	5,837.73	24.15	23.39	118.55	148.84	-622.42	486.86	440.11	46.75	10.415		
6,000.00	5,948.46	5,976.64	5,936.52	24.59	23.81	118.58	151.36	-634.58	496.14	448.57	47.57	10.429		
6,100.00	6,047.44	6,076.21	6,035.31	25.02	24.22	118.62	153.87	-646.74	505.43	457.03	48.40	10.442		
6,200.00	6,146.41	6,175.78	6,134.10	25.45	24.63	118.65	156.39	-658.90	514.71	465.48	49.23	10.455		
6,300.00	6,245.39	6,275.35	6,232.89	25.89	25.05	118.68	158.90	-671.06	524.00	473.94	50.06	10.467		
6,400.00	6,344.36	6,374.91	6,331.68	26.32	25.46	118.71	161.42	-683.22	533.29	482.40	50.89	10.479		
6,500.00	6,443.34	6,474.48	6,430.47	26.76	25.88	118.74	163.93	-695.39	542.57	490.85	51.72	10.491		
6,600.00	6,542.31	6,574.05	6,529.26	27.19	26.29	118.77	166.45	-707.55	551.86	499.31	52.55	10.502		
6,700.00	6,641.29	6,673.62	6,628.05	27.63	26.70	118.80	168.97	-719.71	561.14	507.77	53.38	10.513		
6,800.00	6,740.26	6,773.18	6,726.84	28.06	27.12	118.82	171.48	-731.87	570.43	516.23	54.21	10.523		
6,900.00	6,839.24	6,872.75	6,825.63	28.50	27.53	118.85	174.00	-744.03	579.72	524.68	55.04	10.534		
7,000.00	6,938.21	6,972.32	6,924.42	28.93	27.94	118.88	176.51	-756.19	589.00	533.14	55.86	10.543		
7,100.00	7,037.18	7,071.89	7,023.21	29.36	28.36	118.90	179.03	-768.35	598.29	541.60	56.69	10.553		
7,200.00	7,136.16	7,171.45	7,122.00	29.80	28.77	118.92	181.54	-780.51	607.58	550.06	57.52	10.562		
7,300.00	7,235.71	7,270.64	7,220.43	30.16	29.18	-145.76	184.05	-792.47	616.92	558.61	58.30	10.581		
7,400.00	7,334.44	7,371.10	7,320.72	30.38	29.50	-108.08	186.47	-793.61	626.44	567.54	58.90	10.635		
7,500.00	7,429.33	7,474.30	7,422.34	30.53	29.72	-101.12	188.70	-776.54	635.92	576.61	59.31	10.722		
7,600.00	7,517.51	7,580.39	7,521.88	30.60	29.86	-98.57	190.66	-740.31	645.03	585.46	59.57	10.829		
7,700.00	7,596.31	7,689.42	7,615.42	30.64	29.95	-97.39	192.24	-684.65	653.41	593.68	59.73	10.940		
7,800.00	7,663.31	7,801.24	7,698.64	30.67	30.04	-96.77	193.35	-610.25	660.71	600.82	59.88	11.034		
7,900.00	7,716.50	7,915.52	7,767.15	30.73	30.21	-96.42	193.90	-519.01	666.59	606.42	60.18	11.077		
8,000.00	7,754.25	8,031.71	7,816.87	30.89	30.54	-96.21	193.84	-414.21	670.79	610.02	60.77	11.039		
8,100.00	7,775.41	8,149.09	7,844.64	31.21	31.10	-96.06	193.15	-300.38	673.10	611.34	61.76	10.899		
8,200.00	7,780.00	8,260.90	7,850.00	31.71	31.84	-95.97	191.95	-188.82	673.53	610.39	63.14	10.668		
8,300.00	7,780.00	8,360.90	7,850.00	32.46	32.71	-95.97	190.75	-88.83	673.53	608.67	64.86	10.385		
8,400.00	7,780.00	8,460.90	7,850.00	33.45	33.76	-95.97	189.56	11.16	673.53	606.58	66.95	10.060		
8,500.00	7,780.00	8,560.90	7,850.00	34.65	34.99	-95.97	188.36	111.16	673.54	604.14	69.40	9.705		
8,600.00	7,780.00	8,660.90	7,850.00	36.03	36.37	-95.97	187.17	211.15	673.54	601.38	72.17	9.333		
8,700.00	7,780.00	8,760.90	7,850.00	37.56	37.90	-95.97	185.98	311.14	673.55	598.33	75.21	8.955		
8,800.00	7,780.00	8,860.90	7,850.00	39.22	39.56	-95.97	184.78	411.13	673.55	595.04	78.51	8.579		
8,900.00	7,780.00	8,960.90	7,850.00	40.99	41.32	-95.97	183.59	511.13	673.56	591.53	82.02	8.212		
9,000.00	7,780.00	9,060.90	7,850.00	42.86	43.18	-95.97	182.39	611.12	673.56	587.83	85.73	7.857		
9,100.00	7,780.00	9,160.90	7,850.00	44.82	45.13	-95.97	181.20	711.11	673.56	583.96	89.60	7.517		
9,200.00	7,780.00	9,260.90	7,850.00	46.84	47.14	-95.97	180.01	811.11	673.57	579.95	93.62	7.194		
9,300.00	7,780.00	9,360.90	7,850.00	48.94	49.23	-95.97	178.81	911.10	673.57	575.80	97.77	6.889		
9,400.00	7,780.00	9,460.90	7,850.00	51.09	51.37	-95.97	177.62	1,011.09	673.58	571.54	102.04	6.601		
9,500.00	7,780.00	9,560.90	7,850.00	53.29	53.56	-95.97	176.42	1,111.08	673.58	567.18	106.40	6.331		
9,600.00	7,780.00	9,660.90	7,850.00	55.53	55.80	-95.97	175.23	1,211.08	673.59	562.73	110.85	6.076		
9,700.00	7,780.00	9,760.90	7,850.00	57.81	58.07	-95.97	174.04	1,311.07	673.59	558.21	115.38	5.838		
9,800.00	7,780.00	9,860.90	7,850.00	60.13	60.38	-95.97	172.84	1,411.06	673.60	553.61	119.98	5.614		
9,900.00	7,780.00	9,960.90	7,850.00	62.48	62.72	-95.97	171.65	1,511.06	673.60	548.96	124.64	5.404		
10,000.00	7,780.00	10,060.90	7,850.00	64.85	65.09	-95.97	170.45	1,611.05	673.60	544.25	129.35	5.207		
10,100.00	7,780.00	10,160.90	7,850.00	67.25	67.48	-95.97	169.26	1,711.04	673.61	539.49	134.12	5.023		
10,200.00	7,780.00	10,260.90	7,850.00	69.67	69.89	-95.97	168.07	1,811.04	673.61	534.69	138.92	4.849		
10,300.00	7,780.00	10,360.90	7,850.00	72.11	72.33	-95.97	166.87	1,911.03	673.62	529.85	143.77	4.685		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,400.00	7,780.00	10,460.90	7,850.00	74.56	74.78	-95.97	165.68	2,011.02	673.62	524.97	148.65	4.532		
10,500.00	7,780.00	10,560.90	7,850.00	77.04	77.25	-95.97	164.48	2,111.01	673.63	520.06	153.57	4.387		
10,600.00	7,780.00	10,660.90	7,850.00	79.52	79.73	-95.97	163.29	2,211.01	673.63	515.12	158.51	4.250		
10,700.00	7,780.00	10,760.90	7,850.00	82.02	82.23	-95.97	162.10	2,311.00	673.63	510.15	163.48	4.121		
10,800.00	7,780.00	10,860.90	7,850.00	84.54	84.74	-95.97	160.90	2,410.99	673.64	505.17	168.47	3.998		
10,900.00	7,780.00	10,960.90	7,850.00	87.06	87.26	-95.97	159.71	2,510.99	673.64	500.15	173.49	3.883		
11,000.00	7,780.00	11,060.90	7,850.00	89.59	89.79	-95.97	158.51	2,610.98	673.65	495.12	178.53	3.773		
11,100.00	7,780.00	11,160.90	7,850.00	92.14	92.33	-95.97	157.32	2,710.97	673.65	490.07	183.58	3.670		
11,200.00	7,780.00	11,260.90	7,850.00	94.69	94.88	-95.97	156.13	2,810.96	673.66	485.00	188.65	3.571		
11,300.00	7,780.00	11,360.90	7,850.00	97.24	97.43	-95.97	154.93	2,910.96	673.66	479.92	193.74	3.477		
11,400.00	7,780.00	11,460.90	7,850.00	99.81	100.00	-95.97	153.74	3,010.95	673.66	474.82	198.84	3.388		
11,500.00	7,780.00	11,560.90	7,850.00	102.38	102.57	-95.97	152.55	3,110.94	673.67	469.71	203.96	3.303		
11,600.00	7,780.00	11,660.90	7,850.00	104.96	105.14	-95.97	151.35	3,210.94	673.67	464.58	209.09	3.222		
11,700.00	7,780.00	11,760.90	7,850.00	107.55	107.73	-95.97	150.16	3,310.93	673.68	459.45	214.23	3.145		
11,800.00	7,780.00	11,860.90	7,850.00	110.14	110.31	-95.97	148.96	3,410.92	673.68	454.30	219.38	3.071		
11,900.00	7,780.00	11,960.90	7,850.00	112.73	112.91	-95.97	147.77	3,510.91	673.69	449.15	224.54	3.000		
12,000.00	7,780.00	12,060.90	7,850.00	115.33	115.51	-95.97	146.58	3,610.91	673.69	443.98	229.71	2.933		
12,100.00	7,780.00	12,160.90	7,850.00	117.93	118.11	-95.97	145.38	3,710.90	673.69	438.81	234.89	2.868		
12,200.00	7,780.00	12,260.90	7,850.00	120.54	120.71	-95.97	144.19	3,810.89	673.70	433.62	240.08	2.806		
12,300.00	7,780.00	12,360.90	7,850.00	123.15	123.32	-95.97	142.99	3,910.89	673.70	428.43	245.27	2.747		
12,400.00	7,780.00	12,460.90	7,850.00	125.77	125.94	-95.97	141.80	4,010.88	673.71	423.24	250.47	2.690		
12,500.00	7,780.00	12,560.90	7,850.00	128.39	128.56	-95.97	140.61	4,110.87	673.71	418.03	255.68	2.635		
12,600.00	7,780.00	12,660.90	7,850.00	131.01	131.18	-95.97	139.41	4,210.86	673.72	412.82	260.90	2.582		
12,700.00	7,780.00	12,760.90	7,850.00	133.63	133.80	-95.97	138.22	4,310.86	673.72	407.60	266.12	2.532		
12,800.00	7,780.00	12,860.90	7,850.00	136.26	136.43	-95.97	137.02	4,410.85	673.73	402.38	271.34	2.483		
12,900.00	7,780.00	12,960.90	7,850.00	138.89	139.05	-95.97	135.83	4,510.84	673.73	397.16	276.57	2.436		
13,000.00	7,780.00	13,060.90	7,850.00	141.52	141.69	-95.97	134.64	4,610.84	673.73	391.92	281.81	2.391		
13,100.00	7,780.00	13,160.90	7,850.00	144.16	144.32	-95.97	133.44	4,710.83	673.74	386.69	287.05	2.347		
13,200.00	7,780.00	13,260.90	7,850.00	146.79	146.96	-95.97	132.25	4,810.82	673.74	381.44	292.30	2.305		
13,300.00	7,780.00	13,360.90	7,850.00	149.43	149.59	-95.97	131.05	4,910.81	673.75	376.20	297.55	2.264		
13,400.00	7,780.00	13,460.90	7,850.00	152.07	152.23	-95.97	129.86	5,010.81	673.75	370.95	302.80	2.225		
13,500.00	7,780.00	13,560.90	7,850.00	154.72	154.88	-95.97	128.67	5,110.80	673.76	365.70	308.06	2.187		
13,600.00	7,780.00	13,660.90	7,850.00	157.36	157.52	-95.97	127.47	5,210.79	673.76	360.44	313.32	2.150		
13,700.00	7,780.00	13,760.90	7,850.00	160.01	160.17	-95.97	126.28	5,310.79	673.76	355.18	318.59	2.115		
13,800.00	7,780.00	13,860.90	7,850.00	162.66	162.81	-95.97	125.08	5,410.78	673.77	349.91	323.85	2.080		
13,900.00	7,780.00	13,960.90	7,850.00	165.31	165.46	-95.97	123.89	5,510.77	673.77	344.65	329.13	2.047		
14,000.00	7,780.00	14,060.90	7,850.00	167.96	168.11	-95.97	122.70	5,610.76	673.78	339.38	334.40	2.015		
14,100.00	7,780.00	14,160.90	7,850.00	170.61	170.77	-95.97	121.50	5,710.76	673.78	334.10	339.68	1.984		
14,200.00	7,780.00	14,260.90	7,850.00	173.26	173.42	-95.97	120.31	5,810.75	673.79	328.83	344.96	1.953		
14,300.00	7,780.00	14,360.90	7,850.00	175.92	176.07	-95.97	119.11	5,910.74	673.79	323.55	350.24	1.924		
14,400.00	7,780.00	14,460.90	7,850.00	178.58	178.73	-95.97	117.92	6,010.74	673.79	318.27	355.52	1.895		
14,500.00	7,780.00	14,560.90	7,850.00	181.23	181.39	-95.97	116.73	6,110.73	673.80	312.99	360.81	1.867		
14,600.00	7,780.00	14,660.90	7,850.00	183.89	184.05	-95.97	115.53	6,210.72	673.80	307.70	366.10	1.840		
14,700.00	7,780.00	14,760.90	7,850.00	186.55	186.70	-95.97	114.34	6,310.71	673.81	302.41	371.39	1.814		
14,800.00	7,780.00	14,860.90	7,850.00	189.21	189.36	-95.97	113.14	6,410.71	673.81	297.13	376.69	1.789		
14,900.00	7,780.00	14,960.90	7,850.00	191.88	192.03	-95.97	111.95	6,510.70	673.82	291.83	381.98	1.764		
15,000.00	7,780.00	15,060.90	7,850.00	194.54	194.69	-95.97	110.76	6,610.69	673.82	286.54	387.28	1.740		
15,100.00	7,780.00	15,160.90	7,850.00	197.20	197.35	-95.97	109.56	6,710.69	673.82	281.25	392.58	1.716		
15,200.00	7,780.00	15,260.90	7,850.00	199.87	200.02	-95.97	108.37	6,810.68	673.83	275.95	397.88	1.694		
15,300.00	7,780.00	15,360.90	7,850.00	202.53	202.68	-95.97	107.18	6,910.67	673.83	270.65	403.18	1.671		
15,400.00	7,780.00	15,460.90	7,850.00	205.20	205.35	-95.97	105.98	7,010.66	673.84	265.35	408.49	1.650		
15,500.00	7,780.00	15,560.90	7,850.00	207.86	208.01	-95.97	104.79	7,110.66	673.84	260.05	413.79	1.628		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	15,660.90	7,850.00	210.53	210.68	-95.97	103.59	7,210.65	673.85	254.75	419.10	1.608		
15,700.00	7,780.00	15,760.90	7,850.00	213.20	213.35	-95.97	102.40	7,310.64	673.85	249.44	424.41	1.588		
15,800.00	7,780.00	15,874.56	7,850.00	215.87	216.38	-95.97	100.45	7,424.28	673.95	243.91	430.05	1.567		
15,900.00	7,780.00	16,002.54	7,850.00	218.54	219.80	-95.98	93.47	7,552.06	673.38	237.89	435.48	1.546		
15,942.55	7,780.00	16,045.09	7,850.00	219.68	220.94	-95.98	90.32	7,594.49	673.22	235.47	437.75	1.538		
16,000.00	7,780.00	16,102.54	7,850.00	221.22	222.47	-95.97	86.07	7,651.78	673.94	233.13	440.81	1.529		
16,100.00	7,780.00	16,202.53	7,850.00	223.89	225.15	-95.96	78.67	7,751.50	674.95	228.80	446.15	1.513		
16,200.00	7,780.00	16,302.53	7,850.00	226.57	227.82	-95.95	71.27	7,851.23	675.95	224.47	451.49	1.497	Level 3	
16,300.00	7,780.00	16,402.52	7,850.00	229.24	230.49	-95.94	63.87	7,950.95	676.96	220.14	456.82	1.482	Level 3	
16,400.00	7,780.00	16,502.52	7,850.00	231.92	233.17	-95.94	56.47	8,050.67	677.97	215.80	462.16	1.467	Level 3	
16,500.00	7,780.00	16,602.51	7,850.00	234.60	235.84	-95.93	49.07	8,150.39	678.98	211.47	467.51	1.452	Level 3	
16,600.00	7,780.00	16,702.51	7,850.00	237.28	238.52	-95.92	41.67	8,250.11	679.98	207.13	472.85	1.438	Level 3	
16,700.00	7,780.00	16,802.50	7,850.00	239.96	241.20	-95.91	34.27	8,349.83	680.99	202.80	478.19	1.424	Level 3	
16,800.00	7,780.00	16,902.50	7,850.00	242.64	243.88	-95.90	26.87	8,449.55	682.00	198.46	483.54	1.410	Level 3	
16,900.00	7,780.00	17,002.49	7,850.00	245.32	246.55	-95.89	19.47	8,549.27	683.00	194.12	488.88	1.397	Level 3	
17,000.00	7,780.00	17,102.49	7,850.00	248.00	249.23	-95.88	12.07	8,648.99	684.01	189.78	494.23	1.384	Level 3	
17,100.00	7,780.00	17,202.48	7,850.00	250.68	251.91	-95.87	4.67	8,748.71	685.02	185.44	499.58	1.371	Level 3	
17,200.00	7,780.00	17,302.48	7,850.00	253.36	254.59	-95.87	-2.73	8,848.43	686.03	181.10	504.93	1.359	Level 3	
17,300.00	7,780.00	17,402.47	7,850.00	256.04	257.27	-95.86	-10.13	8,948.15	687.03	176.76	510.28	1.346	Level 3	
17,400.00	7,780.00	17,502.47	7,850.00	258.72	259.95	-95.85	-17.53	9,047.87	688.04	172.41	515.63	1.334	Level 3	
17,500.00	7,780.00	17,602.46	7,850.00	261.41	262.63	-95.84	-24.93	9,147.59	689.05	168.07	520.98	1.323	Level 3	
17,600.00	7,780.00	17,702.46	7,850.00	264.09	265.32	-95.83	-32.33	9,247.31	690.05	163.72	526.33	1.311	Level 3	
17,700.00	7,780.00	17,802.45	7,850.00	266.77	268.00	-95.82	-39.74	9,347.04	691.06	159.38	531.69	1.300	Level 3	
17,800.00	7,780.00	17,902.45	7,850.00	269.46	270.68	-95.81	-47.14	9,446.76	692.07	155.03	537.04	1.289	Level 3	
17,900.00	7,780.00	18,002.44	7,850.00	272.14	273.36	-95.81	-54.54	9,546.48	693.08	150.68	542.40	1.278	Level 3	
18,000.00	7,780.00	18,102.43	7,850.00	274.83	276.05	-95.80	-61.94	9,646.20	694.08	146.33	547.75	1.267	Level 3	
18,100.00	7,780.00	18,202.43	7,850.00	277.51	278.73	-95.79	-69.34	9,745.92	695.09	141.98	553.11	1.257	Level 3	
18,200.00	7,780.00	18,302.42	7,850.00	280.20	281.42	-95.78	-76.74	9,845.64	696.10	137.63	558.47	1.246	Level 2	
18,300.00	7,780.00	18,402.42	7,850.00	282.89	284.10	-95.77	-84.14	9,945.36	697.11	133.28	563.82	1.236	Level 2	
18,400.00	7,780.00	18,502.41	7,850.00	285.57	286.78	-95.76	-91.54	10,045.08	698.11	128.93	569.18	1.227	Level 2	
18,500.00	7,780.00	18,602.41	7,850.00	288.26	289.47	-95.75	-98.94	10,144.80	699.12	124.58	574.54	1.217	Level 2	
18,600.00	7,780.00	18,702.40	7,850.00	290.95	292.16	-95.75	-106.34	10,244.52	700.13	120.22	579.90	1.207	Level 2	
18,700.00	7,780.00	18,802.40	7,850.00	293.64	294.84	-95.74	-113.74	10,344.24	701.13	115.87	585.27	1.198	Level 2	
18,800.00	7,780.00	18,902.39	7,850.00	296.32	297.53	-95.73	-121.14	10,443.96	702.14	111.51	590.63	1.189	Level 2	
18,900.00	7,780.00	19,002.39	7,850.00	299.01	300.22	-95.72	-128.54	10,543.68	703.15	107.16	595.99	1.180	Level 2	
19,000.00	7,780.00	19,102.38	7,850.00	301.70	302.90	-95.71	-135.94	10,643.40	704.16	102.80	601.35	1.171	Level 2	
19,100.00	7,780.00	19,202.38	7,850.00	304.39	305.59	-95.71	-143.34	10,743.12	705.16	98.45	606.72	1.162	Level 2	
19,200.00	7,780.00	19,302.37	7,850.00	307.08	308.28	-95.70	-150.74	10,842.85	706.17	94.09	612.08	1.154	Level 2	
19,300.00	7,780.00	19,402.37	7,850.00	309.77	310.97	-95.69	-158.14	10,942.57	707.18	89.73	617.45	1.145	Level 2	
19,400.00	7,780.00	19,502.36	7,850.00	312.46	313.65	-95.68	-165.54	11,042.29	708.19	85.37	622.81	1.137	Level 2	
19,500.00	7,780.00	19,602.36	7,850.00	315.15	316.34	-95.67	-172.94	11,142.01	709.19	81.02	628.18	1.129	Level 2	
19,600.00	7,780.00	19,702.35	7,850.00	317.84	319.03	-95.66	-180.34	11,241.73	710.20	76.66	633.55	1.121	Level 2	
19,700.00	7,780.00	19,802.35	7,850.00	320.53	321.72	-95.66	-187.74	11,341.45	711.21	72.30	638.91	1.113	Level 2	
19,800.00	7,780.00	19,902.34	7,850.00	323.22	324.41	-95.65	-195.14	11,441.17	712.22	67.94	644.28	1.105	Level 2	
19,900.00	7,780.00	20,002.34	7,850.00	325.91	327.10	-95.64	-202.54	11,540.89	713.22	63.58	649.65	1.098	Level 2	
20,000.00	7,780.00	20,102.33	7,850.00	328.60	329.79	-95.63	-209.94	11,640.61	714.23	59.21	655.02	1.090	Level 2	
20,100.00	7,780.00	20,202.33	7,850.00	331.30	332.48	-95.62	-217.34	11,740.33	715.24	54.85	660.39	1.083	Level 2	
20,200.00	7,780.00	20,302.32	7,850.00	333.99	335.17	-95.62	-224.74	11,840.05	716.25	50.49	665.76	1.076	Level 2	
20,300.00	7,780.00	20,402.32	7,850.00	336.68	337.86	-95.61	-232.14	11,939.77	717.26	46.13	671.13	1.069	Level 2	
20,400.00	7,780.00	20,502.31	7,850.00	339.37	340.55	-95.60	-239.54	12,039.49	718.26	41.76	676.50	1.062	Level 2	
20,500.00	7,780.00	20,602.31	7,850.00	342.07	343.24	-95.59	-246.94	12,139.21	719.27	37.40	681.87	1.055	Level 2	
20,600.00	7,780.00	20,702.30	7,850.00	344.76	345.93	-95.59	-254.34	12,238.93	720.28	33.04	687.24	1.048	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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,700.00	7,780.00	20,802.30	7,850.00	347.45	348.62	-95.58	-261.74	12,338.66	721.29	28.67	692.61	1.041	Level 2
20,800.00	7,780.00	20,902.29	7,850.00	350.14	351.32	-95.57	-269.14	12,438.38	722.29	24.31	697.99	1.035	Level 2
20,900.00	7,780.00	21,002.29	7,850.00	352.84	354.01	-95.56	-276.54	12,538.10	723.30	19.94	703.36	1.028	Level 2
21,000.00	7,780.00	21,102.28	7,850.00	355.53	356.70	-95.55	-283.94	12,637.82	724.31	15.58	708.73	1.022	Level 2
21,100.00	7,780.00	21,202.28	7,850.00	358.22	359.39	-95.55	-291.34	12,737.54	725.32	11.21	714.11	1.016	Level 2
21,200.00	7,780.00	21,302.27	7,850.00	360.92	362.08	-95.54	-298.74	12,837.26	726.32	6.84	719.48	1.010	Level 2
21,300.00	7,780.00	21,402.27	7,850.00	363.61	364.78	-95.53	-306.14	12,936.98	727.33	2.48	724.85	1.003	Level 2
21,400.00	7,780.00	21,502.26	7,850.00	366.31	367.47	-95.52	-313.55	13,036.70	728.34	-1.89	730.23	0.997	Level 1
21,500.00	7,780.00	21,602.26	7,850.00	369.00	370.16	-95.52	-320.95	13,136.42	729.35	-6.26	735.61	0.991	Level 1
21,600.00	7,780.00	21,702.25	7,850.00	371.70	372.86	-95.51	-328.35	13,236.14	730.36	-10.63	740.98	0.986	Level 1
21,700.00	7,780.00	21,802.25	7,850.00	374.39	375.55	-95.50	-335.75	13,335.86	731.36	-14.99	746.36	0.980	Level 1
21,800.00	7,780.00	21,902.24	7,850.00	377.09	378.24	-95.49	-343.15	13,435.58	732.37	-19.36	751.73	0.974	Level 1
21,900.00	7,780.00	22,002.24	7,850.00	379.78	380.94	-95.49	-350.55	13,535.30	733.38	-23.73	757.11	0.969	Level 1
22,000.00	7,780.00	22,102.23	7,850.00	382.48	383.63	-95.48	-357.95	13,635.02	734.39	-28.10	762.49	0.963	Level 1
22,100.00	7,780.00	22,202.22	7,850.00	385.17	386.32	-95.47	-365.35	13,734.74	735.39	-32.47	767.87	0.958	Level 1
22,200.00	7,780.00	22,302.22	7,850.00	387.87	389.02	-95.46	-372.75	13,834.47	736.40	-36.84	773.24	0.952	Level 1
22,300.00	7,780.00	22,402.21	7,850.00	390.56	391.71	-95.46	-380.15	13,934.19	737.41	-41.21	778.62	0.947	Level 1
22,400.00	7,780.00	22,502.21	7,850.00	393.26	394.41	-95.45	-387.55	14,033.91	738.42	-45.58	784.00	0.942	Level 1
22,500.00	7,780.00	22,602.20	7,850.00	395.95	397.10	-95.44	-394.95	14,133.63	739.43	-49.95	789.38	0.937	Level 1
22,600.00	7,780.00	22,702.20	7,850.00	398.65	399.79	-95.43	-402.35	14,233.35	740.43	-54.32	794.76	0.932	Level 1
22,700.00	7,780.00	22,802.19	7,850.00	401.35	402.49	-95.43	-409.75	14,333.07	741.44	-58.69	800.14	0.927	Level 1
22,800.00	7,780.00	22,902.19	7,850.00	404.04	405.18	-95.42	-417.15	14,432.79	742.45	-63.07	805.52	0.922	Level 1
22,900.00	7,780.00	23,002.18	7,850.00	406.74	407.88	-95.41	-424.55	14,532.51	743.46	-67.44	810.90	0.917	Level 1
23,000.00	7,780.00	23,102.18	7,850.00	409.43	410.57	-95.40	-431.95	14,632.23	744.47	-71.81	816.28	0.912	Level 1
23,100.00	7,780.00	23,202.17	7,850.00	412.13	413.27	-95.40	-439.35	14,731.95	745.47	-76.18	821.66	0.907	Level 1
23,200.00	7,780.00	23,302.17	7,850.00	414.83	415.96	-95.39	-446.75	14,831.67	746.48	-80.56	827.04	0.903	Level 1
23,300.00	7,780.00	23,402.16	7,850.00	417.52	418.66	-95.38	-454.15	14,931.39	747.49	-84.93	832.42	0.898	Level 1
23,400.00	7,780.00	23,502.16	7,850.00	420.22	421.36	-95.37	-461.55	15,031.11	748.50	-89.30	837.80	0.893	Level 1
23,500.00	7,780.00	23,602.15	7,850.00	422.92	424.05	-95.37	-468.95	15,130.83	749.51	-93.68	843.18	0.889	Level 1
23,600.00	7,780.00	23,702.15	7,850.00	425.62	426.75	-95.36	-476.35	15,230.55	750.51	-98.05	848.57	0.884	Level 1, ES, SF
23,669.75	7,780.00	23,715.94	7,850.00	427.50	427.12	-95.36	-477.37	15,244.31	753.30	-96.81	850.11	0.886	Level 1

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	47.42	47.42	0.00	0.06	-125.81	-978.46	-1,356.13	1,672.28					
100.00	100.00	144.78	144.78	0.13	0.33	-125.81	-978.82	-1,356.73	1,673.00	1,672.54	0.46	3,619.457		
200.00	200.00	247.54	247.53	0.49	0.70	-125.80	-978.90	-1,357.36	1,673.54	1,672.35	1.19	1,409.437		
300.00	300.00	347.25	347.24	0.85	1.05	-125.79	-978.92	-1,357.93	1,674.02	1,672.12	1.90	879.792		
400.00	400.00	447.45	447.44	1.21	1.41	-125.78	-979.04	-1,358.46	1,674.52	1,671.90	2.62	639.085		
500.00	500.00	549.54	549.53	1.57	1.78	-125.78	-979.25	-1,358.84	1,674.93	1,671.59	3.34	500.926		
600.00	600.00	650.04	650.03	1.93	2.14	-125.78	-979.48	-1,359.09	1,675.28	1,671.22	4.06	412.554		
700.00	700.00	749.96	749.95	2.29	2.49	-125.78	-979.75	-1,359.32	1,675.62	1,670.84	4.78	350.888		
800.00	799.98	850.44	850.43	2.63	2.85	-7.53	-980.02	-1,359.52	1,674.20	1,668.72	5.48	305.530		
900.00	899.84	949.56	949.55	2.97	3.20	-7.58	-980.31	-1,359.70	1,669.33	1,663.16	6.17	270.416		
1,000.00	999.45	1,049.07	1,049.05	3.32	3.56	-7.64	-980.59	-1,359.96	1,661.07	1,654.19	6.87	241.624		
1,100.00	1,098.70	1,148.68	1,148.67	3.69	3.92	-7.73	-980.82	-1,360.21	1,649.33	1,641.75	7.58	217.549		
1,200.00	1,197.68	1,247.56	1,247.54	4.07	4.27	-7.80	-981.05	-1,360.47	1,635.54	1,627.25	8.29	197.373		
1,300.00	1,296.65	1,346.92	1,346.90	4.46	4.63	-7.87	-981.34	-1,360.67	1,621.72	1,612.73	8.99	180.345		
1,400.00	1,395.63	1,447.07	1,447.05	4.86	4.98	-7.95	-981.67	-1,360.80	1,607.87	1,598.17	9.70	165.719		
1,500.00	1,494.60	1,544.78	1,544.76	5.27	5.33	-8.03	-982.03	-1,360.89	1,594.00	1,583.60	10.41	153.188		
1,600.00	1,593.58	1,642.08	1,642.06	5.67	5.68	-8.11	-982.47	-1,361.04	1,580.25	1,569.14	11.11	142.233		
1,700.00	1,692.55	1,740.34	1,740.32	6.09	6.03	-8.20	-983.03	-1,361.21	1,566.58	1,554.76	11.82	132.535		
1,800.00	1,791.53	1,839.42	1,839.40	6.50	6.38	-8.29	-983.69	-1,361.34	1,552.94	1,540.40	12.53	123.902		
1,900.00	1,890.50	1,938.23	1,938.20	6.92	6.73	-8.38	-984.30	-1,361.51	1,539.30	1,526.05	13.25	116.191		
2,000.00	1,989.48	2,037.03	2,037.00	7.34	7.09	-8.47	-984.89	-1,361.71	1,525.69	1,511.72	13.96	109.258		
2,100.00	2,088.45	2,135.83	2,135.80	7.76	7.44	-8.56	-985.46	-1,361.95	1,512.09	1,497.41	14.68	102.994		
2,200.00	2,187.43	2,235.50	2,235.47	8.19	7.80	-8.66	-986.01	-1,362.20	1,498.49	1,483.08	15.40	97.289		
2,300.00	2,286.40	2,345.01	2,344.98	8.61	8.18	-8.74	-986.16	-1,362.57	1,484.74	1,468.59	16.15	91.935		
2,400.00	2,385.38	2,493.43	2,493.32	9.04	8.68	-8.72	-981.61	-1,362.77	1,468.98	1,452.00	16.98	86.501		
2,500.00	2,484.35	2,606.05	2,605.73	9.46	9.05	-8.62	-974.85	-1,362.13	1,450.84	1,433.14	17.71	81.940		
2,600.00	2,583.32	2,707.47	2,706.93	9.89	9.40	-8.51	-968.11	-1,361.37	1,432.21	1,413.80	18.41	77.815		
2,700.00	2,682.30	2,806.00	2,805.21	10.32	9.73	-8.39	-961.26	-1,360.44	1,413.23	1,394.13	19.10	73.994		
2,800.00	2,781.27	2,893.70	2,892.74	10.75	10.03	-8.30	-955.83	-1,359.76	1,394.84	1,375.07	19.77	70.550		
2,900.00	2,880.25	2,991.74	2,990.61	11.18	10.36	-8.21	-950.12	-1,359.12	1,376.77	1,356.30	20.47	67.261		
3,000.00	2,979.22	3,091.54	3,090.23	11.61	10.71	-8.10	-944.14	-1,358.56	1,358.67	1,337.50	21.17	64.170		
3,100.00	3,078.20	3,192.62	3,191.10	12.04	11.05	-7.98	-937.77	-1,357.96	1,340.37	1,318.49	21.88	61.257		
3,200.00	3,177.17	3,289.38	3,287.68	12.47	11.39	-7.87	-931.82	-1,357.20	1,322.02	1,299.44	22.58	58.544		
3,300.00	3,276.15	3,378.39	3,376.53	12.90	11.70	-7.77	-926.49	-1,356.76	1,304.01	1,280.74	23.27	56.045		
3,400.00	3,375.12	3,464.04	3,462.03	13.33	12.00	-7.64	-921.47	-1,357.43	1,287.06	1,263.12	23.95	53.746		
3,500.00	3,474.10	3,562.25	3,560.07	13.76	12.35	-7.49	-915.80	-1,358.61	1,270.53	1,245.88	24.66	51.527		
3,600.00	3,573.07	3,665.78	3,663.42	14.19	12.71	-7.33	-909.92	-1,359.65	1,253.91	1,228.53	25.38	49.404		
3,700.00	3,672.05	3,771.64	3,769.14	14.62	13.08	-7.21	-904.38	-1,359.50	1,236.62	1,210.51	26.11	47.367		
3,800.00	3,771.02	3,872.83	3,870.20	15.05	13.44	-7.11	-899.16	-1,358.91	1,219.03	1,192.21	26.82	45.448		
3,900.00	3,870.00	3,973.56	3,970.77	15.49	13.80	-7.00	-893.67	-1,358.25	1,201.22	1,173.68	27.54	43.620		
4,000.00	3,968.97	4,072.30	4,069.37	15.92	14.14	-6.89	-888.33	-1,357.43	1,183.29	1,155.04	28.25	41.886		
4,100.00	4,067.94	4,164.87	4,161.81	16.35	14.47	-6.79	-883.47	-1,356.76	1,165.55	1,136.59	28.95	40.257		
4,200.00	4,166.92	4,261.60	4,258.38	16.78	14.82	-6.64	-878.03	-1,356.89	1,148.29	1,118.62	29.66	38.709		
4,300.00	4,265.89	4,358.73	4,355.35	17.22	15.16	-6.48	-872.38	-1,357.15	1,131.04	1,100.66	30.38	37.232		
4,400.00	4,364.87	4,452.35	4,448.83	17.65	15.50	-6.33	-867.35	-1,357.44	1,114.08	1,082.99	31.09	35.838		
4,500.00	4,463.84	4,555.64	4,551.98	18.08	15.87	-6.18	-862.13	-1,357.73	1,097.29	1,065.48	31.81	34.494		
4,600.00	4,562.82	4,658.78	4,654.98	18.51	16.24	-6.03	-856.57	-1,357.52	1,079.91	1,047.38	32.53	33.193		
4,700.00	4,661.79	4,752.88	4,748.96	18.95	16.57	-5.91	-851.96	-1,357.00	1,062.53	1,029.29	33.24	31.961		
4,800.00	4,760.77	4,865.31	4,861.22	19.38	16.97	-5.75	-845.96	-1,356.22	1,044.82	1,010.84	33.98	30.751		
4,900.00	4,859.74	4,961.76	4,957.50	19.81	17.32	-5.59	-840.23	-1,355.23	1,026.49	991.80	34.69	29.589		
5,000.00	4,958.72	5,054.30	5,049.91	20.25	17.65	-5.47	-835.42	-1,354.15	1,008.47	973.07	35.40	28.486		
5,100.00	5,057.69	5,140.47	5,135.97	20.68	17.96	-5.33	-831.10	-1,354.02	991.38	955.27	36.11	27.457		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,156.67	5,234.61	5,229.97	21.12	18.30	-5.12	-826.02	-1,355.06	975.12	938.30	36.82	26.481		
5,300.00	5,255.64	5,329.51	5,324.75	21.55	18.64	-4.92	-821.38	-1,356.28	959.31	921.76	37.54	25.554		
5,400.00	5,354.62	5,431.93	5,427.07	21.98	19.01	-4.74	-817.10	-1,357.23	943.59	905.32	38.27	24.658		
5,500.00	5,453.59	5,552.32	5,547.24	22.42	19.44	-4.45	-809.91	-1,357.28	926.14	887.13	39.00	23.745		
5,600.00	5,552.56	5,649.02	5,643.69	22.85	19.79	-4.15	-802.87	-1,356.93	907.73	868.00	39.73	22.850		
5,700.00	5,651.54	5,738.72	5,733.21	23.28	20.12	-3.91	-797.39	-1,356.84	890.16	849.72	40.45	22.009		
5,800.00	5,750.51	5,831.04	5,825.41	23.72	20.45	-3.69	-792.53	-1,357.04	873.33	832.17	41.16	21.216		
5,900.00	5,849.49	5,925.17	5,919.44	24.15	20.79	-3.48	-788.25	-1,357.71	857.30	815.42	41.88	20.468		
6,000.00	5,948.46	6,022.14	6,016.28	24.59	21.14	-3.23	-783.51	-1,358.61	841.29	798.69	42.61	19.745		
6,100.00	6,047.44	6,118.51	6,112.54	25.02	21.49	-2.97	-779.19	-1,360.17	826.09	782.76	43.33	19.064		
6,200.00	6,146.41	6,225.35	6,219.21	25.45	21.88	-2.60	-773.16	-1,361.45	809.93	765.87	44.06	18.382		
6,300.00	6,245.39	6,317.88	6,311.58	25.89	22.21	-2.28	-767.94	-1,362.51	793.80	749.01	44.79	17.724		
6,400.00	6,344.36	6,413.53	6,407.11	26.32	22.56	-1.97	-763.50	-1,364.17	778.68	733.16	45.51	17.109		
6,500.00	6,443.34	6,526.42	6,519.84	26.76	22.97	-1.57	-757.53	-1,365.50	762.82	716.58	46.24	16.497		
6,600.00	6,542.31	6,629.04	6,622.28	27.19	23.34	-1.21	-751.54	-1,365.06	745.31	698.35	46.96	15.870		
6,700.00	6,641.29	6,716.68	6,709.84	27.63	23.65	-1.01	-747.90	-1,364.41	728.40	680.70	47.69	15.273		
6,800.00	6,740.26	6,809.01	6,802.16	28.06	23.98	-0.93	-746.36	-1,364.05	712.95	664.54	48.41	14.727		
6,900.00	6,839.24	6,909.92	6,903.06	28.50	24.33	-0.90	-745.40	-1,363.52	697.76	648.64	49.13	14.204		
7,000.00	6,938.21	7,009.36	7,002.49	28.93	24.68	-0.90	-744.52	-1,362.54	682.21	632.37	49.84	13.689		
7,100.00	7,037.18	7,107.34	7,100.46	29.36	25.02	-0.90	-743.73	-1,361.62	666.72	616.17	50.55	13.189		
7,200.00	7,136.16	7,204.06	7,197.17	29.80	25.35	-0.91	-743.22	-1,360.78	651.44	600.18	51.26	12.708		
7,288.41	7,224.16	7,280.00	7,273.12	30.12	25.61	82.10	-742.88	-1,360.65	644.38	592.50	51.88	12.421 CC, ES		
7,300.00	7,235.71	7,286.54	7,279.65	30.16	25.64	94.87	-742.85	-1,360.78	644.47	592.51	51.96	12.404 SF		
7,400.00	7,334.44	7,343.00	7,336.02	30.38	25.83	133.06	-742.65	-1,363.86	657.66	605.17	52.49	12.530		
7,500.00	7,429.33	7,396.89	7,389.52	30.53	26.02	139.87	-742.67	-1,370.26	691.80	638.97	52.83	13.094		
7,600.00	7,517.51	7,438.00	7,429.97	30.60	26.16	140.91	-742.92	-1,377.54	745.27	692.29	52.98	14.067		
7,700.00	7,596.31	7,469.00	7,460.19	30.64	26.26	138.44	-743.20	-1,384.44	814.97	761.95	53.02	15.370		
7,800.00	7,663.31	7,501.00	7,491.11	30.67	26.37	132.47	-743.31	-1,392.71	896.92	843.73	53.18	16.865		
7,900.00	7,716.50	7,510.17	7,499.90	30.73	26.40	117.78	-743.30	-1,395.29	987.20	934.00	53.20	18.558		
8,000.00	7,754.25	7,514.13	7,503.69	30.89	26.41	90.28	-743.29	-1,396.44	1,082.08	1,028.78	53.31	20.300		
8,100.00	7,775.41	7,510.86	7,500.57	31.21	26.40	56.76	-743.30	-1,395.49	1,178.12	1,124.64	53.48	22.029		
8,200.00	7,780.00	7,501.00	7,491.11	31.71	26.37	39.08	-743.31	-1,392.71	1,272.51	1,218.80	53.71	23.693		
8,300.00	7,780.00	7,490.47	7,480.96	32.46	26.33	38.26	-743.31	-1,389.86	1,366.57	1,312.63	53.94	25.334		
8,400.00	7,780.00	7,479.97	7,470.82	33.45	26.30	37.47	-743.27	-1,387.15	1,461.23	1,407.09	54.15	26.986		
8,500.00	7,780.00	7,469.00	7,460.19	34.65	26.26	36.67	-743.20	-1,384.44	1,556.40	1,502.07	54.33	28.650		
8,600.00	7,780.00	7,469.00	7,460.19	36.03	26.26	36.67	-743.20	-1,384.44	1,652.04	1,597.48	54.56	30.278		
8,700.00	7,780.00	7,454.65	7,446.24	37.56	26.22	35.66	-743.08	-1,381.11	1,747.99	1,693.32	54.67	31.971		
8,800.00	7,780.00	7,438.00	7,429.97	39.22	26.16	34.54	-742.92	-1,377.54	1,844.41	1,789.65	54.76	33.680		
8,900.00	7,780.00	7,438.00	7,429.97	40.99	26.16	34.54	-742.92	-1,377.54	1,940.96	1,886.02	54.94	35.329		
9,000.00	7,780.00	7,438.00	7,429.97	42.86	26.16	34.54	-742.92	-1,377.54	2,037.85	1,982.75	55.10	36.985		
9,100.00	7,780.00	7,438.00	7,429.97	44.82	26.16	34.54	-742.92	-1,377.54	2,135.02	2,079.78	55.24	38.649		
9,200.00	7,780.00	7,425.47	7,417.69	46.84	26.12	33.73	-742.82	-1,375.09	2,232.30	2,176.99	55.31	40.358		
9,300.00	7,780.00	7,420.92	7,413.22	48.94	26.10	33.45	-742.79	-1,374.25	2,329.83	2,274.41	55.41	42.044		
9,400.00	7,780.00	7,406.00	7,398.52	51.09	26.05	32.54	-742.70	-1,371.69	2,427.62	2,372.16	55.46	43.770		
9,500.00	7,780.00	7,406.00	7,398.52	53.29	26.05	32.54	-742.70	-1,371.69	2,525.40	2,469.83	55.57	45.444		
9,600.00	7,780.00	7,406.00	7,398.52	55.53	26.05	32.54	-742.70	-1,371.69	2,623.35	2,567.68	55.67	47.122		
9,700.00	7,780.00	7,406.00	7,398.52	57.81	26.05	32.54	-742.70	-1,371.69	2,721.45	2,665.69	55.76	48.803		
9,800.00	7,780.00	7,406.00	7,398.52	60.13	26.05	32.54	-742.70	-1,371.69	2,819.69	2,763.83	55.85	50.486		
9,900.00	7,780.00	7,406.00	7,398.52	62.48	26.05	32.54	-742.70	-1,371.69	2,918.04	2,862.11	55.93	52.170		
10,000.00	7,780.00	7,406.00	7,398.52	64.85	26.05	32.54	-742.70	-1,371.69	3,016.50	2,960.49	56.01	53.856		
10,100.00	7,780.00	7,391.97	7,384.65	67.25	26.00	31.73	-742.65	-1,369.53	3,114.91	3,058.86	56.04	55.583		
10,200.00	7,780.00	7,389.05	7,381.77	69.67	25.99	31.56	-742.64	-1,369.11	3,213.48	3,157.38	56.10	57.278		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,300.00	7,780.00	7,375.00	7,367.84	72.11	25.94	30.79	-742.62	-1,367.25	3,312.23	3,256.10	56.13	59.008		
10,400.00	7,780.00	7,375.00	7,367.84	74.56	25.94	30.79	-742.62	-1,367.25	3,410.91	3,354.71	56.20	60.693		
10,500.00	7,780.00	7,375.00	7,367.84	77.04	25.94	30.79	-742.62	-1,367.25	3,509.67	3,453.40	56.26	62.378		
10,600.00	7,780.00	7,375.00	7,367.84	79.52	25.94	30.79	-742.62	-1,367.25	3,608.49	3,552.16	56.33	64.063		
10,700.00	7,780.00	7,375.00	7,367.84	82.02	25.94	30.79	-742.62	-1,367.25	3,707.38	3,650.99	56.39	65.747		
10,800.00	7,780.00	7,375.00	7,367.84	84.54	25.94	30.79	-742.62	-1,367.25	3,806.32	3,749.87	56.45	67.431		
10,900.00	7,780.00	7,375.00	7,367.84	87.06	25.94	30.79	-742.62	-1,367.25	3,905.32	3,848.81	56.51	69.114		
11,000.00	7,780.00	7,375.00	7,367.84	89.59	25.94	30.79	-742.62	-1,367.25	4,004.36	3,947.80	56.56	70.797		
11,100.00	7,780.00	7,375.00	7,367.84	92.14	25.94	30.79	-742.62	-1,367.25	4,103.46	4,046.84	56.62	72.478		
11,200.00	7,780.00	7,375.00	7,367.84	94.69	25.94	30.79	-742.62	-1,367.25	4,202.60	4,145.92	56.67	74.158		
11,300.00	7,780.00	7,375.00	7,367.84	97.24	25.94	30.79	-742.62	-1,367.25	4,301.77	4,245.05	56.72	75.836		
11,400.00	7,780.00	7,362.03	7,354.96	99.81	25.90	30.11	-742.62	-1,365.73	4,400.87	4,344.12	56.75	77.548		
11,500.00	7,780.00	7,360.27	7,353.21	102.38	25.89	30.02	-742.62	-1,365.54	4,500.08	4,443.28	56.80	79.228		
11,600.00	7,780.00	7,358.58	7,351.52	104.96	25.89	29.93	-742.62	-1,365.36	4,599.33	4,542.48	56.85	80.905		
11,700.00	7,780.00	7,356.94	7,349.90	107.55	25.88	29.85	-742.62	-1,365.19	4,698.60	4,641.71	56.90	82.581		
11,800.00	7,780.00	7,343.00	7,336.02	110.14	25.83	29.16	-742.65	-1,363.86	4,798.01	4,741.09	56.92	84.291		
11,900.00	7,780.00	7,343.00	7,336.02	112.73	25.83	29.16	-742.65	-1,363.86	4,897.31	4,840.34	56.97	85.957		
12,000.00	7,780.00	7,343.00	7,336.02	115.33	25.83	29.16	-742.65	-1,363.86	4,996.64	4,939.61	57.03	87.621		
12,100.00	7,780.00	7,343.00	7,336.02	117.93	25.83	29.16	-742.65	-1,363.86	5,095.99	5,038.92	57.08	89.282		
12,200.00	7,780.00	7,343.00	7,336.02	120.54	25.83	29.16	-742.65	-1,363.86	5,195.37	5,138.25	57.13	90.941		
12,300.00	7,780.00	7,343.00	7,336.02	123.15	25.83	29.16	-742.65	-1,363.86	5,294.78	5,237.60	57.18	92.598		
12,400.00	7,780.00	7,343.00	7,336.02	125.77	25.83	29.16	-742.65	-1,363.86	5,394.20	5,336.97	57.23	94.252		
12,500.00	7,780.00	7,343.00	7,336.02	128.39	25.83	29.16	-742.65	-1,363.86	5,493.65	5,436.37	57.28	95.903		
12,600.00	7,780.00	7,343.00	7,336.02	131.01	25.83	29.16	-742.65	-1,363.86	5,593.12	5,535.78	57.33	97.552		
12,700.00	7,780.00	7,343.00	7,336.02	133.63	25.83	29.16	-742.65	-1,363.86	5,692.60	5,635.21	57.39	99.198		
12,800.00	7,780.00	7,343.00	7,336.02	136.26	25.83	29.16	-742.65	-1,363.86	5,792.10	5,734.66	57.44	100.840		
12,900.00	7,780.00	7,343.00	7,336.02	138.89	25.83	29.16	-742.65	-1,363.86	5,891.62	5,834.13	57.49	102.480		
13,000.00	7,780.00	7,343.00	7,336.02	141.52	25.83	29.16	-742.65	-1,363.86	5,991.16	5,933.61	57.54	104.117		
13,100.00	7,780.00	7,343.00	7,336.02	144.16	25.83	29.16	-742.65	-1,363.86	6,090.71	6,033.11	57.60	105.750		
13,200.00	7,780.00	7,343.00	7,336.02	146.79	25.83	29.16	-742.65	-1,363.86	6,190.27	6,132.62	57.65	107.380		
13,300.00	7,780.00	7,343.00	7,336.02	149.43	25.83	29.16	-742.65	-1,363.86	6,289.85	6,232.15	57.70	109.007		
13,400.00	7,780.00	7,343.00	7,336.02	152.07	25.83	29.16	-742.65	-1,363.86	6,389.44	6,331.69	57.75	110.631		
13,500.00	7,780.00	7,343.00	7,336.02	154.72	25.83	29.16	-742.65	-1,363.86	6,489.05	6,431.24	57.81	112.251		
13,600.00	7,780.00	7,343.00	7,336.02	157.36	25.83	29.16	-742.65	-1,363.86	6,588.66	6,530.80	57.86	113.867		
13,700.00	7,780.00	7,343.00	7,336.02	160.01	25.83	29.16	-742.65	-1,363.86	6,688.29	6,630.38	57.92	115.480		
13,800.00	7,780.00	7,343.00	7,336.02	162.66	25.83	29.16	-742.65	-1,363.86	6,787.93	6,729.96	57.97	117.089		
13,900.00	7,780.00	7,343.00	7,336.02	165.31	25.83	29.16	-742.65	-1,363.86	6,887.58	6,829.55	58.03	118.695		
14,000.00	7,780.00	7,343.00	7,336.02	167.96	25.83	29.16	-742.65	-1,363.86	6,987.24	6,929.16	58.08	120.296		
14,100.00	7,780.00	7,343.00	7,336.02	170.61	25.83	29.16	-742.65	-1,363.86	7,086.91	7,028.77	58.14	121.894		
14,200.00	7,780.00	7,343.00	7,336.02	173.26	25.83	29.16	-742.65	-1,363.86	7,186.59	7,128.39	58.20	123.488		
14,300.00	7,780.00	7,328.76	7,321.82	175.92	25.78	28.48	-742.69	-1,362.73	7,286.14	7,227.91	58.23	125.120		
14,400.00	7,780.00	7,328.03	7,321.10	178.58	25.78	28.45	-742.69	-1,362.68	7,385.82	7,327.53	58.29	126.708		
14,500.00	7,780.00	7,327.33	7,320.40	181.23	25.78	28.42	-742.69	-1,362.63	7,485.51	7,427.16	58.35	128.293		
14,600.00	7,780.00	7,326.64	7,319.71	183.89	25.78	28.39	-742.69	-1,362.59	7,585.21	7,526.80	58.40	129.873		
14,700.00	7,780.00	7,325.96	7,319.04	186.55	25.77	28.35	-742.69	-1,362.54	7,684.91	7,626.45	58.46	131.449		
14,800.00	7,780.00	7,312.00	7,305.10	189.21	25.73	27.73	-742.75	-1,361.72	7,784.74	7,726.24	58.50	133.064		
14,900.00	7,780.00	7,312.00	7,305.10	191.88	25.73	27.73	-742.75	-1,361.72	7,884.45	7,825.88	58.56	134.630		
15,000.00	7,780.00	7,312.00	7,305.10	194.54	25.73	27.73	-742.75	-1,361.72	7,984.16	7,925.54	58.62	136.191		
15,100.00	7,780.00	7,312.00	7,305.10	197.20	25.73	27.73	-742.75	-1,361.72	8,083.88	8,025.20	58.69	137.748		
15,200.00	7,780.00	7,312.00	7,305.10	199.87	25.73	27.73	-742.75	-1,361.72	8,183.61	8,124.86	58.75	139.301		
15,300.00	7,780.00	7,312.00	7,305.10	202.53	25.73	27.73	-742.75	-1,361.72	8,283.35	8,224.54	58.81	140.849		
15,400.00	7,780.00	7,312.00	7,305.10	205.20	25.73	27.73	-742.75	-1,361.72	8,383.09	8,324.21	58.87	142.393		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
15,500.00	7,780.00	7,312.00	7,305.10	207.86	25.73	27.73	-742.75	-1,361.72	8,482.83	8,423.90	58.94	143.932	
15,600.00	7,780.00	7,312.00	7,305.10	210.53	25.73	27.73	-742.75	-1,361.72	8,582.59	8,523.59	59.00	145.467	
15,700.00	7,780.00	7,312.00	7,305.10	213.20	25.73	27.73	-742.75	-1,361.72	8,682.35	8,623.28	59.06	146.997	
15,800.00	7,780.00	7,312.00	7,305.10	215.87	25.73	40.35	-742.75	-1,361.72	8,782.09	8,722.96	59.13	148.521	
15,900.00	7,780.00	7,312.00	7,305.10	218.54	25.73	55.00	-742.75	-1,361.72	8,881.67	8,822.47	59.20	150.029	
16,000.00	7,780.00	7,312.00	7,305.10	221.22	25.73	59.86	-742.75	-1,361.72	8,981.01	8,921.74	59.27	151.521	
16,100.00	7,780.00	7,312.00	7,305.10	223.89	25.73	59.86	-742.75	-1,361.72	9,080.32	9,020.98	59.35	153.004	
16,200.00	7,780.00	7,312.00	7,305.10	226.57	25.73	59.86	-742.75	-1,361.72	9,179.65	9,120.23	59.42	154.484	
16,300.00	7,780.00	7,312.00	7,305.10	229.24	25.73	59.86	-742.75	-1,361.72	9,278.99	9,219.50	59.50	155.959	
16,400.00	7,780.00	7,312.00	7,305.10	231.92	25.73	59.86	-742.75	-1,361.72	9,378.35	9,318.78	59.57	157.429	
16,500.00	7,780.00	7,312.00	7,305.10	234.60	25.73	59.86	-742.75	-1,361.72	9,477.72	9,418.07	59.65	158.895	
16,600.00	7,780.00	7,312.00	7,305.10	237.28	25.73	59.86	-742.75	-1,361.72	9,577.10	9,517.38	59.72	160.356	
16,700.00	7,780.00	7,312.00	7,305.10	239.96	25.73	59.86	-742.75	-1,361.72	9,676.50	9,616.70	59.80	161.813	
16,800.00	7,780.00	7,312.00	7,305.10	242.64	25.73	59.86	-742.75	-1,361.72	9,775.91	9,716.03	59.88	163.266	
16,900.00	7,780.00	7,312.00	7,305.10	245.32	25.73	59.86	-742.75	-1,361.72	9,875.33	9,815.37	59.95	164.713	
17,000.00	7,780.00	7,312.00	7,305.10	248.00	25.73	59.86	-742.75	-1,361.72	9,974.76	9,914.73	60.03	166.156	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-36.34	1,485.88	-1,092.93	1,844.65					
100.00	100.00	74.97	74.97	0.13	0.18	-36.34	1,485.89	-1,093.04	1,844.62	1,844.31	0.31	5,876.983		
200.00	200.00	171.21	171.21	0.49	0.52	-36.35	1,486.00	-1,093.61	1,845.06	1,844.04	1.02	1,813.820		
300.00	300.00	271.56	271.56	0.85	0.88	-36.36	1,486.27	-1,094.05	1,845.54	1,843.80	1.73	1,064.388		
400.00	400.00	370.96	370.96	1.21	1.24	-36.36	1,486.69	-1,094.31	1,846.03	1,843.59	2.45	754.754		
500.00	500.00	471.23	471.22	1.57	1.59	-36.35	1,487.14	-1,094.52	1,846.52	1,843.36	3.16	584.089		
600.00	600.00	571.51	571.50	1.93	1.95	-36.36	1,487.50	-1,094.88	1,847.03	1,843.15	3.88	476.321		
700.00	700.00	671.07	671.06	2.29	2.31	-36.37	1,487.52	-1,095.62	1,847.48	1,842.89	4.59	402.463		
800.00	799.98	771.24	771.23	2.63	2.66	81.91	1,487.49	-1,096.56	1,847.77	1,842.47	5.29	349.107		
900.00	899.84	874.12	874.10	2.97	3.03	82.07	1,487.43	-1,097.35	1,847.45	1,841.45	6.00	307.928		
1,000.00	999.45	975.53	975.52	3.32	3.39	82.34	1,487.44	-1,097.80	1,846.53	1,839.82	6.71	275.072		
1,100.00	1,098.70	1,078.51	1,078.49	3.69	3.76	82.75	1,487.38	-1,098.13	1,845.07	1,837.63	7.44	247.846		
1,200.00	1,197.68	1,174.24	1,174.22	4.07	4.10	83.16	1,487.22	-1,098.54	1,843.42	1,835.25	8.16	225.774		
1,300.00	1,296.65	1,273.56	1,273.54	4.46	4.45	83.59	1,487.11	-1,099.03	1,841.95	1,833.04	8.91	206.717		
1,400.00	1,395.63	1,362.88	1,362.85	4.86	4.77	83.96	1,487.16	-1,099.74	1,840.88	1,831.25	9.63	191.178		
1,500.00	1,494.60	1,470.84	1,470.82	5.27	5.15	84.43	1,487.28	-1,100.44	1,839.88	1,829.46	10.42	176.610		
1,600.00	1,593.58	1,576.59	1,576.56	5.67	5.51	84.89	1,487.31	-1,100.47	1,838.58	1,827.40	11.19	164.375		
1,700.00	1,692.55	1,679.66	1,679.63	6.09	5.85	85.37	1,487.40	-1,099.75	1,837.04	1,825.10	11.94	153.865		
1,800.00	1,791.53	1,778.07	1,778.04	6.50	6.18	85.83	1,487.46	-1,099.02	1,835.58	1,822.89	12.68	144.728		
1,900.00	1,890.50	1,873.65	1,873.61	6.92	6.50	86.27	1,487.56	-1,098.60	1,834.43	1,821.01	13.42	136.652		
2,000.00	1,989.48	1,974.63	1,974.59	7.34	6.85	86.73	1,487.54	-1,098.20	1,833.32	1,819.14	14.19	129.234		
2,100.00	2,088.45	2,073.61	2,073.57	7.76	7.18	87.18	1,487.44	-1,097.84	1,832.28	1,817.34	14.94	122.609		
2,200.00	2,187.43	2,170.49	2,170.45	8.19	7.51	87.61	1,487.33	-1,097.60	1,831.39	1,815.69	15.70	116.654		
2,300.00	2,286.40	2,265.95	2,265.91	8.61	7.84	88.04	1,487.32	-1,097.54	1,830.80	1,814.35	16.45	111.268		
2,400.00	2,385.38	2,365.89	2,365.85	9.04	8.19	88.49	1,487.35	-1,097.53	1,830.38	1,813.16	17.23	106.261		
2,500.00	2,484.35	2,465.12	2,465.08	9.46	8.53	88.93	1,487.32	-1,097.49	1,830.02	1,812.03	17.99	101.702		
2,600.00	2,583.32	2,561.80	2,561.77	9.89	8.87	89.36	1,487.34	-1,097.57	1,829.86	1,811.11	18.76	97.547		
2,700.00	2,682.30	2,662.01	2,661.97	10.32	9.22	89.81	1,487.40	-1,097.63	1,829.84	1,810.30	19.54	93.652		
2,775.29	2,756.82	2,738.17	2,738.13	10.64	9.49	90.15	1,487.39	-1,097.63	1,829.82	1,809.70	20.13	90.915 CC		
2,800.00	2,781.27	2,762.26	2,762.22	10.75	9.57	90.26	1,487.38	-1,097.63	1,829.83	1,809.51	20.32	90.070		
2,900.00	2,880.25	2,861.23	2,861.19	11.18	9.91	90.70	1,487.36	-1,097.60	1,829.92	1,808.83	21.09	86.780		
3,000.00	2,979.22	2,960.44	2,960.40	11.61	10.26	91.14	1,487.29	-1,097.64	1,830.10	1,808.24	21.86	83.719		
3,100.00	3,078.20	3,058.17	3,058.13	12.04	10.60	91.58	1,487.28	-1,097.59	1,830.42	1,807.79	22.63	80.890		
3,200.00	3,177.17	3,153.32	3,153.28	12.47	10.93	92.01	1,487.40	-1,097.58	1,830.97	1,807.58	23.39	78.281		
3,300.00	3,276.15	3,253.76	3,253.73	12.90	11.28	92.45	1,487.62	-1,097.76	1,831.82	1,807.64	24.17	75.785		
3,400.00	3,375.12	3,356.23	3,356.19	13.33	11.64	92.91	1,487.62	-1,097.78	1,832.50	1,807.54	24.96	73.424 ES		
3,500.00	3,474.10	3,453.41	3,453.37	13.76	11.98	93.35	1,487.63	-1,097.71	1,833.27	1,807.54	25.73	71.263		
3,600.00	3,573.07	3,553.01	3,552.97	14.19	12.33	93.79	1,487.69	-1,097.76	1,834.24	1,807.73	26.50	69.207		
3,700.00	3,672.05	3,655.84	3,655.80	14.62	12.68	94.25	1,487.60	-1,097.76	1,835.17	1,807.88	27.29	67.244		
3,800.00	3,771.02	3,758.15	3,758.12	15.05	13.04	94.70	1,487.34	-1,097.63	1,836.01	1,807.94	28.07	65.398		
3,900.00	3,870.00	3,858.23	3,858.20	15.49	13.39	95.14	1,486.93	-1,097.57	1,836.84	1,807.99	28.85	63.666		
4,000.00	3,968.97	3,949.96	3,949.93	15.92	13.71	95.54	1,486.66	-1,097.63	1,837.94	1,808.34	29.60	62.093		
4,100.00	4,067.94	4,049.11	4,049.08	16.35	14.05	95.98	1,486.61	-1,097.69	1,839.36	1,808.99	30.38	60.555		
4,200.00	4,166.92	4,148.08	4,148.05	16.78	14.40	96.42	1,486.55	-1,097.71	1,840.87	1,809.72	31.15	59.099		
4,300.00	4,265.89	4,246.15	4,246.11	17.22	14.74	96.85	1,486.52	-1,097.73	1,842.52	1,810.60	31.92	57.726		
4,400.00	4,364.87	4,343.74	4,343.71	17.65	15.08	97.28	1,486.55	-1,097.82	1,844.36	1,811.67	32.69	56.427		
4,500.00	4,463.84	4,446.23	4,446.19	18.08	15.44	97.73	1,486.50	-1,097.84	1,846.20	1,812.73	33.47	55.159		
4,600.00	4,562.82	4,544.52	4,544.49	18.51	15.78	98.16	1,486.43	-1,097.76	1,848.10	1,813.86	34.24	53.976		
4,700.00	4,661.79	4,642.77	4,642.74	18.95	16.13	98.59	1,486.38	-1,097.74	1,850.14	1,815.14	35.01	52.850		
4,800.00	4,760.77	4,738.95	4,738.91	19.38	16.46	99.01	1,486.39	-1,097.73	1,852.36	1,816.59	35.77	51.788		
4,900.00	4,859.74	4,833.62	4,833.58	19.81	16.79	99.43	1,486.72	-1,097.61	1,854.95	1,818.43	36.52	50.791		
5,000.00	4,958.72	4,922.26	4,922.22	20.25	17.10	99.82	1,487.12	-1,097.46	1,857.78	1,820.53	37.25	49.872		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,057.69	4,993.00	4,992.94	20.68	17.34	100.15	1,488.62	-1,097.13	1,862.11	1,824.20	37.91	49.121		
5,200.00	5,156.67	5,062.01	5,061.89	21.12	17.58	100.50	1,491.32	-1,096.46	1,868.09	1,829.54	38.55	48.460		
5,300.00	5,255.64	5,150.24	5,150.00	21.55	17.89	100.95	1,495.82	-1,095.15	1,875.24	1,835.97	39.27	47.756		
5,400.00	5,354.62	5,226.27	5,225.90	21.98	18.16	101.35	1,500.11	-1,093.96	1,883.09	1,843.16	39.93	47.163		
5,500.00	5,453.59	5,277.00	5,276.49	22.42	18.33	101.62	1,503.73	-1,093.19	1,892.77	1,852.32	40.45	46.789		
5,600.00	5,552.56	5,339.87	5,339.07	22.85	18.56	101.97	1,509.67	-1,092.08	1,904.66	1,863.64	41.02	46.430		
5,700.00	5,651.54	5,391.45	5,390.24	23.28	18.74	102.27	1,516.08	-1,090.90	1,919.18	1,877.67	41.51	46.234		
5,800.00	5,750.51	5,444.35	5,442.51	23.72	18.92	102.60	1,523.99	-1,089.31	1,936.12	1,894.14	41.98	46.117		
5,900.00	5,849.49	5,506.84	5,504.00	24.15	19.15	103.02	1,534.85	-1,086.75	1,955.30	1,912.80	42.50	46.008		
6,000.00	5,948.46	5,579.63	5,575.28	24.59	19.41	103.55	1,548.88	-1,082.22	1,976.08	1,933.01	43.07	45.879		
6,100.00	6,047.44	5,670.20	5,663.64	25.02	19.74	104.26	1,567.25	-1,074.72	1,997.75	1,953.99	43.76	45.651		
6,200.00	6,146.41	5,791.87	5,782.23	25.45	20.19	105.23	1,591.81	-1,063.00	2,019.51	1,974.85	44.66	45.215		
6,300.00	6,245.39	5,913.08	5,900.75	25.89	20.64	106.18	1,614.00	-1,050.61	2,039.58	1,994.02	45.56	44.765		
6,400.00	6,344.36	5,991.67	5,977.53	26.32	20.94	106.80	1,628.42	-1,042.05	2,060.05	2,013.87	46.18	44.612		
6,500.00	6,443.34	6,063.71	6,047.69	26.76	21.22	107.38	1,642.45	-1,033.68	2,081.82	2,035.08	46.74	44.539 SF		
6,600.00	6,542.31	6,126.00	6,108.18	27.19	21.47	107.88	1,655.23	-1,026.08	2,104.97	2,057.74	47.23	44.569		
6,700.00	6,641.29	6,187.77	6,167.90	27.63	21.71	108.39	1,668.85	-1,018.13	2,129.85	2,082.15	47.70	44.649		
6,800.00	6,740.26	6,245.66	6,223.56	28.06	21.95	108.88	1,682.72	-1,010.30	2,156.75	2,108.62	48.13	44.808		
6,900.00	6,839.24	6,315.00	6,289.93	28.50	22.24	109.46	1,700.32	-1,000.67	2,185.31	2,136.67	48.64	44.924		
7,000.00	6,938.21	6,372.64	6,344.89	28.93	22.48	109.94	1,715.66	-992.50	2,215.39	2,166.33	49.05	45.162		
7,100.00	7,037.18	6,433.91	6,403.07	29.36	22.74	110.45	1,732.68	-983.64	2,246.99	2,197.50	49.49	45.407		
7,200.00	7,136.16	6,491.96	6,457.86	29.80	23.00	110.94	1,749.60	-974.65	2,280.20	2,230.32	49.88	45.714		
7,300.00	7,235.71	6,541.89	6,504.71	30.16	23.23	-149.82	1,764.89	-966.64	2,316.10	2,265.97	50.13	46.200		
7,400.00	7,334.44	6,598.00	6,557.07	30.38	23.48	-107.49	1,783.14	-958.04	2,354.99	2,304.64	50.34	46.778		
7,500.00	7,429.33	6,651.99	6,607.35	30.53	23.73	-96.01	1,801.46	-950.90	2,395.28	2,344.78	50.50	47.427		
7,600.00	7,517.51	6,716.61	6,667.63	30.60	24.04	-89.38	1,823.86	-944.57	2,435.62	2,384.84	50.78	47.965		
7,700.00	7,596.31	6,783.32	6,729.84	30.64	24.35	-84.61	1,847.28	-938.85	2,474.97	2,423.84	51.13	48.406		
7,800.00	7,663.31	6,842.04	6,784.50	30.67	24.64	-80.77	1,868.11	-933.71	2,512.80	2,461.28	51.51	48.782		
7,900.00	7,716.50	6,895.98	6,834.58	30.73	24.90	-77.59	1,887.43	-928.46	2,548.72	2,496.72	52.01	49.009		
8,000.00	7,754.25	6,949.90	6,884.68	30.89	25.17	-75.03	1,906.63	-923.09	2,582.25	2,529.56	52.70	49.002		
8,100.00	7,775.41	6,985.66	6,917.95	31.21	25.35	-72.61	1,919.24	-919.54	2,613.19	2,559.77	53.43	48.911		
8,200.00	7,780.00	6,993.48	6,925.22	31.71	25.39	-70.75	1,922.01	-918.78	2,641.59	2,587.51	54.08	48.842		
8,300.00	7,780.00	7,001.03	6,932.25	32.46	25.43	-70.92	1,924.68	-918.05	2,671.72	2,616.83	54.89	48.673		
8,400.00	7,780.00	7,008.46	6,939.16	33.45	25.46	-71.09	1,927.31	-917.33	2,705.18	2,649.37	55.81	48.470		
8,500.00	7,780.00	7,015.74	6,945.94	34.65	25.50	-71.25	1,929.89	-916.64	2,741.86	2,685.04	56.82	48.252		
8,600.00	7,780.00	7,022.90	6,952.60	36.03	25.54	-71.41	1,932.42	-915.96	2,781.63	2,723.72	57.90	48.039		
8,700.00	7,780.00	7,029.93	6,959.14	37.56	25.57	-71.57	1,934.92	-915.30	2,824.35	2,765.32	59.03	47.845		
8,800.00	7,780.00	7,036.84	6,965.57	39.22	25.61	-71.72	1,937.37	-914.66	2,869.91	2,809.72	60.19	47.680		
8,900.00	7,780.00	7,043.63	6,971.88	40.99	25.64	-71.88	1,939.79	-914.04	2,918.16	2,856.80	61.37	47.554		
9,000.00	7,780.00	7,050.30	6,978.08	42.86	25.67	-72.03	1,942.16	-913.43	2,968.98	2,906.44	62.54	47.471		
9,100.00	7,780.00	7,056.86	6,984.18	44.82	25.71	-72.17	1,944.50	-912.83	3,022.23	2,958.52	63.71	47.435		
9,200.00	7,780.00	7,063.30	6,990.17	46.84	25.74	-72.32	1,946.80	-912.25	3,077.80	3,012.93	64.87	47.447		
9,300.00	7,780.00	7,070.00	6,996.40	48.94	25.77	-72.47	1,949.19	-911.66	3,135.55	3,069.55	66.00	47.506		
9,400.00	7,780.00	7,077.52	7,003.39	51.09	25.81	-72.64	1,951.88	-910.99	3,195.37	3,128.25	67.12	47.605		
9,500.00	7,780.00	7,085.44	7,010.75	53.29	25.85	-72.82	1,954.70	-910.29	3,257.14	3,188.93	68.22	47.748		
9,600.00	7,780.00	7,093.30	7,018.06	55.53	25.89	-72.99	1,957.51	-909.60	3,320.76	3,251.48	69.28	47.935		
9,700.00	7,780.00	7,101.10	7,025.32	57.81	25.93	-73.17	1,960.30	-908.92	3,386.11	3,315.81	70.30	48.165		
9,800.00	7,780.00	7,108.85	7,032.53	60.13	25.97	-73.34	1,963.07	-908.24	3,453.10	3,381.81	71.29	48.435		
9,900.00	7,780.00	7,116.54	7,039.68	62.48	26.01	-73.51	1,965.81	-907.57	3,521.64	3,449.40	72.25	48.743		
10,000.00	7,780.00	7,124.18	7,046.78	64.85	26.05	-73.69	1,968.54	-906.91	3,591.64	3,518.48	73.17	49.087		
10,100.00	7,780.00	7,131.76	7,053.83	67.25	26.09	-73.86	1,971.24	-906.25	3,663.02	3,588.97	74.05	49.464		
10,200.00	7,780.00	7,139.28	7,060.83	69.67	26.13	-74.02	1,973.93	-905.60	3,735.69	3,660.79	74.91	49.872		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,300.00	7,780.00	7,146.76	7,067.78	72.11	26.17	-74.19	1,976.60	-904.96	3,809.59	3,733.86	75.72	50.309		
10,400.00	7,780.00	7,154.17	7,074.68	74.56	26.21	-74.36	1,979.25	-904.32	3,884.64	3,808.13	76.51	50.774		
10,500.00	7,780.00	7,161.54	7,081.54	77.04	26.24	-74.52	1,981.87	-903.70	3,960.77	3,883.51	77.26	51.264		
10,600.00	7,780.00	7,164.00	7,083.82	79.52	26.26	-74.58	1,982.75	-903.49	4,037.94	3,960.00	77.93	51.812		
10,700.00	7,780.00	7,173.46	7,092.62	82.02	26.31	-74.79	1,986.13	-902.69	4,116.07	4,037.42	78.65	52.332		
10,800.00	7,780.00	7,179.03	7,097.81	84.54	26.33	-74.91	1,988.12	-902.22	4,195.12	4,115.82	79.30	52.900		
10,900.00	7,780.00	7,184.52	7,102.92	87.06	26.36	-75.03	1,990.08	-901.76	4,275.04	4,195.12	79.93	53.488		
11,000.00	7,780.00	7,189.94	7,107.96	89.59	26.39	-75.16	1,992.02	-901.31	4,355.78	4,275.26	80.52	54.094		
11,100.00	7,780.00	7,195.29	7,112.93	92.14	26.42	-75.27	1,993.93	-900.87	4,437.30	4,356.20	81.10	54.717		
11,200.00	7,780.00	7,200.56	7,117.83	94.69	26.45	-75.39	1,995.82	-900.44	4,519.55	4,437.90	81.65	55.356		
11,300.00	7,780.00	7,205.76	7,122.66	97.24	26.47	-75.51	1,997.68	-900.02	4,602.49	4,520.32	82.17	56.009		
11,400.00	7,780.00	7,210.88	7,127.43	99.81	26.50	-75.62	1,999.52	-899.61	4,686.09	4,603.41	82.68	56.677		
11,500.00	7,780.00	7,215.94	7,132.14	102.38	26.53	-75.73	2,001.34	-899.20	4,770.31	4,687.14	83.17	57.358		
11,600.00	7,780.00	7,220.93	7,136.78	104.96	26.55	-75.85	2,003.13	-898.80	4,855.13	4,771.49	83.64	58.050		
11,700.00	7,780.00	7,225.86	7,141.36	107.55	26.58	-75.96	2,004.90	-898.42	4,940.50	4,856.41	84.09	58.755		
11,800.00	7,780.00	7,230.72	7,145.88	110.14	26.60	-76.06	2,006.64	-898.03	5,026.41	4,941.89	84.52	59.469		
11,900.00	7,780.00	7,235.51	7,150.34	112.73	26.63	-76.17	2,008.37	-897.66	5,112.82	5,027.88	84.94	60.194		
12,000.00	7,780.00	7,240.25	7,154.74	115.33	26.65	-76.28	2,010.07	-897.29	5,199.71	5,114.37	85.34	60.929		
12,100.00	7,780.00	7,244.92	7,159.08	117.93	26.68	-76.38	2,011.75	-896.93	5,287.06	5,201.33	85.73	61.672		
12,200.00	7,780.00	7,259.00	7,172.18	120.54	26.75	-76.69	2,016.82	-895.86	5,374.86	5,288.64	86.21	62.344		
12,300.00	7,780.00	7,259.00	7,172.18	123.15	26.75	-76.69	2,016.82	-895.86	5,463.05	5,376.52	86.52	63.140		
12,400.00	7,780.00	7,259.00	7,172.18	125.77	26.75	-76.69	2,016.82	-895.86	5,551.63	5,464.82	86.82	63.945		
12,500.00	7,780.00	7,259.00	7,172.18	128.39	26.75	-76.69	2,016.82	-895.86	5,640.61	5,553.50	87.11	64.756		
12,600.00	7,780.00	7,259.00	7,172.18	131.01	26.75	-76.69	2,016.82	-895.86	5,729.94	5,642.56	87.38	65.575		
12,700.00	7,780.00	7,259.00	7,172.18	133.63	26.75	-76.69	2,016.82	-895.86	5,819.62	5,731.98	87.64	66.400		
12,800.00	7,780.00	7,259.00	7,172.18	136.26	26.75	-76.69	2,016.82	-895.86	5,909.63	5,821.73	87.90	67.231		
12,900.00	7,780.00	7,259.00	7,172.18	138.89	26.75	-76.69	2,016.82	-895.86	5,999.96	5,911.81	88.15	68.068		
13,000.00	7,780.00	7,259.00	7,172.18	141.52	26.75	-76.69	2,016.82	-895.86	6,090.59	6,002.21	88.38	68.911		
13,100.00	7,780.00	7,259.00	7,172.18	144.16	26.75	-76.69	2,016.82	-895.86	6,181.51	6,092.90	88.61	69.759		
13,200.00	7,780.00	7,259.00	7,172.18	146.79	26.75	-76.69	2,016.82	-895.86	6,272.71	6,183.87	88.83	70.611		
13,300.00	7,780.00	7,259.00	7,172.18	149.43	26.75	-76.69	2,016.82	-895.86	6,364.17	6,275.12	89.05	71.469		
13,400.00	7,780.00	7,259.00	7,172.18	152.07	26.75	-76.69	2,016.82	-895.86	6,455.88	6,366.63	89.26	72.330		
13,500.00	7,780.00	7,259.00	7,172.18	154.72	26.75	-76.69	2,016.82	-895.86	6,547.84	6,458.38	89.46	73.196		
13,600.00	7,780.00	7,259.00	7,172.18	157.36	26.75	-76.69	2,016.82	-895.86	6,640.03	6,550.38	89.65	74.066		
13,700.00	7,780.00	7,259.00	7,172.18	160.01	26.75	-76.69	2,016.82	-895.86	6,732.44	6,642.60	89.84	74.939		
13,800.00	7,780.00	7,259.00	7,172.18	162.66	26.75	-76.69	2,016.82	-895.86	6,825.07	6,735.04	90.02	75.816		
13,900.00	7,780.00	7,290.55	7,201.44	165.31	26.92	-77.39	2,028.38	-893.58	6,917.65	6,827.07	90.59	76.366		
14,000.00	7,780.00	7,292.46	7,203.21	167.96	26.93	-77.43	2,029.09	-893.45	7,010.65	6,919.87	90.78	77.225		
14,100.00	7,780.00	7,294.34	7,204.95	170.61	26.94	-77.47	2,029.80	-893.32	7,103.84	7,012.87	90.97	78.087		
14,200.00	7,780.00	7,296.20	7,206.67	173.26	26.95	-77.51	2,030.49	-893.19	7,197.21	7,106.05	91.16	78.951		
14,300.00	7,780.00	7,298.04	7,208.37	175.92	26.96	-77.55	2,031.18	-893.07	7,290.76	7,199.42	91.34	79.818		
14,400.00	7,780.00	7,299.86	7,210.05	178.58	26.97	-77.59	2,031.87	-892.94	7,384.47	7,292.95	91.52	80.687		
14,500.00	7,780.00	7,301.65	7,211.71	181.23	26.98	-77.63	2,032.54	-892.82	7,478.34	7,386.65	91.69	81.559		
14,600.00	7,780.00	7,303.42	7,213.34	183.89	26.99	-77.67	2,033.21	-892.71	7,572.37	7,480.51	91.86	82.432		
14,700.00	7,780.00	7,305.17	7,214.96	186.55	27.00	-77.71	2,033.87	-892.59	7,666.55	7,574.52	92.03	83.307		
14,800.00	7,780.00	7,306.90	7,216.56	189.21	27.00	-77.75	2,034.52	-892.48	7,760.87	7,668.68	92.19	84.184		
14,900.00	7,780.00	7,308.61	7,218.14	191.88	27.01	-77.79	2,035.17	-892.36	7,855.33	7,762.99	92.35	85.063		
15,000.00	7,780.00	7,310.30	7,219.69	194.54	27.02	-77.82	2,035.81	-892.25	7,949.93	7,857.43	92.50	85.943		
15,100.00	7,780.00	7,311.97	7,221.24	197.20	27.03	-77.86	2,036.45	-892.15	8,044.65	7,952.00	92.65	86.825		
15,200.00	7,780.00	7,313.62	7,222.76	199.87	27.04	-77.90	2,037.08	-892.04	8,139.50	8,046.70	92.80	87.708		
15,300.00	7,780.00	7,315.25	7,224.26	202.53	27.05	-77.93	2,037.70	-891.93	8,234.48	8,141.53	92.95	88.592		
15,400.00	7,780.00	7,316.87	7,225.75	205.20	27.06	-77.97	2,038.31	-891.83	8,329.56	8,236.47	93.09	89.477		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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: 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	7,318.46	7,227.22	207.86	27.07	-78.00	2,038.92	-891.73	8,424.76	8,331.53	93.23	90.364	
15,600.00	7,780.00	7,320.04	7,228.67	210.53	27.07	-78.04	2,039.53	-891.63	8,520.07	8,426.70	93.37	91.251	
15,700.00	7,780.00	7,353.00	7,258.97	213.20	27.25	-78.76	2,052.37	-889.67	8,615.70	8,521.79	93.91	91.743	
15,800.00	7,780.00	7,353.00	7,258.97	215.87	27.25	-78.00	2,052.37	-889.67	8,711.35	8,617.33	94.02	92.651	
15,900.00	7,780.00	7,353.00	7,258.97	218.54	27.25	-76.34	2,052.37	-889.67	8,807.94	8,713.81	94.13	93.575	
16,000.00	7,780.00	7,353.00	7,258.97	221.22	27.25	-75.30	2,052.37	-889.67	8,905.32	8,811.10	94.22	94.515	
16,100.00	7,780.00	7,353.00	7,258.97	223.89	27.25	-75.30	2,052.37	-889.67	9,002.85	8,908.54	94.31	95.458	
16,200.00	7,780.00	7,353.00	7,258.97	226.57	27.25	-75.30	2,052.37	-889.67	9,100.44	9,006.04	94.40	96.401	
16,300.00	7,780.00	7,353.00	7,258.97	229.24	27.25	-75.30	2,052.37	-889.67	9,198.08	9,103.59	94.49	97.344	
16,400.00	7,780.00	7,353.00	7,258.97	231.92	27.25	-75.30	2,052.37	-889.67	9,295.77	9,201.19	94.58	98.287	
16,500.00	7,780.00	7,353.00	7,258.97	234.60	27.25	-75.30	2,052.37	-889.67	9,393.51	9,298.85	94.66	99.230	
16,600.00	7,780.00	7,353.00	7,258.97	237.28	27.25	-75.30	2,052.37	-889.67	9,491.30	9,396.55	94.75	100.173	
16,700.00	7,780.00	7,353.00	7,258.97	239.96	27.25	-75.30	2,052.37	-889.67	9,589.13	9,494.30	94.83	101.116	
16,800.00	7,780.00	7,353.00	7,258.97	242.64	27.25	-75.30	2,052.37	-889.67	9,687.00	9,592.09	94.92	102.058	
16,900.00	7,780.00	7,353.00	7,258.97	245.32	27.25	-75.30	2,052.37	-889.67	9,784.92	9,689.92	95.00	103.000	
17,000.00	7,780.00	7,353.00	7,258.97	248.00	27.25	-75.30	2,052.37	-889.67	9,882.88	9,787.80	95.08	103.942	
17,100.00	7,780.00	7,353.00	7,258.97	250.68	27.25	-75.30	2,052.37	-889.67	9,980.88	9,885.72	95.16	104.884	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-35.34	1,485.51	-1,053.28	1,821.13					
100.00	100.00	79.01	79.01	0.13	0.19	-35.34	1,485.53	-1,053.27	1,821.03	1,820.71	0.33	5,562.761		
200.00	200.00	172.20	172.20	0.49	0.52	-35.34	1,485.74	-1,053.42	1,821.32	1,820.30	1.02	1,794.302		
300.00	300.00	273.29	273.29	0.85	0.88	-35.34	1,486.05	-1,053.70	1,821.72	1,819.99	1.73	1,051.879		
400.00	400.00	372.63	372.63	1.21	1.23	-35.34	1,486.35	-1,053.97	1,822.12	1,819.68	2.44	745.354		
500.00	500.00	472.51	472.51	1.57	1.59	-35.34	1,486.64	-1,054.33	1,822.57	1,819.41	3.16	576.832		
600.00	600.00	574.01	574.01	1.93	1.95	-35.35	1,486.85	-1,054.66	1,822.93	1,819.05	3.88	469.830		
700.00	700.00	674.98	674.97	2.29	2.31	-35.36	1,486.95	-1,055.12	1,823.27	1,818.68	4.60	396.644		
800.00	799.98	775.82	775.82	2.63	2.67	82.94	1,486.91	-1,055.61	1,823.31	1,818.01	5.30	344.061		
900.00	899.84	876.30	876.29	2.97	3.02	83.10	1,486.82	-1,056.14	1,822.91	1,816.91	5.99	304.080		
1,000.00	999.45	972.05	972.04	3.32	3.36	83.36	1,486.74	-1,056.73	1,822.16	1,815.48	6.69	272.542		
1,100.00	1,098.70	1,074.20	1,074.19	3.69	3.73	83.75	1,486.78	-1,057.37	1,821.17	1,813.76	7.42	245.587		
1,200.00	1,197.68	1,175.56	1,175.55	4.07	4.09	84.19	1,486.56	-1,058.05	1,819.86	1,811.70	8.16	223.118		
1,300.00	1,296.65	1,276.52	1,276.50	4.46	4.44	84.61	1,486.18	-1,058.75	1,818.53	1,809.62	8.90	204.219		
1,400.00	1,395.63	1,377.02	1,377.00	4.86	4.80	85.04	1,485.70	-1,059.40	1,817.19	1,807.53	9.66	188.141		
1,500.00	1,494.60	1,474.33	1,474.31	5.27	5.14	85.45	1,485.21	-1,060.15	1,815.99	1,805.58	10.41	174.477		
1,600.00	1,593.58	1,573.43	1,573.40	5.67	5.50	85.87	1,484.84	-1,060.79	1,814.94	1,803.77	11.17	162.488		
1,700.00	1,692.55	1,674.28	1,674.25	6.09	5.85	86.31	1,484.51	-1,061.30	1,813.94	1,802.00	11.94	151.920		
1,800.00	1,791.53	1,773.09	1,773.06	6.50	6.20	86.74	1,484.21	-1,061.55	1,812.94	1,800.23	12.70	142.698		
1,900.00	1,890.50	1,869.45	1,869.42	6.92	6.54	87.16	1,483.94	-1,062.06	1,812.20	1,798.74	13.47	134.582		
2,000.00	1,989.48	1,968.40	1,968.37	7.34	6.90	87.58	1,483.61	-1,062.75	1,811.62	1,797.38	14.24	127.226		
2,100.00	2,088.45	2,066.02	2,065.98	7.76	7.25	87.99	1,483.27	-1,063.52	1,811.16	1,796.15	15.01	120.659		
2,200.00	2,187.43	2,165.46	2,165.42	8.19	7.60	88.41	1,482.98	-1,064.37	1,810.88	1,795.09	15.79	114.686		
2,300.00	2,286.40	2,267.50	2,267.45	8.61	7.95	88.86	1,482.80	-1,064.75	1,810.57	1,794.01	16.57	109.301		
2,400.00	2,385.38	2,366.05	2,366.01	9.04	8.29	89.31	1,482.77	-1,064.73	1,810.30	1,792.98	17.33	104.471		
2,500.00	2,484.35	2,463.54	2,463.50	9.46	8.63	89.75	1,482.77	-1,064.81	1,810.23	1,792.13	18.10	100.024		
2,583.24	2,566.74	2,547.83	2,547.79	9.82	8.92	90.13	1,482.78	-1,064.82	1,810.22	1,791.48	18.74	96.581 CC		
2,600.00	2,583.32	2,564.07	2,564.02	9.89	8.98	90.20	1,482.78	-1,064.81	1,810.23	1,791.36	18.87	95.943		
2,700.00	2,682.30	2,662.91	2,662.86	10.32	9.31	90.65	1,482.77	-1,064.80	1,810.32	1,790.70	19.62	92.248		
2,800.00	2,781.27	2,762.13	2,762.08	10.75	9.64	91.10	1,482.76	-1,064.74	1,810.51	1,790.12	20.38	88.816		
2,900.00	2,880.25	2,860.52	2,860.47	11.18	9.97	91.55	1,482.79	-1,064.67	1,810.83	1,789.69	21.15	85.627		
3,000.00	2,979.22	2,959.31	2,959.27	11.61	10.32	91.99	1,482.79	-1,064.68	1,811.29	1,789.37	21.92	82.635		
3,100.00	3,078.20	3,058.82	3,058.77	12.04	10.66	92.44	1,482.82	-1,064.66	1,811.86	1,789.16	22.69	79.842		
3,200.00	3,177.17	3,157.03	3,156.99	12.47	11.00	92.88	1,482.77	-1,064.70	1,812.50	1,789.04	23.46	77.249 ES		
3,300.00	3,276.15	3,255.68	3,255.63	12.90	11.34	93.33	1,482.85	-1,064.69	1,813.35	1,789.12	24.23	74.831		
3,400.00	3,375.12	3,355.93	3,355.88	13.33	11.69	93.78	1,482.89	-1,064.62	1,814.25	1,789.25	25.00	72.560		
3,500.00	3,474.10	3,454.04	3,453.99	13.76	12.03	94.22	1,482.88	-1,064.60	1,815.24	1,789.47	25.77	70.438		
3,600.00	3,573.07	3,552.90	3,552.86	14.19	12.37	94.67	1,482.88	-1,064.68	1,816.40	1,789.85	26.55	68.420		
3,700.00	3,672.05	3,651.79	3,651.75	14.62	12.73	95.11	1,482.85	-1,064.81	1,817.65	1,790.32	27.33	66.514		
3,800.00	3,771.02	3,752.17	3,752.13	15.05	13.08	95.55	1,482.83	-1,064.86	1,818.99	1,790.89	28.11	64.717		
3,900.00	3,870.00	3,850.45	3,850.40	15.49	13.41	95.99	1,482.81	-1,064.83	1,820.41	1,791.54	28.87	63.054		
4,000.00	3,968.97	3,951.42	3,951.37	15.92	13.76	96.45	1,482.76	-1,064.82	1,821.92	1,792.28	29.65	61.457		
4,100.00	4,067.94	4,047.02	4,046.98	16.35	14.09	96.87	1,482.71	-1,064.85	1,823.57	1,793.16	30.41	59.970		
4,200.00	4,166.92	4,145.44	4,145.40	16.78	14.44	97.31	1,482.76	-1,064.96	1,825.43	1,794.25	31.18	58.540		
4,300.00	4,265.89	4,247.54	4,247.49	17.22	14.80	97.76	1,482.74	-1,065.05	1,827.34	1,795.37	31.97	57.158		
4,400.00	4,364.87	4,346.70	4,346.65	17.65	15.15	98.19	1,482.65	-1,065.11	1,829.27	1,796.53	32.75	55.862		
4,500.00	4,463.84	4,446.25	4,446.21	18.08	15.50	98.63	1,482.52	-1,065.15	1,831.27	1,797.75	33.52	54.630		
4,600.00	4,562.82	4,543.42	4,543.37	18.51	15.84	99.06	1,482.46	-1,065.13	1,833.43	1,799.15	34.28	53.478		
4,700.00	4,661.79	4,641.15	4,641.10	18.95	16.18	99.49	1,482.45	-1,065.27	1,835.78	1,800.73	35.05	52.378		
4,800.00	4,760.77	4,739.80	4,739.75	19.38	16.52	99.92	1,482.50	-1,065.28	1,838.28	1,802.46	35.82	51.326		
4,900.00	4,859.74	4,838.78	4,838.74	19.81	16.86	100.36	1,482.60	-1,065.23	1,840.89	1,804.31	36.58	50.326		
5,000.00	4,958.72	4,938.73	4,938.68	20.25	17.20	100.79	1,482.66	-1,065.19	1,843.59	1,806.24	37.35	49.364		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,057.69	5,038.49	5,038.45	20.68	17.55	101.23	1,482.69	-1,065.08	1,846.33	1,808.22	38.11	48.442		
5,200.00	5,156.67	5,136.04	5,136.00	21.12	17.89	101.66	1,482.68	-1,065.08	1,849.19	1,810.31	38.88	47.567		
5,300.00	5,255.64	5,216.65	5,216.60	21.55	18.17	102.01	1,482.95	-1,065.01	1,852.50	1,812.93	39.57	46.813		
5,400.00	5,354.62	5,277.00	5,276.94	21.98	18.38	102.29	1,484.16	-1,064.83	1,857.49	1,817.31	40.18	46.230		
5,500.00	5,453.59	5,345.31	5,345.18	22.42	18.61	102.63	1,487.01	-1,063.98	1,864.41	1,823.60	40.81	45.689		
5,600.00	5,552.56	5,410.03	5,409.72	22.85	18.84	103.00	1,491.34	-1,062.05	1,873.35	1,831.95	41.40	45.247		
5,700.00	5,651.54	5,481.46	5,480.76	23.28	19.08	103.46	1,497.79	-1,058.28	1,884.12	1,842.11	42.02	44.840		
5,800.00	5,750.51	5,607.14	5,605.05	23.72	19.52	104.46	1,510.79	-1,045.21	1,895.43	1,852.54	42.90	44.187		
5,900.00	5,849.49	5,758.79	5,753.40	24.15	20.05	106.00	1,524.76	-1,017.19	1,904.27	1,860.40	43.87	43.403		
6,000.00	5,948.46	5,840.55	5,832.83	24.59	20.34	106.89	1,532.09	-999.23	1,912.99	1,868.45	44.54	42.949		
6,100.00	6,047.44	5,936.15	5,925.53	25.02	20.69	107.95	1,540.89	-977.61	1,922.52	1,877.25	45.27	42.469		
6,200.00	6,146.41	6,025.68	6,012.49	25.45	21.03	108.92	1,549.04	-957.91	1,932.74	1,886.76	45.97	42.041		
6,300.00	6,245.39	6,098.79	6,083.48	25.89	21.31	109.70	1,556.08	-941.91	1,944.13	1,897.54	46.59	41.727		
6,400.00	6,344.36	6,169.76	6,152.12	26.32	21.58	110.48	1,563.78	-925.60	1,957.19	1,910.00	47.19	41.473		
6,500.00	6,443.34	6,245.19	6,224.88	26.76	21.88	111.31	1,572.82	-907.91	1,971.92	1,924.11	47.81	41.247		
6,600.00	6,542.31	6,330.87	6,307.46	27.19	22.22	112.25	1,583.41	-887.66	1,987.70	1,939.22	48.48	41.000		
6,700.00	6,641.29	6,403.80	6,377.57	27.63	22.52	113.06	1,592.95	-869.95	2,004.79	1,955.72	49.07	40.855		
6,800.00	6,740.26	6,462.44	6,433.71	28.06	22.77	113.71	1,601.34	-855.25	2,023.71	1,974.15	49.56	40.833		
6,900.00	6,839.24	6,520.47	6,489.00	28.50	23.01	114.36	1,610.60	-840.29	2,044.80	1,994.77	50.03	40.874		
7,000.00	6,938.21	6,580.99	6,546.39	28.93	23.28	115.05	1,621.12	-824.23	2,067.92	2,017.43	50.50	40.952		
7,100.00	7,037.18	6,636.93	6,599.14	29.36	23.53	115.69	1,631.63	-808.82	2,093.07	2,042.16	50.92	41.108		
7,200.00	7,136.16	6,692.00	6,650.59	29.80	23.78	116.34	1,642.83	-792.73	2,120.40	2,069.09	51.31	41.326		
7,300.00	7,235.71	6,758.68	6,712.36	30.16	24.10	-144.83	1,657.15	-772.10	2,149.79	2,098.06	51.73	41.556		
7,400.00	7,334.44	6,836.00	6,783.35	30.38	24.48	-103.18	1,674.32	-746.72	2,180.10	2,127.94	52.16	41.798		
7,500.00	7,429.33	6,917.24	6,857.23	30.53	24.90	-92.68	1,692.66	-718.36	2,209.80	2,157.21	52.59	42.016		
7,600.00	7,517.51	6,994.07	6,926.53	30.60	25.31	-87.17	1,710.39	-690.32	2,238.02	2,185.01	53.01	42.221		
7,700.00	7,596.31	7,061.40	6,986.64	30.64	25.69	-83.51	1,726.46	-664.59	2,264.43	2,211.03	53.40	42.407		
7,800.00	7,663.31	7,134.04	7,051.44	30.67	26.10	-81.08	1,744.44	-637.14	2,288.60	2,234.65	53.96	42.417		
7,900.00	7,716.50	7,189.86	7,102.08	30.73	26.41	-79.29	1,758.72	-618.55	2,310.45	2,255.93	54.52	42.378		
8,000.00	7,754.25	7,223.87	7,133.77	30.89	26.58	-77.68	1,767.82	-610.27	2,330.68	2,275.59	55.09	42.306		
8,100.00	7,775.41	7,259.00	7,167.05	31.21	26.76	-76.51	1,777.50	-604.58	2,349.73	2,293.83	55.90	42.036		
8,200.00	7,780.00	7,259.00	7,167.05	31.71	26.76	-75.23	1,777.50	-604.58	2,367.47	2,310.91	56.56	41.857		
8,300.00	7,780.00	7,259.00	7,167.05	32.46	26.76	-75.23	1,777.50	-604.58	2,387.86	2,330.48	57.38	41.617		
8,400.00	7,780.00	7,259.00	7,167.05	33.45	26.76	-75.23	1,777.50	-604.58	2,412.22	2,353.91	58.31	41.366		
8,500.00	7,780.00	7,259.00	7,167.05	34.65	26.76	-75.23	1,777.50	-604.58	2,440.44	2,381.10	59.34	41.125		
8,600.00	7,780.00	7,259.00	7,167.05	36.03	26.76	-75.23	1,777.50	-604.58	2,472.39	2,411.95	60.44	40.907		
8,700.00	7,780.00	7,259.00	7,167.05	37.56	26.76	-75.23	1,777.50	-604.58	2,507.92	2,446.34	61.58	40.727		
8,800.00	7,780.00	7,259.00	7,167.05	39.22	26.76	-75.23	1,777.50	-604.58	2,546.88	2,484.14	62.74	40.593		
8,900.00	7,780.00	7,259.00	7,167.05	40.99	26.76	-75.23	1,777.50	-604.58	2,589.12	2,525.21	63.91	40.510		
9,000.00	7,780.00	7,259.00	7,167.05	42.86	26.76	-75.23	1,777.50	-604.58	2,634.48	2,569.41	65.08	40.483 SF		
9,100.00	7,780.00	7,259.00	7,167.05	44.82	26.76	-75.23	1,777.50	-604.58	2,682.81	2,616.59	66.22	40.514		
9,200.00	7,780.00	7,259.00	7,167.05	46.84	26.76	-75.23	1,777.50	-604.58	2,733.94	2,666.60	67.34	40.602		
9,300.00	7,780.00	7,259.00	7,167.05	48.94	26.76	-75.23	1,777.50	-604.58	2,787.72	2,719.30	68.42	40.746		
9,400.00	7,780.00	7,259.00	7,167.05	51.09	26.76	-75.23	1,777.50	-604.58	2,844.00	2,774.54	69.46	40.945		
9,500.00	7,780.00	7,259.00	7,167.05	53.29	26.76	-75.23	1,777.50	-604.58	2,902.63	2,832.17	70.46	41.196		
9,600.00	7,780.00	7,259.00	7,167.05	55.53	26.76	-75.23	1,777.50	-604.58	2,963.48	2,892.06	71.42	41.496		
9,700.00	7,780.00	7,294.76	7,201.11	57.81	26.92	-76.11	1,787.81	-601.05	3,025.46	2,952.77	72.69	41.621		
9,800.00	7,780.00	7,296.36	7,202.63	60.13	26.92	-76.15	1,788.28	-600.92	3,090.26	3,016.68	73.58	42.001		
9,900.00	7,780.00	7,297.88	7,204.08	62.48	26.93	-76.18	1,788.73	-600.81	3,156.88	3,082.47	74.42	42.422		
10,000.00	7,780.00	7,299.32	7,205.45	64.85	26.94	-76.22	1,789.17	-600.71	3,225.23	3,150.02	75.21	42.881		
10,100.00	7,780.00	7,300.69	7,206.75	67.25	26.94	-76.25	1,789.58	-600.61	3,295.20	3,219.23	75.97	43.377		
10,200.00	7,780.00	7,302.00	7,207.99	69.67	26.95	-76.28	1,789.97	-600.52	3,366.68	3,290.00	76.68	43.906		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,303.24	7,209.18	72.11	26.95	-76.31	1,790.34	-600.44	3,439.57	3,362.22	77.35	44.466		
10,400.00	7,780.00	7,304.43	7,210.31	74.56	26.96	-76.34	1,790.70	-600.36	3,513.80	3,435.81	77.99	45.054		
10,500.00	7,780.00	7,305.56	7,211.39	77.04	26.96	-76.37	1,791.05	-600.28	3,589.28	3,510.69	78.59	45.670		
10,600.00	7,780.00	7,306.65	7,212.42	79.52	26.97	-76.40	1,791.38	-600.21	3,665.93	3,586.77	79.16	46.311		
10,700.00	7,780.00	7,307.69	7,213.41	82.02	26.97	-76.42	1,791.69	-600.15	3,743.68	3,663.99	79.70	46.975		
10,800.00	7,780.00	7,308.69	7,214.35	84.54	26.98	-76.45	1,791.99	-600.09	3,822.47	3,742.27	80.20	47.660		
10,900.00	7,780.00	7,309.64	7,215.26	87.06	26.98	-76.47	1,792.29	-600.03	3,902.22	3,821.54	80.68	48.366		
11,000.00	7,780.00	7,310.56	7,216.14	89.59	26.99	-76.49	1,792.57	-599.98	3,982.89	3,901.76	81.13	49.090		
11,100.00	7,780.00	7,311.44	7,216.97	92.14	26.99	-76.52	1,792.83	-599.93	4,064.42	3,982.85	81.56	49.832		
11,200.00	7,780.00	7,312.29	7,217.78	94.69	26.99	-76.54	1,793.09	-599.88	4,146.75	4,064.78	81.97	50.590		
11,300.00	7,780.00	7,313.10	7,218.55	97.24	27.00	-76.56	1,793.34	-599.83	4,229.84	4,147.49	82.35	51.363		
11,400.00	7,780.00	7,313.89	7,219.30	99.81	27.00	-76.58	1,793.59	-599.79	4,313.65	4,230.94	82.72	52.151		
11,500.00	7,780.00	7,353.00	7,256.38	102.38	27.17	-77.53	1,805.97	-598.60	4,399.25	4,315.79	83.46	52.710		
11,600.00	7,780.00	7,353.00	7,256.38	104.96	27.17	-77.53	1,805.97	-598.60	4,484.34	4,400.55	83.78	53.524		
11,700.00	7,780.00	7,353.00	7,256.38	107.55	27.17	-77.53	1,805.97	-598.60	4,570.02	4,485.93	84.09	54.349		
11,800.00	7,780.00	7,353.00	7,256.38	110.14	27.17	-77.53	1,805.97	-598.60	4,656.28	4,571.90	84.38	55.185		
11,900.00	7,780.00	7,353.00	7,256.38	112.73	27.17	-77.53	1,805.97	-598.60	4,743.07	4,658.42	84.65	56.031		
12,000.00	7,780.00	7,353.00	7,256.38	115.33	27.17	-77.53	1,805.97	-598.60	4,830.38	4,745.47	84.91	56.887		
12,100.00	7,780.00	7,353.00	7,256.38	117.93	27.17	-77.53	1,805.97	-598.60	4,918.17	4,833.01	85.16	57.751		
12,200.00	7,780.00	7,353.00	7,256.38	120.54	27.17	-77.53	1,805.97	-598.60	5,006.42	4,921.02	85.40	58.624		
12,300.00	7,780.00	7,353.00	7,256.38	123.15	27.17	-77.53	1,805.97	-598.60	5,095.10	5,009.47	85.63	59.505		
12,400.00	7,780.00	7,353.00	7,256.38	125.77	27.17	-77.53	1,805.97	-598.60	5,184.19	5,098.35	85.84	60.392		
12,500.00	7,780.00	7,353.00	7,256.38	128.39	27.17	-77.53	1,805.97	-598.60	5,273.68	5,187.63	86.05	61.287		
12,600.00	7,780.00	7,353.00	7,256.38	131.01	27.17	-77.53	1,805.97	-598.60	5,363.53	5,277.29	86.25	62.188		
12,700.00	7,780.00	7,353.00	7,256.38	133.63	27.17	-77.53	1,805.97	-598.60	5,453.74	5,367.31	86.44	63.096		
12,800.00	7,780.00	7,353.00	7,256.38	136.26	27.17	-77.53	1,805.97	-598.60	5,544.29	5,457.67	86.62	64.008		
12,900.00	7,780.00	7,353.00	7,256.38	138.89	27.17	-77.53	1,805.97	-598.60	5,635.15	5,548.36	86.79	64.927		
13,000.00	7,780.00	7,353.00	7,256.38	141.52	27.17	-77.53	1,805.97	-598.60	5,726.32	5,639.36	86.96	65.850		
13,100.00	7,780.00	7,353.00	7,256.38	144.16	27.17	-77.53	1,805.97	-598.60	5,817.78	5,730.66	87.12	66.778		
13,200.00	7,780.00	7,353.00	7,256.38	146.79	27.17	-77.53	1,805.97	-598.60	5,909.52	5,822.25	87.28	67.711		
13,300.00	7,780.00	7,353.00	7,256.38	149.43	27.17	-77.53	1,805.97	-598.60	6,001.52	5,914.10	87.42	68.648		
13,400.00	7,780.00	7,353.00	7,256.38	152.07	27.17	-77.53	1,805.97	-598.60	6,093.77	6,006.21	87.57	69.588		
13,500.00	7,780.00	7,353.00	7,256.38	154.72	27.17	-77.53	1,805.97	-598.60	6,186.27	6,098.56	87.71	70.533		
13,600.00	7,780.00	7,353.00	7,256.38	157.36	27.17	-77.53	1,805.97	-598.60	6,278.99	6,191.15	87.84	71.481		
13,700.00	7,780.00	7,353.00	7,256.38	160.01	27.17	-77.53	1,805.97	-598.60	6,371.93	6,283.96	87.97	72.432		
13,800.00	7,780.00	7,353.00	7,256.38	162.66	27.17	-77.53	1,805.97	-598.60	6,465.09	6,376.99	88.10	73.386		
13,900.00	7,780.00	7,353.00	7,256.38	165.31	27.17	-77.53	1,805.97	-598.60	6,558.45	6,470.23	88.22	74.344		
14,000.00	7,780.00	7,353.00	7,256.38	167.96	27.17	-77.53	1,805.97	-598.60	6,651.99	6,563.66	88.34	75.304		
14,100.00	7,780.00	7,353.00	7,256.38	170.61	27.17	-77.53	1,805.97	-598.60	6,745.73	6,657.28	88.45	76.266		
14,200.00	7,780.00	7,353.00	7,256.38	173.26	27.17	-77.53	1,805.97	-598.60	6,839.64	6,751.08	88.56	77.231		
14,300.00	7,780.00	7,353.00	7,256.38	175.92	27.17	-77.53	1,805.97	-598.60	6,933.72	6,845.05	88.67	78.198		
14,400.00	7,780.00	7,353.00	7,256.38	178.58	27.17	-77.53	1,805.97	-598.60	7,027.97	6,939.19	88.77	79.168		
14,500.00	7,780.00	7,353.00	7,256.38	181.23	27.17	-77.53	1,805.97	-598.60	7,122.37	7,033.49	88.88	80.139		
14,600.00	7,780.00	7,353.00	7,256.38	183.89	27.17	-77.53	1,805.97	-598.60	7,216.92	7,127.95	88.97	81.112		
14,700.00	7,780.00	7,353.00	7,256.38	186.55	27.17	-77.53	1,805.97	-598.60	7,311.62	7,222.55	89.07	82.087		
14,800.00	7,780.00	7,353.00	7,256.38	189.21	27.17	-77.53	1,805.97	-598.60	7,406.46	7,317.29	89.17	83.064		
14,900.00	7,780.00	7,353.00	7,256.38	191.88	27.17	-77.53	1,805.97	-598.60	7,501.43	7,412.17	89.26	84.042		
15,000.00	7,780.00	7,353.00	7,256.38	194.54	27.17	-77.53	1,805.97	-598.60	7,596.53	7,507.18	89.35	85.021		
15,100.00	7,780.00	7,353.00	7,256.38	197.20	27.17	-77.53	1,805.97	-598.60	7,691.75	7,602.32	89.44	86.001		
15,200.00	7,780.00	7,353.00	7,256.38	199.87	27.17	-77.53	1,805.97	-598.60	7,787.10	7,697.57	89.52	86.983		
15,300.00	7,780.00	7,353.00	7,256.38	202.53	27.17	-77.53	1,805.97	-598.60	7,882.56	7,792.95	89.61	87.966		
15,400.00	7,780.00	7,353.00	7,256.38	205.20	27.17	-77.53	1,805.97	-598.60	7,978.13	7,888.44	89.69	88.950		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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: 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	7,353.00	7,256.38	207.86	27.17	-77.53	1,805.97	-598.60	8,073.81	7,984.03	89.77	89.935		
15,600.00	7,780.00	7,353.00	7,256.38	210.53	27.17	-77.53	1,805.97	-598.60	8,169.59	8,079.74	89.85	90.921		
15,700.00	7,780.00	7,353.00	7,256.38	213.20	27.17	-77.53	1,805.97	-598.60	8,265.47	8,175.54	89.93	91.907		
15,800.00	7,780.00	7,353.00	7,256.38	215.87	27.17	-76.63	1,805.97	-598.60	8,361.60	8,271.59	90.01	92.896		
15,900.00	7,780.00	7,353.00	7,256.38	218.54	27.17	-74.65	1,805.97	-598.60	8,458.60	8,368.52	90.08	93.898		
16,000.00	7,780.00	7,353.00	7,256.38	221.22	27.17	-73.40	1,805.97	-598.60	8,556.33	8,466.18	90.15	94.912		
16,100.00	7,780.00	7,353.00	7,256.38	223.89	27.17	-73.40	1,805.97	-598.60	8,654.21	8,564.00	90.22	95.928		
16,200.00	7,780.00	7,353.00	7,256.38	226.57	27.17	-73.40	1,805.97	-598.60	8,752.14	8,661.86	90.28	96.944		
16,300.00	7,780.00	7,353.00	7,256.38	229.24	27.17	-73.40	1,805.97	-598.60	8,850.11	8,759.76	90.34	97.960		
16,400.00	7,780.00	7,353.00	7,256.38	231.92	27.17	-73.40	1,805.97	-598.60	8,948.12	8,857.72	90.41	98.975		
16,500.00	7,780.00	7,353.00	7,256.38	234.60	27.17	-73.40	1,805.97	-598.60	9,046.18	8,955.71	90.47	99.989		
16,600.00	7,780.00	7,353.00	7,256.38	237.28	27.17	-73.40	1,805.97	-598.60	9,144.28	9,053.75	90.53	101.004		
16,700.00	7,780.00	7,353.00	7,256.38	239.96	27.17	-73.40	1,805.97	-598.60	9,242.43	9,151.83	90.60	102.018		
16,800.00	7,780.00	7,353.00	7,256.38	242.64	27.17	-73.40	1,805.97	-598.60	9,340.61	9,249.95	90.66	103.031		
16,900.00	7,780.00	7,353.00	7,256.38	245.32	27.17	-73.40	1,805.97	-598.60	9,438.83	9,348.11	90.72	104.044		
17,000.00	7,780.00	7,353.00	7,256.38	248.00	27.17	-73.40	1,805.97	-598.60	9,537.09	9,446.31	90.78	105.056		
17,100.00	7,780.00	7,353.00	7,256.38	250.68	27.17	-73.40	1,805.97	-598.60	9,635.38	9,544.54	90.84	106.068		
17,200.00	7,780.00	7,353.00	7,256.38	253.36	27.17	-73.40	1,805.97	-598.60	9,733.71	9,642.80	90.90	107.079		
17,300.00	7,780.00	7,353.00	7,256.38	256.04	27.17	-73.40	1,805.97	-598.60	9,832.07	9,741.11	90.96	108.090		
17,400.00	7,780.00	7,353.00	7,256.38	258.72	27.17	-73.40	1,805.97	-598.60	9,930.46	9,839.44	91.02	109.099		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-34.29	1,485.51	-1,013.06	1,798.17					
100.00	100.00	75.53	75.53	0.13	0.18	-34.29	1,485.52	-1,013.16	1,798.14	1,797.82	0.32	5,693.512		
200.00	200.00	175.81	175.81	0.49	0.54	-34.31	1,485.61	-1,013.61	1,798.46	1,797.42	1.03	1,740.853		
300.00	300.00	279.54	279.54	0.85	0.91	-34.31	1,485.70	-1,013.74	1,798.60	1,796.85	1.76	1,023.116		
400.00	400.00	380.09	380.09	1.21	1.25	-34.30	1,485.75	-1,013.67	1,798.61	1,796.14	2.46	729.996		
500.00	500.00	477.78	477.78	1.57	1.60	-34.30	1,485.86	-1,013.62	1,798.67	1,795.51	3.16	568.323		
600.00	600.00	576.11	576.10	1.93	1.95	-34.30	1,486.08	-1,013.66	1,798.88	1,795.01	3.87	464.395		
700.00	700.00	682.61	682.60	2.29	2.32	-34.29	1,486.32	-1,013.56	1,799.02	1,794.41	4.61	390.503		
800.00	799.98	790.51	790.51	2.63	2.69	84.06	1,486.21	-1,012.99	1,798.45	1,793.13	5.32	337.739		
900.00	899.84	893.44	893.43	2.97	3.05	84.27	1,485.95	-1,012.15	1,797.25	1,791.23	6.02	298.537		
1,000.00	999.45	987.37	987.36	3.32	3.38	84.57	1,485.68	-1,011.55	1,795.80	1,789.10	6.70	268.132		
1,100.00	1,098.70	1,082.35	1,082.34	3.69	3.71	84.97	1,485.59	-1,011.17	1,794.38	1,786.98	7.40	242.609		
1,200.00	1,197.68	1,183.16	1,183.15	4.07	4.06	85.44	1,485.55	-1,010.80	1,792.93	1,784.80	8.13	220.463		
1,300.00	1,296.65	1,274.45	1,274.44	4.46	4.39	85.87	1,485.71	-1,010.49	1,791.81	1,782.96	8.85	202.514		
1,400.00	1,395.63	1,374.34	1,374.33	4.86	4.74	86.33	1,485.98	-1,010.29	1,790.95	1,781.34	9.60	186.514		
1,500.00	1,494.60	1,474.14	1,474.12	5.27	5.10	86.79	1,486.12	-1,010.14	1,790.13	1,779.76	10.36	172.753		
1,600.00	1,593.58	1,572.26	1,572.24	5.67	5.45	87.25	1,486.28	-1,010.06	1,789.47	1,778.35	11.12	160.914		
1,700.00	1,692.55	1,675.02	1,675.01	6.09	5.81	87.72	1,486.39	-1,009.87	1,788.84	1,776.94	11.90	150.332		
1,800.00	1,791.53	1,775.49	1,775.48	6.50	6.17	88.20	1,486.51	-1,009.24	1,788.11	1,775.44	12.67	141.100		
1,900.00	1,890.50	1,872.05	1,872.03	6.92	6.51	88.66	1,486.67	-1,008.71	1,787.58	1,774.14	13.43	133.054		
2,000.00	1,889.48	1,869.47	1,869.45	7.34	6.86	89.12	1,486.88	-1,008.29	1,787.28	1,773.08	14.20	125.838		
2,100.00	2,088.45	2,068.73	2,068.72	7.76	7.22	89.59	1,487.08	-1,007.98	1,787.14	1,772.16	14.98	119.307		
2,183.41	2,171.01	2,151.20	2,151.18	8.12	7.51	89.97	1,487.20	-1,007.74	1,787.09	1,771.46	15.63	114.359 CC		
2,200.00	2,187.43	2,167.52	2,167.50	8.19	7.57	90.05	1,487.23	-1,007.70	1,787.09	1,771.34	15.76	113.427		
2,300.00	2,286.40	2,266.24	2,266.22	8.61	7.92	90.51	1,487.32	-1,007.57	1,787.18	1,770.65	16.53	108.113		
2,400.00	2,385.38	2,365.95	2,365.93	9.04	8.26	90.96	1,487.31	-1,007.60	1,787.37	1,770.08	17.30	103.322		
2,500.00	2,484.35	2,465.01	2,464.99	9.46	8.61	91.42	1,487.30	-1,007.57	1,787.65	1,769.58	18.07	98.942		
2,600.00	2,583.32	2,563.04	2,563.02	9.89	8.95	91.87	1,487.34	-1,007.53	1,788.08	1,769.24	18.84	94.899		
2,700.00	2,682.30	2,662.61	2,662.59	10.32	9.31	92.32	1,487.35	-1,007.52	1,788.62	1,769.00	19.62	91.154		
2,800.00	2,781.27	2,761.45	2,761.43	10.75	9.66	92.78	1,487.36	-1,007.52	1,789.26	1,768.86	20.40	87.711		
2,900.00	2,880.25	2,860.09	2,860.07	11.18	10.01	93.23	1,487.39	-1,007.49	1,790.04	1,768.86	21.18	84.523 ES		
3,000.00	2,979.22	2,958.66	2,958.64	11.61	10.36	93.68	1,487.44	-1,007.46	1,790.94	1,768.99	21.95	81.574		
3,100.00	3,078.20	3,057.56	3,057.54	12.04	10.71	94.13	1,487.50	-1,007.48	1,791.98	1,769.25	22.73	78.838		
3,200.00	3,177.17	3,156.74	3,156.72	12.47	11.05	94.58	1,487.56	-1,007.43	1,793.12	1,769.62	23.51	76.286		
3,300.00	3,276.15	3,255.49	3,255.47	12.90	11.39	95.03	1,487.60	-1,007.46	1,794.38	1,770.11	24.27	73.920		
3,400.00	3,375.12	3,355.04	3,355.02	13.33	11.74	95.48	1,487.63	-1,007.51	1,795.75	1,770.70	25.05	71.696		
3,500.00	3,474.10	3,454.41	3,454.39	13.76	12.09	95.93	1,487.64	-1,007.51	1,797.19	1,771.37	25.82	69.595		
3,600.00	3,573.07	3,554.31	3,554.29	14.19	12.44	96.39	1,487.62	-1,007.50	1,798.72	1,772.12	26.60	67.621		
3,700.00	3,672.05	3,653.68	3,653.66	14.62	12.78	96.83	1,487.55	-1,007.50	1,800.31	1,772.94	27.37	65.783		
3,800.00	3,771.02	3,753.01	3,752.99	15.05	13.11	97.28	1,487.45	-1,007.54	1,802.00	1,773.87	28.13	64.058		
3,900.00	3,870.00	3,853.07	3,853.05	15.49	13.45	97.73	1,487.31	-1,007.56	1,803.76	1,774.87	28.90	62.420		
4,000.00	3,968.97	3,962.15	3,949.83	15.92	13.82	98.16	1,487.19	-1,007.59	1,805.65	1,775.96	29.69	60.808		
4,100.00	4,067.94	4,048.83	4,048.81	16.35	14.12	98.60	1,487.14	-1,007.64	1,807.72	1,777.31	30.41	59.437		
4,200.00	4,166.92	4,147.33	4,147.31	16.78	14.45	99.04	1,487.10	-1,007.69	1,809.92	1,778.74	31.17	58.058		
4,300.00	4,265.89	4,244.40	4,244.38	17.22	14.78	99.47	1,487.12	-1,007.80	1,812.29	1,780.36	31.93	56.756		
4,400.00	4,364.87	4,347.14	4,347.12	17.65	15.14	99.92	1,487.06	-1,007.92	1,814.70	1,781.99	32.71	55.481		
4,500.00	4,463.84	4,447.23	4,447.21	18.08	15.48	100.36	1,486.93	-1,007.98	1,817.14	1,783.66	33.48	54.281		
4,600.00	4,562.82	4,547.83	4,547.81	18.51	15.83	100.80	1,486.48	-1,008.24	1,819.44	1,785.19	34.25	53.127		
4,700.00	4,661.79	4,635.31	4,635.28	18.95	16.13	101.19	1,486.69	-1,008.01	1,822.33	1,787.36	34.97	52.105		
4,800.00	4,760.77	4,738.70	4,738.68	19.38	16.50	101.66	1,486.99	-1,007.80	1,825.41	1,789.65	35.76	51.042		
4,900.00	4,859.74	4,837.38	4,837.35	19.81	16.84	102.09	1,487.14	-1,007.76	1,828.52	1,791.98	36.53	50.052		
5,000.00	4,958.72	4,937.20	4,937.18	20.25	17.19	102.53	1,487.32	-1,007.68	1,831.74	1,794.44	37.30	49.102		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	5,057.69	5,038.52	5,038.50	20.68	17.55	102.97	1,487.33	-1,007.70	1,834.94	1,796.87	38.08	48.190		
5,200.00	5,156.67	5,137.82	5,137.80	21.12	17.89	103.40	1,487.29	-1,007.69	1,838.19	1,799.35	38.84	47.325		
5,300.00	5,255.64	5,237.30	5,237.28	21.55	18.24	103.83	1,487.25	-1,007.66	1,841.54	1,801.93	39.61	46.494		
5,400.00	5,354.62	5,331.05	5,331.02	21.98	18.56	104.24	1,487.27	-1,007.54	1,845.03	1,804.68	40.35	45.722		
5,500.00	5,453.59	5,415.53	5,415.50	22.42	18.86	104.64	1,487.99	-1,006.47	1,849.18	1,808.11	41.06	45.033		
5,600.00	5,552.56	5,501.08	5,500.95	22.85	19.16	105.12	1,490.03	-1,003.27	1,854.34	1,812.57	41.77	44.391		
5,700.00	5,651.54	5,603.30	5,602.89	23.28	19.52	105.78	1,493.36	-996.46	1,859.95	1,817.40	42.55	43.714		
5,800.00	5,750.51	5,709.47	5,708.50	23.72	19.90	106.55	1,496.91	-986.18	1,865.26	1,821.92	43.33	43.043		
5,900.00	5,849.49	5,816.28	5,814.45	24.15	20.28	107.41	1,500.60	-973.21	1,870.56	1,826.44	44.12	42.395		
6,000.00	5,948.46	5,928.98	5,925.88	24.59	20.69	108.38	1,504.10	-956.74	1,875.48	1,830.55	44.93	41.741		
6,100.00	6,047.44	6,029.30	6,024.63	25.02	21.06	109.32	1,507.06	-939.31	1,880.27	1,834.57	45.69	41.151		
6,200.00	6,146.41	6,139.86	6,133.08	25.45	21.47	110.42	1,510.08	-918.04	1,885.12	1,838.63	46.49	40.547		
6,300.00	6,245.39	6,263.90	6,253.84	25.89	21.94	111.76	1,512.35	-889.85	1,889.29	1,841.95	47.35	39.904		
6,400.00	6,344.36	6,375.55	6,361.62	26.32	22.38	113.06	1,513.41	-860.74	1,893.02	1,844.87	48.16	39.311		
6,500.00	6,443.34	6,448.16	6,431.56	26.76	22.67	113.92	1,513.87	-841.22	1,897.28	1,848.46	48.82	38.860		
6,600.00	6,542.31	6,505.00	6,486.24	27.19	22.90	114.60	1,515.34	-825.78	1,904.01	1,854.60	49.41	38.534		
6,700.00	6,641.29	6,558.91	6,538.00	27.63	23.12	115.25	1,517.76	-810.92	1,913.29	1,863.33	49.96	38.295		
6,800.00	6,740.26	6,617.36	6,593.95	28.06	23.37	115.97	1,521.46	-794.41	1,925.06	1,874.55	50.51	38.111		
6,900.00	6,839.24	6,681.67	6,655.11	28.50	23.64	116.78	1,526.44	-775.16	1,939.01	1,887.93	51.07	37.964		
7,000.00	6,938.21	6,740.69	6,710.81	28.93	23.90	117.54	1,531.81	-756.43	1,955.14	1,903.55	51.59	37.898		
7,100.00	7,037.18	6,788.00	6,755.20	29.36	24.11	118.17	1,536.78	-740.84	1,973.66	1,921.66	52.00	37.955		
7,200.00	7,136.16	6,850.95	6,813.85	29.80	24.41	119.02	1,544.36	-719.26	1,994.55	1,942.05	52.50	37.991		
7,300.00	7,235.71	6,926.43	6,883.63	30.16	24.76	120.68	1,554.62	-692.38	2,017.56	1,964.53	53.03	38.048		
7,400.00	7,334.44	7,068.09	7,015.58	30.38	25.45	121.61	1,572.90	-644.29	2,039.44	1,985.45	53.98	37.778		
7,500.00	7,429.33	7,229.32	7,173.33	30.53	26.12	122.77	1,590.22	-618.70	2,054.94	1,999.94	55.00	37.362		
7,600.00	7,517.51	7,299.33	7,242.80	30.60	26.36	123.82	1,598.49	-617.18	2,069.62	2,014.26	55.35	37.388		
7,700.00	7,596.31	7,490.37	7,427.25	30.64	26.90	124.10	1,618.06	-656.86	2,083.13	2,026.72	56.41	36.928 SF		
7,800.00	7,663.31	7,525.43	7,458.86	30.67	26.98	124.87	1,620.17	-671.86	2,096.00	2,039.36	56.65	37.001		
7,900.00	7,716.50	7,533.20	7,465.73	30.73	27.00	125.97	1,620.60	-675.46	2,111.76	2,054.93	56.84	37.156		
8,000.00	7,754.25	7,525.03	7,458.51	30.89	26.98	126.59	1,620.15	-671.68	2,130.12	2,073.05	57.07	37.324		
8,100.00	7,775.41	7,507.07	7,442.43	31.21	26.94	127.93	1,619.10	-663.75	2,150.32	2,092.91	57.41	37.455		
8,200.00	7,780.00	7,483.16	7,420.64	31.71	26.88	128.77	1,617.60	-654.03	2,171.50	2,113.64	57.86	37.529		
8,300.00	7,780.00	7,449.00	7,388.82	32.46	26.80	129.91	1,615.28	-641.83	2,195.75	2,137.36	58.39	37.604		
8,400.00	7,780.00	7,440.66	7,380.94	33.45	26.78	130.70	1,614.66	-639.18	2,223.79	2,164.60	59.19	37.572		
8,500.00	7,780.00	7,420.07	7,361.28	34.65	26.72	131.17	1,612.93	-633.29	2,255.68	2,195.69	59.99	37.601		
8,600.00	7,780.00	7,404.84	7,346.60	36.03	26.68	132.77	1,611.48	-629.55	2,291.28	2,230.40	60.89	37.631		
8,700.00	7,780.00	7,393.15	7,335.24	37.56	26.65	134.47	1,610.26	-627.04	2,330.51	2,268.66	61.85	37.682		
8,800.00	7,780.00	7,383.91	7,326.23	39.22	26.63	136.22	1,609.23	-625.28	2,373.21	2,310.37	62.84	37.767		
8,900.00	7,780.00	7,354.00	7,296.88	40.99	26.54	137.43	1,605.53	-620.94	2,419.48	2,355.79	63.69	37.988		
9,000.00	7,780.00	7,354.00	7,296.88	42.86	26.54	138.43	1,605.53	-620.94	2,468.54	2,403.81	64.73	38.134		
9,100.00	7,780.00	7,354.00	7,296.88	44.82	26.54	139.43	1,605.53	-620.94	2,520.62	2,454.86	65.75	38.334		
9,200.00	7,780.00	7,354.00	7,296.88	46.84	26.54	140.43	1,605.53	-620.94	2,575.52	2,508.78	66.74	38.588		
9,300.00	7,780.00	7,354.00	7,296.88	48.94	26.54	141.43	1,605.53	-620.94	2,633.08	2,565.39	67.70	38.895		
9,400.00	7,780.00	7,354.00	7,296.88	51.09	26.54	142.43	1,605.53	-620.94	2,693.13	2,624.52	68.61	39.253		
9,500.00	7,780.00	7,354.00	7,296.88	53.29	26.54	143.43	1,605.53	-620.94	2,755.49	2,686.01	69.48	39.659		
9,600.00	7,780.00	7,354.00	7,296.88	55.53	26.54	144.43	1,605.53	-620.94	2,820.03	2,749.72	70.31	40.110		
9,700.00	7,780.00	7,354.00	7,296.88	57.81	26.54	145.43	1,605.53	-620.94	2,886.58	2,815.49	71.09	40.603		
9,800.00	7,780.00	7,354.00	7,296.88	60.13	26.54	146.43	1,605.53	-620.94	2,955.03	2,883.19	71.83	41.136		
9,900.00	7,780.00	7,354.00	7,296.88	62.48	26.54	147.43	1,605.53	-620.94	3,025.23	2,952.69	72.54	41.707		
10,000.00	7,780.00	7,354.00	7,296.88	64.85	26.54	148.43	1,605.53	-620.94	3,097.06	3,023.87	73.20	42.311		
10,100.00	7,780.00	7,354.00	7,296.88	67.25	26.54	149.43	1,605.53	-620.94	3,170.43	3,096.61	73.82	42.948		
10,200.00	7,780.00	7,354.00	7,296.88	69.67	26.54	150.43	1,605.53	-620.94	3,245.21	3,170.81	74.41	43.614		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,354.00	7,296.88	72.11	26.54	-77.43	1,605.53	-620.94	3,321.33	3,246.37	74.96	44.308		
10,400.00	7,780.00	7,354.00	7,296.88	74.56	26.54	-77.43	1,605.53	-620.94	3,398.68	3,323.20	75.48	45.027		
10,500.00	7,780.00	7,354.00	7,296.88	77.04	26.54	-77.43	1,605.53	-620.94	3,477.19	3,401.22	75.97	45.770		
10,600.00	7,780.00	7,354.00	7,296.88	79.52	26.54	-77.43	1,605.53	-620.94	3,556.78	3,480.34	76.43	46.535		
10,700.00	7,780.00	7,354.00	7,296.88	82.02	26.54	-77.43	1,605.53	-620.94	3,637.37	3,560.50	76.87	47.320		
10,800.00	7,780.00	7,354.00	7,296.88	84.54	26.54	-77.43	1,605.53	-620.94	3,718.91	3,641.63	77.28	48.124		
10,900.00	7,780.00	7,354.00	7,296.88	87.06	26.54	-77.43	1,605.53	-620.94	3,801.33	3,723.66	77.66	48.946		
11,000.00	7,780.00	7,354.00	7,296.88	89.59	26.54	-77.43	1,605.53	-620.94	3,884.57	3,806.54	78.03	49.784		
11,100.00	7,780.00	7,354.00	7,296.88	92.14	26.54	-77.43	1,605.53	-620.94	3,968.59	3,890.22	78.37	50.637		
11,200.00	7,780.00	7,354.00	7,296.88	94.69	26.54	-77.43	1,605.53	-620.94	4,053.33	3,974.64	78.70	51.504		
11,300.00	7,780.00	7,354.00	7,296.88	97.24	26.54	-77.43	1,605.53	-620.94	4,138.76	4,059.75	79.01	52.385		
11,400.00	7,780.00	7,354.00	7,296.88	99.81	26.54	-77.43	1,605.53	-620.94	4,224.82	4,145.53	79.30	53.277		
11,500.00	7,780.00	7,354.00	7,296.88	102.38	26.54	-77.43	1,605.53	-620.94	4,311.49	4,231.92	79.58	54.181		
11,600.00	7,780.00	7,354.00	7,296.88	104.96	26.54	-77.43	1,605.53	-620.94	4,398.72	4,318.88	79.84	55.096		
11,700.00	7,780.00	7,354.00	7,296.88	107.55	26.54	-77.43	1,605.53	-620.94	4,486.49	4,406.40	80.09	56.020		
11,800.00	7,780.00	7,354.00	7,296.88	110.14	26.54	-77.43	1,605.53	-620.94	4,574.75	4,494.43	80.32	56.954		
11,900.00	7,780.00	7,354.00	7,296.88	112.73	26.54	-77.43	1,605.53	-620.94	4,663.50	4,582.95	80.55	57.896		
12,000.00	7,780.00	7,354.00	7,296.88	115.33	26.54	-77.43	1,605.53	-620.94	4,752.68	4,671.92	80.76	58.846		
12,100.00	7,780.00	7,354.00	7,296.88	117.93	26.54	-77.43	1,605.53	-620.94	4,842.29	4,761.33	80.97	59.804		
12,200.00	7,780.00	7,354.00	7,296.88	120.54	26.54	-77.43	1,605.53	-620.94	4,932.30	4,851.14	81.16	60.769		
12,300.00	7,780.00	7,354.00	7,296.88	123.15	26.54	-77.43	1,605.53	-620.94	5,022.69	4,941.34	81.35	61.741		
12,400.00	7,780.00	7,354.00	7,296.88	125.77	26.54	-77.43	1,605.53	-620.94	5,113.44	5,031.91	81.53	62.719		
12,500.00	7,780.00	7,313.46	7,256.81	128.39	26.41	-76.35	1,600.27	-617.71	5,203.16	5,121.68	81.48	63.858		
12,600.00	7,780.00	7,312.89	7,256.25	131.01	26.41	-76.33	1,600.20	-617.69	5,294.53	5,212.89	81.64	64.851		
12,700.00	7,780.00	7,312.34	7,255.70	133.63	26.41	-76.32	1,600.13	-617.66	5,386.20	5,304.41	81.80	65.848		
12,800.00	7,780.00	7,311.80	7,255.17	136.26	26.40	-76.30	1,600.06	-617.64	5,478.17	5,396.22	81.95	66.851		
12,900.00	7,780.00	7,311.29	7,254.66	138.89	26.40	-76.29	1,599.99	-617.61	5,570.41	5,488.32	82.09	67.858		
13,000.00	7,780.00	7,310.79	7,254.17	141.52	26.40	-76.28	1,599.93	-617.59	5,662.92	5,580.69	82.23	68.869		
13,100.00	7,780.00	7,310.31	7,253.69	144.16	26.40	-76.26	1,599.87	-617.57	5,755.67	5,673.31	82.36	69.884		
13,200.00	7,780.00	7,309.84	7,253.23	146.79	26.40	-76.25	1,599.81	-617.55	5,848.66	5,766.17	82.49	70.903		
13,300.00	7,780.00	7,309.39	7,252.78	149.43	26.40	-76.24	1,599.75	-617.53	5,941.88	5,859.27	82.61	71.925		
13,400.00	7,780.00	7,308.95	7,252.35	152.07	26.39	-76.23	1,599.70	-617.51	6,035.32	5,952.59	82.73	72.950		
13,500.00	7,780.00	7,308.53	7,251.93	154.72	26.39	-76.22	1,599.65	-617.49	6,128.96	6,046.12	82.85	73.978		
13,600.00	7,780.00	7,308.11	7,251.52	157.36	26.39	-76.21	1,599.59	-617.48	6,222.80	6,139.84	82.96	75.009		
13,700.00	7,780.00	7,307.71	7,251.12	160.01	26.39	-76.20	1,599.54	-617.46	6,316.83	6,233.77	83.07	76.043		
13,800.00	7,780.00	7,307.33	7,250.73	162.66	26.39	-76.18	1,599.49	-617.45	6,411.05	6,327.87	83.18	77.078		
13,900.00	7,780.00	7,306.95	7,250.36	165.31	26.39	-76.17	1,599.45	-617.43	6,505.43	6,422.15	83.28	78.117		
14,000.00	7,780.00	7,306.58	7,250.00	167.96	26.39	-76.17	1,599.40	-617.42	6,599.98	6,516.60	83.38	79.157		
14,100.00	7,780.00	7,306.22	7,249.64	170.61	26.38	-76.16	1,599.36	-617.40	6,694.68	6,611.21	83.48	80.199		
14,200.00	7,780.00	7,305.88	7,249.30	173.26	26.38	-76.15	1,599.31	-617.39	6,789.54	6,705.97	83.57	81.243		
14,300.00	7,780.00	7,305.54	7,248.96	175.92	26.38	-76.14	1,599.27	-617.38	6,884.54	6,800.88	83.66	82.289		
14,400.00	7,780.00	7,305.21	7,248.64	178.58	26.38	-76.13	1,599.23	-617.37	6,979.69	6,895.93	83.75	83.336		
14,500.00	7,780.00	7,304.89	7,248.32	181.23	26.38	-76.12	1,599.19	-617.35	7,074.96	6,991.12	83.84	84.385		
14,600.00	7,780.00	7,304.58	7,248.01	183.89	26.38	-76.11	1,599.15	-617.34	7,170.37	7,086.44	83.93	85.435		
14,700.00	7,780.00	7,304.27	7,247.71	186.55	26.38	-76.10	1,599.11	-617.33	7,265.90	7,181.88	84.01	86.486		
14,800.00	7,780.00	7,303.98	7,247.42	189.21	26.38	-76.10	1,599.07	-617.32	7,361.54	7,277.45	84.10	87.538		
14,900.00	7,780.00	7,303.69	7,247.13	191.88	26.38	-76.09	1,599.04	-617.31	7,457.31	7,373.13	84.18	88.591		
15,000.00	7,780.00	7,303.41	7,246.85	194.54	26.38	-76.08	1,599.00	-617.30	7,553.18	7,468.92	84.26	89.645		
15,100.00	7,780.00	7,303.13	7,246.58	197.20	26.37	-76.07	1,598.97	-617.29	7,649.15	7,564.82	84.33	90.700		
15,200.00	7,780.00	7,302.86	7,246.31	199.87	26.37	-76.07	1,598.94	-617.29	7,745.23	7,660.82	84.41	91.755		
15,300.00	7,780.00	7,260.00	7,203.77	202.53	26.23	-74.93	1,593.73	-617.31	7,842.90	7,758.64	84.26	93.084		
15,400.00	7,780.00	7,260.00	7,203.77	205.20	26.23	-74.93	1,593.73	-617.31	7,939.15	7,854.82	84.33	94.141		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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: 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	7,260.00	7,203.77	207.86	26.23	-74.93	1,593.73	-617.31	8,035.50	7,951.09	84.41	95.198	
15,600.00	7,780.00	7,260.00	7,203.77	210.53	26.23	-74.93	1,593.73	-617.31	8,131.93	8,047.45	84.48	96.256	
15,700.00	7,780.00	7,260.00	7,203.77	213.20	26.23	-74.93	1,593.73	-617.31	8,228.44	8,143.89	84.56	97.314	
15,800.00	7,780.00	7,260.00	7,203.77	215.87	26.23	-73.74	1,593.73	-617.31	8,325.18	8,240.55	84.63	98.374	
15,900.00	7,780.00	7,260.00	7,203.77	218.54	26.23	-71.08	1,593.73	-617.31	8,422.70	8,338.00	84.70	99.447	
16,000.00	7,780.00	7,260.00	7,203.77	221.22	26.23	-69.36	1,593.73	-617.31	8,520.86	8,436.11	84.76	100.531	
16,100.00	7,780.00	7,260.00	7,203.77	223.89	26.23	-69.36	1,593.73	-617.31	8,619.15	8,534.33	84.82	101.616	
16,200.00	7,780.00	7,260.00	7,203.77	226.57	26.23	-69.36	1,593.73	-617.31	8,717.48	8,632.60	84.88	102.701	
16,300.00	7,780.00	7,260.00	7,203.77	229.24	26.23	-69.36	1,593.73	-617.31	8,815.85	8,730.90	84.94	103.785	
16,400.00	7,780.00	7,260.00	7,203.77	231.92	26.23	-69.36	1,593.73	-617.31	8,914.25	8,829.24	85.00	104.868	
16,500.00	7,780.00	7,260.00	7,203.77	234.60	26.23	-69.36	1,593.73	-617.31	9,012.69	8,927.62	85.07	105.950	
16,600.00	7,780.00	7,260.00	7,203.77	237.28	26.23	-69.36	1,593.73	-617.31	9,111.16	9,026.03	85.13	107.032	
16,700.00	7,780.00	7,260.00	7,203.77	239.96	26.23	-69.36	1,593.73	-617.31	9,209.66	9,124.48	85.19	108.113	
16,800.00	7,780.00	7,260.00	7,203.77	242.64	26.23	-69.36	1,593.73	-617.31	9,308.20	9,222.95	85.25	109.193	
16,900.00	7,780.00	7,260.00	7,203.77	245.32	26.23	-69.36	1,593.73	-617.31	9,406.76	9,321.46	85.30	110.272	
17,000.00	7,780.00	7,260.00	7,203.77	248.00	26.23	-69.36	1,593.73	-617.31	9,505.36	9,420.00	85.36	111.351	
17,100.00	7,780.00	7,260.00	7,203.77	250.68	26.23	-69.36	1,593.73	-617.31	9,603.99	9,518.56	85.42	112.428	
17,200.00	7,780.00	7,260.00	7,203.77	253.36	26.23	-69.36	1,593.73	-617.31	9,702.64	9,617.16	85.48	113.504	
17,300.00	7,780.00	7,260.00	7,203.77	256.04	26.23	-69.36	1,593.73	-617.31	9,801.32	9,715.78	85.54	114.580	
17,400.00	7,780.00	7,260.00	7,203.77	258.72	26.23	-69.36	1,593.73	-617.31	9,900.03	9,814.43	85.60	115.654	
17,500.00	7,780.00	7,260.00	7,203.77	261.41	26.23	-69.36	1,593.73	-617.31	9,998.76	9,913.10	85.66	116.727	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	-33.24	1,485.51	-973.40	1,776.13					
100.00	100.00	68.22	68.22	0.13	0.16	-33.24	1,485.56	-973.60	1,776.21	1,775.92	0.29	6,101.774		
200.00	200.00	160.52	160.51	0.49	0.49	-33.27	1,485.90	-974.86	1,777.26	1,776.28	0.98	1,813.039		
300.00	300.00	260.31	260.30	0.85	0.85	-33.29	1,486.40	-976.11	1,778.36	1,776.67	1.70	1,048.253		
400.00	400.00	364.26	364.23	1.21	1.22	-33.32	1,486.90	-977.30	1,779.39	1,776.96	2.43	732.947		
500.00	500.00	466.46	466.43	1.57	1.58	-33.34	1,487.26	-978.29	1,780.22	1,777.07	3.15	564.653		
600.00	600.00	570.56	570.53	1.93	1.96	-33.35	1,487.67	-978.97	1,780.91	1,777.03	3.88	458.683		
700.00	700.00	672.14	672.10	2.29	2.32	-33.34	1,488.12	-979.17	1,781.39	1,776.79	4.60	387.178		
800.00	799.98	773.78	773.74	2.63	2.68	84.97	1,488.52	-979.33	1,781.65	1,776.34	5.31	335.671		
900.00	899.84	876.03	875.99	2.97	3.04	85.15	1,488.82	-979.43	1,781.50	1,775.49	6.01	296.373		
1,000.00	999.45	968.21	968.17	3.32	3.37	85.41	1,489.20	-979.65	1,781.25	1,774.56	6.69	266.205		
1,100.00	1,098.70	1,062.12	1,062.08	3.69	3.71	85.79	1,489.88	-980.00	1,781.12	1,773.73	7.39	240.931		
1,200.00	1,197.68	1,164.49	1,164.44	4.07	4.07	86.26	1,490.77	-980.31	1,781.03	1,772.90	8.14	218.833		
1,300.00	1,296.65	1,264.18	1,264.13	4.46	4.42	86.73	1,491.53	-980.46	1,780.89	1,772.00	8.89	200.432		
1,321.20	1,317.64	1,283.86	1,283.81	4.55	4.49	86.82	1,491.67	-980.51	1,780.88	1,771.84	9.04	197.004		
1,400.00	1,395.63	1,356.50	1,356.44	4.86	4.75	87.16	1,492.38	-980.67	1,781.03	1,771.42	9.61	185.265		
1,500.00	1,494.60	1,463.36	1,463.30	5.27	5.13	87.66	1,493.38	-980.82	1,781.27	1,770.87	10.40	171.293		
1,600.00	1,593.58	1,559.13	1,559.07	5.67	5.48	88.11	1,494.18	-980.94	1,781.52	1,770.37	11.15	159.783		
1,700.00	1,692.55	1,656.43	1,656.36	6.09	5.82	88.57	1,495.14	-981.00	1,782.00	1,770.09	11.91	149.634		
1,800.00	1,791.53	1,755.78	1,755.71	6.50	6.18	89.05	1,496.22	-980.94	1,782.63	1,769.95	12.68	140.607		
1,900.00	1,890.50	1,854.80	1,854.72	6.92	6.53	89.52	1,497.24	-980.90	1,783.33	1,769.88	13.45	132.603		
2,000.00	1,989.48	1,951.26	1,951.18	7.34	6.87	89.97	1,498.18	-981.17	1,784.27	1,770.06	14.21	125.533		
2,100.00	2,088.45	2,050.25	2,050.16	7.76	7.23	90.42	1,499.08	-981.67	1,785.37	1,770.38	14.99	119.105		
2,200.00	2,187.43	2,150.13	2,150.04	8.19	7.59	90.87	1,499.91	-982.29	1,786.57	1,770.80	15.77	113.283		
2,300.00	2,286.40	2,265.47	2,265.38	8.61	8.00	91.40	1,500.57	-982.63	1,787.52	1,770.92	16.60	107.651		
2,400.00	2,385.38	2,449.79	2,449.54	9.04	8.62	92.41	1,499.47	-976.09	1,786.02	1,768.38	17.63	101.279		
2,500.00	2,484.35	2,569.45	2,568.95	9.46	9.02	93.10	1,495.62	-969.47	1,781.33	1,762.88	18.45	96.561		
2,600.00	2,583.32	2,668.84	2,668.14	9.89	9.35	93.62	1,491.06	-965.12	1,776.10	1,756.89	19.20	92.488		
2,700.00	2,682.30	2,754.80	2,753.93	10.32	9.64	94.10	1,487.80	-960.87	1,771.49	1,751.56	19.92	88.910		
2,800.00	2,781.27	2,840.46	2,839.42	10.75	9.93	94.60	1,485.50	-955.99	1,767.74	1,747.10	20.65	85.615		
2,900.00	2,880.25	2,928.46	2,927.24	11.18	10.23	95.15	1,484.00	-950.67	1,764.92	1,743.54	21.38	82.549		
3,000.00	2,979.22	3,044.55	3,043.11	11.61	10.63	95.85	1,481.39	-944.01	1,761.93	1,739.73	22.20	79.371		
3,100.00	3,078.20	3,138.02	3,136.41	12.04	10.96	96.39	1,478.51	-939.14	1,758.60	1,735.65	22.95	76.632		
3,200.00	3,177.17	3,201.00	3,199.32	12.47	11.18	96.74	1,476.98	-936.49	1,756.54	1,732.94	23.60	74.419		
3,255.18	3,231.79	3,244.23	3,242.53	12.70	11.32	96.97	1,476.31	-935.27	1,756.16	1,732.17	23.99	73.205 CC		
3,300.00	3,276.15	3,271.87	3,270.17	12.90	11.42	97.11	1,476.08	-934.89	1,756.38	1,732.11	24.28	72.347		
3,400.00	3,375.12	3,358.11	3,356.40	13.33	11.72	97.50	1,475.95	-934.93	1,758.05	1,733.05	25.00	70.323		
3,500.00	3,474.10	3,456.22	3,454.52	13.76	12.05	97.95	1,475.85	-935.06	1,759.94	1,734.17	25.76	68.308		
3,600.00	3,573.07	3,556.61	3,554.90	14.19	12.40	98.41	1,475.82	-935.09	1,761.97	1,735.43	26.54	66.395		
3,700.00	3,672.05	3,653.02	3,651.31	14.62	12.73	98.85	1,475.76	-935.12	1,764.09	1,736.79	27.30	64.627		
3,800.00	3,771.02	3,753.79	3,752.08	15.05	13.08	99.31	1,475.76	-935.23	1,766.41	1,738.34	28.07	62.924		
3,900.00	3,870.00	3,852.07	3,850.36	15.49	13.42	99.76	1,475.70	-935.30	1,768.76	1,739.92	28.84	61.336		
4,000.00	3,968.97	3,960.21	3,958.49	15.92	13.80	100.24	1,475.33	-935.60	1,771.03	1,741.39	29.64	59.756		
4,100.00	4,067.94	4,050.79	4,049.08	16.35	14.11	100.64	1,475.01	-935.83	1,773.37	1,743.00	30.37	58.388		
4,200.00	4,166.92	4,149.07	4,147.35	16.78	14.44	101.08	1,474.99	-935.80	1,776.07	1,744.93	31.13	57.044		
4,300.00	4,265.89	4,249.66	4,247.95	17.22	14.79	101.54	1,474.90	-935.89	1,778.83	1,746.93	31.91	55.750		
4,400.00	4,364.87	4,348.26	4,346.55	17.65	15.13	101.97	1,474.79	-936.02	1,781.70	1,749.03	32.67	54.532		
4,500.00	4,463.84	4,453.56	4,451.85	18.08	15.50	102.45	1,474.57	-935.96	1,784.54	1,751.08	33.46	53.336		
4,600.00	4,562.82	4,555.81	4,554.09	18.51	15.85	102.90	1,473.87	-935.83	1,787.00	1,752.77	34.23	52.201		
4,700.00	4,661.79	4,645.24	4,643.53	18.95	16.16	103.30	1,473.61	-935.88	1,789.99	1,755.02	34.96	51.197		
4,800.00	4,760.77	4,743.68	4,741.96	19.38	16.50	103.73	1,473.54	-935.90	1,793.30	1,757.57	35.72	50.198		
4,900.00	4,859.74	4,841.44	4,839.72	19.81	16.84	104.17	1,473.50	-935.88	1,796.74	1,760.25	36.48	49.249		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
5,000.00	4,958.72	4,939.11	4,937.39	20.25	17.18	104.60	1,473.60	-935.84	1,800.41	1,763.16	37.24	48.343	
5,100.00	5,057.69	5,039.44	5,037.72	20.68	17.53	105.04	1,473.64	-935.86	1,804.14	1,766.13	38.01	47.461	
5,200.00	5,156.67	5,139.75	5,138.03	21.12	17.88	105.48	1,473.64	-935.82	1,807.92	1,769.14	38.78	46.619	
5,300.00	5,255.64	5,238.77	5,237.05	21.55	18.22	105.91	1,473.55	-935.86	1,811.74	1,772.20	39.54	45.818	
5,400.00	5,354.62	5,337.49	5,335.78	21.98	18.57	106.33	1,473.49	-935.95	1,815.70	1,775.40	40.30	45.051	
5,500.00	5,453.59	5,436.97	5,435.25	22.42	18.91	106.76	1,473.41	-935.99	1,819.74	1,778.68	41.07	44.312	
5,600.00	5,552.56	5,557.10	5,555.38	22.85	19.33	107.29	1,472.90	-935.37	1,823.47	1,781.56	41.90	43.516	
5,700.00	5,651.54	5,711.90	5,709.99	23.28	19.87	108.13	1,469.28	-929.09	1,824.63	1,781.79	42.84	42.592	
5,800.00	5,750.51	5,804.24	5,802.00	23.72	20.20	108.73	1,466.50	-921.84	1,824.83	1,781.25	43.58	41.877	
5,900.00	5,849.49	5,892.36	5,889.71	24.15	20.51	109.34	1,464.77	-913.57	1,826.01	1,781.72	44.30	41.223	
6,000.00	5,948.46	6,002.81	5,999.51	24.59	20.90	110.16	1,462.77	-901.78	1,827.46	1,782.37	45.09	40.533	
6,100.00	6,047.44	6,100.00	6,181.31	25.02	21.25	111.73	1,455.14	-874.74	1,826.46	1,780.72	45.74	39.928	
6,200.00	6,146.41	6,401.80	6,390.58	25.45	22.39	113.90	1,433.76	-830.85	1,818.69	1,771.69	47.00	38.696	
6,300.00	6,245.39	6,490.63	6,476.52	25.89	22.73	114.85	1,422.98	-811.18	1,810.24	1,762.48	47.76	37.907	
6,400.00	6,344.36	6,578.74	6,561.59	26.32	23.09	115.83	1,412.70	-790.66	1,802.75	1,754.24	48.51	37.160	
6,500.00	6,443.34	6,685.89	6,664.41	26.76	23.53	117.11	1,400.24	-763.22	1,795.86	1,746.56	49.30	36.426	
6,600.00	6,542.31	6,797.68	6,771.17	27.19	24.01	118.49	1,386.19	-733.18	1,788.80	1,738.70	50.11	35.700	
6,700.00	6,641.29	6,908.51	6,877.01	27.63	24.50	119.85	1,370.81	-704.15	1,781.35	1,730.43	50.91	34.987	
6,800.00	6,740.26	6,989.91	6,954.74	28.06	24.86	120.86	1,359.43	-682.83	1,774.64	1,722.96	51.69	34.335	
6,900.00	6,839.24	7,057.20	7,019.01	28.50	25.16	121.71	1,350.74	-664.87	1,769.76	1,717.33	52.43	33.756	
7,000.00	6,938.21	7,172.96	7,130.04	28.93	25.69	123.12	1,336.20	-635.58	1,766.07	1,712.81	53.26	33.159	
7,100.00	7,037.18	7,260.00	7,215.27	29.36	26.05	123.87	1,323.98	-623.53	1,761.08	1,707.07	54.01	32.604	
7,198.42	7,134.60	7,300.71	7,255.69	29.79	26.19	124.09	1,319.34	-622.18	1,758.86	1,704.24	54.63	32.198	
7,200.00	7,136.16	7,301.14	7,256.11	29.80	26.19	124.09	1,319.31	-622.18	1,758.86	1,704.23	54.64	32.193 ES	
7,300.00	7,235.71	7,354.00	7,308.90	30.16	26.38	-140.68	1,317.30	-623.33	1,760.92	1,705.73	55.19	31.906	
7,400.00	7,334.44	7,354.00	7,308.90	30.38	26.38	-102.27	1,317.30	-623.33	1,764.24	1,708.84	55.40	31.845	
7,500.00	7,429.33	7,414.48	7,369.01	30.53	26.56	-95.15	1,318.46	-629.57	1,769.91	1,714.17	55.74	31.755 SF	
7,600.00	7,517.51	7,448.00	7,401.95	30.60	26.66	-92.18	1,319.84	-635.64	1,777.26	1,721.36	55.89	31.797	
7,700.00	7,596.31	7,482.17	7,435.11	30.64	26.75	-90.54	1,321.99	-643.60	1,787.27	1,731.25	56.02	31.902	
7,800.00	7,663.31	7,499.36	7,451.60	30.67	26.80	-88.83	1,323.43	-648.21	1,800.60	1,744.51	56.09	32.100	
7,900.00	7,716.50	7,509.01	7,460.80	30.73	26.82	-86.93	1,324.34	-650.97	1,817.21	1,761.00	56.21	32.329	
8,000.00	7,754.25	7,511.90	7,463.55	30.89	26.83	-84.74	1,324.63	-651.83	1,836.80	1,780.37	56.43	32.549	
8,100.00	7,775.41	7,508.91	7,460.71	31.21	26.82	-82.27	1,324.33	-650.94	1,858.77	1,801.99	56.78	32.734	
8,200.00	7,780.00	7,501.11	7,453.27	31.71	26.80	-80.30	1,323.59	-648.70	1,882.48	1,825.22	57.26	32.875	
8,300.00	7,780.00	7,492.63	7,445.16	32.46	26.78	-80.04	1,322.84	-646.35	1,910.02	1,852.15	57.87	33.008	
8,400.00	7,780.00	7,484.83	7,437.67	33.45	26.76	-79.81	1,322.20	-644.28	1,942.21	1,883.63	58.57	33.159	
8,500.00	7,780.00	7,448.00	7,401.95	34.65	26.66	-78.69	1,319.84	-635.64	1,979.64	1,920.50	59.14	33.474	
8,600.00	7,780.00	7,448.00	7,401.95	36.03	26.66	-78.69	1,319.84	-635.64	2,020.16	1,960.13	60.02	33.657	
8,700.00	7,780.00	7,448.00	7,401.95	37.56	26.66	-78.69	1,319.84	-635.64	2,064.73	2,003.80	60.93	33.889	
8,800.00	7,780.00	7,448.00	7,401.95	39.22	26.66	-78.69	1,319.84	-635.64	2,113.09	2,051.26	61.83	34.174	
8,900.00	7,780.00	7,448.00	7,401.95	40.99	26.66	-78.69	1,319.84	-635.64	2,165.00	2,102.27	62.73	34.514	
9,000.00	7,780.00	7,448.00	7,401.95	42.86	26.66	-78.69	1,319.84	-635.64	2,220.20	2,156.60	63.60	34.909	
9,100.00	7,780.00	7,448.00	7,401.95	44.82	26.66	-78.69	1,319.84	-635.64	2,278.46	2,214.01	64.44	35.357	
9,200.00	7,780.00	7,448.00	7,401.95	46.84	26.66	-78.69	1,319.84	-635.64	2,339.54	2,274.29	65.25	35.857	
9,300.00	7,780.00	7,448.00	7,401.95	48.94	26.66	-78.69	1,319.84	-635.64	2,403.23	2,337.21	66.01	36.405	
9,400.00	7,780.00	7,448.00	7,401.95	51.09	26.66	-78.69	1,319.84	-635.64	2,469.32	2,402.58	66.74	36.999	
9,500.00	7,780.00	7,448.00	7,401.95	53.29	26.66	-78.69	1,319.84	-635.64	2,537.64	2,470.22	67.43	37.636	
9,600.00	7,780.00	7,448.00	7,401.95	55.53	26.66	-78.69	1,319.84	-635.64	2,608.01	2,539.93	68.07	38.312	
9,700.00	7,780.00	7,448.00	7,401.95	57.81	26.66	-78.69	1,319.84	-635.64	2,680.25	2,611.58	68.68	39.026	
9,800.00	7,780.00	7,448.00	7,401.95	60.13	26.66	-78.69	1,319.84	-635.64	2,754.24	2,684.99	69.25	39.774	
9,900.00	7,780.00	7,448.00	7,401.95	62.48	26.66	-78.69	1,319.84	-635.64	2,829.82	2,760.04	69.78	40.553	
10,000.00	7,780.00	7,448.00	7,401.95	64.85	26.66	-78.69	1,319.84	-635.64	2,906.88	2,836.60	70.28	41.361	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,100.00	7,780.00	7,408.92	7,363.52	67.25	26.54	-77.51	1,318.28	-628.74	2,983.81	2,913.23	70.58	42.276		
10,200.00	7,780.00	7,406.51	7,361.13	69.67	26.54	-77.43	1,318.21	-628.40	3,063.29	2,992.28	71.01	43.138		
10,300.00	7,780.00	7,404.23	7,358.88	72.11	26.53	-77.37	1,318.14	-628.08	3,143.94	3,072.52	71.42	44.022		
10,400.00	7,780.00	7,402.07	7,356.74	74.56	26.52	-77.30	1,318.08	-627.79	3,225.66	3,153.86	71.80	44.927		
10,500.00	7,780.00	7,400.02	7,354.71	77.04	26.52	-77.24	1,318.03	-627.52	3,308.37	3,236.22	72.15	45.851		
10,600.00	7,780.00	7,398.07	7,352.78	79.52	26.51	-77.18	1,317.97	-627.27	3,392.01	3,319.52	72.49	46.793		
10,700.00	7,780.00	7,396.22	7,350.94	82.02	26.51	-77.12	1,317.93	-627.04	3,476.51	3,403.70	72.81	47.751		
10,800.00	7,780.00	7,394.46	7,349.19	84.54	26.50	-77.07	1,317.88	-626.83	3,561.80	3,488.70	73.10	48.724		
10,900.00	7,780.00	7,354.00	7,308.90	87.06	26.38	-75.85	1,317.30	-623.33	3,649.31	3,576.09	73.23	49.837		
11,000.00	7,780.00	7,354.00	7,308.90	89.59	26.38	-75.85	1,317.30	-623.33	3,735.92	3,662.42	73.50	50.830		
11,100.00	7,780.00	7,354.00	7,308.90	92.14	26.38	-75.85	1,317.30	-623.33	3,823.18	3,749.42	73.76	51.835		
11,200.00	7,780.00	7,354.00	7,308.90	94.69	26.38	-75.85	1,317.30	-623.33	3,911.05	3,837.05	74.00	52.852		
11,300.00	7,780.00	7,354.00	7,308.90	97.24	26.38	-75.85	1,317.30	-623.33	3,999.49	3,925.26	74.23	53.880		
11,400.00	7,780.00	7,354.00	7,308.90	99.81	26.38	-75.85	1,317.30	-623.33	4,088.46	4,014.01	74.45	54.918		
11,500.00	7,780.00	7,354.00	7,308.90	102.38	26.38	-75.85	1,317.30	-623.33	4,177.93	4,103.28	74.65	55.964		
11,600.00	7,780.00	7,354.00	7,308.90	104.96	26.38	-75.85	1,317.30	-623.33	4,267.87	4,193.02	74.85	57.020		
11,700.00	7,780.00	7,354.00	7,308.90	107.55	26.38	-75.85	1,317.30	-623.33	4,358.24	4,283.21	75.04	58.083		
11,800.00	7,780.00	7,354.00	7,308.90	110.14	26.38	-75.85	1,317.30	-623.33	4,449.03	4,373.82	75.21	59.153		
11,900.00	7,780.00	7,354.00	7,308.90	112.73	26.38	-75.85	1,317.30	-623.33	4,540.21	4,464.83	75.38	60.230		
12,000.00	7,780.00	7,354.00	7,308.90	115.33	26.38	-75.85	1,317.30	-623.33	4,631.75	4,556.20	75.54	61.313		
12,100.00	7,780.00	7,354.00	7,308.90	117.93	26.38	-75.85	1,317.30	-623.33	4,723.63	4,647.93	75.70	62.403		
12,200.00	7,780.00	7,354.00	7,308.90	120.54	26.38	-75.85	1,317.30	-623.33	4,815.84	4,739.99	75.84	63.497		
12,300.00	7,780.00	7,354.00	7,308.90	123.15	26.38	-75.85	1,317.30	-623.33	4,908.35	4,832.36	75.98	64.597		
12,400.00	7,780.00	7,354.00	7,308.90	125.77	26.38	-75.85	1,317.30	-623.33	5,001.15	4,925.03	76.12	65.701		
12,500.00	7,780.00	7,354.00	7,308.90	128.39	26.38	-75.85	1,317.30	-623.33	5,094.22	5,017.97	76.25	66.810		
12,600.00	7,780.00	7,354.00	7,308.90	131.01	26.38	-75.85	1,317.30	-623.33	5,187.55	5,111.18	76.37	67.922		
12,700.00	7,780.00	7,354.00	7,308.90	133.63	26.38	-75.85	1,317.30	-623.33	5,281.12	5,204.63	76.50	69.039		
12,800.00	7,780.00	7,354.00	7,308.90	136.26	26.38	-75.85	1,317.30	-623.33	5,374.93	5,298.32	76.61	70.158		
12,900.00	7,780.00	7,354.00	7,308.90	138.89	26.38	-75.85	1,317.30	-623.33	5,468.96	5,392.23	76.72	71.281		
13,000.00	7,780.00	7,354.00	7,308.90	141.52	26.38	-75.85	1,317.30	-623.33	5,563.19	5,486.36	76.83	72.407		
13,100.00	7,780.00	7,354.00	7,308.90	144.16	26.38	-75.85	1,317.30	-623.33	5,657.62	5,580.68	76.94	73.536		
13,200.00	7,780.00	7,354.00	7,308.90	146.79	26.38	-75.85	1,317.30	-623.33	5,752.24	5,675.20	77.04	74.667		
13,300.00	7,780.00	7,354.00	7,308.90	149.43	26.38	-75.85	1,317.30	-623.33	5,847.04	5,769.90	77.14	75.800		
13,400.00	7,780.00	7,354.00	7,308.90	152.07	26.38	-75.85	1,317.30	-623.33	5,942.01	5,864.78	77.23	76.936		
13,500.00	7,780.00	7,354.00	7,308.90	154.72	26.38	-75.85	1,317.30	-623.33	6,037.14	5,959.81	77.33	78.073		
13,600.00	7,780.00	7,354.00	7,308.90	157.36	26.38	-75.85	1,317.30	-623.33	6,132.43	6,055.01	77.42	79.212		
13,700.00	7,780.00	7,354.00	7,308.90	160.01	26.38	-75.85	1,317.30	-623.33	6,227.86	6,150.36	77.51	80.353		
13,800.00	7,780.00	7,354.00	7,308.90	162.66	26.38	-75.85	1,317.30	-623.33	6,323.44	6,245.84	77.59	81.495		
13,900.00	7,780.00	7,354.00	7,308.90	165.31	26.38	-75.85	1,317.30	-623.33	6,419.15	6,341.47	77.68	82.639		
14,000.00	7,780.00	7,354.00	7,308.90	167.96	26.38	-75.85	1,317.30	-623.33	6,514.99	6,437.23	77.76	83.783		
14,100.00	7,780.00	7,354.00	7,308.90	170.61	26.38	-75.85	1,317.30	-623.33	6,610.95	6,533.11	77.84	84.929		
14,200.00	7,780.00	7,354.00	7,308.90	173.26	26.38	-75.85	1,317.30	-623.33	6,707.03	6,629.11	77.92	86.076		
14,300.00	7,780.00	7,354.00	7,308.90	175.92	26.38	-75.85	1,317.30	-623.33	6,803.22	6,725.23	78.00	87.223		
14,400.00	7,780.00	7,354.00	7,308.90	178.58	26.38	-75.85	1,317.30	-623.33	6,899.53	6,821.45	78.07	88.371		
14,500.00	7,780.00	7,354.00	7,308.90	181.23	26.38	-75.85	1,317.30	-623.33	6,995.93	6,917.78	78.15	89.520		
14,600.00	7,780.00	7,354.00	7,308.90	183.89	26.38	-75.85	1,317.30	-623.33	7,092.44	7,014.21	78.22	90.669		
14,700.00	7,780.00	7,354.00	7,308.90	186.55	26.38	-75.85	1,317.30	-623.33	7,189.04	7,110.74	78.30	91.818		
14,800.00	7,780.00	7,354.00	7,308.90	189.21	26.38	-75.85	1,317.30	-623.33	7,285.73	7,207.36	78.37	92.968		
14,900.00	7,780.00	7,354.00	7,308.90	191.88	26.38	-75.85	1,317.30	-623.33	7,382.51	7,304.07	78.44	94.118		
15,000.00	7,780.00	7,354.00	7,308.90	194.54	26.38	-75.85	1,317.30	-623.33	7,479.37	7,400.87	78.51	95.268		
15,100.00	7,780.00	7,354.00	7,308.90	197.20	26.38	-75.85	1,317.30	-623.33	7,576.32	7,497.74	78.58	96.419		
15,200.00	7,780.00	7,354.00	7,308.90	199.87	26.38	-75.85	1,317.30	-623.33	7,673.35	7,594.70	78.65	97.569		

CC - Min centre to 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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

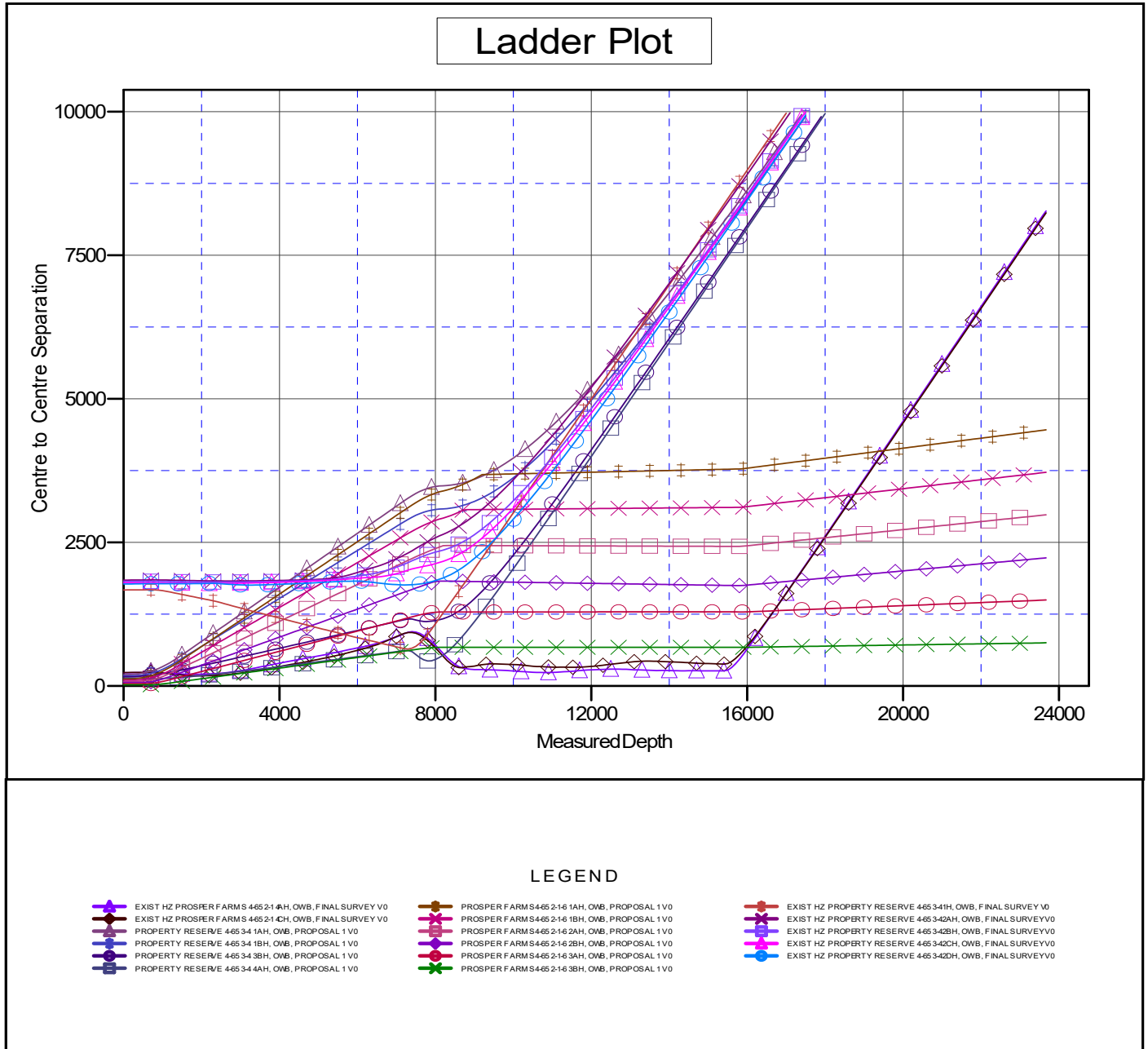
Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	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	
15,300.00	7,780.00	7,354.00	7,308.90	202.53	26.38	-75.85	1,317.30	-623.33	7,770.45	7,691.73	78.71	98.719	
15,400.00	7,780.00	7,354.00	7,308.90	205.20	26.38	-75.85	1,317.30	-623.33	7,867.62	7,788.84	78.78	99.868	
15,500.00	7,780.00	7,354.00	7,308.90	207.86	26.38	-75.85	1,317.30	-623.33	7,964.86	7,886.02	78.85	101.018	
15,600.00	7,780.00	7,354.00	7,308.90	210.53	26.38	-75.85	1,317.30	-623.33	8,062.17	7,983.26	78.91	102.167	
15,700.00	7,780.00	7,354.00	7,308.90	213.20	26.38	-75.85	1,317.30	-623.33	8,159.55	8,080.57	78.98	103.316	
15,800.00	7,780.00	7,354.00	7,308.90	215.87	26.38	-74.54	1,317.30	-623.33	8,257.10	8,178.06	79.04	104.466	
15,900.00	7,780.00	7,354.00	7,308.90	218.54	26.38	-71.47	1,317.30	-623.33	8,355.33	8,276.22	79.10	105.627	
16,000.00	7,780.00	7,354.00	7,308.90	221.22	26.38	-69.40	1,317.30	-623.33	8,454.09	8,374.93	79.16	106.797	
16,100.00	7,780.00	7,354.00	7,308.90	223.89	26.38	-69.40	1,317.30	-623.33	8,552.94	8,473.72	79.22	107.969	
16,200.00	7,780.00	7,354.00	7,308.90	226.57	26.38	-69.40	1,317.30	-623.33	8,651.82	8,572.55	79.27	109.139	
16,300.00	7,780.00	7,354.00	7,308.90	229.24	26.38	-69.40	1,317.30	-623.33	8,750.73	8,671.40	79.33	110.307	
16,400.00	7,780.00	7,354.00	7,308.90	231.92	26.38	-69.40	1,317.30	-623.33	8,849.66	8,770.27	79.39	111.475	
16,500.00	7,780.00	7,354.00	7,308.90	234.60	26.38	-69.40	1,317.30	-623.33	8,948.62	8,869.17	79.44	112.641	
16,600.00	7,780.00	7,354.00	7,308.90	237.28	26.38	-69.40	1,317.30	-623.33	9,047.59	8,968.09	79.50	113.806	
16,700.00	7,780.00	7,354.00	7,308.90	239.96	26.38	-69.40	1,317.30	-623.33	9,146.59	9,067.04	79.56	114.969	
16,800.00	7,780.00	7,354.00	7,308.90	242.64	26.38	-69.40	1,317.30	-623.33	9,245.62	9,166.00	79.61	116.131	
16,900.00	7,780.00	7,354.00	7,308.90	245.32	26.38	-69.40	1,317.30	-623.33	9,344.66	9,264.99	79.67	117.292	
17,000.00	7,780.00	7,354.00	7,308.90	248.00	26.38	-69.40	1,317.30	-623.33	9,443.72	9,363.99	79.73	118.451	
17,100.00	7,780.00	7,354.00	7,308.90	250.68	26.38	-69.40	1,317.30	-623.33	9,542.80	9,463.02	79.78	119.608	
17,200.00	7,780.00	7,354.00	7,308.90	253.36	26.38	-69.40	1,317.30	-623.33	9,641.90	9,562.06	79.84	120.764	
17,300.00	7,780.00	7,354.00	7,308.90	256.04	26.38	-69.40	1,317.30	-623.33	9,741.02	9,661.13	79.90	121.919	
17,400.00	7,780.00	7,354.00	7,308.90	258.72	26.38	-69.40	1,317.30	-623.33	9,840.16	9,760.21	79.95	123.071	
17,500.00	7,780.00	7,354.00	7,308.90	261.41	26.38	-69.40	1,317.30	-623.33	9,939.32	9,859.30	80.01	124.223	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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' @ 5656.71usft
Offset Depths are relative to Offset Datum
Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 2-1-6 3CH
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 3CH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.71usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.71usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 3CH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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' @ 5656.71usft

Offset Depths are relative to Offset Datum

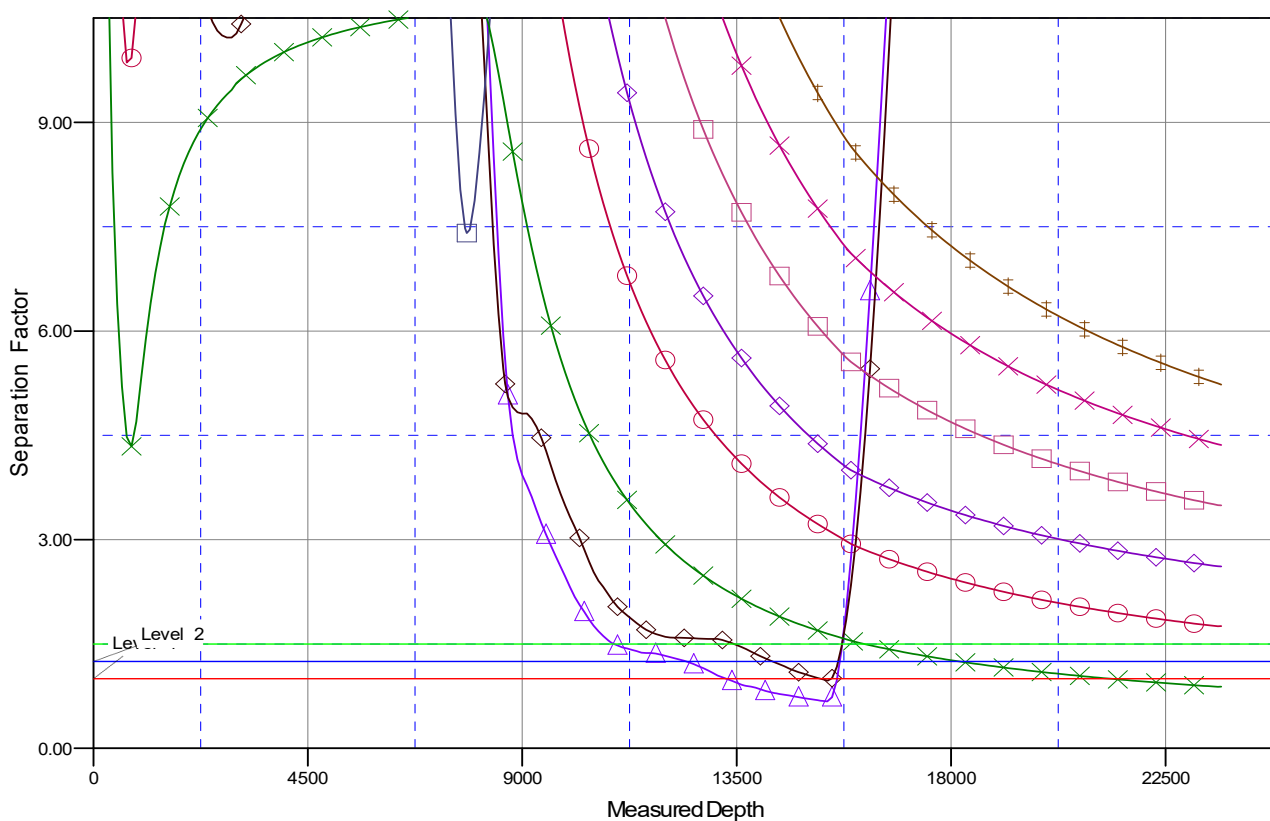
Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 2-1-6 3CH

Coordinate System is US State Plane 1983, Colorado Central Zone

Grid Convergence at Surface is: 0.54°

Separation Factor Plot



LEGEND

EXIST HZ PROSPER FARMS 465 2-1-6 1AH, OWB, FINAL SURVEY V0	PROSPER FARM S465 2-1-6 1AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 465 3-41H, OWB, FINAL SURVEY V0
EXIST HZ PROSPER FARMS 465 2-1-6 1CH, OWB, FINAL SURVEY V0	PROSPER FARM S465 2-1-6 1BH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 465 3-42AH, OWB, FINAL SURVEY V0
PROPERTY RESERVE 465 3-4 1AH, OWB, PROPOSAL 1 V0	PROSPER FARM S465 2-1-6 2AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 465 3-42BH, OWB, FINAL SURVEY V0
PROPERTY RESERVE 465 3-4 1BH, OWB, PROPOSAL 1 V0	PROSPER FARM S465 2-1-6 2BH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 465 3-42CH, OWB, FINAL SURVEY V0
PROPERTY RESERVE 465 3-4 3BH, OWB, PROPOSAL 1 V0	PROSPER FARM S465 2-1-6 3AH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 465 3-42DH, OWB, FINAL SURVEY V0
PROPERTY RESERVE 465 3-4 4AH, OWB, PROPOSAL 1 V0	PROSPER FARM S465 2-1-6 3BH, OWB, PROPOSAL 1 V0	EXIST HZ PROPERTY RESERVE 465 3-42DH, OWB, FINAL SURVEY V0