

CRESTONE PEAK RESOURCES

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

**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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	8/12/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	24,092.23	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 2-T4S-R65W						
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	0.00	27.30	330.82			
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	16,100.00	14,488.00	2,853.26	2,456.37	7.189	SF
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	0.00	28.05	333.63			
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	200.00	227.82	333.91	332.80	300.858	ES
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	16,300.00	14,617.00	3,515.52	3,114.14	8.759	SF
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	100.00	100.60	99.81	99.54	370.137	CC, ES
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	8,000.00	7,931.52	803.52	715.85	9.165	SF
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	200.00	200.70	79.78	78.79	80.719	CC
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	700.00	687.14	81.30	76.73	17.811	ES
PROPERTY RESERVE 4-65 3-4 1BH - OWB - PROPOS	8,300.00	8,238.30	237.85	163.64	3.205	SF
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	996.57	989.39	6.32	-0.87	0.879	Level 1, CC
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	1,000.00	1,007.25	6.36	-0.89	0.877	Level 1, ES, SF
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	626.01	625.42	10.65	6.56	2.606	CC, ES, SF
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	100.00	99.90	20.04	19.77	74.564	CC
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	24,092.24	24,223.63	743.13	-107.45	0.874	Level 1, ES, SF
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	200.00	200.10	20.03	19.05	20.316	CC
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	24,092.24	23,849.74	743.07	-104.48	0.877	Level 1, ES, SF
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	200.00	200.20	40.07	39.08	40.617	CC, ES
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	24,092.24	23,772.25	1,489.49	637.97	1.749	SF
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	200.00	200.30	60.10	59.12	60.904	CC, ES
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	24,092.24	23,547.35	2,218.01	1,370.74	2.618	SF
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	200.00	200.40	80.13	79.15	81.171	CC, ES
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	24,092.24	23,504.80	2,962.04	2,116.71	3.504	SF
PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL	200.00	200.50	100.17	99.19	101.433	CC, ES
PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL	24,092.24	23,355.51	3,707.66	2,865.39	4.402	SF

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Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 3-T4S-R65W						
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	0.00	47.60	1,733.02			
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	7,600.00	7,260.38	3,156.97	3,095.91	51.699	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	7,718.68	7,481.16	330.61	265.86	5.106	CC, ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	7,800.00	7,542.00	335.98	269.29	5.038	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	6,480.74	6,250.75	504.49	447.76	8.893	CC, ES, SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	5,435.21	5,133.66	501.31	449.93	9.757	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	5,500.00	5,194.46	501.80	449.78	9.646	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	6,100.00	5,819.25	520.97	464.92	9.295	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	5,330.28	5,036.90	437.84	387.54	8.705	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	5,400.00	5,102.46	438.48	387.50	8.601	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	5,600.00	5,289.36	447.83	395.22	8.513	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 Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
				Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
0.00	0.00	27.30	27.30	0.00	0.04	-179.30	-330.80	-4.07	330.82				
100.00	100.00	125.60	125.57	0.13	0.29	-178.94	-331.42	-6.11	331.49	331.06	0.43	774.586	
200.00	200.00	225.72	225.67	0.49	0.65	-178.52	-332.17	-8.58	332.29	331.14	1.15	289.729	
300.00	299.98	325.83	325.74	0.85	1.02	-159.19	-332.88	-11.03	334.70	332.83	1.87	179.128	
400.00	399.84	425.81	425.69	1.22	1.38	-159.07	-333.52	-13.39	340.31	337.72	2.60	131.135	
500.00	499.45	525.26	525.11	1.59	1.74	-159.13	-334.20	-15.72	349.20	345.88	3.32	105.102	
600.00	598.70	624.60	624.42	1.97	2.10	-159.34	-334.84	-18.20	361.33	357.28	4.05	89.148	
700.00	697.47	723.39	723.17	2.38	2.45	-159.71	-335.49	-20.61	376.71	371.92	4.79	78.703	
800.00	795.62	821.52	821.27	2.82	2.81	-160.18	-336.11	-23.06	395.32	389.80	5.52	71.583	
900.00	893.06	918.20	917.92	3.29	3.16	-160.75	-336.81	-25.34	417.28	411.03	6.26	66.670	
1,000.00	989.64	1,012.06	1,011.76	3.80	3.49	-161.40	-337.81	-27.24	442.87	435.88	6.99	63.384	
1,100.00	1,085.27	1,105.99	1,105.68	4.35	3.83	-162.23	-339.35	-27.95	472.32	464.60	7.71	61.227	
1,200.00	1,179.82	1,201.26	1,200.93	4.95	4.16	-163.09	-340.89	-28.60	505.05	496.60	8.45	59.760	
1,300.00	1,273.63	1,295.43	1,295.09	5.58	4.50	-164.03	-342.19	-29.48	539.65	530.46	9.19	58.748	
1,400.00	1,367.44	1,389.10	1,388.74	6.22	4.83	-164.88	-343.42	-30.35	574.34	564.43	9.91	57.932	
1,500.00	1,461.25	1,482.32	1,481.95	6.87	5.17	-165.62	-344.65	-31.27	609.13	598.49	10.64	57.234	
1,600.00	1,555.06	1,575.32	1,574.94	7.52	5.50	-166.28	-345.93	-32.19	644.06	632.68	11.37	56.635	
1,700.00	1,648.86	1,669.26	1,668.86	8.18	5.84	-166.89	-347.23	-32.96	679.07	666.96	12.11	56.092	
1,800.00	1,742.67	1,762.83	1,762.42	8.84	6.17	-167.46	-348.44	-33.57	714.08	701.24	12.84	55.617	
1,900.00	1,836.48	1,856.16	1,855.74	9.51	6.50	-167.98	-349.64	-34.11	749.15	735.58	13.57	55.201	
2,000.00	1,930.29	1,949.27	1,948.84	10.18	6.84	-168.45	-350.85	-34.61	784.30	769.99	14.30	54.836	
2,100.00	2,024.10	2,043.18	2,042.75	10.85	7.17	-168.89	-352.08	-35.10	819.49	804.45	15.04	54.491	
2,200.00	2,117.90	2,136.96	2,136.51	11.52	7.51	-169.29	-353.24	-35.53	854.66	838.88	15.78	54.177	
2,300.00	2,211.71	2,228.98	2,228.53	12.19	7.84	-169.65	-354.43	-36.16	889.88	873.38	16.50	53.920	
2,400.00	2,305.52	2,321.18	2,320.71	12.87	8.17	-169.92	-355.97	-37.54	925.36	908.12	17.24	53.688	
2,500.00	2,399.33	2,412.27	2,411.77	13.54	8.49	-170.20	-357.44	-38.42	960.89	942.93	17.96	53.500	
2,600.00	2,493.13	2,503.74	2,503.22	14.22	8.82	-170.46	-359.38	-39.29	996.89	978.21	18.69	53.349	
2,700.00	2,586.94	2,599.34	2,598.82	14.89	9.16	-170.77	-360.84	-39.25	1,032.54	1,013.11	19.43	53.144	
2,800.00	2,680.75	2,688.62	2,688.05	15.57	9.46	-171.19	-362.12	-36.72	1,068.61	1,048.49	20.12	53.115	
2,900.00	2,774.56	2,785.94	2,785.31	16.25	9.79	-171.62	-363.23	-33.77	1,104.50	1,083.65	20.85	52.971	
3,000.00	2,868.36	2,879.06	2,878.40	16.93	10.10	-171.99	-364.28	-31.37	1,140.34	1,118.78	21.56	52.886	
3,100.00	2,962.17	2,972.84	2,972.15	17.61	10.42	-172.33	-365.32	-29.20	1,176.16	1,153.88	22.28	52.789	

CC - Min centre to 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 1BH
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Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
3,200.00	3,055.98	3,064.61	3,063.88	18.28	10.73	-172.63	-366.41	-27.23	1,212.04	1,189.06	22.99	52.724		
3,300.00	3,149.79	3,158.89	3,158.11	18.96	11.05	-172.97	-367.46	-24.27	1,248.09	1,224.38	23.71	52.640		
3,400.00	3,243.60	3,259.65	3,258.78	19.64	11.39	-173.38	-367.69	-19.82	1,283.63	1,259.16	24.47	52.463		
3,500.00	3,337.40	3,352.97	3,351.99	20.32	11.70	-173.75	-367.70	-15.47	1,319.07	1,293.89	25.18	52.386		
3,600.00	3,431.21	3,446.38	3,445.32	21.00	12.02	-174.07	-367.75	-11.67	1,354.48	1,328.58	25.90	52.305		
3,700.00	3,525.02	3,539.44	3,538.33	21.68	12.33	-174.36	-368.06	-8.39	1,390.03	1,363.42	26.61	52.232		
3,800.00	3,618.83	3,635.95	3,634.79	22.36	12.66	-174.62	-368.19	-5.39	1,425.36	1,398.01	27.35	52.109		
3,900.00	3,712.63	3,727.44	3,726.25	23.04	12.98	-174.84	-368.53	-3.00	1,460.80	1,432.74	28.06	52.051		
4,000.00	3,806.44	3,821.07	3,819.85	23.72	13.30	-175.04	-368.89	-0.92	1,496.19	1,467.40	28.79	51.965		
4,100.00	3,900.25	3,926.84	3,925.60	24.41	13.66	-175.24	-369.44	1.26	1,531.73	1,502.14	29.60	51.753		
4,200.00	3,994.06	4,040.24	4,038.95	25.09	14.05	-175.49	-367.63	4.03	1,565.31	1,534.87	30.44	51.419		
4,300.00	4,087.86	4,127.77	4,126.46	25.77	14.35	-175.65	-366.45	5.65	1,599.08	1,567.95	31.13	51.368		
4,400.00	4,181.67	4,218.56	4,217.23	26.45	14.66	-175.79	-365.65	6.87	1,633.16	1,601.32	31.84	51.294		
4,500.00	4,275.48	4,312.50	4,311.17	27.13	14.98	-175.92	-365.01	7.66	1,667.31	1,634.75	32.57	51.194		
4,600.00	4,369.29	4,400.81	4,399.48	27.81	15.28	-176.02	-364.53	8.17	1,701.54	1,668.27	33.27	51.151		
4,700.00	4,463.10	4,484.04	4,482.70	28.49	15.57	-176.09	-364.65	8.43	1,736.31	1,702.37	33.93	51.168		
4,800.00	4,556.90	4,571.33	4,569.99	29.17	15.88	-176.15	-365.42	8.06	1,771.57	1,736.94	34.63	51.155		
4,900.00	4,650.71	4,666.25	4,664.91	29.86	16.22	-176.21	-366.24	8.00	1,806.91	1,771.53	35.38	51.071		
5,000.00	4,744.52	4,780.08	4,778.73	30.54	16.62	-176.31	-366.74	8.46	1,842.05	1,805.81	36.25	50.817		
5,100.00	4,838.33	4,901.63	4,900.27	31.22	17.03	-176.40	-365.12	8.21	1,875.29	1,838.14	37.15	50.475		
5,200.00	4,932.13	4,992.49	4,991.12	31.90	17.34	-176.47	-363.53	7.93	1,908.21	1,870.35	37.87	50.395		
5,300.00	5,025.94	5,078.91	5,077.53	32.58	17.63	-176.53	-362.33	7.68	1,941.47	1,902.92	38.55	50.362		
5,400.00	5,119.75	5,169.45	5,168.07	33.26	17.94	-176.60	-361.30	7.80	1,975.06	1,935.80	39.26	50.305		
5,500.00	5,213.56	5,269.95	5,268.55	33.95	18.29	-176.70	-359.93	8.55	2,008.62	1,968.58	40.04	50.171		
5,600.00	5,307.36	5,366.59	5,365.17	34.63	18.62	-176.80	-358.11	9.81	2,041.84	2,001.06	40.79	50.063		
5,700.00	5,401.17	5,457.13	5,455.69	35.31	18.93	-176.90	-356.50	10.91	2,075.15	2,033.65	41.50	50.006		
5,800.00	5,494.98	5,552.85	5,551.38	35.99	19.26	-176.99	-354.95	12.01	2,108.58	2,066.34	42.24	49.915		
5,900.00	5,588.79	5,646.67	5,645.18	36.68	19.63	-177.09	-352.84	12.97	2,141.67	2,098.60	43.07	49.723		
6,000.00	5,682.59	5,740.47	5,739.00	37.36	19.96	-177.17	-350.66	13.60	2,174.34	2,130.54	43.80	49.640		
6,100.00	5,776.40	5,834.37	5,832.83	38.04	20.26	-177.24	-348.79	14.20	2,207.23	2,162.72	44.51	49.592		
6,200.00	5,870.21	5,928.24	5,926.66	38.72	20.62	-177.32	-346.75	14.62	2,240.15	2,194.85	45.30	49.456		
6,300.00	5,964.02	6,021.98	6,020.36	39.40	21.06	-177.40	-343.09	14.47	2,272.18	2,225.93	46.25	49.131		
6,400.00	6,057.83	6,115.83	6,114.12	40.09	21.40	-177.46	-339.37	14.10	2,303.25	2,256.24	47.01	48.994		
6,500.00	6,151.63	6,209.60	6,207.86	40.77	21.65	-177.52	-336.74	14.80	2,334.85	2,287.23	47.62	49.029		
6,600.00	6,245.44	6,303.43	6,301.62	41.45	21.92	-177.62	-334.21	16.93	2,367.26	2,319.00	48.26	49.055		
6,700.00	6,339.25	6,412.71	6,410.77	42.13	22.24	-177.77	-331.33	20.72	2,400.12	2,351.15	48.97	49.016		
6,800.00	6,433.06	6,487.42	6,485.33	42.82	22.50	-177.91	-328.92	24.74	2,433.34	2,383.76	49.58	49.078		
6,900.00	6,526.86	6,553.74	6,551.48	43.50	22.73	-178.05	-327.21	29.30	2,467.55	2,417.41	50.14	49.215		
7,000.00	6,620.67	6,624.00	6,621.50	44.18	22.98	-178.21	-326.08	34.96	2,502.92	2,452.21	50.72	49.351		
7,100.00	6,714.48	6,693.48	6,690.68	44.86	23.23	-178.38	-325.40	41.29	2,539.19	2,487.90	51.29	49.509		
7,200.00	6,808.29	6,775.38	6,772.15	45.55	23.52	-178.59	-324.71	49.67	2,575.96	2,524.02	51.94	49.592		
7,300.00	6,902.09	6,873.96	6,870.04	46.23	23.87	-178.88	-323.57	61.30	2,612.97	2,560.25	52.72	49.565		
7,400.00	6,995.90	6,948.07	6,943.42	46.91	24.14	-179.13	-322.08	71.54	2,649.91	2,596.59	53.32	49.698		
7,500.00	7,089.71	7,036.72	7,031.22	47.59	24.35	-179.36	-321.10	81.41	2,688.02	2,634.21	53.81	49.956		
7,600.00	7,183.52	7,118.86	7,113.61	48.28	24.70	-179.77	-319.30	99.50	2,726.71	2,672.14	54.57	49.971		
7,700.00	7,277.41	7,217.66	7,212.80	48.95	25.14	169.73	-315.48	123.61	2,764.55	2,709.07	55.48	49.829		
7,800.00	7,371.68	7,302.74	7,297.87	49.54	25.46	138.40	-312.39	141.73	2,797.97	2,741.81	56.16	49.824		
7,900.00	7,464.05	7,379.00	7,373.53	50.01	25.75	114.93	-309.95	157.93	2,825.29	2,768.54	56.75	49.783		
8,000.00	7,551.70	7,412.00	7,397.50	50.36	25.88	100.40	-309.14	165.31	2,846.71	2,789.71	57.00	49.945		
8,100.00	7,631.98	7,477.47	7,462.24	50.61	26.14	91.91	-307.35	183.83	2,861.97	2,804.46	57.51	49.763		
8,200.00	7,702.44	7,528.32	7,507.46	50.75	26.35	86.87	-305.27	202.56	2,870.79	2,812.83	57.96	49.531		
8,300.00	7,760.95	7,575.54	7,549.53	50.81	26.56	84.14	-302.77	223.83	2,873.21	2,814.73	58.48	49.130		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
8,400.00	7,805.72	7,601.00	7,571.35	50.80	26.67	82.86	-301.21	236.84	2,869.51	2,810.54	58.97	48.664		
8,500.00	7,835.40	7,650.09	7,611.64	50.72	26.92	83.21	-298.15	264.69	2,859.93	2,800.06	59.87	47.767		
8,600.00	7,849.08	7,696.00	7,647.04	50.60	27.15	84.72	-295.46	293.78	2,845.41	2,784.46	60.95	46.684		
8,700.00	7,850.00	7,696.00	7,647.04	50.45	27.15	85.25	-295.46	293.78	2,827.83	2,766.03	61.81	45.754		
8,800.00	7,850.00	7,742.80	7,680.60	50.32	27.43	85.93	-293.00	326.29	2,812.45	2,749.19	63.26	44.457		
8,900.00	7,850.00	7,790.00	7,711.60	50.22	27.71	86.56	-290.89	361.80	2,799.85	2,735.01	64.85	43.177		
9,000.00	7,850.00	7,790.00	7,711.60	50.15	27.71	86.56	-290.89	361.80	2,789.91	2,723.81	66.11	42.202		
9,100.00	7,850.00	7,825.98	7,733.11	50.11	27.98	87.00	-289.95	390.62	2,782.69	2,714.84	67.85	41.012		
9,200.00	7,850.00	7,849.22	7,745.92	50.12	28.15	87.27	-289.90	409.99	2,778.51	2,708.97	69.54	39.954		
9,300.00	7,850.00	7,884.00	7,763.46	50.20	28.40	87.63	-290.65	440.02	2,777.26	2,705.84	71.42	38.886		
9,306.03	7,850.00	7,884.00	7,763.46	50.21	28.40	87.63	-290.65	440.02	2,777.25	2,705.74	71.52	38.833		
9,400.00	7,850.00	7,907.06	7,774.06	50.42	28.61	87.85	-291.59	460.47	2,778.62	2,705.35	73.27	37.922		
9,500.00	7,850.00	7,947.05	7,790.77	50.87	28.96	88.20	-293.78	496.72	2,782.42	2,707.06	75.36	36.920		
9,600.00	7,850.00	9,600.00	7,821.17	51.72	46.51	88.82	-299.87	583.93	2,787.83	2,693.03	94.80	29.408		
9,700.00	7,850.00	8,253.77	7,853.20	53.02	32.58	89.48	-307.58	794.22	2,790.01	2,706.88	83.13	33.560		
9,800.00	7,850.00	8,319.07	7,851.41	54.65	33.53	89.45	-309.37	859.47	2,792.12	2,706.14	85.99	32.472		
9,900.00	7,850.00	8,407.57	7,847.98	56.50	34.92	89.38	-312.45	947.85	2,795.03	2,705.65	89.37	31.273		
10,000.00	7,850.00	8,515.89	7,846.05	58.48	36.77	89.34	-316.35	1,056.08	2,798.03	2,704.70	93.33	29.980		
10,100.00	7,850.00	8,618.34	7,845.50	60.55	38.64	89.33	-319.58	1,158.48	2,800.57	2,703.22	97.34	28.770		
10,200.00	7,850.00	8,703.09	7,844.90	62.69	40.26	89.32	-322.65	1,243.17	2,803.57	2,702.48	101.10	27.732		
10,300.00	7,850.00	8,797.40	7,844.14	64.88	42.14	89.30	-326.40	1,337.41	2,806.94	2,701.76	105.17	26.689		
10,400.00	7,850.00	8,885.25	7,843.61	67.11	43.95	89.29	-330.02	1,425.18	2,810.46	2,701.27	109.19	25.739		
10,500.00	7,850.00	8,953.00	7,842.60	69.38	45.37	89.27	-333.39	1,492.83	2,814.86	2,702.09	112.76	24.963		
10,600.00	7,850.00	9,028.46	7,840.49	71.68	47.01	89.23	-337.88	1,568.13	2,820.25	2,703.67	116.58	24.191		
10,700.00	7,850.00	9,119.21	7,837.45	74.00	49.00	89.17	-343.95	1,658.62	2,826.36	2,705.51	120.86	23.386		
10,800.00	7,850.00	9,297.22	7,834.92	76.36	53.03	89.12	-353.43	1,836.36	2,831.02	2,703.41	127.61	22.185		
10,900.00	7,850.00	9,372.40	7,834.58	78.73	54.77	89.12	-356.56	1,911.46	2,834.65	2,703.03	131.62	21.537		
11,000.00	7,850.00	9,438.13	7,833.33	81.13	56.31	89.09	-360.32	1,977.08	2,839.71	2,704.34	135.38	20.977		
11,100.00	7,850.00	9,590.96	7,832.99	83.54	59.93	89.09	-367.96	2,129.71	2,843.99	2,702.30	141.69	20.071		
11,200.00	7,850.00	9,731.14	7,832.17	85.97	63.31	89.07	-372.99	2,269.79	2,846.98	2,699.28	147.70	19.275		
11,300.00	7,850.00	9,854.44	7,830.26	88.42	66.32	89.03	-375.83	2,393.04	2,848.67	2,695.41	153.26	18.587		
11,400.00	7,850.00	10,046.18	7,828.32	90.88	71.04	88.99	-375.39	2,584.74	2,847.25	2,686.46	160.79	17.708		
11,500.00	7,850.00	10,217.70	7,826.87	93.35	75.30	88.96	-371.66	2,756.19	2,844.67	2,676.95	167.72	16.961		
11,600.00	7,850.00	10,296.53	7,826.25	95.83	77.27	88.95	-369.08	2,834.98	2,840.78	2,668.63	172.15	16.502		
11,700.00	7,850.00	10,389.77	7,824.68	98.33	79.61	88.92	-366.43	2,928.16	2,837.35	2,660.36	176.99	16.031		
11,800.00	7,850.00	10,485.30	7,822.15	100.83	82.02	88.86	-363.81	3,023.63	2,834.04	2,652.14	181.90	15.580		
11,900.00	7,850.00	10,669.99	7,821.14	103.35	86.69	88.84	-357.58	3,208.17	2,830.65	2,641.39	189.26	14.957		
12,000.00	7,850.00	10,763.71	7,823.32	105.87	89.07	88.88	-352.46	3,301.72	2,824.53	2,630.34	194.19	14.545		
12,100.00	7,850.00	10,834.21	7,825.12	108.40	90.87	88.92	-349.04	3,372.12	2,819.03	2,620.52	198.51	14.201		
12,200.00	7,850.00	10,892.18	7,826.32	110.94	92.35	88.94	-347.00	3,430.04	2,814.86	2,612.39	202.47	13.903		
12,300.00	7,850.00	10,977.85	7,827.58	113.48	94.55	88.97	-344.99	3,515.68	2,811.84	2,604.64	207.20	13.571		
12,400.00	7,850.00	11,066.61	7,828.84	116.04	96.84	88.99	-343.11	3,604.40	2,809.08	2,597.06	212.02	13.249		
12,500.00	7,850.00	11,156.41	7,829.98	118.59	99.15	89.01	-341.61	3,694.19	2,806.78	2,589.89	216.89	12.941		
12,600.00	7,850.00	11,257.34	7,830.92	121.16	101.76	89.03	-340.12	3,795.10	2,804.67	2,582.58	222.08	12.629		
12,700.00	7,850.00	11,355.52	7,831.35	123.73	104.31	89.04	-338.58	3,893.27	2,802.47	2,575.26	227.21	12.334		
12,800.00	7,850.00	11,447.03	7,830.43	126.30	106.68	89.02	-337.31	3,984.76	2,800.48	2,568.34	232.14	12.064		
12,900.00	7,850.00	11,525.37	7,829.10	128.88	108.72	88.99	-336.57	4,063.09	2,798.97	2,562.30	236.68	11.826		
13,000.00	7,850.00	11,597.96	7,827.87	131.46	110.61	88.97	-336.60	4,135.66	2,798.42	2,557.38	241.03	11.610		
13,006.97	7,850.00	11,603.03	7,827.79	131.64	110.74	88.97	-336.63	4,140.74	2,798.42	2,557.08	241.34	11.595		
13,100.00	7,850.00	11,671.04	7,826.74	134.05	112.52	88.94	-337.34	4,208.73	2,798.84	2,553.44	245.39	11.406		
13,200.00	7,850.00	11,747.85	7,826.23	136.64	114.53	88.93	-338.81	4,285.53	2,800.14	2,550.29	249.86	11.207		
13,300.00	7,850.00	11,848.24	7,826.91	139.24	117.15	88.95	-341.23	4,385.88	2,801.93	2,546.83	255.10	10.984		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
13,400.00	7,850.00	11,923.49	7,827.54	141.84	119.13	88.96	-343.29	4,461.11	2,804.04	2,544.53	259.51	10.805		
13,500.00	7,850.00	11,992.46	7,827.45	144.44	120.94	88.96	-345.86	4,530.02	2,807.16	2,543.46	263.69	10.646		
13,600.00	7,850.00	12,064.68	7,826.52	147.05	122.84	88.94	-349.39	4,602.15	2,811.42	2,543.46	267.96	10.492		
13,700.00	7,850.00	12,247.91	7,825.30	149.66	127.66	88.92	-357.35	4,785.18	2,815.61	2,539.56	276.05	10.200		
13,800.00	7,850.00	12,327.00	7,826.00	152.27	129.74	88.94	-359.53	4,864.24	2,817.72	2,537.11	280.61	10.041		
13,900.00	7,850.00	12,417.29	7,826.60	154.88	132.12	88.95	-362.50	4,954.48	2,820.38	2,534.84	285.54	9.877		
14,000.00	7,850.00	12,499.97	7,826.88	157.50	134.30	88.96	-365.58	5,037.09	2,823.49	2,533.27	290.21	9.729		
14,100.00	7,850.00	12,580.96	7,825.97	160.12	136.44	88.94	-369.10	5,118.00	2,827.23	2,532.42	294.81	9.590		
14,200.00	7,850.00	12,828.43	7,822.13	162.74	142.98	88.86	-374.12	5,365.33	2,828.61	2,523.71	304.91	9.277		
14,297.34	7,850.00	12,894.00	7,822.24	165.29	144.71	88.86	-374.06	5,430.90	2,827.97	2,518.90	309.06	9.150		
14,300.00	7,850.00	12,894.00	7,822.24	165.36	144.71	88.86	-374.06	5,430.90	2,827.97	2,518.85	309.12	9.148		
14,400.00	7,850.00	12,953.97	7,821.84	167.99	146.30	88.86	-374.78	5,490.87	2,828.65	2,515.54	313.11	9.034		
14,500.00	7,850.00	13,014.77	7,820.49	170.62	147.91	88.83	-376.55	5,551.62	2,830.93	2,513.87	317.06	8.929		
14,600.00	7,850.00	13,097.86	7,817.79	173.25	150.11	88.78	-379.81	5,634.60	2,834.27	2,512.53	321.74	8.809		
14,700.00	7,850.00	13,241.43	7,815.73	175.88	153.92	88.74	-384.17	5,778.09	2,836.60	2,508.08	328.52	8.634		
14,800.00	7,850.00	13,375.25	7,814.86	178.52	157.47	88.72	-386.93	5,911.87	2,838.10	2,503.17	334.93	8.474		
14,900.00	7,850.00	13,497.83	7,814.10	181.15	160.72	88.70	-388.04	6,034.44	2,838.39	2,497.45	340.94	8.325		
14,965.87	7,850.00	13,568.62	7,813.39	182.89	162.60	88.69	-388.38	6,105.24	2,838.31	2,493.73	344.58	8.237		
15,000.00	7,850.00	13,590.18	7,813.01	183.79	163.17	88.68	-388.54	6,126.78	2,838.34	2,492.35	345.99	8.204		
15,100.00	7,850.00	13,673.12	7,810.75	186.43	165.38	88.64	-389.55	6,209.69	2,838.99	2,488.26	350.73	8.094		
15,200.00	7,850.00	13,774.16	7,808.25	189.07	168.06	88.59	-390.83	6,310.69	2,839.70	2,483.64	356.06	7.975		
15,300.00	7,850.00	13,860.21	7,806.16	191.71	170.35	88.54	-392.25	6,396.70	2,840.78	2,479.89	360.89	7.872		
15,400.00	7,850.00	13,959.94	7,803.40	194.36	173.00	88.49	-394.15	6,496.38	2,842.14	2,475.96	366.18	7.762		
15,500.00	7,850.00	14,070.30	7,800.50	197.00	175.94	88.43	-395.97	6,606.69	2,843.24	2,471.42	371.81	7.647		
15,600.00	7,850.00	14,169.57	7,798.23	199.65	178.58	88.39	-397.40	6,705.92	2,844.13	2,467.04	377.09	7.542		
15,700.00	7,850.00	14,270.09	7,796.46	202.30	181.26	88.35	-399.01	6,806.41	2,845.16	2,462.75	382.41	7.440		
15,800.00	7,850.00	14,396.73	7,794.86	204.94	184.63	88.32	-400.47	6,933.03	2,845.76	2,457.18	388.58	7.324		
15,891.40	7,850.00	14,494.70	7,793.70	207.37	187.24	88.30	-400.86	7,030.99	2,845.58	2,451.94	393.64	7.229		
15,900.00	7,850.00	14,488.00	7,793.77	207.59	187.06	88.30	-400.84	7,024.29	2,845.60	2,451.99	393.61	7.230		
16,000.00	7,850.00	14,488.00	7,793.77	210.25	187.06	88.30	-400.84	7,024.29	2,847.68	2,452.19	395.49	7.200		
16,100.00	7,850.00	14,488.00	7,793.77	212.90	187.06	88.30	-400.84	7,024.29	2,853.26	2,456.37	396.89	7.189 SF		
16,200.00	7,850.00	14,488.00	7,793.77	215.55	187.06	88.30	-400.84	7,024.29	2,862.33	2,464.50	397.83	7.195		
16,300.00	7,850.00	14,488.00	7,793.77	218.20	187.06	88.30	-400.84	7,024.29	2,874.85	2,476.55	398.29	7.218		
16,400.00	7,850.00	14,488.00	7,793.77	220.86	187.06	88.30	-400.84	7,024.29	2,890.77	2,492.47	398.30	7.258		
16,500.00	7,850.00	14,488.00	7,793.77	223.52	187.06	88.30	-400.84	7,024.29	2,910.05	2,512.18	397.87	7.314		
16,600.00	7,850.00	14,488.00	7,793.77	226.17	187.06	88.30	-400.84	7,024.29	2,932.62	2,535.60	397.02	7.387		
16,700.00	7,850.00	14,488.00	7,793.77	228.83	187.06	88.30	-400.84	7,024.29	2,958.39	2,562.63	395.76	7.475		
16,800.00	7,850.00	14,488.00	7,793.77	231.49	187.06	88.30	-400.84	7,024.29	2,987.29	2,593.16	394.13	7.579		
16,900.00	7,850.00	14,488.00	7,793.77	234.15	187.06	88.30	-400.84	7,024.29	3,019.22	2,627.07	392.15	7.699		
17,000.00	7,850.00	14,488.00	7,793.77	236.81	187.06	88.30	-400.84	7,024.29	3,054.10	2,664.25	389.86	7.834		
17,100.00	7,850.00	14,488.00	7,793.77	239.47	187.06	88.30	-400.84	7,024.29	3,091.82	2,704.55	387.27	7.984		
17,200.00	7,850.00	14,488.00	7,793.77	242.13	187.06	88.30	-400.84	7,024.29	3,132.28	2,747.86	384.42	8.148		
17,300.00	7,850.00	14,488.00	7,793.77	244.79	187.06	88.30	-400.84	7,024.29	3,175.38	2,794.04	381.34	8.327		
17,400.00	7,850.00	14,488.00	7,793.77	247.46	187.06	88.30	-400.84	7,024.29	3,221.00	2,842.94	378.06	8.520		
17,500.00	7,850.00	14,488.00	7,793.77	250.12	187.06	88.30	-400.84	7,024.29	3,269.05	2,894.44	374.61	8.726		
17,600.00	7,850.00	14,488.00	7,793.77	252.79	187.06	88.30	-400.84	7,024.29	3,319.41	2,948.40	371.01	8.947		
17,700.00	7,850.00	14,488.00	7,793.77	255.45	187.06	88.30	-400.84	7,024.29	3,371.99	3,004.70	367.29	9.181		
17,800.00	7,850.00	14,488.00	7,793.77	258.12	187.06	88.30	-400.84	7,024.29	3,426.68	3,063.21	363.48	9.428		
17,900.00	7,850.00	14,488.00	7,793.77	260.78	187.06	88.30	-400.84	7,024.29	3,483.39	3,123.81	359.58	9.687		
18,000.00	7,850.00	14,488.00	7,793.77	263.45	187.06	88.30	-400.84	7,024.29	3,542.01	3,186.38	355.63	9.960		
18,100.00	7,850.00	14,488.00	7,793.77	266.12	187.06	88.30	-400.84	7,024.29	3,602.45	3,250.81	351.64	10.245		
18,200.00	7,850.00	14,488.00	7,793.77	268.79	187.06	88.30	-400.84	7,024.29	3,664.62	3,316.99	347.63	10.542		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
18,300.00	7,850.00	14,488.00	7,793.77	271.45	187.06	88.30	-400.84	7,024.29	3,728.44	3,384.83	343.61	10.851		
18,400.00	7,850.00	14,488.00	7,793.77	274.12	187.06	88.30	-400.84	7,024.29	3,793.83	3,454.23	339.60	11.171		
18,500.00	7,850.00	14,488.00	7,793.77	276.79	187.06	88.30	-400.84	7,024.29	3,860.69	3,525.09	335.61	11.504		
18,600.00	7,850.00	14,488.00	7,793.77	279.46	187.06	88.30	-400.84	7,024.29	3,928.97	3,597.33	331.64	11.847		
18,700.00	7,850.00	14,488.00	7,793.77	282.13	187.06	88.30	-400.84	7,024.29	3,998.58	3,670.87	327.70	12.202		
18,800.00	7,850.00	14,488.00	7,793.77	284.80	187.06	88.30	-400.84	7,024.29	4,069.45	3,745.64	323.81	12.567		
18,900.00	7,850.00	14,488.00	7,793.77	287.48	187.06	88.30	-400.84	7,024.29	4,141.53	3,821.56	319.97	12.943		
19,000.00	7,850.00	14,488.00	7,793.77	290.15	187.06	88.30	-400.84	7,024.29	4,214.75	3,898.56	316.18	13.330		
19,100.00	7,850.00	14,488.00	7,793.77	292.82	187.06	88.30	-400.84	7,024.29	4,289.05	3,976.59	312.46	13.727		
19,200.00	7,850.00	14,488.00	7,793.77	295.49	187.06	88.30	-400.84	7,024.29	4,364.37	4,055.58	308.79	14.134		
19,300.00	7,850.00	14,488.00	7,793.77	298.16	187.06	88.30	-400.84	7,024.29	4,440.67	4,135.48	305.19	14.550		
19,400.00	7,850.00	14,488.00	7,793.77	300.84	187.06	88.30	-400.84	7,024.29	4,517.90	4,216.24	301.66	14.977		
19,500.00	7,850.00	14,488.00	7,793.77	303.51	187.06	88.30	-400.84	7,024.29	4,596.00	4,297.81	298.20	15.413		
19,600.00	7,850.00	14,488.00	7,793.77	306.19	187.06	88.30	-400.84	7,024.29	4,674.94	4,380.14	294.80	15.858		
19,700.00	7,850.00	14,488.00	7,793.77	308.86	187.06	88.30	-400.84	7,024.29	4,754.67	4,463.19	291.48	16.312		
19,800.00	7,850.00	14,488.00	7,793.77	311.54	187.06	88.30	-400.84	7,024.29	4,835.15	4,546.92	288.23	16.775		
19,900.00	7,850.00	14,488.00	7,793.77	314.21	187.06	88.30	-400.84	7,024.29	4,916.35	4,631.30	285.05	17.247		
20,000.00	7,850.00	14,488.00	7,793.77	316.89	187.06	88.30	-400.84	7,024.29	4,998.24	4,716.29	281.95	17.728		
20,100.00	7,850.00	14,488.00	7,793.77	319.56	187.06	88.30	-400.84	7,024.29	5,080.77	4,801.85	278.91	18.216		
20,200.00	7,850.00	14,488.00	7,793.77	322.24	187.06	88.30	-400.84	7,024.29	5,163.91	4,887.97	275.95	18.713		
20,300.00	7,850.00	14,488.00	7,793.77	324.91	187.06	88.30	-400.84	7,024.29	5,247.65	4,974.60	273.05	19.218		
20,400.00	7,850.00	14,488.00	7,793.77	327.59	187.06	88.30	-400.84	7,024.29	5,331.95	5,061.72	270.23	19.731		
20,500.00	7,850.00	14,488.00	7,793.77	330.27	187.06	88.30	-400.84	7,024.29	5,416.78	5,149.31	267.47	20.252		
20,600.00	7,850.00	14,488.00	7,793.77	332.95	187.06	88.30	-400.84	7,024.29	5,502.12	5,237.35	264.77	20.780		
20,700.00	7,850.00	14,488.00	7,793.77	335.62	187.06	88.30	-400.84	7,024.29	5,587.95	5,325.80	262.15	21.316		
20,800.00	7,850.00	14,488.00	7,793.77	338.30	187.06	88.30	-400.84	7,024.29	5,674.24	5,414.65	259.58	21.859		
20,900.00	7,850.00	14,488.00	7,793.77	340.98	187.06	88.30	-400.84	7,024.29	5,760.97	5,503.89	257.08	22.409		
21,000.00	7,850.00	14,488.00	7,793.77	343.66	187.06	88.30	-400.84	7,024.29	5,848.13	5,593.49	254.64	22.966		
21,100.00	7,850.00	14,488.00	7,793.77	346.34	187.06	88.30	-400.84	7,024.29	5,935.69	5,683.43	252.26	23.530		
21,200.00	7,850.00	14,488.00	7,793.77	349.01	187.06	88.30	-400.84	7,024.29	6,023.64	5,773.70	249.94	24.100		
21,300.00	7,850.00	14,488.00	7,793.77	351.69	187.06	88.30	-400.84	7,024.29	6,111.96	5,864.29	247.68	24.677		
21,400.00	7,850.00	14,488.00	7,793.77	354.37	187.06	88.30	-400.84	7,024.29	6,200.64	5,955.17	245.47	25.261		
21,500.00	7,850.00	14,488.00	7,793.77	357.05	187.06	88.30	-400.84	7,024.29	6,289.66	6,046.34	243.31	25.850		
21,600.00	7,850.00	14,488.00	7,793.77	359.73	187.06	88.30	-400.84	7,024.29	6,379.00	6,137.79	241.21	26.446		
21,700.00	7,850.00	14,488.00	7,793.77	362.41	187.06	88.30	-400.84	7,024.29	6,468.65	6,229.49	239.16	27.048		
21,800.00	7,850.00	14,488.00	7,793.77	365.09	187.06	88.30	-400.84	7,024.29	6,558.60	6,321.45	237.16	27.655		
21,900.00	7,850.00	14,488.00	7,793.77	367.77	187.06	88.30	-400.84	7,024.29	6,648.84	6,413.64	235.20	28.269		
22,000.00	7,850.00	14,488.00	7,793.77	370.45	187.06	88.30	-400.84	7,024.29	6,739.35	6,506.06	233.30	28.887		
22,100.00	7,850.00	14,488.00	7,793.77	373.14	187.06	88.30	-400.84	7,024.29	6,830.13	6,598.70	231.44	29.512		
22,200.00	7,850.00	14,488.00	7,793.77	375.82	187.06	88.30	-400.84	7,024.29	6,921.17	6,691.55	229.62	30.142		
22,300.00	7,850.00	14,488.00	7,793.77	378.50	187.06	88.30	-400.84	7,024.29	7,012.44	6,784.59	227.85	30.777		
22,400.00	7,850.00	14,488.00	7,793.77	381.18	187.06	88.30	-400.84	7,024.29	7,103.96	6,877.84	226.12	31.417		
22,500.00	7,850.00	14,488.00	7,793.77	383.86	187.06	88.30	-400.84	7,024.29	7,195.70	6,971.26	224.43	32.062		
22,600.00	7,850.00	14,488.00	7,793.77	386.54	187.06	88.30	-400.84	7,024.29	7,287.65	7,064.87	222.78	32.712		
22,700.00	7,850.00	14,488.00	7,793.77	389.22	187.06	88.30	-400.84	7,024.29	7,379.82	7,158.64	221.17	33.367		
22,800.00	7,850.00	14,488.00	7,793.77	391.91	187.06	88.30	-400.84	7,024.29	7,472.18	7,252.58	219.60	34.026		
22,900.00	7,850.00	14,488.00	7,793.77	394.59	187.06	88.30	-400.84	7,024.29	7,564.74	7,346.68	218.07	34.690		
23,000.00	7,850.00	14,488.00	7,793.77	397.27	187.06	88.30	-400.84	7,024.29	7,657.49	7,440.93	216.57	35.359		
23,100.00	7,850.00	14,488.00	7,793.77	399.95	187.06	88.30	-400.84	7,024.29	7,750.42	7,535.32	215.10	36.032		
23,200.00	7,850.00	14,488.00	7,793.77	402.64	187.06	88.30	-400.84	7,024.29	7,843.52	7,629.85	213.67	36.709		
23,300.00	7,850.00	14,488.00	7,793.77	405.32	187.06	88.30	-400.84	7,024.29	7,936.79	7,724.52	212.27	37.390		
23,400.00	7,850.00	14,488.00	7,793.77	408.00	187.06	88.30	-400.84	7,024.29	8,030.22	7,819.32	210.90	38.076		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
23,500.00	7,850.00	14,488.00	7,793.77	410.69	187.06	88.30	-400.84	7,024.29	8,123.81	7,914.25	209.57	38.765	
23,600.00	7,850.00	14,488.00	7,793.77	413.37	187.06	88.30	-400.84	7,024.29	8,217.55	8,009.29	208.26	39.458	
23,700.00	7,850.00	14,488.00	7,793.77	416.05	187.06	88.30	-400.84	7,024.29	8,311.44	8,104.45	206.98	40.155	
23,800.00	7,850.00	14,488.00	7,793.77	418.74	187.06	88.30	-400.84	7,024.29	8,405.46	8,199.73	205.73	40.856	
23,900.00	7,850.00	14,488.00	7,793.77	421.42	187.06	88.30	-400.84	7,024.29	8,499.62	8,295.11	204.51	41.560	
24,000.00	7,850.00	14,488.00	7,793.77	424.11	187.06	88.30	-400.84	7,024.29	8,593.92	8,390.60	203.32	42.268	
24,092.24	7,850.00	14,488.00	7,793.77	426.58	187.06	88.30	-400.84	7,024.29	8,681.00	8,478.76	202.24	42.924	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	28.05	28.05	0.00	0.04	-172.48	-330.76	-43.67	333.63					
100.00	100.00	127.77	127.76	0.13	0.26	-172.26	-330.76	-44.94	333.79	333.40	0.39	851.396		
200.00	200.00	227.82	227.80	0.49	0.62	-172.02	-330.68	-46.34	333.91	332.80	1.11	300.858 ES		
300.00	299.98	327.62	327.59	0.85	0.98	-152.93	-330.70	-47.55	335.65	333.83	1.83	183.622		
400.00	399.84	427.50	427.47	1.22	1.33	-153.11	-330.75	-48.62	340.51	337.96	2.55	133.446		
500.00	499.45	528.11	528.07	1.59	1.69	-153.56	-330.73	-49.44	348.40	345.12	3.28	106.212		
600.00	598.70	627.74	627.70	1.97	2.05	-154.24	-330.48	-50.00	359.18	355.17	4.01	89.579		
700.00	697.47	726.57	726.53	2.38	2.40	-155.06	-330.21	-50.64	373.15	368.41	4.74	78.682		
800.00	795.62	825.51	825.46	2.82	2.76	-155.99	-329.85	-51.38	390.28	384.80	5.48	71.199		
900.00	893.06	921.89	921.84	3.29	3.10	-156.97	-329.55	-52.21	410.74	404.53	6.22	66.052		
1,000.00	989.64	1,018.54	1,018.49	3.80	3.45	-158.00	-329.39	-53.04	434.65	427.68	6.96	62.427		
1,100.00	1,085.27	1,114.12	1,114.07	4.35	3.79	-159.06	-329.26	-53.71	461.90	454.20	7.71	59.929		
1,200.00	1,179.82	1,208.62	1,208.57	4.95	4.13	-160.14	-329.14	-54.10	492.49	484.04	8.45	58.268		
1,300.00	1,273.63	1,301.44	1,301.38	5.58	4.46	-161.34	-329.18	-54.35	525.42	516.23	9.19	57.194		
1,400.00	1,367.44	1,395.49	1,395.43	6.22	4.80	-162.45	-329.23	-54.60	558.59	548.67	9.92	56.309		
1,500.00	1,461.25	1,488.16	1,488.11	6.87	5.12	-163.42	-329.39	-54.84	592.03	581.38	10.65	55.610		
1,600.00	1,555.06	1,580.96	1,580.91	7.52	5.45	-164.29	-329.69	-55.03	625.75	614.38	11.37	55.045		
1,700.00	1,648.86	1,674.18	1,674.13	8.18	5.77	-165.09	-330.13	-55.07	659.75	647.66	12.09	54.578		
1,800.00	1,742.67	1,768.82	1,768.77	8.84	6.10	-165.82	-330.48	-55.16	693.75	680.93	12.82	54.122		
1,900.00	1,836.48	1,862.61	1,862.55	9.51	6.43	-166.47	-330.81	-55.36	727.81	714.26	13.55	53.716		
2,000.00	1,930.29	1,956.99	1,956.93	10.18	6.76	-167.07	-331.07	-55.55	761.88	747.59	14.29	53.334		
2,100.00	2,024.10	2,051.38	2,051.32	10.85	7.10	-167.61	-331.26	-55.71	795.95	780.92	15.02	52.981		
2,200.00	2,117.90	2,145.93	2,145.87	11.52	7.43	-168.11	-331.37	-55.93	829.98	814.22	15.76	52.647		
2,300.00	2,211.71	2,240.09	2,240.03	12.19	7.77	-168.56	-331.43	-56.24	864.01	847.50	16.51	52.345		
2,400.00	2,305.52	2,334.70	2,334.64	12.87	8.11	-168.98	-331.45	-56.65	898.03	880.78	17.25	52.060		
2,500.00	2,399.33	2,428.72	2,428.66	13.54	8.45	-169.36	-331.40	-57.05	932.01	914.02	17.99	51.805		
2,600.00	2,493.13	2,521.94	2,521.88	14.22	8.78	-169.71	-331.38	-57.42	966.07	947.34	18.73	51.587		
2,700.00	2,586.94	2,614.71	2,614.65	14.89	9.11	-170.04	-331.43	-57.73	1,000.23	980.77	19.46	51.397		
2,800.00	2,680.75	2,708.56	2,708.49	15.57	9.45	-170.35	-331.57	-58.06	1,034.51	1,014.31	20.20	51.209		
2,900.00	2,774.56	2,803.60	2,803.54	16.25	9.79	-170.64	-331.65	-58.53	1,068.73	1,047.78	20.95	51.013		
3,000.00	2,868.36	2,898.28	2,898.21	16.93	10.13	-170.91	-331.64	-59.07	1,102.87	1,081.17	21.70	50.830		
3,100.00	2,962.17	2,984.62	2,984.56	17.61	10.43	-171.14	-331.73	-59.45	1,137.17	1,114.79	22.39	50.796		
3,200.00	3,055.98	3,068.52	3,068.44	18.28	10.72	-171.38	-332.56	-59.07	1,172.44	1,149.39	23.05	50.862		
3,300.00	3,149.79	3,160.99	3,160.90	18.96	11.03	-171.66	-333.76	-58.24	1,208.11	1,184.34	23.76	50.841		
3,400.00	3,243.60	3,255.58	3,255.49	19.64	11.35	-171.92	-334.88	-57.50	1,243.67	1,219.19	24.49	50.786		
3,500.00	3,337.40	3,349.07	3,348.96	20.32	11.67	-172.16	-336.04	-56.76	1,279.31	1,254.10	25.21	50.747		
3,600.00	3,431.21	3,444.29	3,444.18	21.00	11.99	-172.39	-337.04	-56.15	1,314.76	1,288.82	25.94	50.679		
3,700.00	3,525.02	3,535.23	3,535.11	21.68	12.30	-172.60	-338.11	-55.46	1,350.36	1,323.71	26.65	50.670		
3,800.00	3,618.83	3,631.48	3,631.35	22.36	12.63	-172.80	-339.23	-54.85	1,385.96	1,358.56	27.39	50.595		
3,900.00	3,712.63	3,729.24	3,729.11	23.04	12.97	-173.00	-340.06	-54.33	1,421.25	1,393.10	28.15	50.496		
4,000.00	3,806.44	3,822.70	3,822.56	23.72	13.29	-173.18	-340.70	-53.74	1,456.43	1,427.56	28.87	50.447		
4,100.00	3,900.25	3,915.14	3,915.00	24.41	13.61	-173.36	-341.41	-53.09	1,491.70	1,462.11	29.59	50.413		
4,200.00	3,994.06	4,008.85	4,008.70	25.09	13.93	-173.52	-342.15	-52.65	1,526.97	1,496.65	30.32	50.361		
4,300.00	4,087.86	4,100.69	4,100.54	25.77	14.25	-173.66	-343.00	-52.42	1,562.32	1,531.28	31.04	50.329		
4,400.00	4,181.67	4,193.21	4,193.06	26.45	14.58	-173.79	-343.94	-52.34	1,597.73	1,565.96	31.77	50.290		
4,500.00	4,275.48	4,284.59	4,284.43	27.13	14.90	-173.92	-344.99	-52.24	1,633.26	1,600.77	32.49	50.265		
4,600.00	4,369.29	4,377.95	4,377.78	27.81	15.23	-174.02	-346.21	-52.58	1,668.85	1,635.62	33.23	50.220		
4,700.00	4,463.10	4,471.22	4,471.04	28.49	15.56	-174.10	-347.54	-53.40	1,704.44	1,670.46	33.97	50.172		
4,800.00	4,556.90	4,563.58	4,563.39	29.17	15.89	-174.18	-348.88	-54.14	1,740.07	1,705.36	34.71	50.137		
4,900.00	4,650.71	4,657.06	4,656.85	29.86	16.23	-174.28	-350.16	-54.41	1,775.74	1,740.30	35.45	50.098		
5,000.00	4,744.52	4,753.42	4,753.20	30.54	16.56	-174.40	-351.17	-53.80	1,811.33	1,775.13	36.20	50.040		
5,100.00	4,838.33	4,850.49	4,850.27	31.22	16.90	-174.53	-351.96	-53.01	1,846.75	1,809.80	36.95	49.978		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	4,945.94	4,945.72	31.90	17.23	-174.65	-352.58	-52.27	1,882.02	1,844.33	37.69	49.929		
5,300.00	5,025.94	5,040.53	5,040.30	32.58	17.55	-174.77	-353.13	-51.48	1,917.26	1,878.83	38.43	49.889		
5,400.00	5,119.75	5,137.61	5,137.37	33.26	17.89	-174.89	-353.52	-50.51	1,952.37	1,913.19	39.18	49.828		
5,500.00	5,213.56	5,233.84	5,233.59	33.95	18.22	-175.02	-353.68	-49.32	1,987.33	1,947.41	39.93	49.775		
5,600.00	5,307.36	5,315.67	5,315.42	34.63	18.50	-175.12	-353.77	-48.14	2,022.33	1,981.75	40.58	49.840		
5,700.00	5,401.17	5,369.33	5,369.06	35.31	18.68	-175.19	-354.66	-47.35	2,058.71	2,017.67	41.03	50.170		
5,800.00	5,494.98	5,427.12	5,426.81	35.99	18.88	-175.25	-356.71	-46.38	2,096.81	2,055.29	41.51	50.511		
5,900.00	5,588.79	5,488.00	5,487.60	36.68	19.10	-175.33	-359.62	-44.70	2,136.30	2,094.30	42.00	50.859		
6,000.00	5,682.59	5,550.31	5,549.75	37.36	19.32	-175.41	-363.35	-42.41	2,177.08	2,134.58	42.50	51.224		
6,100.00	5,776.40	5,611.36	5,610.59	38.04	19.54	-175.50	-367.76	-39.83	2,219.09	2,176.11	42.98	51.628		
6,200.00	5,870.21	5,677.00	5,675.91	38.72	19.77	-175.60	-373.33	-36.55	2,262.35	2,218.85	43.50	52.013		
6,300.00	5,964.02	5,724.82	5,723.42	39.40	19.94	-175.67	-378.05	-33.97	2,306.89	2,263.03	43.86	52.599		
6,400.00	6,057.83	5,771.00	5,769.24	40.09	20.11	-175.73	-383.28	-31.48	2,352.86	2,308.66	44.20	53.235		
6,500.00	6,151.63	5,837.75	5,835.35	40.77	20.35	-175.81	-391.81	-28.03	2,400.00	2,355.29	44.71	53.678		
6,600.00	6,245.44	5,931.27	5,927.87	41.45	20.69	-175.91	-404.62	-23.28	2,447.87	2,402.41	45.46	53.847		
6,700.00	6,339.25	6,000.42	5,996.30	42.13	20.94	-175.99	-413.65	-19.18	2,495.46	2,449.46	45.99	54.255		
6,800.00	6,433.06	6,055.00	6,050.20	42.82	21.14	-176.06	-421.56	-15.83	2,544.22	2,497.82	46.40	54.831		
6,900.00	6,526.86	6,092.51	6,087.15	43.50	21.28	-176.10	-427.60	-13.49	2,594.37	2,547.72	46.65	55.615		
7,000.00	6,620.67	6,149.00	6,142.56	44.18	21.50	-176.15	-437.92	-9.88	2,646.21	2,599.14	47.06	56.225		
7,100.00	6,714.48	6,174.74	6,167.73	44.86	21.60	-176.17	-443.04	-8.17	2,699.24	2,652.05	47.19	57.200		
7,200.00	6,808.29	6,222.33	6,214.16	45.55	21.78	-176.21	-452.95	-4.79	2,753.58	2,706.06	47.52	57.950		
7,300.00	6,902.09	6,267.37	6,257.96	46.23	21.95	-176.25	-462.85	-1.32	2,809.04	2,761.22	47.82	58.747		
7,400.00	6,995.90	6,310.22	6,299.48	46.91	22.12	-176.30	-472.80	2.21	2,865.66	2,817.56	48.09	59.587		
7,500.00	7,089.71	6,358.27	6,345.88	47.59	22.31	-176.34	-484.57	6.44	2,923.38	2,874.96	48.42	60.377		
7,600.00	7,183.52	6,417.25	6,402.70	48.28	22.55	-176.40	-499.45	11.83	2,981.82	2,932.97	48.86	61.034		
7,700.00	7,277.41	6,478.73	6,461.79	48.95	22.80	-172.54	-515.22	18.06	3,040.65	2,991.33	49.32	61.657		
7,800.00	7,371.68	6,527.00	6,508.08	49.54	23.00	138.37	-527.54	24.02	3,096.62	3,047.00	49.62	62.408		
7,900.00	7,464.05	6,581.27	6,559.90	50.01	23.23	112.25	-541.58	31.94	3,147.71	3,097.75	49.96	63.007		
8,000.00	7,551.70	6,638.49	6,614.20	50.36	23.47	95.64	-556.81	41.62	3,192.90	3,142.59	50.32	63.457		
8,100.00	7,631.98	6,763.63	6,733.31	50.61	24.01	86.05	-588.93	62.64	3,229.40	3,178.03	51.37	62.861		
8,200.00	7,702.44	6,888.72	6,852.88	50.75	24.56	80.56	-620.66	81.09	3,257.38	3,204.89	52.49	62.055		
8,300.00	7,760.95	6,943.53	6,905.52	50.81	24.81	76.80	-634.03	88.45	3,276.05	3,223.02	53.04	61.770		
8,400.00	7,805.72	6,976.13	6,936.82	50.80	24.96	74.55	-642.28	92.33	3,286.97	3,233.44	53.54	61.398		
8,500.00	7,835.40	6,999.68	6,959.42	50.72	25.06	73.58	-648.40	94.90	3,290.27	3,236.11	54.16	60.754		
8,600.00	7,849.08	7,024.10	6,982.84	50.60	25.17	73.87	-654.79	97.44	3,286.12	3,231.11	55.02	59.731		
8,700.00	7,850.00	7,036.27	6,994.53	50.45	25.23	74.30	-657.98	98.69	3,277.04	3,221.09	55.95	58.569		
8,800.00	7,850.00	7,047.39	7,005.20	50.32	25.28	74.50	-660.88	99.82	3,270.39	3,213.36	57.04	57.337		
8,900.00	7,850.00	7,058.32	7,015.70	50.22	25.33	74.69	-663.74	100.92	3,266.76	3,208.50	58.26	56.068		
8,970.02	7,850.00	7,065.88	7,022.95	50.16	25.36	74.82	-665.72	101.67	3,266.02	3,206.81	59.21	55.158		
9,000.00	7,850.00	7,069.09	7,026.03	50.15	25.38	74.87	-666.55	101.99	3,266.16	3,206.55	59.61	54.791		
9,100.00	7,850.00	7,079.68	7,036.20	50.11	25.43	75.06	-669.32	103.04	3,268.58	3,207.52	61.06	53.530		
9,200.00	7,850.00	7,090.10	7,046.21	50.12	25.47	75.24	-672.04	104.07	3,274.02	3,211.43	62.60	52.304		
9,300.00	7,850.00	7,100.36	7,056.07	50.20	25.52	75.42	-674.71	105.07	3,282.47	3,218.28	64.20	51.132		
9,400.00	7,850.00	7,108.37	7,063.76	50.42	25.56	75.56	-676.80	105.84	3,293.91	3,228.09	65.83	50.040		
9,500.00	7,850.00	7,116.99	7,072.04	50.87	25.60	75.71	-679.05	106.66	3,308.31	3,240.82	67.50	49.014		
9,600.00	7,850.00	7,125.38	7,080.10	51.72	25.64	75.86	-681.25	107.44	3,325.63	3,256.44	69.19	48.066		
9,700.00	7,850.00	7,133.55	7,087.95	53.02	25.67	76.00	-683.38	108.19	3,345.83	3,274.94	70.89	47.199		
9,800.00	7,850.00	7,141.51	7,095.59	54.65	25.71	76.14	-685.46	108.92	3,368.85	3,296.27	72.58	46.413		
9,900.00	7,850.00	7,149.26	7,103.05	56.50	25.75	76.27	-687.49	109.62	3,394.65	3,320.38	74.27	45.709		
10,000.00	7,850.00	7,156.83	7,110.32	58.48	25.78	76.41	-689.47	110.29	3,423.15	3,347.22	75.93	45.084		
10,100.00	7,850.00	8,891.55	7,856.98	60.55	43.17	89.65	-974.11	1,293.63	3,453.70	3,352.63	101.07	34.171		
10,200.00	7,850.00	8,992.89	7,854.30	62.69	45.16	89.60	-972.89	1,394.93	3,451.89	3,346.55	105.34	32.769		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,850.00	9,084.67	7,852.97	64.88	47.03	89.58	-971.78	1,486.69	3,450.08	3,340.57	109.51	31.504		
10,400.00	7,850.00	9,177.63	7,852.41	67.11	48.98	89.57	-970.93	1,579.64	3,448.55	3,334.76	113.79	30.305		
10,500.00	7,850.00	9,451.62	7,852.38	69.38	54.96	89.57	-963.72	1,853.50	3,446.55	3,324.36	122.19	28.205		
10,600.00	7,850.00	9,603.36	7,850.75	71.68	58.36	89.54	-953.12	2,004.85	3,438.78	3,310.79	127.99	26.868		
10,700.00	7,850.00	9,657.67	7,849.94	74.00	59.60	89.53	-949.47	2,059.03	3,431.44	3,299.77	131.67	26.061		
10,800.00	7,850.00	9,708.25	7,848.87	76.36	60.77	89.51	-946.74	2,109.52	3,425.46	3,290.18	135.29	25.320		
10,900.00	7,850.00	9,772.00	7,847.02	78.73	62.26	89.48	-944.41	2,173.21	3,421.04	3,281.83	139.22	24.574		
11,000.00	7,850.00	9,772.00	7,847.02	81.13	62.26	89.48	-944.41	2,173.21	3,418.32	3,276.70	141.61	24.138		
11,100.00	7,850.00	9,831.53	7,844.89	83.54	63.68	89.44	-943.76	2,232.69	3,417.05	3,271.61	145.44	23.494		
11,200.00	7,850.00	10,044.59	7,835.81	85.97	68.79	89.29	-941.43	2,445.50	3,415.45	3,262.33	153.12	22.305		
11,300.00	7,850.00	10,103.52	7,832.75	88.42	70.23	89.24	-940.06	2,504.33	3,412.62	3,255.60	157.02	21.734		
11,400.00	7,850.00	10,162.19	7,829.85	90.88	71.66	89.19	-939.51	2,562.94	3,411.10	3,250.19	160.91	21.199		
11,500.00	7,850.00	10,245.00	7,826.85	93.35	73.70	89.14	-939.38	2,645.69	3,410.38	3,244.95	165.42	20.616		
11,536.12	7,850.00	10,265.46	7,826.30	94.25	74.20	89.13	-939.45	2,666.13	3,410.29	3,243.48	166.82	20.443		
11,600.00	7,850.00	10,301.14	7,825.24	95.83	75.09	89.11	-939.81	2,701.80	3,410.56	3,241.30	169.26	20.150		
11,700.00	7,850.00	10,381.56	7,822.73	98.33	77.09	89.07	-941.40	2,782.17	3,411.92	3,238.18	173.74	19.638		
11,800.00	7,850.00	10,538.74	7,821.20	100.83	81.03	89.04	-943.07	2,939.32	3,412.31	3,232.00	180.31	18.925		
11,900.00	7,850.00	10,623.00	7,821.57	103.35	83.15	89.05	-943.41	3,023.58	3,412.12	3,227.17	184.95	18.449		
11,900.20	7,850.00	10,629.36	7,821.59	103.35	83.31	89.05	-943.45	3,029.94	3,412.11	3,226.99	185.12	18.432		
12,000.00	7,850.00	10,717.15	7,821.41	105.87	85.53	89.04	-944.41	3,117.73	3,412.56	3,222.69	189.87	17.973		
12,100.00	7,850.00	10,777.58	7,821.28	108.40	87.06	89.04	-945.33	3,178.15	3,413.48	3,219.61	193.87	17.607		
12,200.00	7,850.00	10,841.07	7,820.57	110.94	88.68	89.03	-947.09	3,241.61	3,415.61	3,217.66	197.94	17.255		
12,300.00	7,850.00	10,915.27	7,820.48	113.48	90.58	89.03	-949.71	3,315.76	3,418.53	3,216.21	202.32	16.897		
12,400.00	7,850.00	10,988.76	7,820.74	116.04	92.46	89.04	-953.05	3,389.17	3,422.40	3,215.73	206.67	16.559		
12,500.00	7,850.00	11,063.70	7,820.93	118.59	94.39	89.04	-956.83	3,464.02	3,426.84	3,215.77	211.07	16.236		
12,600.00	7,850.00	11,159.22	7,821.40	121.16	96.85	89.05	-962.03	3,559.39	3,431.66	3,215.57	216.09	15.881		
12,700.00	7,850.00	11,213.05	7,821.18	123.73	98.25	89.05	-965.48	3,613.11	3,437.38	3,217.55	219.83	15.636		
12,800.00	7,850.00	11,284.00	7,820.22	126.30	100.09	89.03	-970.68	3,683.87	3,444.11	3,220.02	224.08	15.370		
12,900.00	7,850.00	11,341.54	7,818.76	128.88	101.58	89.01	-975.47	3,741.18	3,451.86	3,223.97	227.89	15.147		
13,000.00	7,850.00	11,413.96	7,815.94	131.46	103.46	88.96	-982.33	3,813.23	3,460.75	3,228.59	232.16	14.907		
13,100.00	7,850.00	11,525.74	7,811.57	134.05	106.38	88.89	-993.09	3,924.40	3,469.85	3,232.12	237.72	14.596		
13,200.00	7,850.00	11,650.05	7,806.91	136.64	109.62	88.82	-1,004.21	4,048.12	3,478.25	3,234.55	243.71	14.272		
13,300.00	7,850.00	11,737.67	7,803.72	139.24	111.91	88.77	-1,011.88	4,135.35	3,486.47	3,237.98	248.50	14.030		
13,400.00	7,850.00	11,855.93	7,801.83	141.84	115.01	88.74	-1,022.05	4,253.14	3,494.46	3,240.15	254.31	13.741		
13,500.00	7,850.00	11,944.11	7,802.66	144.44	117.33	88.76	-1,029.76	4,340.98	3,502.57	3,243.42	259.15	13.516		
13,600.00	7,850.00	12,054.73	7,803.93	147.05	120.23	88.78	-1,039.35	4,451.17	3,510.59	3,245.85	264.73	13.261		
13,700.00	7,850.00	12,135.24	7,805.28	149.66	122.35	88.81	-1,046.55	4,531.35	3,518.86	3,249.53	269.33	13.065		
13,800.00	7,850.00	12,464.61	7,800.53	152.27	131.02	88.74	-1,069.31	4,859.71	3,527.73	3,246.00	281.73	12.522		
13,900.00	7,850.00	12,552.06	7,797.26	154.88	133.32	88.68	-1,071.59	4,947.07	3,529.81	3,243.20	286.61	12.316		
14,000.00	7,850.00	12,726.57	7,792.64	157.50	137.91	88.61	-1,074.32	5,121.48	3,530.62	3,236.65	293.97	12.010		
14,100.00	7,850.00	12,939.07	7,790.91	160.12	143.49	88.58	-1,073.18	5,333.94	3,529.76	3,227.55	302.20	11.680		
14,200.00	7,850.00	13,018.80	7,791.63	162.74	145.58	88.59	-1,071.64	5,413.66	3,527.16	3,220.20	306.96	11.491		
14,300.00	7,850.00	13,117.05	7,793.08	165.36	148.16	88.61	-1,070.00	5,511.88	3,524.84	3,212.65	312.19	11.291		
14,400.00	7,850.00	13,219.64	7,795.07	167.99	150.86	88.65	-1,068.20	5,614.43	3,522.42	3,204.88	317.54	11.093		
14,500.00	7,850.00	13,320.00	7,796.90	170.62	153.50	88.67	-1,066.46	5,714.77	3,520.02	3,197.19	322.84	10.903		
14,600.00	7,850.00	13,410.24	7,798.54	173.25	155.88	88.70	-1,064.91	5,804.98	3,517.65	3,189.78	327.87	10.729		
14,700.00	7,850.00	13,501.83	7,800.01	175.88	158.29	88.72	-1,063.73	5,896.55	3,515.71	3,182.76	332.95	10.559		
14,800.00	7,850.00	13,625.50	7,802.58	178.52	161.56	88.76	-1,061.89	6,020.18	3,513.57	3,174.72	338.86	10.369		
14,900.00	7,850.00	13,787.10	7,804.54	181.15	165.81	88.79	-1,057.11	6,181.69	3,509.88	3,164.21	345.67	10.154		
15,000.00	7,850.00	13,866.22	7,804.23	183.79	167.89	88.79	-1,054.19	6,260.75	3,505.64	3,155.19	350.46	10.003		
15,100.00	7,850.00	13,929.00	7,802.87	186.43	169.55	88.77	-1,052.65	6,323.50	3,502.54	3,147.72	354.82	9.871		
15,200.00	7,850.00	13,998.32	7,800.57	189.07	171.38	88.73	-1,051.60	6,392.77	3,500.42	3,141.11	359.32	9.742		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	7,850.00	14,082.59	7,797.45	191.71	173.61	88.68	-1,050.73	6,476.98	3,498.86	3,134.67	364.19	9.607		
15,400.00	7,850.00	14,196.73	7,793.73	194.36	176.63	88.61	-1,049.73	6,591.05	3,497.45	3,127.60	369.85	9.456		
15,500.00	7,850.00	14,318.81	7,790.64	197.00	179.86	88.56	-1,047.85	6,713.08	3,495.36	3,119.64	375.72	9.303		
15,600.00	7,850.00	14,377.54	7,789.27	199.65	181.42	88.54	-1,047.21	6,771.79	3,493.65	3,113.71	379.94	9.195		
15,700.00	7,850.00	14,461.25	7,787.06	202.30	183.64	88.50	-1,046.95	6,855.47	3,492.77	3,107.97	384.80	9.077		
15,800.00	7,850.00	14,597.64	7,785.00	204.94	187.26	88.47	-1,045.96	6,991.84	3,491.45	3,100.37	391.08	8.928		
15,881.75	7,850.00	14,617.00	7,784.87	207.11	187.77	88.47	-1,045.73	7,011.19	3,490.55	3,096.82	393.72	8.865		
15,900.00	7,850.00	14,617.00	7,784.87	207.59	187.77	88.47	-1,045.73	7,011.19	3,490.59	3,096.42	394.17	8.855		
16,000.00	7,850.00	14,617.00	7,784.87	210.25	187.77	88.47	-1,045.73	7,011.19	3,492.55	3,096.10	396.45	8.810		
16,100.00	7,850.00	14,617.00	7,784.87	212.90	187.77	88.47	-1,045.73	7,011.19	3,497.36	3,098.95	398.41	8.778		
16,200.00	7,850.00	14,617.00	7,784.87	215.55	187.77	88.47	-1,045.73	7,011.19	3,505.02	3,104.97	400.06	8.761		
16,300.00	7,850.00	14,617.00	7,784.87	218.20	187.77	88.47	-1,045.73	7,011.19	3,515.52	3,114.14	401.38	8.759 SF		
16,400.00	7,850.00	14,617.00	7,784.87	220.86	187.77	88.47	-1,045.73	7,011.19	3,528.81	3,126.42	402.39	8.770		
16,500.00	7,850.00	14,617.00	7,784.87	223.52	187.77	88.47	-1,045.73	7,011.19	3,544.88	3,141.79	403.09	8.794		
16,600.00	7,850.00	14,617.00	7,784.87	226.17	187.77	88.47	-1,045.73	7,011.19	3,563.68	3,160.20	403.48	8.832		
16,700.00	7,850.00	14,617.00	7,784.87	228.83	187.77	88.47	-1,045.73	7,011.19	3,585.17	3,181.59	403.58	8.884		
16,800.00	7,850.00	14,617.00	7,784.87	231.49	187.77	88.47	-1,045.73	7,011.19	3,609.31	3,205.92	403.39	8.948		
16,900.00	7,850.00	14,617.00	7,784.87	234.15	187.77	88.47	-1,045.73	7,011.19	3,636.03	3,233.11	402.92	9.024		
17,000.00	7,850.00	14,617.00	7,784.87	236.81	187.77	88.47	-1,045.73	7,011.19	3,665.30	3,263.10	402.20	9.113		
17,100.00	7,850.00	14,617.00	7,784.87	239.47	187.77	88.47	-1,045.73	7,011.19	3,697.03	3,295.81	401.22	9.214		
17,200.00	7,850.00	14,617.00	7,784.87	242.13	187.77	88.47	-1,045.73	7,011.19	3,731.18	3,331.16	400.02	9.327		
17,300.00	7,850.00	14,617.00	7,784.87	244.79	187.77	88.47	-1,045.73	7,011.19	3,767.67	3,369.07	398.60	9.452		
17,400.00	7,850.00	14,617.00	7,784.87	247.46	187.77	88.47	-1,045.73	7,011.19	3,806.44	3,409.46	396.98	9.589		
17,500.00	7,850.00	14,617.00	7,784.87	250.12	187.77	88.47	-1,045.73	7,011.19	3,847.42	3,452.25	395.17	9.736		
17,600.00	7,850.00	14,617.00	7,784.87	252.79	187.77	88.47	-1,045.73	7,011.19	3,890.54	3,497.35	393.19	9.895		
17,700.00	7,850.00	14,617.00	7,784.87	255.45	187.77	88.47	-1,045.73	7,011.19	3,935.73	3,544.66	391.06	10.064		
17,800.00	7,850.00	14,617.00	7,784.87	258.12	187.77	88.47	-1,045.73	7,011.19	3,982.91	3,594.12	388.79	10.244		
17,900.00	7,850.00	14,617.00	7,784.87	260.78	187.77	88.47	-1,045.73	7,011.19	4,032.03	3,645.63	386.40	10.435		
18,000.00	7,850.00	14,617.00	7,784.87	263.45	187.77	88.47	-1,045.73	7,011.19	4,083.00	3,699.10	383.90	10.636		
18,100.00	7,850.00	14,617.00	7,784.87	266.12	187.77	88.47	-1,045.73	7,011.19	4,135.76	3,754.46	381.30	10.846		
18,200.00	7,850.00	14,617.00	7,784.87	268.79	187.77	88.47	-1,045.73	7,011.19	4,190.25	3,811.63	378.62	11.067		
18,300.00	7,850.00	14,617.00	7,784.87	271.45	187.77	88.47	-1,045.73	7,011.19	4,246.39	3,870.52	375.87	11.297		
18,400.00	7,850.00	14,617.00	7,784.87	274.12	187.77	88.47	-1,045.73	7,011.19	4,304.12	3,931.06	373.06	11.537		
18,500.00	7,850.00	14,617.00	7,784.87	276.79	187.77	88.47	-1,045.73	7,011.19	4,363.38	3,993.18	370.20	11.786		
18,600.00	7,850.00	14,617.00	7,784.87	279.46	187.77	88.47	-1,045.73	7,011.19	4,424.11	4,056.81	367.31	12.045		
18,700.00	7,850.00	14,617.00	7,784.87	282.13	187.77	88.47	-1,045.73	7,011.19	4,486.25	4,121.87	364.38	12.312		
18,800.00	7,850.00	14,617.00	7,784.87	284.80	187.77	88.47	-1,045.73	7,011.19	4,549.73	4,188.30	361.44	12.588		
18,900.00	7,850.00	14,617.00	7,784.87	287.48	187.77	88.47	-1,045.73	7,011.19	4,614.51	4,256.03	358.48	12.873		
19,000.00	7,850.00	14,617.00	7,784.87	290.15	187.77	88.47	-1,045.73	7,011.19	4,680.53	4,325.02	355.51	13.166		
19,100.00	7,850.00	14,617.00	7,784.87	292.82	187.77	88.47	-1,045.73	7,011.19	4,747.74	4,395.19	352.55	13.467		
19,200.00	7,850.00	14,617.00	7,784.87	295.49	187.77	88.47	-1,045.73	7,011.19	4,816.08	4,466.50	349.59	13.776		
19,300.00	7,850.00	14,617.00	7,784.87	298.16	187.77	88.47	-1,045.73	7,011.19	4,885.52	4,538.88	346.64	14.094		
19,400.00	7,850.00	14,617.00	7,784.87	300.84	187.77	88.47	-1,045.73	7,011.19	4,956.00	4,612.29	343.71	14.419		
19,500.00	7,850.00	14,617.00	7,784.87	303.51	187.77	88.47	-1,045.73	7,011.19	5,027.49	4,686.69	340.80	14.752		
19,600.00	7,850.00	14,617.00	7,784.87	306.19	187.77	88.47	-1,045.73	7,011.19	5,099.93	4,762.02	337.91	15.093		
19,700.00	7,850.00	14,617.00	7,784.87	308.86	187.77	88.47	-1,045.73	7,011.19	5,173.29	4,838.24	335.05	15.440		
19,800.00	7,850.00	14,617.00	7,784.87	311.54	187.77	88.47	-1,045.73	7,011.19	5,247.53	4,915.31	332.22	15.796		
19,900.00	7,850.00	14,617.00	7,784.87	314.21	187.77	88.47	-1,045.73	7,011.19	5,322.61	4,993.20	329.42	16.158		
20,000.00	7,850.00	14,617.00	7,784.87	316.89	187.77	88.47	-1,045.73	7,011.19	5,398.51	5,071.86	326.65	16.527		
20,100.00	7,850.00	14,617.00	7,784.87	319.56	187.77	88.47	-1,045.73	7,011.19	5,475.17	5,151.25	323.92	16.903		
20,200.00	7,850.00	14,617.00	7,784.87	322.24	187.77	88.47	-1,045.73	7,011.19	5,552.58	5,231.36	321.23	17.286		
20,300.00	7,850.00	14,617.00	7,784.87	324.91	187.77	88.47	-1,045.73	7,011.19	5,630.70	5,312.13	318.57	17.675		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
20,400.00	7,850.00	14,617.00	7,784.87	327.59	187.77	88.47	-1,045.73	7,011.19	5,709.51	5,393.55	315.95	18.071		
20,500.00	7,850.00	14,617.00	7,784.87	330.27	187.77	88.47	-1,045.73	7,011.19	5,788.96	5,475.59	313.38	18.473		
20,600.00	7,850.00	14,617.00	7,784.87	332.95	187.77	88.47	-1,045.73	7,011.19	5,869.05	5,558.21	310.84	18.881		
20,700.00	7,850.00	14,617.00	7,784.87	335.62	187.77	88.47	-1,045.73	7,011.19	5,949.74	5,641.39	308.35	19.295		
20,800.00	7,850.00	14,617.00	7,784.87	338.30	187.77	88.47	-1,045.73	7,011.19	6,031.01	5,725.11	305.90	19.716		
20,900.00	7,850.00	14,617.00	7,784.87	340.98	187.77	88.47	-1,045.73	7,011.19	6,112.83	5,809.34	303.49	20.142		
21,000.00	7,850.00	14,617.00	7,784.87	343.66	187.77	88.47	-1,045.73	7,011.19	6,195.19	5,894.07	301.12	20.574		
21,100.00	7,850.00	14,617.00	7,784.87	346.34	187.77	88.47	-1,045.73	7,011.19	6,278.06	5,979.26	298.80	21.011		
21,200.00	7,850.00	14,617.00	7,784.87	349.01	187.77	88.47	-1,045.73	7,011.19	6,361.42	6,064.91	296.51	21.454		
21,300.00	7,850.00	14,617.00	7,784.87	351.69	187.77	88.47	-1,045.73	7,011.19	6,445.25	6,150.99	294.27	21.903		
21,400.00	7,850.00	14,617.00	7,784.87	354.37	187.77	88.47	-1,045.73	7,011.19	6,529.54	6,237.48	292.06	22.357		
21,500.00	7,850.00	14,617.00	7,784.87	357.05	187.77	88.47	-1,045.73	7,011.19	6,614.27	6,324.37	289.90	22.816		
21,600.00	7,850.00	14,617.00	7,784.87	359.73	187.77	88.47	-1,045.73	7,011.19	6,699.42	6,411.64	287.78	23.280		
21,700.00	7,850.00	14,617.00	7,784.87	362.41	187.77	88.47	-1,045.73	7,011.19	6,784.98	6,499.28	285.70	23.749		
21,800.00	7,850.00	14,617.00	7,784.87	365.09	187.77	88.47	-1,045.73	7,011.19	6,870.92	6,587.27	283.65	24.223		
21,900.00	7,850.00	14,617.00	7,784.87	367.77	187.77	88.47	-1,045.73	7,011.19	6,957.24	6,675.59	281.65	24.702		
22,000.00	7,850.00	14,617.00	7,784.87	370.45	187.77	88.47	-1,045.73	7,011.19	7,043.92	6,764.24	279.68	25.185		
22,100.00	7,850.00	14,617.00	7,784.87	373.14	187.77	88.47	-1,045.73	7,011.19	7,130.95	6,853.20	277.76	25.673		
22,200.00	7,850.00	14,617.00	7,784.87	375.82	187.77	88.47	-1,045.73	7,011.19	7,218.32	6,942.46	275.86	26.166		
22,300.00	7,850.00	14,617.00	7,784.87	378.50	187.77	88.47	-1,045.73	7,011.19	7,306.01	7,032.00	274.01	26.663		
22,400.00	7,850.00	14,617.00	7,784.87	381.18	187.77	88.47	-1,045.73	7,011.19	7,394.01	7,121.83	272.19	27.165		
22,500.00	7,850.00	14,617.00	7,784.87	383.86	187.77	88.47	-1,045.73	7,011.19	7,482.32	7,211.91	270.40	27.671		
22,600.00	7,850.00	14,617.00	7,784.87	386.54	187.77	88.47	-1,045.73	7,011.19	7,570.91	7,302.26	268.65	28.181		
22,700.00	7,850.00	14,617.00	7,784.87	389.22	187.77	88.47	-1,045.73	7,011.19	7,659.79	7,392.85	266.94	28.695		
22,800.00	7,850.00	14,617.00	7,784.87	391.91	187.77	88.47	-1,045.73	7,011.19	7,748.94	7,483.68	265.25	29.213		
22,900.00	7,850.00	14,617.00	7,784.87	394.59	187.77	88.47	-1,045.73	7,011.19	7,838.35	7,574.75	263.60	29.736		
23,000.00	7,850.00	14,617.00	7,784.87	397.27	187.77	88.47	-1,045.73	7,011.19	7,928.01	7,666.03	261.98	30.262		
23,100.00	7,850.00	14,617.00	7,784.87	399.95	187.77	88.47	-1,045.73	7,011.19	8,017.92	7,757.52	260.39	30.791		
23,200.00	7,850.00	14,617.00	7,784.87	402.64	187.77	88.47	-1,045.73	7,011.19	8,108.06	7,849.22	258.84	31.325		
23,300.00	7,850.00	14,617.00	7,784.87	405.32	187.77	88.47	-1,045.73	7,011.19	8,198.43	7,941.12	257.31	31.862		
23,400.00	7,850.00	14,617.00	7,784.87	408.00	187.77	88.47	-1,045.73	7,011.19	8,289.03	8,033.22	255.81	32.403		
23,500.00	7,850.00	14,617.00	7,784.87	410.69	187.77	88.47	-1,045.73	7,011.19	8,379.83	8,125.49	254.34	32.948		
23,600.00	7,850.00	14,617.00	7,784.87	413.37	187.77	88.47	-1,045.73	7,011.19	8,470.85	8,217.95	252.90	33.495		
23,700.00	7,850.00	14,617.00	7,784.87	416.05	187.77	88.47	-1,045.73	7,011.19	8,562.06	8,310.58	251.48	34.046		
23,800.00	7,850.00	14,617.00	7,784.87	418.74	187.77	88.47	-1,045.73	7,011.19	8,653.47	8,403.38	250.09	34.601		
23,900.00	7,850.00	14,617.00	7,784.87	421.42	187.77	88.47	-1,045.73	7,011.19	8,745.07	8,496.33	248.73	35.159		
24,000.00	7,850.00	14,617.00	7,784.87	424.11	187.77	88.47	-1,045.73	7,011.19	8,836.85	8,589.45	247.39	35.720		
24,092.24	7,850.00	14,617.00	7,784.87	426.58	187.77	88.47	-1,045.73	7,011.19	8,921.65	8,675.47	246.18	36.240		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.60	0.60	0.00	0.00	0.32	99.81	0.56	99.81					
100.00	100.00	100.60	100.60	0.13	0.14	0.32	99.81	0.56	99.81	99.54	0.27	370.137	CC, ES	
200.00	200.00	197.20	197.18	0.49	0.48	0.22	101.45	0.39	101.51	100.52	0.98	103.075		
300.00	299.98	293.68	293.53	0.85	0.84	19.22	106.32	-0.12	104.91	103.21	1.69	61.953		
400.00	399.84	390.05	389.56	1.22	1.20	19.61	114.40	-0.96	108.36	105.96	2.40	45.180		
500.00	499.45	486.31	485.14	1.59	1.57	20.36	125.68	-2.14	111.88	108.77	3.11	36.015		
600.00	598.70	582.44	580.16	1.97	1.97	21.44	140.12	-3.64	115.48	111.66	3.82	30.227		
700.00	697.47	678.44	674.52	2.38	2.39	22.80	157.70	-5.48	119.22	114.67	4.54	26.232		
800.00	795.62	774.32	768.11	2.82	2.85	24.42	178.38	-7.64	123.12	117.84	5.28	23.298		
900.00	893.06	870.06	860.82	3.29	3.33	26.27	202.13	-10.12	127.25	121.20	6.05	21.040		
1,000.00	989.64	965.67	952.56	3.80	3.86	28.30	228.91	-12.91	131.65	124.81	6.84	19.255		
1,100.00	1,085.27	1,061.14	1,043.21	4.35	4.41	30.48	258.67	-16.02	136.38	128.71	7.68	17.767		
1,200.00	1,179.82	1,156.47	1,132.68	4.95	5.01	32.79	291.37	-19.43	141.51	132.94	8.57	16.511		
1,300.00	1,273.63	1,251.62	1,220.85	5.58	5.65	34.96	326.95	-23.14	148.15	138.63	9.52	15.563		
1,400.00	1,367.44	1,348.67	1,309.66	6.22	6.34	36.56	365.86	-27.20	157.63	147.11	10.53	14.973		
1,500.00	1,461.25	1,448.09	1,400.47	6.87	7.06	37.95	406.13	-31.40	167.64	156.04	11.60	14.448		
1,600.00	1,555.06	1,547.51	1,491.27	7.52	7.78	39.18	446.39	-35.61	177.74	165.04	12.70	13.991		
1,700.00	1,648.86	1,646.93	1,582.07	8.18	8.52	40.28	486.66	-39.81	187.91	174.09	13.83	13.592		
1,800.00	1,742.67	1,746.35	1,672.88	8.84	9.26	41.26	526.93	-44.01	198.14	183.18	14.96	13.242		
1,900.00	1,836.48	1,845.77	1,763.68	9.51	10.00	42.15	567.20	-48.21	208.43	192.31	16.12	12.933		
2,000.00	1,930.29	1,945.19	1,854.48	10.18	10.74	42.96	607.47	-52.41	218.76	201.48	17.28	12.659		
2,100.00	2,024.10	2,044.61	1,945.29	10.85	11.49	43.69	647.73	-56.62	229.12	210.67	18.46	12.414		
2,200.00	2,117.90	2,144.03	2,036.09	11.52	12.23	44.36	688.00	-60.82	239.53	219.89	19.64	12.196		
2,300.00	2,211.71	2,243.45	2,126.89	12.19	12.98	44.97	728.27	-65.02	249.96	229.13	20.83	11.999		
2,400.00	2,305.52	2,342.87	2,217.70	12.87	13.73	45.53	768.54	-69.22	260.41	238.38	22.03	11.821		
2,500.00	2,399.33	2,442.29	2,308.50	13.54	14.48	46.05	808.81	-73.43	270.90	247.66	23.23	11.659		
2,600.00	2,493.13	2,541.71	2,399.30	14.22	15.23	46.54	849.07	-77.63	281.40	256.95	24.44	11.512		
2,700.00	2,586.94	2,641.13	2,490.11	14.89	15.99	46.98	889.34	-81.83	291.92	266.26	25.66	11.378		
2,800.00	2,680.75	2,740.55	2,580.91	15.57	16.74	47.40	929.61	-86.03	302.45	275.58	26.87	11.254		
2,900.00	2,774.56	2,839.97	2,671.71	16.25	17.49	47.79	969.88	-90.23	313.00	284.91	28.09	11.141		
3,000.00	2,868.36	2,939.39	2,762.52	16.93	18.25	48.15	1,010.15	-94.44	323.56	294.25	29.32	11.036		
3,100.00	2,962.17	3,038.81	2,853.32	17.61	19.00	48.49	1,050.42	-98.64	334.14	303.59	30.55	10.939		
3,200.00	3,055.98	3,138.23	2,944.12	18.28	19.76	48.81	1,090.68	-102.84	344.73	312.95	31.77	10.849		
3,300.00	3,149.79	3,237.65	3,034.92	18.96	20.51	49.11	1,130.95	-107.04	355.32	322.32	33.01	10.765		
3,400.00	3,243.60	3,337.07	3,125.73	19.64	21.27	49.39	1,171.22	-111.25	365.93	331.69	34.24	10.687		
3,500.00	3,337.40	3,436.49	3,216.53	20.32	22.02	49.66	1,211.49	-115.45	376.54	341.07	35.47	10.614		
3,600.00	3,431.21	3,535.91	3,307.33	21.00	22.78	49.91	1,251.76	-119.65	387.16	350.45	36.71	10.546		
3,700.00	3,525.02	3,635.33	3,398.14	21.68	23.53	50.15	1,292.02	-123.85	397.79	359.84	37.95	10.482		
3,800.00	3,618.83	3,734.76	3,488.94	22.36	24.29	50.37	1,332.29	-128.05	408.43	369.24	39.19	10.422		
3,900.00	3,712.63	3,834.18	3,579.74	23.04	25.05	50.59	1,372.56	-132.26	419.07	378.64	40.43	10.365		
4,000.00	3,806.44	3,933.60	3,670.55	23.72	25.80	50.79	1,412.83	-136.46	429.71	388.04	41.67	10.312		
4,100.00	3,900.25	4,033.02	3,761.35	24.41	26.56	50.99	1,453.10	-140.66	440.36	397.45	42.92	10.261		
4,200.00	3,994.06	4,132.44	3,852.15	25.09	27.32	51.17	1,493.36	-144.86	451.02	406.86	44.16	10.213		
4,300.00	4,087.86	4,231.86	3,942.96	25.77	28.07	51.35	1,533.63	-149.07	461.68	416.28	45.41	10.168		
4,400.00	4,181.67	4,331.28	4,033.76	26.45	28.83	51.52	1,573.90	-153.27	472.35	425.69	46.65	10.125		
4,500.00	4,275.48	4,430.70	4,124.56	27.13	29.59	51.68	1,614.17	-157.47	483.01	435.12	47.90	10.084		
4,600.00	4,369.29	4,530.12	4,215.37	27.81	30.35	51.83	1,654.44	-161.67	493.69	444.54	49.15	10.045		
4,700.00	4,463.10	4,629.54	4,306.17	28.49	31.10	51.98	1,694.70	-165.87	504.36	453.97	50.39	10.008		
4,800.00	4,556.90	4,728.96	4,396.97	29.17	31.86	52.12	1,734.97	-170.08	515.04	463.40	51.64	9.973		
4,900.00	4,650.71	4,828.38	4,487.78	29.86	32.62	52.26	1,775.24	-174.28	525.72	472.83	52.89	9.939		
5,000.00	4,744.52	4,927.80	4,578.58	30.54	33.38	52.39	1,815.51	-178.48	536.41	482.27	54.14	9.907		
5,100.00	4,838.33	5,027.22	4,669.38	31.22	34.13	52.51	1,855.78	-182.68	547.09	491.70	55.39	9.877		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,932.13	5,126.64	4,760.19	31.90	34.89	52.63	1,896.05	-186.89	557.78	501.14	56.64	9.847		
5,300.00	5,025.94	5,226.06	4,850.99	32.58	35.65	52.75	1,936.31	-191.09	568.48	510.58	57.90	9.819		
5,400.00	5,119.75	5,325.48	4,941.79	33.26	36.41	52.86	1,976.58	-195.29	579.17	520.02	59.15	9.792		
5,500.00	5,213.56	5,424.90	5,032.60	33.95	37.17	52.97	2,016.85	-199.49	589.87	529.47	60.40	9.766		
5,600.00	5,307.36	5,524.32	5,123.40	34.63	37.92	53.07	2,057.12	-203.69	600.57	538.91	61.65	9.741		
5,700.00	5,401.17	5,623.74	5,214.20	35.31	38.68	53.17	2,097.39	-207.90	611.27	548.36	62.91	9.717		
5,800.00	5,494.98	5,723.16	5,305.01	35.99	39.44	53.27	2,137.65	-212.10	621.97	557.81	64.16	9.694		
5,900.00	5,588.79	5,822.58	5,395.81	36.68	40.20	53.36	2,177.92	-216.30	632.67	567.26	65.41	9.672		
6,000.00	5,682.59	5,922.00	5,486.61	37.36	40.96	53.45	2,218.19	-220.50	643.38	576.71	66.67	9.651		
6,100.00	5,776.40	6,021.42	5,577.41	38.04	41.71	53.54	2,258.46	-224.71	654.08	586.16	67.92	9.630		
6,200.00	5,870.21	6,120.84	5,668.22	38.72	42.47	53.62	2,298.73	-228.91	664.79	595.62	69.17	9.610		
6,300.00	5,964.02	6,220.26	5,759.02	39.40	43.23	53.70	2,338.99	-233.11	675.50	605.07	70.43	9.591		
6,400.00	6,057.83	6,319.68	5,849.82	40.09	43.99	53.78	2,379.26	-237.31	686.21	614.53	71.68	9.573		
6,500.00	6,151.63	6,419.10	5,940.63	40.77	44.75	53.86	2,419.53	-241.51	696.92	623.98	72.94	9.555		
6,600.00	6,245.44	6,518.52	6,031.43	41.45	45.51	53.93	2,459.80	-245.72	707.64	633.44	74.20	9.537		
6,700.00	6,339.25	6,617.94	6,122.23	42.13	46.26	54.01	2,500.07	-249.92	718.35	642.90	75.45	9.521		
6,800.00	6,433.06	6,717.36	6,213.04	42.82	47.02	54.08	2,540.33	-254.12	729.07	652.36	76.71	9.505		
6,900.00	6,526.86	6,816.78	6,303.84	43.50	47.78	54.14	2,580.60	-258.32	739.78	661.82	77.96	9.489		
7,000.00	6,620.67	6,916.21	6,394.64	44.18	48.54	54.21	2,620.87	-262.53	750.50	671.28	79.22	9.474		
7,100.00	6,714.48	7,015.63	6,485.45	44.86	49.30	54.28	2,661.14	-266.73	761.22	680.74	80.48	9.459		
7,200.00	6,808.29	7,115.05	6,576.25	45.55	50.06	54.34	2,701.41	-270.93	771.94	690.21	81.73	9.445		
7,300.00	6,902.09	7,214.47	6,667.05	46.23	50.82	54.40	2,741.68	-275.13	782.66	699.67	82.99	9.431		
7,400.00	6,995.90	7,313.89	6,757.86	46.91	51.57	54.46	2,781.94	-279.33	793.38	709.13	84.25	9.417		
7,500.00	7,089.71	7,413.31	6,848.66	47.59	52.33	54.52	2,822.21	-283.54	804.10	718.60	85.50	9.404		
7,600.00	7,183.52	7,512.73	6,939.46	48.28	53.09	54.57	2,862.48	-287.74	814.83	728.07	86.76	9.392		
7,700.00	7,277.41	7,612.19	7,030.31	48.95	53.85	54.67	2,902.77	-291.94	825.00	737.03	87.98	9.377		
7,800.00	7,371.68	7,711.46	7,120.97	49.54	54.61	54.60	2,942.97	-296.14	835.72	746.55	89.20	9.362		
7,900.00	7,464.05	7,807.95	7,209.09	50.01	55.34	-5.73	2,982.05	-300.22	846.66	756.07	90.41	9.347		
8,000.00	7,551.70	7,931.52	7,321.84	50.36	56.29	-23.56	3,032.07	-307.21	857.39	765.59	91.62	9.332	9.165 SF	
8,100.00	7,631.98	8,126.78	7,491.78	50.61	57.82	-44.58	3,108.00	-363.03	868.11	775.11	92.83	9.317		
8,200.00	7,702.44	8,191.32	7,542.87	50.75	58.32	-57.30	3,131.00	-394.98	878.60	784.63	94.04	9.302		
8,300.00	7,760.95	8,203.43	7,552.07	50.81	58.41	-63.50	3,135.16	-401.66	889.32	794.15	95.25	9.287		
8,400.00	7,805.72	8,192.04	7,543.42	50.80	58.33	-65.46	3,131.25	-395.37	899.99	803.67	96.46	9.272		
8,430.71	7,816.49	8,185.79	7,538.63	50.77	58.28	-65.43	3,129.09	-392.00	909.99	813.19	97.67	9.257		
8,500.00	7,835.40	8,168.50	7,525.19	50.72	58.15	-64.47	3,123.03	-382.96	919.99	822.71	98.88	9.242		
8,600.00	7,849.08	8,137.95	7,500.85	50.60	57.91	-61.31	3,112.08	-368.11	929.99	832.23	100.09	9.227		
8,700.00	7,850.00	8,105.51	7,474.24	50.45	57.66	-58.36	3,100.12	-353.91	939.99	841.75	101.30	9.212		
8,800.00	7,850.00	8,079.07	7,452.05	50.32	57.45	-56.45	3,090.17	-343.58	949.99	851.27	102.51	9.197		
8,900.00	7,850.00	8,050.00	7,427.15	50.22	57.22	-54.33	3,079.02	-333.53	959.99	860.79	103.72	9.182		
9,000.00	7,850.00	8,039.82	7,418.33	50.15	57.14	-53.59	3,075.08	-330.34	969.99	870.31	104.93	9.167		
9,100.00	7,850.00	8,024.92	7,405.32	50.11	57.03	-52.50	3,069.27	-325.97	979.99	879.83	106.14	9.152		
9,200.00	7,850.00	8,012.25	7,394.18	50.12	56.93	-51.57	3,064.29	-322.56	989.99	889.35	107.35	9.137		
9,300.00	7,850.00	8,000.00	7,383.34	50.20	56.83	-50.68	3,059.46	-319.51	999.99	898.87	108.56	9.122		
9,400.00	7,850.00	8,000.00	7,383.34	50.42	56.83	-50.68	3,059.46	-319.51	1,009.99	908.39	109.77	9.107		
9,500.00	7,850.00	7,983.63	7,368.77	50.87	56.70	-49.49	3,052.96	-315.84	1,019.99	917.91	110.98	9.092		
9,600.00	7,850.00	7,976.32	7,362.23	51.72	56.64	-48.96	3,050.05	-314.35	1,029.99	927.43	112.19	9.077		
9,700.00	7,850.00	7,969.82	7,356.40	53.02	56.59	-48.50	3,047.45	-313.10	1,039.99	936.95	113.40	9.062		
9,800.00	7,850.00	7,950.00	7,338.57	54.65	56.43	-47.08	3,039.51	-309.74	1,049.99	946.47	114.61	9.047		
9,900.00	7,850.00	7,950.00	7,338.57	56.50	56.43	-47.08	3,039.51	-309.74	1,059.99	955.99	115.82	9.032		
10,000.00	7,850.00	7,950.00	7,338.57	58.48	56.43	-47.08	3,039.51	-309.74	1,069.99	965.51	117.03	9.017		
10,100.00	7,850.00	7,950.00	7,338.57	60.55	56.43	-47.08	3,039.51	-309.74	1,079.99	975.03	118.24	9.002		
10,200.00	7,850.00	7,950.00	7,338.57	62.69	56.43	-47.08	3,039.51	-309.74	1,089.99	984.55	119.45	8.987		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,850.00	7,950.00	7,338.57	64.88	56.43	-47.08	3,039.51	-309.74	1,917.84	1,810.97	106.87	17.946		
10,400.00	7,850.00	7,950.00	7,338.57	67.11	56.43	-47.08	3,039.51	-309.74	2,010.21	1,902.75	107.46	18.706		
10,500.00	7,850.00	7,950.00	7,338.57	69.38	56.43	-47.08	3,039.51	-309.74	2,103.29	1,995.30	107.99	19.477		
10,600.00	7,850.00	7,950.00	7,338.57	71.68	56.43	-47.08	3,039.51	-309.74	2,196.97	2,088.52	108.45	20.258		
10,700.00	7,850.00	7,930.43	7,320.85	74.00	56.28	-45.69	3,031.63	-307.08	2,290.79	2,182.20	108.59	21.096		
10,800.00	7,850.00	7,927.99	7,318.64	76.36	56.26	-45.52	3,030.65	-306.80	2,385.37	2,276.44	108.93	21.899		
10,900.00	7,850.00	7,925.72	7,316.57	78.73	56.25	-45.36	3,029.73	-306.54	2,480.37	2,371.14	109.23	22.708		
11,000.00	7,850.00	7,923.59	7,314.64	81.13	56.23	-45.21	3,028.87	-306.31	2,575.73	2,466.23	109.50	23.522		
11,100.00	7,850.00	7,921.60	7,312.83	83.54	56.21	-45.07	3,028.07	-306.10	2,671.43	2,561.68	109.75	24.341		
11,200.00	7,850.00	7,919.74	7,311.14	85.97	56.20	-44.94	3,027.32	-305.91	2,767.43	2,657.45	109.98	25.164		
11,300.00	7,850.00	7,900.00	7,293.16	88.42	56.05	-43.58	3,019.33	-304.27	2,864.02	2,754.08	109.94	26.050		
11,400.00	7,850.00	7,900.00	7,293.16	90.88	56.05	-43.58	3,019.33	-304.27	2,960.46	2,850.31	110.15	26.876		
11,500.00	7,850.00	7,900.00	7,293.16	93.35	56.05	-43.58	3,019.33	-304.27	3,057.14	2,946.79	110.35	27.705		
11,600.00	7,850.00	7,900.00	7,293.16	95.83	56.05	-43.58	3,019.33	-304.27	3,154.02	3,043.49	110.53	28.536		
11,700.00	7,850.00	7,900.00	7,293.16	98.33	56.05	-43.58	3,019.33	-304.27	3,251.09	3,140.40	110.69	29.371		
11,800.00	7,850.00	7,900.00	7,293.16	100.83	56.05	-43.58	3,019.33	-304.27	3,348.33	3,237.49	110.84	30.207		
11,900.00	7,850.00	7,900.00	7,293.16	103.35	56.05	-43.58	3,019.33	-304.27	3,445.73	3,334.74	110.99	31.046		
12,000.00	7,850.00	7,900.00	7,293.16	105.87	56.05	-43.58	3,019.33	-304.27	3,543.28	3,432.16	111.12	31.887		
12,100.00	7,850.00	7,900.00	7,293.16	108.40	56.05	-43.58	3,019.33	-304.27	3,640.95	3,529.71	111.25	32.729		
12,200.00	7,850.00	7,900.00	7,293.16	110.94	56.05	-43.58	3,019.33	-304.27	3,738.75	3,627.39	111.36	33.573		
12,300.00	7,850.00	7,900.00	7,293.16	113.48	56.05	-43.58	3,019.33	-304.27	3,836.67	3,725.20	111.47	34.418		
12,400.00	7,850.00	7,900.00	7,293.16	116.04	56.05	-43.58	3,019.33	-304.27	3,934.69	3,823.11	111.58	35.264		
12,500.00	7,850.00	7,900.00	7,293.16	118.59	56.05	-43.58	3,019.33	-304.27	4,032.81	3,921.13	111.68	36.112		
12,600.00	7,850.00	7,900.00	7,293.16	121.16	56.05	-43.58	3,019.33	-304.27	4,131.01	4,019.24	111.77	36.960		
12,700.00	7,850.00	7,900.00	7,293.16	123.73	56.05	-43.58	3,019.33	-304.27	4,229.30	4,117.44	111.86	37.809		
12,800.00	7,850.00	7,900.00	7,293.16	126.30	56.05	-43.58	3,019.33	-304.27	4,327.67	4,215.73	111.94	38.659		
12,900.00	7,850.00	7,900.00	7,293.16	128.88	56.05	-43.58	3,019.33	-304.27	4,426.11	4,314.09	112.03	39.510		
13,000.00	7,850.00	7,900.00	7,293.16	131.46	56.05	-43.58	3,019.33	-304.27	4,524.62	4,412.52	112.10	40.361		
13,100.00	7,850.00	7,900.00	7,293.16	134.05	56.05	-43.58	3,019.33	-304.27	4,623.20	4,511.02	112.18	41.213		
13,200.00	7,850.00	7,900.00	7,293.16	136.64	56.05	-43.58	3,019.33	-304.27	4,721.83	4,609.58	112.25	42.065		
13,300.00	7,850.00	7,900.00	7,293.16	139.24	56.05	-43.58	3,019.33	-304.27	4,820.52	4,708.20	112.32	42.917		
13,400.00	7,850.00	7,900.00	7,293.16	141.84	56.05	-43.58	3,019.33	-304.27	4,919.27	4,806.88	112.39	43.770		
13,500.00	7,850.00	7,900.00	7,293.16	144.44	56.05	-43.58	3,019.33	-304.27	5,018.06	4,905.61	112.45	44.623		
13,600.00	7,850.00	7,900.00	7,293.16	147.05	56.05	-43.58	3,019.33	-304.27	5,116.90	5,004.38	112.52	45.476		
13,700.00	7,850.00	7,900.00	7,293.16	149.66	56.05	-43.58	3,019.33	-304.27	5,215.79	5,103.21	112.58	46.330		
13,800.00	7,850.00	7,893.53	7,287.26	152.27	56.00	-43.14	3,016.72	-303.88	5,314.67	5,202.11	112.56	47.215		
13,900.00	7,850.00	7,892.98	7,286.76	154.88	55.99	-43.10	3,016.49	-303.85	5,413.63	5,301.02	112.61	48.072		
14,000.00	7,850.00	7,892.45	7,286.27	157.50	55.99	-43.06	3,016.28	-303.82	5,512.63	5,399.96	112.67	48.929		
14,100.00	7,850.00	7,886.41	7,280.76	160.12	55.94	-42.65	3,013.83	-303.53	5,611.69	5,499.04	112.65	49.815		
14,200.00	7,850.00	7,886.41	7,280.76	162.74	55.94	-42.65	3,013.83	-303.53	5,710.75	5,598.04	112.71	50.669		
14,300.00	7,850.00	7,886.41	7,280.76	165.36	55.94	-42.65	3,013.83	-303.53	5,809.84	5,697.08	112.76	51.524		
14,400.00	7,850.00	7,886.41	7,280.76	167.99	55.94	-42.65	3,013.83	-303.53	5,908.96	5,796.14	112.81	52.378		
14,500.00	7,850.00	7,886.41	7,280.76	170.62	55.94	-42.65	3,013.83	-303.53	6,008.11	5,895.24	112.87	53.232		
14,600.00	7,850.00	7,886.41	7,280.76	173.25	55.94	-42.65	3,013.83	-303.53	6,107.29	5,994.37	112.92	54.086		
14,700.00	7,850.00	7,886.41	7,280.76	175.88	55.94	-42.65	3,013.83	-303.53	6,206.49	6,093.52	112.97	54.939		
14,800.00	7,850.00	7,886.41	7,280.76	178.52	55.94	-42.65	3,013.83	-303.53	6,305.72	6,192.70	113.02	55.793		
14,900.00	7,850.00	7,886.41	7,280.76	181.15	55.94	-42.65	3,013.83	-303.53	6,404.98	6,291.91	113.07	56.646		
15,000.00	7,850.00	7,886.41	7,280.76	183.79	55.94	-42.65	3,013.83	-303.53	6,504.25	6,391.13	113.12	57.498		
15,100.00	7,850.00	7,886.41	7,280.76	186.43	55.94	-42.65	3,013.83	-303.53	6,603.55	6,490.38	113.17	58.351		
15,200.00	7,850.00	7,886.41	7,280.76	189.07	55.94	-42.65	3,013.83	-303.53	6,702.87	6,589.65	113.22	59.203		
15,300.00	7,850.00	7,891.82	7,285.70	191.71	55.98	-43.02	3,016.02	-303.76	6,802.21	6,688.88	113.33	60.020		
15,400.00	7,850.00	7,887.34	7,281.61	194.36	55.95	-42.71	3,014.21	-303.57	6,901.57	6,788.24	113.33	60.900		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,850.00	7,882.87	7,277.52	197.00	55.92	-42.41	3,012.40	-303.38	7,000.95	6,887.62	113.32	61.779		
15,600.00	7,850.00	7,878.39	7,273.43	199.65	55.88	-42.11	3,010.58	-303.19	7,100.34	6,987.02	113.32	62.659		
15,700.00	7,850.00	7,873.91	7,269.34	202.30	55.85	-41.81	3,008.77	-303.00	7,199.74	7,086.43	113.31	63.539		
15,800.00	7,850.00	7,869.44	7,265.25	204.94	55.81	-41.51	3,006.96	-302.82	7,299.16	7,185.85	113.31	64.419		
15,900.00	7,850.00	7,864.96	7,261.17	207.59	55.78	-41.21	3,005.14	-302.63	7,398.59	7,285.29	113.30	65.300		
16,000.00	7,850.00	7,860.48	7,257.08	210.25	55.75	-40.92	3,003.33	-302.44	7,498.04	7,384.74	113.30	66.181		
16,100.00	7,850.00	7,856.00	7,252.99	212.90	55.71	-40.62	3,001.52	-302.25	7,597.49	7,484.20	113.29	67.062		
16,200.00	7,850.00	7,851.53	7,248.90	215.55	55.68	-40.33	2,999.70	-302.06	7,696.96	7,583.67	113.29	67.943		
16,300.00	7,850.00	7,847.05	7,244.81	218.20	55.64	-40.04	2,997.89	-301.87	7,796.44	7,683.16	113.28	68.824		
16,400.00	7,850.00	7,842.57	7,240.72	220.86	55.61	-39.75	2,996.08	-301.68	7,895.93	7,782.65	113.27	69.706		
16,500.00	7,850.00	7,838.10	7,236.63	223.52	55.57	-39.46	2,994.26	-301.49	7,995.43	7,882.16	113.27	70.588		
16,600.00	7,850.00	7,833.62	7,232.54	226.17	55.54	-39.17	2,992.45	-301.30	8,094.93	7,981.67	113.26	71.469		
16,700.00	7,850.00	7,829.14	7,228.45	228.83	55.51	-38.89	2,990.64	-301.11	8,194.45	8,081.19	113.26	72.351		
16,800.00	7,850.00	7,824.66	7,224.36	231.49	55.47	-38.60	2,988.82	-300.92	8,293.98	8,180.73	113.25	73.233		
16,900.00	7,850.00	7,820.19	7,220.27	234.15	55.44	-38.32	2,987.01	-300.73	8,393.52	8,280.27	113.25	74.115		
17,000.00	7,850.00	7,815.71	7,216.18	236.81	55.40	-38.04	2,985.20	-300.54	8,493.06	8,379.82	113.25	74.997		
17,100.00	7,850.00	7,811.23	7,212.10	239.47	55.37	-37.76	2,983.38	-300.36	8,592.62	8,479.37	113.24	75.879		
17,200.00	7,850.00	7,806.76	7,208.01	242.13	55.34	-37.48	2,981.57	-300.17	8,692.18	8,578.94	113.24	76.761		
17,300.00	7,850.00	7,802.28	7,203.92	244.79	55.30	-37.20	2,979.76	-299.98	8,791.75	8,678.51	113.23	77.643		
17,400.00	7,850.00	7,802.20	7,199.83	247.46	55.30	-36.93	2,977.94	-299.79	8,891.32	8,778.06	113.26	78.502		
17,500.00	7,850.00	7,793.32	7,195.74	250.12	55.23	-36.65	2,976.13	-299.60	8,990.91	8,877.68	113.23	79.407		
17,600.00	7,850.00	7,788.85	7,191.65	252.79	55.20	-36.38	2,974.32	-299.41	9,090.50	8,977.27	113.22	80.289		
17,700.00	7,850.00	7,784.37	7,187.56	255.45	55.16	-36.11	2,972.50	-299.22	9,190.09	9,076.87	113.22	81.170		
17,800.00	7,850.00	7,779.89	7,183.47	258.12	55.13	-35.84	2,970.69	-299.03	9,289.70	9,176.48	113.22	82.052		
17,900.00	7,850.00	7,775.42	7,179.38	260.78	55.10	-35.57	2,968.88	-298.84	9,389.31	9,276.09	113.21	82.934		
18,000.00	7,850.00	7,770.94	7,175.29	263.45	55.06	-35.30	2,967.06	-298.65	9,488.92	9,375.71	113.21	83.815		
18,100.00	7,850.00	7,766.46	7,171.20	266.12	55.03	-35.04	2,965.25	-298.46	9,588.55	9,475.33	113.21	84.697		
18,200.00	7,850.00	7,761.98	7,167.12	268.79	54.99	-34.77	2,963.44	-298.27	9,688.17	9,574.96	113.21	85.578		
18,300.00	7,850.00	7,757.51	7,163.03	271.45	54.96	-34.51	2,961.62	-298.08	9,787.81	9,674.60	113.21	86.459		
18,400.00	7,850.00	7,753.03	7,158.94	274.12	54.93	-34.25	2,959.81	-297.90	9,887.44	9,774.24	113.21	87.340		
18,500.00	7,850.00	7,748.55	7,154.85	276.79	54.89	-33.99	2,958.00	-297.71	9,987.09	9,873.88	113.21	88.221		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.70	0.70	0.00	0.00	0.20	79.77	0.28	79.78					
100.00	100.00	100.70	100.70	0.13	0.14	0.20	79.77	0.28	79.78	79.50	0.27	293.980		
200.00	200.00	200.70	200.70	0.49	0.50	0.20	79.77	0.28	79.78	78.79	0.99	80.719 CC		
300.00	299.98	297.99	297.97	0.85	0.85	19.46	81.44	0.08	79.84	78.14	1.70	47.011		
400.00	399.84	395.30	395.15	1.22	1.20	20.21	86.38	-0.53	79.98	77.57	2.41	33.205		
500.00	499.45	492.59	492.08	1.59	1.56	21.45	94.59	-1.54	80.24	77.12	3.12	25.718		
600.00	598.70	589.87	588.67	1.97	1.93	23.18	106.07	-2.95	80.66	76.82	3.84	21.023		
700.00	697.47	687.14	684.79	2.38	2.33	25.37	120.78	-4.76	81.30	76.73	4.56	17.811 ES		
800.00	795.62	784.38	780.33	2.82	2.75	27.99	138.73	-6.97	82.23	76.92	5.31	15.484		
900.00	893.06	881.59	875.18	3.29	3.20	30.99	159.87	-9.57	83.55	77.46	6.09	13.724		
1,000.00	989.64	978.77	969.22	3.80	3.69	34.32	184.19	-12.56	85.35	78.44	6.91	12.349		
1,100.00	1,085.27	1,075.92	1,062.34	4.35	4.21	37.89	211.65	-15.93	87.73	79.94	7.79	11.259		
1,200.00	1,179.82	1,173.03	1,154.43	4.95	4.77	41.63	242.22	-19.69	90.76	81.99	8.77	10.351		
1,300.00	1,273.63	1,271.22	1,246.53	5.58	5.37	45.08	275.97	-23.84	95.21	85.38	9.84	9.677		
1,400.00	1,367.44	1,370.95	1,339.89	6.22	6.01	48.08	310.80	-28.12	100.43	89.44	10.99	9.137		
1,500.00	1,461.25	1,470.68	1,433.25	6.87	6.65	50.78	345.62	-32.40	105.90	93.71	12.19	8.688		
1,600.00	1,555.06	1,570.41	1,526.60	7.52	7.30	53.21	380.45	-36.68	111.58	98.16	13.42	8.313		
1,700.00	1,648.86	1,670.14	1,619.96	8.18	7.96	55.40	415.28	-40.97	117.44	102.76	14.68	7.998		
1,800.00	1,742.67	1,769.88	1,713.31	8.84	8.62	57.38	450.10	-45.25	123.46	107.49	15.97	7.732		
1,900.00	1,836.48	1,869.61	1,806.67	9.51	9.28	59.18	484.93	-49.53	129.61	112.34	17.27	7.506		
2,000.00	1,930.29	1,969.34	1,900.03	10.18	9.94	60.81	519.75	-53.81	135.87	117.29	18.58	7.312		
2,100.00	2,024.10	2,069.07	1,993.38	10.85	10.61	62.30	554.58	-58.09	142.24	122.33	19.91	7.145		
2,200.00	2,117.90	2,168.81	2,086.74	11.52	11.28	63.66	589.40	-62.37	148.69	127.45	21.24	7.000		
2,300.00	2,211.71	2,268.54	2,180.10	12.19	11.95	64.90	624.23	-66.65	155.22	132.64	22.58	6.874		
2,400.00	2,305.52	2,368.27	2,273.45	12.87	12.62	66.05	659.05	-70.94	161.81	137.89	23.93	6.763		
2,500.00	2,399.33	2,468.00	2,368.81	13.54	13.29	67.10	693.88	-75.22	168.47	143.19	25.28	6.665		
2,600.00	2,493.13	2,567.73	2,460.16	14.22	13.96	68.08	728.70	-79.50	175.18	148.55	26.63	6.578		
2,700.00	2,586.94	2,667.47	2,553.52	14.89	14.64	68.98	763.53	-83.78	181.93	153.94	27.99	6.501		
2,800.00	2,680.75	2,767.20	2,646.88	15.57	15.31	69.82	798.35	-88.06	188.73	159.38	29.34	6.431		
2,900.00	2,774.56	2,866.93	2,740.23	16.25	15.99	70.59	833.18	-92.34	195.56	164.86	30.70	6.369		
3,000.00	2,868.36	2,966.66	2,833.59	16.93	16.66	71.32	868.00	-96.62	202.43	170.36	32.06	6.313		
3,100.00	2,962.17	3,066.40	2,926.95	17.61	17.34	72.00	902.83	-100.91	209.33	175.90	33.43	6.262		
3,200.00	3,055.98	3,166.13	3,020.30	18.28	18.01	72.64	937.65	-105.19	216.25	181.46	34.79	6.216		
3,300.00	3,149.79	3,265.86	3,113.66	18.96	18.69	73.23	972.48	-109.47	223.20	187.05	36.15	6.174		
3,400.00	3,243.60	3,365.59	3,207.01	19.64	19.37	73.79	1,007.30	-113.75	230.17	192.66	37.51	6.136		
3,500.00	3,337.40	3,465.32	3,300.37	20.32	20.04	74.32	1,042.13	-118.03	237.16	198.29	38.88	6.100		
3,600.00	3,431.21	3,565.06	3,393.73	21.00	20.72	74.81	1,076.95	-122.31	244.18	203.93	40.24	6.068		
3,700.00	3,525.02	3,664.79	3,487.08	21.68	21.40	75.28	1,111.78	-126.59	251.21	209.60	41.61	6.038		
3,800.00	3,618.83	3,764.52	3,580.44	22.36	22.07	75.73	1,146.60	-130.88	258.25	215.28	42.97	6.010		
3,900.00	3,712.63	3,864.25	3,673.80	23.04	22.75	76.15	1,181.43	-135.16	265.31	220.97	44.33	5.984		
4,000.00	3,806.44	3,963.98	3,767.15	23.72	23.43	76.54	1,216.25	-139.44	272.38	226.68	45.70	5.960		
4,100.00	3,900.25	4,063.72	3,860.51	24.41	24.11	76.92	1,251.08	-143.72	279.47	232.40	47.06	5.938		
4,200.00	3,994.06	4,163.45	3,953.86	25.09	24.79	77.28	1,285.90	-148.00	286.56	238.14	48.43	5.918		
4,300.00	4,087.86	4,263.18	4,047.22	25.77	25.46	77.62	1,320.73	-152.28	293.67	243.88	49.79	5.898		
4,400.00	4,181.67	4,362.91	4,140.58	26.45	26.14	77.95	1,355.55	-156.56	300.79	249.63	51.15	5.880		
4,500.00	4,275.48	4,462.65	4,233.93	27.13	26.82	78.26	1,390.38	-160.84	307.91	255.40	52.52	5.863		
4,600.00	4,369.29	4,562.38	4,327.29	27.81	27.50	78.56	1,425.20	-165.13	315.05	261.17	53.88	5.847		
4,700.00	4,463.10	4,662.11	4,420.65	28.49	28.18	78.84	1,460.03	-169.41	322.19	266.95	55.24	5.832		
4,800.00	4,556.90	4,761.84	4,514.00	29.17	28.86	79.11	1,494.85	-173.69	329.34	272.74	56.61	5.818		
4,900.00	4,650.71	4,861.57	4,607.36	29.86	29.54	79.37	1,529.68	-177.97	336.50	278.53	57.97	5.805		
5,000.00	4,744.52	4,961.31	4,700.71	30.54	30.22	79.62	1,564.51	-182.25	343.66	284.33	59.33	5.792		
5,100.00	4,838.33	5,061.04	4,794.07	31.22	30.89	79.86	1,599.33	-186.53	350.83	290.14	60.70	5.780		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,932.13	5,160.77	4,887.43	31.90	31.57	80.09	1,634.16	-190.81	358.01	295.95	62.06	5.769		
5,300.00	5,025.94	5,260.50	4,980.78	32.58	32.25	80.31	1,668.98	-195.10	365.19	301.77	63.42	5.758		
5,400.00	5,119.75	5,360.24	5,074.14	33.26	32.93	80.52	1,703.81	-199.38	372.38	307.60	64.78	5.748		
5,500.00	5,213.56	5,459.97	5,167.49	33.95	33.61	80.72	1,738.63	-203.66	379.57	313.43	66.14	5.738		
5,600.00	5,307.36	5,559.70	5,260.85	34.63	34.29	80.92	1,773.46	-207.94	386.77	319.26	67.51	5.729		
5,700.00	5,401.17	5,659.43	5,354.21	35.31	34.97	81.11	1,808.28	-212.22	393.97	325.10	68.87	5.721		
5,800.00	5,494.98	5,759.16	5,447.56	35.99	35.65	81.29	1,843.11	-216.50	401.17	330.94	70.23	5.712		
5,900.00	5,588.79	5,858.90	5,540.92	36.68	36.33	81.46	1,877.93	-220.78	408.38	336.79	71.59	5.704		
6,000.00	5,682.59	5,958.63	5,634.28	37.36	37.01	81.63	1,912.76	-225.07	415.59	342.64	72.95	5.697		
6,100.00	5,776.40	6,058.36	5,727.63	38.04	37.69	81.80	1,947.58	-229.35	422.81	348.49	74.31	5.689		
6,200.00	5,870.21	6,158.09	5,820.99	38.72	38.37	81.96	1,982.41	-233.63	430.03	354.35	75.68	5.682		
6,300.00	5,964.02	6,257.83	5,914.34	39.40	39.05	82.11	2,017.23	-237.91	437.25	360.21	77.04	5.676		
6,400.00	6,057.83	6,357.56	6,007.70	40.09	39.73	82.26	2,052.06	-242.19	444.47	366.08	78.40	5.669		
6,500.00	6,151.63	6,457.29	6,101.06	40.77	40.41	82.40	2,086.88	-246.47	451.70	371.94	79.76	5.663		
6,600.00	6,245.44	6,557.02	6,194.41	41.45	41.09	82.54	2,121.71	-250.75	458.93	377.81	81.12	5.657		
6,700.00	6,339.25	6,656.75	6,287.77	42.13	41.77	82.67	2,156.53	-255.04	466.17	383.69	82.48	5.652		
6,800.00	6,433.06	6,756.49	6,381.13	42.82	42.44	82.80	2,191.36	-259.32	473.40	389.56	83.84	5.646		
6,900.00	6,526.86	6,856.22	6,474.48	43.50	43.12	82.93	2,226.18	-263.60	480.64	395.44	85.20	5.641		
7,000.00	6,620.67	6,955.95	6,567.84	44.18	43.80	83.05	2,261.01	-267.88	487.88	401.32	86.56	5.636		
7,100.00	6,714.48	7,055.68	6,661.19	44.86	44.48	83.17	2,295.83	-272.16	495.12	407.20	87.92	5.631		
7,200.00	6,808.29	7,155.41	6,754.55	45.55	45.16	83.29	2,330.66	-276.44	502.37	413.09	89.28	5.627		
7,300.00	6,902.09	7,255.15	6,847.91	46.23	45.84	83.40	2,365.48	-280.72	509.62	418.97	90.64	5.622		
7,400.00	6,995.90	7,354.88	6,941.26	46.91	46.52	83.51	2,400.31	-285.01	516.86	424.86	92.00	5.618		
7,500.00	7,089.71	7,454.61	7,034.62	47.59	47.20	83.61	2,435.13	-289.29	524.11	430.75	93.36	5.614		
7,600.00	7,183.52	7,554.34	7,127.98	48.28	47.88	83.72	2,469.96	-293.57	531.37	436.64	94.72	5.610		
7,700.00	7,277.41	7,654.12	7,221.38	48.95	48.56	75.09	2,504.80	-297.85	537.78	441.71	96.07	5.598		
7,800.00	7,371.68	7,753.70	7,314.59	49.54	49.24	46.40	2,539.57	-302.13	531.96	434.75	97.20	5.473		
7,900.00	7,464.05	8,101.73	7,620.73	50.01	51.68	10.23	2,654.20	-405.46	491.82	402.35	89.47	5.497		
8,000.00	7,551.70	8,242.34	7,718.42	50.36	52.62	-31.58	2,691.05	-499.11	414.85	334.74	80.12	5.178		
8,100.00	7,631.98	8,270.77	7,735.39	50.61	52.81	-57.52	2,697.48	-521.00	337.78	259.42	78.37	4.310		
8,200.00	7,702.44	8,262.42	7,730.51	50.75	52.75	-68.44	2,695.63	-514.47	274.51	196.79	77.73	3.532		
8,300.00	7,760.95	8,238.30	7,715.93	50.81	52.60	-69.64	2,690.11	-496.07	237.85	163.64	74.20	3.205 SF		
8,349.84	7,785.07	8,223.00	7,706.30	50.81	52.49	-67.57	2,686.47	-484.75	233.06	161.55	71.51	3.259		
8,400.00	7,805.72	8,206.11	7,695.36	50.80	52.38	-64.04	2,682.33	-472.57	237.72	168.42	69.29	3.431		
8,500.00	7,835.40	8,169.26	7,670.34	50.72	52.13	-53.79	2,672.89	-447.23	270.26	201.10	69.16	3.908		
8,600.00	7,849.08	8,129.49	7,641.68	50.60	51.87	-41.59	2,662.08	-421.87	321.68	248.34	73.34	4.386		
8,700.00	7,850.00	8,089.85	7,611.55	50.45	51.59	-33.99	2,650.74	-398.77	382.32	303.82	78.50	4.870		
8,800.00	7,850.00	8,050.00	7,579.81	50.32	51.32	-28.89	2,638.81	-377.84	452.30	369.84	82.46	5.485		
8,900.00	7,850.00	8,028.84	7,562.42	50.22	51.17	-26.38	2,632.28	-367.70	528.91	442.26	86.65	6.104		
9,000.00	7,850.00	8,000.00	7,538.18	50.15	50.97	-23.21	2,623.18	-355.00	610.46	521.38	89.08	6.853		
9,100.00	7,850.00	7,985.40	7,525.69	50.11	50.86	-21.70	2,618.50	-349.07	695.42	603.91	91.51	7.599		
9,200.00	7,850.00	7,968.18	7,510.78	50.12	50.74	-20.01	2,612.91	-342.52	783.03	689.90	93.13	8.408		
9,300.00	7,850.00	7,950.00	7,494.85	50.20	50.61	-18.32	2,606.94	-336.13	872.64	778.36	94.28	9.256		
9,400.00	7,850.00	7,950.00	7,494.85	50.42	50.61	-18.32	2,606.94	-336.13	963.90	868.19	95.71	10.071		
9,500.00	7,850.00	7,928.61	7,475.86	50.87	50.46	-16.47	2,599.83	-329.30	1,056.14	959.94	96.19	10.979		
9,600.00	7,850.00	7,918.37	7,466.69	51.72	50.39	-15.62	2,596.39	-326.30	1,149.50	1,052.66	96.84	11.870		
9,700.00	7,850.00	7,900.00	7,450.12	53.02	50.26	-14.18	2,590.19	-321.36	1,243.77	1,146.62	97.15	12.802		
9,800.00	7,850.00	7,900.00	7,450.12	54.65	50.26	-14.18	2,590.19	-321.36	1,338.51	1,240.72	97.79	13.687		
9,900.00	7,850.00	7,900.00	7,450.12	56.50	50.26	-14.18	2,590.19	-321.36	1,433.96	1,335.65	98.31	14.586		
10,000.00	7,850.00	7,900.00	7,450.12	58.48	50.26	-14.18	2,590.19	-321.36	1,529.99	1,431.25	98.73	15.496		
10,100.00	7,850.00	7,880.72	7,432.58	60.55	50.12	-12.76	2,583.63	-316.78	1,626.06	1,527.31	98.75	16.466		
10,200.00	7,850.00	7,875.11	7,427.45	62.69	50.08	-12.36	2,581.71	-315.57	1,722.69	1,623.71	98.98	17.405		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,300.00	7,850.00	7,869.97	7,422.74	64.88	50.05	-12.00	2,579.95	-314.50	1,819.62	1,720.45	99.17	18.348		
10,400.00	7,850.00	7,850.00	7,404.36	67.11	49.91	-10.68	2,573.08	-310.80	1,917.07	1,817.96	99.11	19.343		
10,500.00	7,850.00	7,850.00	7,404.36	69.38	49.91	-10.68	2,573.08	-310.80	2,014.36	1,915.03	99.33	20.279		
10,600.00	7,850.00	7,850.00	7,404.36	71.68	49.91	-10.68	2,573.08	-310.80	2,111.91	2,012.38	99.52	21.220		
10,700.00	7,850.00	7,850.00	7,404.36	74.00	49.91	-10.68	2,573.08	-310.80	2,209.67	2,109.98	99.69	22.165		
10,800.00	7,850.00	7,850.00	7,404.36	76.36	49.91	-10.68	2,573.08	-310.80	2,307.63	2,207.78	99.84	23.112		
10,900.00	7,850.00	7,850.00	7,404.36	78.73	49.91	-10.68	2,573.08	-310.80	2,405.75	2,305.78	99.98	24.063		
11,000.00	7,850.00	7,850.00	7,404.36	81.13	49.91	-10.68	2,573.08	-310.80	2,504.03	2,403.93	100.10	25.016		
11,100.00	7,850.00	7,850.00	7,404.36	83.54	49.91	-10.68	2,573.08	-310.80	2,602.43	2,502.23	100.20	25.972		
11,200.00	7,850.00	7,850.00	7,404.36	85.97	49.91	-10.68	2,573.08	-310.80	2,700.95	2,600.65	100.30	26.929		
11,300.00	7,850.00	7,850.00	7,404.36	88.42	49.91	-10.68	2,573.08	-310.80	2,799.58	2,699.19	100.39	27.887		
11,400.00	7,850.00	7,850.00	7,404.36	90.88	49.91	-10.68	2,573.08	-310.80	2,898.30	2,797.83	100.47	28.847		
11,500.00	7,850.00	7,850.00	7,404.36	93.35	49.91	-10.68	2,573.08	-310.80	2,997.10	2,896.56	100.55	29.808		
11,600.00	7,850.00	7,828.27	7,384.24	95.83	49.76	-9.33	2,565.56	-307.55	3,095.50	2,995.12	100.38	30.837		
11,700.00	7,850.00	7,826.25	7,382.35	98.33	49.74	-9.21	2,564.86	-307.29	3,194.36	3,093.93	100.43	31.807		
11,800.00	7,850.00	7,824.32	7,380.57	100.83	49.73	-9.10	2,564.19	-307.05	3,293.28	3,192.80	100.47	32.777		
11,900.00	7,850.00	7,822.50	7,378.87	103.35	49.72	-8.99	2,563.56	-306.83	3,392.26	3,291.74	100.52	33.748		
12,000.00	7,850.00	7,800.00	7,357.90	105.87	49.56	-7.72	2,555.73	-304.55	3,491.72	3,391.38	100.34	34.798		
12,100.00	7,850.00	7,800.00	7,357.90	108.40	49.56	-7.72	2,555.73	-304.55	3,590.73	3,490.33	100.40	35.764		
12,200.00	7,850.00	7,800.00	7,357.90	110.94	49.56	-7.72	2,555.73	-304.55	3,689.79	3,589.34	100.46	36.730		
12,300.00	7,850.00	7,800.00	7,357.90	113.48	49.56	-7.72	2,555.73	-304.55	3,788.90	3,688.40	100.51	37.697		
12,400.00	7,850.00	7,800.00	7,357.90	116.04	49.56	-7.72	2,555.73	-304.55	3,888.06	3,787.50	100.56	38.665		
12,500.00	7,850.00	7,800.00	7,357.90	118.59	49.56	-7.72	2,555.73	-304.55	3,987.26	3,886.65	100.61	39.632		
12,600.00	7,850.00	7,800.00	7,357.90	121.16	49.56	-7.72	2,555.73	-304.55	4,086.50	3,985.84	100.65	40.600		
12,700.00	7,850.00	7,800.00	7,357.90	123.73	49.56	-7.72	2,555.73	-304.55	4,185.77	4,085.07	100.70	41.568		
12,800.00	7,850.00	7,800.00	7,357.90	126.30	49.56	-7.72	2,555.73	-304.55	4,285.08	4,184.34	100.74	42.535		
12,900.00	7,850.00	7,800.00	7,357.90	128.88	49.56	-7.72	2,555.73	-304.55	4,384.42	4,283.64	100.78	43.503		
13,000.00	7,850.00	7,800.00	7,357.90	131.46	49.56	-7.72	2,555.73	-304.55	4,483.79	4,382.96	100.83	44.471		
13,100.00	7,850.00	7,800.00	7,357.90	134.05	49.56	-7.72	2,555.73	-304.55	4,583.19	4,482.32	100.87	45.438		
13,200.00	7,850.00	7,800.00	7,357.90	136.64	49.56	-7.72	2,555.73	-304.55	4,682.61	4,581.70	100.91	46.405		
13,300.00	7,850.00	7,800.00	7,357.90	139.24	49.56	-7.72	2,555.73	-304.55	4,782.05	4,681.11	100.95	47.373		
13,400.00	7,850.00	7,800.00	7,357.90	141.84	49.56	-7.72	2,555.73	-304.55	4,881.52	4,780.54	100.98	48.339		
13,500.00	7,850.00	7,800.00	7,357.90	144.44	49.56	-7.72	2,555.73	-304.55	4,981.01	4,879.99	101.02	49.306		
13,600.00	7,850.00	7,800.00	7,357.90	147.05	49.56	-7.72	2,555.73	-304.55	5,080.52	4,979.46	101.06	50.272		
13,700.00	7,850.00	7,800.00	7,357.90	149.66	49.56	-7.72	2,555.73	-304.55	5,180.05	5,078.95	101.10	51.238		
13,800.00	7,850.00	7,800.00	7,357.90	152.27	49.56	-7.72	2,555.73	-304.55	5,279.60	5,178.46	101.14	52.203		
13,900.00	7,850.00	7,800.00	7,357.90	154.88	49.56	-7.72	2,555.73	-304.55	5,379.16	5,277.99	101.17	53.168		
14,000.00	7,850.00	7,800.00	7,357.90	157.50	49.56	-7.72	2,555.73	-304.55	5,478.74	5,377.53	101.21	54.132		
14,100.00	7,850.00	7,800.00	7,357.90	160.12	49.56	-7.72	2,555.73	-304.55	5,578.34	5,477.09	101.25	55.096		
14,200.00	7,850.00	7,800.00	7,357.90	162.74	49.56	-7.72	2,555.73	-304.55	5,677.95	5,576.66	101.28	56.060		
14,300.00	7,850.00	7,800.00	7,357.90	165.36	49.56	-7.72	2,555.73	-304.55	5,777.57	5,676.25	101.32	57.022		
14,400.00	7,850.00	7,800.00	7,357.90	167.99	49.56	-7.72	2,555.73	-304.55	5,877.20	5,775.84	101.36	57.985		
14,500.00	7,850.00	7,800.00	7,357.90	170.62	49.56	-7.72	2,555.73	-304.55	5,976.85	5,875.46	101.40	58.946		
14,600.00	7,850.00	7,800.00	7,357.90	173.25	49.56	-7.72	2,555.73	-304.55	6,076.51	5,975.08	101.43	59.907		
14,700.00	7,850.00	7,800.00	7,357.90	175.88	49.56	-7.72	2,555.73	-304.55	6,176.18	6,074.71	101.47	60.867		
14,800.00	7,850.00	7,800.00	7,357.90	178.52	49.56	-7.72	2,555.73	-304.55	6,275.86	6,174.35	101.51	61.827		
14,900.00	7,850.00	7,800.00	7,357.90	181.15	49.56	-7.72	2,555.73	-304.55	6,375.55	6,274.01	101.54	62.786		
15,000.00	7,850.00	7,800.00	7,357.90	183.79	49.56	-7.72	2,555.73	-304.55	6,475.25	6,373.67	101.58	63.744		
15,100.00	7,850.00	7,800.00	7,357.90	186.43	49.56	-7.72	2,555.73	-304.55	6,574.96	6,473.34	101.62	64.701		
15,200.00	7,850.00	7,800.00	7,357.90	189.07	49.56	-7.72	2,555.73	-304.55	6,674.68	6,573.02	101.66	65.658		
15,300.00	7,850.00	7,789.86	7,348.43	191.71	49.49	-7.18	2,552.20	-303.81	6,774.31	6,672.70	101.61	66.671		
15,400.00	7,850.00	7,789.35	7,347.95	194.36	49.49	-7.16	2,552.02	-303.78	6,874.03	6,772.39	101.64	67.630		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
15,500.00	7,850.00	7,788.85	7,347.49	197.00	49.48	-7.13	2,551.85	-303.74	6,973.76	6,872.09	101.68	68.588		
15,600.00	7,850.00	7,788.37	7,347.04	199.65	49.48	-7.11	2,551.68	-303.71	7,073.50	6,971.79	101.71	69.545		
15,700.00	7,850.00	7,787.90	7,346.60	202.30	49.48	-7.08	2,551.51	-303.69	7,173.25	7,071.50	101.75	70.501		
15,800.00	7,850.00	7,777.72	7,337.07	204.94	49.41	-6.56	2,547.96	-303.16	7,273.09	7,171.39	101.70	71.517		
15,900.00	7,850.00	7,777.72	7,337.07	207.59	49.41	-6.56	2,547.96	-303.16	7,372.84	7,271.10	101.74	72.469		
16,000.00	7,850.00	7,777.72	7,337.07	210.25	49.41	-6.56	2,547.96	-303.16	7,472.59	7,370.82	101.78	73.420		
16,100.00	7,850.00	7,777.72	7,337.07	212.90	49.41	-6.56	2,547.96	-303.16	7,572.36	7,470.54	101.82	74.370		
16,200.00	7,850.00	7,777.72	7,337.07	215.55	49.41	-6.56	2,547.96	-303.16	7,672.13	7,570.27	101.86	75.320		
16,300.00	7,850.00	7,777.72	7,337.07	218.20	49.41	-6.56	2,547.96	-303.16	7,771.90	7,670.00	101.90	76.268		
16,400.00	7,850.00	7,777.72	7,337.07	220.86	49.41	-6.56	2,547.96	-303.16	7,871.68	7,769.74	101.94	77.216		
16,500.00	7,850.00	7,777.72	7,337.07	223.52	49.41	-6.56	2,547.96	-303.16	7,971.47	7,869.49	101.99	78.162		
16,600.00	7,850.00	7,777.72	7,337.07	226.17	49.41	-6.56	2,547.96	-303.16	8,071.26	7,969.24	102.03	79.108		
16,700.00	7,850.00	7,777.72	7,337.07	228.83	49.41	-6.56	2,547.96	-303.16	8,171.06	8,068.99	102.07	80.052		
16,800.00	7,850.00	7,777.72	7,337.07	231.49	49.41	-6.56	2,547.96	-303.16	8,270.86	8,168.75	102.11	80.996		
16,900.00	7,850.00	7,777.72	7,337.07	234.15	49.41	-6.56	2,547.96	-303.16	8,370.67	8,268.51	102.16	81.938		
17,000.00	7,850.00	7,777.72	7,337.07	236.81	49.41	-6.56	2,547.96	-303.16	8,470.48	8,368.28	102.20	82.880		
17,100.00	7,850.00	7,777.72	7,337.07	239.47	49.41	-6.56	2,547.96	-303.16	8,570.30	8,468.05	102.25	83.820		
17,200.00	7,850.00	7,777.72	7,337.07	242.13	49.41	-6.56	2,547.96	-303.16	8,670.12	8,567.83	102.29	84.759		
17,300.00	7,850.00	7,777.72	7,337.07	244.79	49.41	-6.56	2,547.96	-303.16	8,769.94	8,667.60	102.34	85.697		
17,400.00	7,850.00	7,777.72	7,337.07	247.46	49.41	-6.56	2,547.96	-303.16	8,869.77	8,767.39	102.38	86.634		
17,500.00	7,850.00	7,777.72	7,337.07	250.12	49.41	-6.56	2,547.96	-303.16	8,969.60	8,867.17	102.43	87.570		
17,600.00	7,850.00	7,777.72	7,337.07	252.79	49.41	-6.56	2,547.96	-303.16	9,069.44	8,966.96	102.47	88.505		
17,700.00	7,850.00	7,777.72	7,337.07	255.45	49.41	-6.56	2,547.96	-303.16	9,169.28	9,066.75	102.52	89.438		
17,800.00	7,850.00	7,777.72	7,337.07	258.12	49.41	-6.56	2,547.96	-303.16	9,269.12	9,166.55	102.57	90.371		
17,900.00	7,850.00	7,777.72	7,337.07	260.78	49.41	-6.56	2,547.96	-303.16	9,368.96	9,266.35	102.62	91.302		
18,000.00	7,850.00	7,777.72	7,337.07	263.45	49.41	-6.56	2,547.96	-303.16	9,468.81	9,366.15	102.66	92.232		
18,100.00	7,850.00	7,777.72	7,337.07	266.12	49.41	-6.56	2,547.96	-303.16	9,568.67	9,465.95	102.71	93.161		
18,200.00	7,850.00	7,777.72	7,337.07	268.79	49.41	-6.56	2,547.96	-303.16	9,668.52	9,565.76	102.76	94.088		
18,300.00	7,850.00	7,777.72	7,337.07	271.45	49.41	-6.56	2,547.96	-303.16	9,768.38	9,665.57	102.81	95.015		
18,400.00	7,850.00	7,777.72	7,337.07	274.12	49.41	-6.56	2,547.96	-303.16	9,868.24	9,765.38	102.86	95.940		
18,500.00	7,850.00	7,777.72	7,337.07	276.79	49.41	-6.56	2,547.96	-303.16	9,968.10	9,865.20	102.91	96.864		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.80	0.80	0.00	0.00	0.27	60.10	0.28	60.11					
100.00	100.00	100.80	100.80	0.13	0.14	0.27	60.10	0.28	60.11	59.83	0.27	221.201		
200.00	200.00	200.80	200.80	0.49	0.50	0.27	60.10	0.28	60.11	59.12	0.99	60.794		
300.00	299.98	299.07	299.05	0.85	0.85	18.91	61.53	-0.66	59.91	58.21	1.70	35.231		
400.00	399.84	397.34	397.18	1.22	1.21	17.82	65.77	-3.46	59.29	56.87	2.41	24.554		
500.00	499.45	503.29	496.25	1.59	1.60	16.32	72.30	-7.77	57.66	54.50	3.16	18.240		
600.00	598.70	603.41	595.80	1.97	1.97	15.59	79.03	-12.21	52.89	49.00	3.90	13.580		
700.00	697.47	703.74	695.14	2.38	2.35	15.87	85.75	-16.65	44.78	40.14	4.64	9.655		
800.00	795.62	804.41	794.14	2.82	2.73	17.95	92.44	-21.07	33.34	27.94	5.39	6.181		
900.00	893.06	894.46	892.69	3.29	3.07	26.18	99.11	-25.46	18.82	12.67	6.15	3.060		
996.57	986.34	989.39	987.32	3.79	3.43	95.79	105.50	-29.69	6.32	-0.87	7.19	0.879 Level 1, CC		
1,000.00	989.64	1,007.25	990.67	3.80	3.49	101.86	105.73	-29.84	6.36	-0.89	7.25	0.877 Level 1, ES, SF		
1,100.00	1,085.27	1,109.65	1,087.95	4.35	3.88	169.22	112.31	-34.18	23.37	15.73	7.63	3.062		
1,200.00	1,179.82	1,187.14	1,184.42	4.95	4.18	177.14	118.83	-38.48	48.09	39.79	8.30	5.791		
1,300.00	1,273.63	1,283.36	1,280.32	5.58	4.54	179.70	125.31	-42.76	75.20	66.15	9.05	8.306		
1,400.00	1,367.44	1,379.57	1,376.22	6.22	4.91	-179.09	131.80	-47.04	102.41	92.61	9.80	10.448		
1,500.00	1,461.25	1,475.78	1,472.12	6.87	5.27	-178.39	138.28	-51.32	129.65	119.09	10.55	12.283		
1,600.00	1,555.06	1,571.99	1,568.01	7.52	5.64	-177.94	144.77	-55.60	156.89	145.58	11.31	13.872		
1,700.00	1,648.86	1,668.20	1,663.91	8.18	6.00	-177.62	151.25	-59.88	184.15	172.08	12.07	15.260		
1,800.00	1,742.67	1,764.41	1,759.81	8.84	6.37	-177.38	157.73	-64.16	211.40	198.57	12.83	16.482		
1,900.00	1,836.48	1,860.62	1,855.70	9.51	6.74	-177.20	164.22	-68.44	238.66	225.07	13.59	17.565		
2,000.00	1,930.29	1,956.83	1,951.60	10.18	7.10	-177.05	170.70	-72.72	265.92	251.57	14.35	18.532		
2,100.00	2,024.10	2,053.04	2,047.50	10.85	7.47	-176.93	177.19	-77.00	293.18	278.07	15.11	19.399		
2,200.00	2,117.90	2,149.25	2,143.39	11.52	7.83	-176.83	183.67	-81.28	320.45	304.57	15.88	20.182		
2,300.00	2,211.71	2,245.46	2,239.29	12.19	8.20	-176.75	190.15	-85.56	347.71	331.07	16.64	20.892		
2,400.00	2,305.52	2,341.67	2,335.18	12.87	8.57	-176.68	196.64	-89.84	374.97	357.56	17.41	21.539		
2,500.00	2,399.33	2,437.88	2,431.08	13.54	8.93	-176.62	203.12	-94.12	402.24	384.06	18.18	22.131		
2,600.00	2,493.13	2,534.10	2,526.98	14.22	9.30	-176.56	209.60	-98.40	429.50	410.56	18.94	22.674		
2,700.00	2,586.94	2,630.31	2,622.87	14.89	9.66	-176.51	216.09	-102.68	456.77	437.06	19.71	23.174		
2,800.00	2,680.75	2,726.52	2,718.77	15.57	10.03	-176.47	222.57	-106.96	484.03	463.56	20.48	23.636		
2,900.00	2,774.56	2,822.73	2,814.67	16.25	10.40	-176.44	229.06	-111.24	511.30	490.05	21.25	24.064		
3,000.00	2,868.36	2,918.94	2,910.56	16.93	10.76	-176.40	235.54	-115.52	538.57	516.55	22.02	24.462		
3,100.00	2,962.17	3,015.15	3,006.46	17.61	11.13	-176.37	242.02	-119.80	565.83	543.05	22.79	24.832		
3,200.00	3,055.98	3,111.36	3,102.36	18.28	11.49	-176.34	248.51	-124.08	593.10	569.54	23.56	25.178		
3,300.00	3,149.79	3,207.57	3,198.25	18.96	11.86	-176.32	254.99	-128.37	620.36	596.04	24.33	25.502		
3,400.00	3,243.60	3,303.78	3,294.15	19.64	12.23	-176.29	261.47	-132.65	647.63	622.54	25.10	25.806		
3,500.00	3,337.40	3,400.01	3,390.04	20.32	12.59	-176.27	267.96	-136.93	674.90	649.03	25.87	26.091		
3,600.00	3,431.21	3,503.80	3,485.94	21.00	12.99	-176.25	274.44	-141.21	702.16	675.50	26.67	26.333		
3,700.00	3,525.02	3,607.59	3,581.84	21.68	13.38	-176.24	280.93	-145.49	729.43	701.97	27.46	26.560		
3,800.00	3,618.83	3,688.62	3,677.73	22.36	13.69	-176.22	287.41	-149.77	756.70	728.52	28.18	26.853		
3,900.00	3,712.63	3,784.83	3,773.63	23.04	14.06	-176.20	293.89	-154.05	783.97	755.01	28.95	27.079		
4,000.00	3,806.44	3,881.04	3,869.53	23.72	14.42	-176.19	300.38	-158.33	811.23	781.51	29.72	27.294		
4,100.00	3,900.25	3,977.25	3,965.42	24.41	14.79	-176.18	306.86	-162.61	838.50	808.01	30.49	27.497		
4,200.00	3,994.06	4,073.46	4,061.32	25.09	15.16	-176.16	313.35	-166.89	865.77	834.50	31.27	27.691		
4,300.00	4,087.86	4,169.68	4,157.22	25.77	15.52	-176.15	319.83	-171.17	893.03	861.00	32.04	27.874		
4,400.00	4,181.67	4,265.89	4,253.11	26.45	15.89	-176.14	326.31	-175.45	920.30	887.49	32.81	28.049		
4,500.00	4,275.48	4,362.10	4,349.01	27.13	16.25	-176.13	332.80	-179.73	947.57	913.99	33.58	28.216		
4,600.00	4,369.29	4,458.31	4,444.90	27.81	16.62	-176.12	339.28	-184.01	974.83	940.48	34.35	28.376		
4,700.00	4,463.10	4,554.52	4,540.80	28.49	16.99	-176.11	345.76	-188.29	1,002.10	966.97	35.13	28.528		
4,800.00	4,556.90	4,650.73	4,636.70	29.17	17.35	-176.10	352.25	-192.57	1,029.37	993.47	35.90	28.673		
4,900.00	4,650.71	4,746.94	4,732.59	29.86	17.72	-176.09	358.73	-196.85	1,056.64	1,019.96	36.67	28.813		
5,000.00	4,744.52	4,843.15	4,828.49	30.54	18.09	-176.08	365.22	-201.13	1,083.90	1,046.46	37.45	28.946		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,100.00	4,838.33	4,939.36	4,924.39	31.22	18.45	-176.08	371.70	-205.41	1,111.17	1,072.95	38.22	29.074		
5,200.00	4,932.13	5,035.57	5,020.28	31.90	18.82	-176.07	378.18	-209.69	1,138.44	1,099.45	38.99	29.197		
5,300.00	5,025.94	5,131.78	5,116.18	32.58	19.18	-176.06	384.67	-213.97	1,165.71	1,125.94	39.76	29.315		
5,400.00	5,119.75	5,227.99	5,212.08	33.26	19.55	-176.05	391.15	-218.25	1,192.97	1,152.43	40.54	29.428		
5,500.00	5,213.56	5,324.20	5,307.97	33.95	19.92	-176.05	397.64	-222.53	1,220.24	1,178.93	41.31	29.537		
5,600.00	5,307.36	5,420.41	5,403.87	34.63	20.28	-176.04	404.12	-226.81	1,247.51	1,205.42	42.09	29.642		
5,700.00	5,401.17	5,516.62	5,499.77	35.31	20.65	-176.04	410.60	-231.09	1,274.77	1,231.92	42.86	29.744		
5,800.00	5,494.98	5,612.83	5,595.66	35.99	21.02	-176.03	417.09	-235.37	1,302.04	1,258.41	43.63	29.841		
5,900.00	5,588.79	5,709.04	5,691.56	36.68	21.38	-176.03	423.57	-239.65	1,329.31	1,284.90	44.41	29.935		
6,000.00	5,682.59	5,805.26	5,787.45	37.36	21.75	-176.02	430.05	-243.93	1,356.58	1,311.40	45.18	30.026		
6,100.00	5,776.40	5,901.47	5,883.35	38.04	22.11	-176.02	436.54	-248.21	1,383.84	1,337.89	45.95	30.113		
6,200.00	5,870.21	6,002.32	5,979.25	38.72	22.50	-176.01	443.02	-252.49	1,411.11	1,364.37	46.75	30.187		
6,300.00	5,964.02	6,093.89	6,075.14	39.40	22.85	-176.01	449.51	-256.77	1,438.38	1,390.88	47.50	30.280		
6,400.00	6,057.83	6,209.90	6,171.04	40.09	23.29	-176.00	455.99	-261.05	1,465.65	1,417.30	48.35	30.313		
6,500.00	6,151.63	6,286.31	6,266.94	40.77	23.58	-176.00	462.47	-265.33	1,492.91	1,443.86	49.05	30.435		
6,600.00	6,245.44	6,382.52	6,362.83	41.45	23.95	-175.99	468.96	-269.61	1,520.18	1,470.36	49.83	30.510		
6,700.00	6,339.25	6,478.73	6,458.73	42.13	24.31	-175.99	475.44	-273.89	1,547.45	1,496.85	50.60	30.581		
6,800.00	6,433.06	6,574.94	6,554.63	42.82	24.68	-175.99	481.92	-278.17	1,574.72	1,523.34	51.38	30.651		
6,900.00	6,526.86	6,671.15	6,650.52	43.50	25.04	-175.98	488.41	-282.45	1,601.98	1,549.83	52.15	30.718		
7,000.00	6,620.67	6,767.36	6,746.42	44.18	25.41	-175.98	494.89	-286.73	1,629.25	1,576.33	52.93	30.784		
7,100.00	6,714.48	6,863.57	6,842.31	44.86	25.78	-175.98	501.38	-291.01	1,656.52	1,602.82	53.70	30.847		
7,200.00	6,808.29	6,959.78	6,938.21	45.55	26.14	-175.97	507.86	-295.29	1,683.79	1,629.31	54.48	30.909		
7,300.00	6,902.09	7,055.99	7,034.11	46.23	26.51	-175.97	514.34	-299.57	1,711.05	1,655.80	55.25	30.969		
7,400.00	6,995.90	7,152.20	7,130.00	46.91	26.88	-175.97	520.83	-303.85	1,738.32	1,682.29	56.03	31.027		
7,500.00	7,089.71	7,248.41	7,225.90	47.59	27.24	-175.96	527.31	-308.13	1,765.59	1,708.79	56.80	31.083		
7,600.00	7,183.52	7,344.62	7,321.40	48.28	27.61	-175.95	533.79	-312.41	1,792.86	1,735.06	57.58	31.139		
7,700.00	7,277.33	7,440.83	7,417.59	48.96	27.98	-175.94	540.27	-316.69	1,820.13	1,762.33	58.36	31.195		
7,800.00	7,371.14	7,537.04	7,513.80	49.65	28.35	-175.93	546.75	-320.97	1,847.40	1,789.60	59.14	31.251		
7,900.00	7,464.95	7,633.25	7,610.01	50.33	28.72	-175.92	553.23	-325.25	1,874.67	1,816.87	59.92	31.307		
8,000.00	7,558.76	7,729.46	7,706.22	51.02	29.09	-175.91	559.71	-329.53	1,901.94	1,844.14	60.70	31.363		
8,100.00	7,652.57	7,825.67	7,802.43	51.70	29.46	-175.90	566.19	-333.81	1,929.21	1,871.41	61.48	31.419		
8,200.00	7,746.38	7,921.88	7,898.64	52.39	29.83	-175.89	572.67	-338.09	1,956.48	1,898.68	62.26	31.475		
8,300.00	7,840.19	8,018.09	8,000.00	53.07	30.20	-175.88	579.15	-342.37	1,983.75	1,925.95	63.04	31.531		
8,400.00	7,933.99	8,114.30	8,100.00	53.76	30.57	-175.87	585.63	-346.65	2,011.02	1,953.22	63.82	31.587		
8,500.00	8,027.80	8,210.51	8,200.00	54.44	30.94	-175.86	592.11	-350.93	2,038.29	1,980.49	64.60	31.643		
8,600.00	8,121.61	8,306.72	8,300.00	55.13	31.31	-175.85	598.59	-355.21	2,065.56	2,007.76	65.38	31.699		
8,700.00	8,215.42	8,402.93	8,400.00	55.81	31.68	-175.84	605.07	-359.49	2,092.83	2,035.03	66.16	31.755		
8,800.00	8,309.23	8,499.14	8,500.00	56.50	32.05	-175.83	611.55	-363.77	2,120.10	2,062.30	66.94	31.811		
8,900.00	8,403.04	8,595.35	8,600.00	57.18	32.42	-175.82	618.03	-368.05	2,147.37	2,089.57	67.72	31.867		
9,000.00	8,496.85	8,691.56	8,700.00	57.87	32.79	-175.81	624.51	-372.33	2,174.64	2,116.84	68.50	31.923		
9,100.00	8,590.66	8,787.77	8,800.00	58.55	33.16	-175.80	631.00	-376.61	2,201.91	2,144.11	69.28	31.979		
9,200.00	8,684.47	8,883.98	8,900.00	59.24	33.53	-175.79	637.48	-380.89	2,229.18	2,171.38	70.06	32.035		
9,300.00	8,778.28	8,980.19	9,000.00	59.92	33.90	-175.78	643.96	-385.17	2,256.45	2,198.65	70.84	32.091		
9,400.00	8,872.09	9,076.40	9,100.00	60.61	34.27	-175.77	650.44	-389.45	2,283.72	2,225.92	71.62	32.147		
9,500.00	8,965.90	9,172.61	9,200.00	61.29	34.64	-175.76	656.92	-393.73	2,311.00	2,253.19	72.40	32.203		
9,600.00	9,059.71	9,268.82	9,300.00	61.98	35.01	-175.75	663.40	-398.01	2,338.27	2,280.46	73.18	32.259		
9,700.00	9,153.52	9,365.03	9,400.00	62.66	35.38	-175.74	669.88	-402.29	2,365.54	2,307.73	73.96	32.315		
9,800.00	9,247.33	9,461.24	9,500.00	63.35	35.75	-175.73	676.36	-406.57	2,392.81	2,335.00	74.74	32.371		
9,900.00	9,341.14	9,557.45	9,600.00	64.03	36.12	-175.72	682.84	-410.85	2,420.08	2,362.27	75.52	32.427		
10,000.00	9,434.95	9,653.66	9,700.00	64.72	36.49	-175.71	689.32	-415.13	2,447.35	2,389.54	76.30	32.483		
10,100.00	9,528.76	9,749.87	9,800.00	65.40	36.86	-175.70	695.80	-419.41	2,474.62	2,416.81	77.08	32.539		
10,200.00	9,622.57	9,846.08	9,900.00	66.09	37.23	-175.69	702.28	-423.69	2,501.89	2,444.08	77.86	32.595		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	7,400.00	7,374.70	64.88	27.87	76.29	537.36	-332.71	2,678.61	2,600.05	78.56	34.096		
10,400.00	7,850.00	7,400.00	7,374.70	67.11	27.87	76.29	537.36	-332.71	2,745.78	2,666.51	79.28	34.635		
10,500.00	7,850.00	7,400.00	7,374.70	69.38	27.87	76.29	537.36	-332.71	2,814.91	2,734.97	79.94	35.212		
10,600.00	7,850.00	7,400.00	7,374.70	71.68	27.87	76.29	537.36	-332.71	2,885.84	2,805.29	80.55	35.826		
10,700.00	7,850.00	7,400.00	7,374.70	74.00	27.87	76.29	537.36	-332.71	2,958.45	2,877.33	81.11	36.473		
10,800.00	7,850.00	7,400.00	7,374.70	76.36	27.87	76.29	537.36	-332.71	3,032.62	2,950.99	81.63	37.150		
10,900.00	7,850.00	7,378.31	7,353.88	78.73	27.77	75.72	535.95	-326.80	3,107.84	3,025.88	81.96	37.921		
11,000.00	7,850.00	7,373.65	7,349.38	81.13	27.75	75.60	535.65	-325.63	3,184.60	3,102.23	82.37	38.662		
11,100.00	7,850.00	7,350.00	7,326.40	83.54	27.65	74.98	534.10	-320.27	3,262.92	3,180.30	82.62	39.493		
11,200.00	7,850.00	7,350.00	7,326.40	85.97	27.65	74.98	534.10	-320.27	3,341.93	3,258.92	83.01	40.260		
11,300.00	7,850.00	7,350.00	7,326.40	88.42	27.65	74.98	534.10	-320.27	3,422.04	3,338.67	83.37	41.048		
11,400.00	7,850.00	7,350.00	7,326.40	90.88	27.65	74.98	534.10	-320.27	3,503.17	3,419.48	83.70	41.855		
11,500.00	7,850.00	7,350.00	7,326.40	93.35	27.65	74.98	534.10	-320.27	3,585.26	3,501.26	84.00	42.680		
11,600.00	7,850.00	7,350.00	7,326.40	95.83	27.65	74.98	534.10	-320.27	3,668.24	3,583.95	84.29	43.521		
11,700.00	7,850.00	7,350.00	7,326.40	98.33	27.65	74.98	534.10	-320.27	3,752.04	3,667.50	84.55	44.377		
11,800.00	7,850.00	7,350.00	7,326.40	100.83	27.65	74.98	534.10	-320.27	3,836.63	3,751.84	84.79	45.248		
11,900.00	7,850.00	7,350.00	7,326.40	103.35	27.65	74.98	534.10	-320.27	3,921.93	3,836.92	85.02	46.132		
12,000.00	7,850.00	7,350.00	7,326.40	105.87	27.65	74.98	534.10	-320.27	4,007.92	3,922.70	85.23	47.027		
12,100.00	7,850.00	7,350.00	7,326.40	108.40	27.65	74.98	534.10	-320.27	4,094.55	4,009.13	85.42	47.935		
12,200.00	7,850.00	7,350.00	7,326.40	110.94	27.65	74.98	534.10	-320.27	4,181.77	4,096.17	85.60	48.852		
12,300.00	7,850.00	7,350.00	7,326.40	113.48	27.65	74.98	534.10	-320.27	4,269.55	4,183.78	85.77	49.780		
12,400.00	7,850.00	7,350.00	7,326.40	116.04	27.65	74.98	534.10	-320.27	4,357.86	4,271.93	85.93	50.716		
12,500.00	7,850.00	7,327.41	7,304.26	118.59	27.56	74.39	532.61	-316.04	4,446.20	4,360.22	85.98	51.711		
12,600.00	7,850.00	7,325.35	7,302.24	121.16	27.55	74.34	532.47	-315.70	4,535.38	4,449.27	86.11	52.668		
12,700.00	7,850.00	7,323.39	7,300.30	123.73	27.54	74.29	532.34	-315.38	4,625.00	4,538.76	86.24	53.631		
12,800.00	7,850.00	7,321.50	7,298.44	126.30	27.53	74.24	532.21	-315.07	4,715.02	4,628.67	86.35	54.601		
12,900.00	7,850.00	7,300.00	7,277.20	128.88	27.44	73.67	530.78	-312.08	4,805.79	4,719.40	86.39	55.631		
13,000.00	7,850.00	7,300.00	7,277.20	131.46	27.44	73.67	530.78	-312.08	4,896.51	4,810.01	86.50	56.608		
13,100.00	7,850.00	7,300.00	7,277.20	134.05	27.44	73.67	530.78	-312.08	4,987.59	4,900.99	86.60	57.590		
13,200.00	7,850.00	7,300.00	7,277.20	136.64	27.44	73.67	530.78	-312.08	5,079.01	4,992.30	86.71	58.578		
13,300.00	7,850.00	7,300.00	7,277.20	139.24	27.44	73.67	530.78	-312.08	5,170.74	5,083.94	86.80	59.571		
13,400.00	7,850.00	7,300.00	7,277.20	141.84	27.44	73.67	530.78	-312.08	5,262.77	5,175.88	86.89	60.568		
13,500.00	7,850.00	7,300.00	7,277.20	144.44	27.44	73.67	530.78	-312.08	5,355.09	5,268.11	86.98	61.570		
13,600.00	7,850.00	7,300.00	7,277.20	147.05	27.44	73.67	530.78	-312.08	5,447.68	5,360.62	87.06	62.576		
13,700.00	7,850.00	7,300.00	7,277.20	149.66	27.44	73.67	530.78	-312.08	5,540.53	5,453.39	87.13	63.586		
13,800.00	7,850.00	7,300.00	7,277.20	152.27	27.44	73.67	530.78	-312.08	5,633.62	5,546.41	87.21	64.599		
13,900.00	7,850.00	7,300.00	7,277.20	154.88	27.44	73.67	530.78	-312.08	5,726.94	5,639.66	87.28	65.616		
14,000.00	7,850.00	7,300.00	7,277.20	157.50	27.44	73.67	530.78	-312.08	5,820.49	5,733.14	87.35	66.636		
14,100.00	7,850.00	7,300.00	7,277.20	160.12	27.44	73.67	530.78	-312.08	5,914.25	5,826.84	87.41	67.659		
14,200.00	7,850.00	7,300.00	7,277.20	162.74	27.44	73.67	530.78	-312.08	6,008.21	5,920.73	87.48	68.685		
14,300.00	7,850.00	7,300.00	7,277.20	165.36	27.44	73.67	530.78	-312.08	6,102.36	6,014.82	87.54	69.713		
14,400.00	7,850.00	7,300.00	7,277.20	167.99	27.44	73.67	530.78	-312.08	6,196.69	6,109.10	87.59	70.743		
14,500.00	7,850.00	7,300.00	7,277.20	170.62	27.44	73.67	530.78	-312.08	6,291.20	6,203.55	87.65	71.776		
14,600.00	7,850.00	7,300.00	7,277.20	173.25	27.44	73.67	530.78	-312.08	6,385.88	6,298.18	87.70	72.811		
14,700.00	7,850.00	7,300.00	7,277.20	175.88	27.44	73.67	530.78	-312.08	6,480.72	6,392.96	87.76	73.848		
14,800.00	7,850.00	7,300.00	7,277.20	178.52	27.44	73.67	530.78	-312.08	6,575.71	6,487.90	87.81	74.886		
14,900.00	7,850.00	7,300.00	7,277.20	181.15	27.44	73.67	530.78	-312.08	6,670.84	6,582.98	87.86	75.926		
15,000.00	7,850.00	7,300.00	7,277.20	183.79	27.44	73.67	530.78	-312.08	6,766.12	6,678.21	87.91	76.968		
15,100.00	7,850.00	7,300.00	7,277.20	186.43	27.44	73.67	530.78	-312.08	6,861.53	6,773.57	87.96	78.011		
15,200.00	7,850.00	7,300.00	7,277.20	189.07	27.44	73.67	530.78	-312.08	6,957.07	6,869.07	88.00	79.055		
15,300.00	7,850.00	7,300.00	7,277.20	191.71	27.44	73.67	530.78	-312.08	7,052.73	6,964.69	88.05	80.100		
15,400.00	7,850.00	7,300.00	7,277.20	194.36	27.44	73.67	530.78	-312.08	7,148.52	7,060.42	88.09	81.147		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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 Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,850.00	7,300.00	7,277.20	197.00	27.44	73.67	530.78	-312.08	7,244.41	7,156.27	88.14	82.194		
15,600.00	7,850.00	7,300.00	7,277.20	199.65	27.44	73.67	530.78	-312.08	7,340.42	7,252.24	88.18	83.242		
15,700.00	7,850.00	7,300.00	7,277.20	202.30	27.44	73.67	530.78	-312.08	7,436.53	7,348.31	88.22	84.291		
15,800.00	7,850.00	7,300.00	7,277.20	204.94	27.44	73.67	530.78	-312.08	7,532.74	7,444.48	88.27	85.341		
15,900.00	7,850.00	7,300.00	7,277.20	207.59	27.44	73.67	530.78	-312.08	7,629.05	7,540.74	88.31	86.391		
16,000.00	7,850.00	7,300.00	7,277.20	210.25	27.44	73.67	530.78	-312.08	7,725.45	7,637.11	88.35	87.442		
16,100.00	7,850.00	7,300.00	7,277.20	212.90	27.44	73.67	530.78	-312.08	7,821.95	7,733.56	88.39	88.493		
16,200.00	7,850.00	7,300.00	7,277.20	215.55	27.44	73.67	530.78	-312.08	7,918.53	7,830.10	88.43	89.545		
16,300.00	7,850.00	7,300.00	7,277.20	218.20	27.44	73.67	530.78	-312.08	8,015.19	7,926.72	88.47	90.596		
16,400.00	7,850.00	7,300.00	7,277.20	220.86	27.44	73.67	530.78	-312.08	8,111.94	8,023.43	88.51	91.648		
16,500.00	7,850.00	7,300.00	7,277.20	223.52	27.44	73.67	530.78	-312.08	8,208.76	8,120.21	88.55	92.700		
16,600.00	7,850.00	7,300.00	7,277.20	226.17	27.44	73.67	530.78	-312.08	8,305.66	8,217.07	88.59	93.752		
16,700.00	7,850.00	7,300.00	7,277.20	228.83	27.44	73.67	530.78	-312.08	8,402.63	8,314.00	88.63	94.805		
16,800.00	7,850.00	7,300.00	7,277.20	231.49	27.44	73.67	530.78	-312.08	8,499.67	8,411.00	88.67	95.857		
16,900.00	7,850.00	7,300.00	7,277.20	234.15	27.44	73.67	530.78	-312.08	8,596.78	8,508.07	88.71	96.909		
17,000.00	7,850.00	7,279.51	7,256.86	236.81	27.36	73.14	529.40	-309.98	8,693.58	8,604.87	88.71	98.004		
17,100.00	7,850.00	7,278.97	7,256.33	239.47	27.36	73.12	529.37	-309.93	8,790.79	8,702.05	88.75	99.056		
17,200.00	7,850.00	7,278.45	7,255.81	242.13	27.36	73.11	529.33	-309.89	8,888.07	8,799.29	88.78	100.109		
17,300.00	7,850.00	7,277.94	7,255.31	244.79	27.36	73.10	529.30	-309.85	8,985.41	8,896.59	88.82	101.161		
17,400.00	7,850.00	7,277.44	7,254.81	247.46	27.35	73.08	529.27	-309.81	9,082.81	8,993.95	88.86	102.213		
17,500.00	7,850.00	7,276.95	7,254.32	250.12	27.35	73.07	529.23	-309.77	9,180.26	9,091.36	88.90	103.265		
17,600.00	7,850.00	7,256.28	7,233.75	252.79	27.27	72.53	527.84	-308.48	9,278.14	9,189.24	88.90	104.370		
17,700.00	7,850.00	7,256.28	7,233.75	255.45	27.27	72.53	527.84	-308.48	9,375.68	9,286.74	88.94	105.419		
17,800.00	7,850.00	7,256.28	7,233.75	258.12	27.27	72.53	527.84	-308.48	9,473.27	9,384.29	88.98	106.468		
17,900.00	7,850.00	7,256.28	7,233.75	260.78	27.27	72.53	527.84	-308.48	9,570.91	9,481.89	89.02	107.516		
18,000.00	7,850.00	7,256.28	7,233.75	263.45	27.27	72.53	527.84	-308.48	9,668.60	9,579.54	89.06	108.564		
18,100.00	7,850.00	7,256.28	7,233.75	266.12	27.27	72.53	527.84	-308.48	9,766.34	9,677.24	89.10	109.611		
18,200.00	7,850.00	7,256.28	7,233.75	268.79	27.27	72.53	527.84	-308.48	9,864.12	9,774.98	89.14	110.657		
18,300.00	7,850.00	7,256.28	7,233.75	271.45	27.27	72.53	527.84	-308.48	9,961.94	9,872.76	89.18	111.703		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.90	0.90	0.00	0.00	0.40	40.07	0.28	40.07					
100.00	100.00	100.91	100.91	0.13	0.14	0.40	40.07	0.28	40.07	39.80	0.27	147.297		
200.00	200.00	201.49	201.46	0.49	0.49	-1.95	39.29	-1.34	39.31	38.33	0.99	39.903		
300.00	299.98	301.59	301.45	0.85	0.85	10.83	37.18	-5.68	35.90	34.19	1.71	21.049		
400.00	399.84	401.28	401.00	1.22	1.22	3.04	34.90	-10.38	29.44	27.01	2.44	12.088		
500.00	499.45	500.70	500.29	1.59	1.58	-10.25	32.63	-15.06	20.39	17.22	3.17	6.438		
600.00	598.70	600.26	599.19	1.97	1.95	-50.39	30.37	-19.72	11.38	7.49	3.89	2.923		
626.01	624.44	625.42	624.83	2.08	2.04	-71.37	29.79	-20.93	10.65	6.56	4.09	2.606	CC, ES, SF	
700.00	697.47	701.73	697.59	2.38	2.32	-122.17	28.12	-24.36	16.56	11.89	4.66	3.552		
800.00	795.62	803.83	795.36	2.82	2.70	-145.72	25.89	-28.97	34.41	28.99	5.42	6.346		
900.00	893.06	906.67	892.38	3.29	3.08	-154.29	23.67	-33.55	57.11	50.92	6.18	9.234		
1,000.00	989.64	989.63	988.54	3.80	3.39	-158.77	21.47	-38.08	83.50	76.62	6.88	12.142		
1,100.00	1,085.27	1,084.94	1,083.72	4.35	3.74	-161.59	19.30	-42.57	113.34	105.72	7.62	14.876		
1,200.00	1,179.82	1,179.15	1,177.81	4.95	4.09	-163.56	17.15	-47.01	146.52	138.16	8.36	17.525		
1,300.00	1,273.63	1,272.63	1,271.16	5.58	4.44	-165.10	15.01	-51.41	181.81	172.71	9.10	19.980		
1,400.00	1,367.44	1,366.09	1,364.49	6.22	4.78	-166.16	12.88	-55.81	217.21	207.37	9.83	22.088		
1,500.00	1,461.25	1,459.55	1,457.82	6.87	5.13	-166.93	10.75	-60.21	252.65	242.08	10.57	23.898		
1,600.00	1,555.06	1,553.01	1,551.16	7.52	5.47	-167.50	8.61	-64.61	288.12	276.81	11.31	25.468		
1,700.00	1,648.86	1,646.48	1,644.49	8.18	5.82	-167.95	6.48	-69.01	323.62	311.56	12.06	26.841		
1,800.00	1,742.67	1,739.94	1,737.83	8.84	6.17	-168.31	4.35	-73.41	359.12	346.32	12.80	28.051		
1,900.00	1,836.48	1,833.40	1,831.16	9.51	6.51	-168.61	2.21	-77.82	394.64	381.09	13.55	29.124		
2,000.00	1,930.29	1,926.86	1,924.50	10.18	6.86	-168.86	0.08	-82.22	430.16	415.86	14.30	30.083		
2,100.00	2,024.10	2,020.33	2,017.83	10.85	7.20	-169.07	-2.05	-86.62	465.69	450.64	15.05	30.944		
2,200.00	2,117.90	2,113.79	2,111.17	11.52	7.55	-169.25	-4.19	-91.02	501.23	485.43	15.80	31.722		
2,300.00	2,211.71	2,207.25	2,204.50	12.19	7.90	-169.40	-6.32	-95.42	536.77	520.21	16.55	32.427		
2,400.00	2,305.52	2,300.72	2,297.84	12.87	8.24	-169.54	-8.45	-99.82	572.31	555.00	17.31	33.070		
2,500.00	2,399.33	2,405.82	2,391.17	13.54	8.63	-169.66	-10.59	-104.22	607.85	589.75	18.10	33.578		
2,600.00	2,493.13	2,487.64	2,484.51	14.22	8.93	-169.77	-12.72	-108.62	643.40	624.58	18.81	34.198		
2,700.00	2,586.94	2,581.10	2,577.84	14.89	9.28	-169.86	-14.86	-113.03	678.94	659.38	19.57	34.695		
2,800.00	2,680.75	2,674.57	2,671.18	15.57	9.63	-169.95	-16.99	-117.43	714.49	694.17	20.32	35.154		
2,900.00	2,774.56	2,768.03	2,764.51	16.25	9.97	-170.03	-19.12	-121.83	750.04	728.96	21.08	35.580		
3,000.00	2,868.36	2,861.49	2,857.84	16.93	10.32	-170.10	-21.26	-126.23	785.60	763.76	21.84	35.976		
3,100.00	2,962.17	2,954.95	2,951.18	17.61	10.66	-170.16	-23.39	-130.63	821.15	798.56	22.59	36.344		
3,200.00	3,055.98	3,048.42	3,044.51	18.28	11.01	-170.22	-25.52	-135.03	856.70	833.35	23.35	36.689		
3,300.00	3,149.79	3,141.88	3,137.85	18.96	11.36	-170.28	-27.66	-139.43	892.26	868.15	24.11	37.011		
3,400.00	3,243.60	3,235.34	3,231.18	19.64	11.70	-170.33	-29.79	-143.83	927.81	902.95	24.87	37.313		
3,500.00	3,337.40	3,328.81	3,324.52	20.32	12.05	-170.37	-31.92	-148.24	963.37	937.74	25.62	37.596		
3,600.00	3,431.21	3,422.27	3,417.85	21.00	12.39	-170.42	-34.06	-152.64	998.92	972.54	26.38	37.864		
3,700.00	3,525.02	3,515.73	3,511.19	21.68	12.74	-170.46	-36.19	-157.04	1,034.48	1,007.34	27.14	38.115		
3,800.00	3,618.83	3,609.19	3,604.52	22.36	13.09	-170.50	-38.32	-161.44	1,070.04	1,042.14	27.90	38.353		
3,900.00	3,712.63	3,702.66	3,697.86	23.04	13.43	-170.53	-40.46	-165.84	1,105.59	1,076.94	28.66	38.578		
4,000.00	3,806.44	3,803.88	3,791.19	23.72	13.81	-170.57	-42.59	-170.24	1,141.15	1,111.71	29.45	38.753		
4,100.00	3,900.25	3,889.58	3,884.53	24.41	14.12	-170.60	-44.72	-174.64	1,176.71	1,146.53	30.18	38.993		
4,200.00	3,994.06	3,983.04	3,977.86	25.09	14.47	-170.63	-46.86	-179.04	1,212.27	1,181.33	30.94	39.185		
4,300.00	4,087.86	4,076.51	4,071.19	25.77	14.82	-170.65	-48.99	-183.45	1,247.83	1,216.13	31.70	39.368		
4,400.00	4,181.67	4,169.97	4,164.53	26.45	15.16	-170.68	-51.12	-187.85	1,283.39	1,250.93	32.46	39.541		
4,500.00	4,275.48	4,263.43	4,257.86	27.13	15.51	-170.70	-53.26	-192.25	1,318.95	1,285.73	33.22	39.707		
4,600.00	4,369.29	4,356.89	4,351.20	27.81	15.85	-170.73	-55.39	-196.65	1,354.50	1,320.53	33.98	39.865		
4,700.00	4,463.10	4,450.36	4,444.53	28.49	16.20	-170.75	-57.53	-201.05	1,390.06	1,355.33	34.74	40.016		
4,800.00	4,556.90	4,543.82	4,537.87	29.17	16.55	-170.77	-59.66	-205.45	1,425.62	1,390.13	35.50	40.160		
4,900.00	4,650.71	4,637.28	4,631.20	29.86	16.89	-170.79	-61.79	-209.85	1,461.18	1,424.92	36.26	40.298		
5,000.00	4,744.52	4,730.75	4,724.54	30.54	17.24	-170.81	-63.93	-214.25	1,496.74	1,459.72	37.02	40.430		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,838.33	4,824.21	4,817.87	31.22	17.58	-170.83	-66.06	-218.66	1,532.30	1,494.52	37.78	40.556		
5,200.00	4,932.13	4,917.67	4,911.21	31.90	17.93	-170.85	-68.19	-223.06	1,567.86	1,529.32	38.54	40.678		
5,300.00	5,025.94	5,011.13	5,004.54	32.58	18.28	-170.86	-70.33	-227.46	1,603.42	1,564.12	39.30	40.795		
5,400.00	5,119.75	5,104.60	5,097.88	33.26	18.62	-170.88	-72.46	-231.86	1,638.98	1,598.92	40.07	40.907		
5,500.00	5,213.56	5,201.94	5,191.21	33.95	18.98	-170.89	-74.59	-236.26	1,674.55	1,633.70	40.84	41.000		
5,600.00	5,307.36	5,308.48	5,284.55	34.63	19.38	-170.91	-76.73	-240.66	1,710.11	1,668.45	41.65	41.056		
5,700.00	5,401.17	5,384.98	5,377.88	35.31	19.66	-170.92	-78.86	-245.06	1,745.67	1,703.31	42.35	41.217		
5,800.00	5,494.98	5,478.45	5,471.21	35.99	20.01	-170.94	-80.99	-249.46	1,781.23	1,738.11	43.11	41.314		
5,900.00	5,588.79	5,571.91	5,564.55	36.68	20.35	-170.95	-83.13	-253.86	1,816.79	1,772.91	43.88	41.406		
6,000.00	5,682.59	5,665.37	5,657.88	37.36	20.70	-170.96	-85.26	-258.27	1,852.35	1,807.71	44.64	41.495		
6,100.00	5,776.40	5,758.84	5,751.22	38.04	21.04	-170.97	-87.39	-262.67	1,887.91	1,842.51	45.40	41.581		
6,200.00	5,870.21	5,852.30	5,844.55	38.72	21.39	-170.99	-89.53	-267.07	1,923.47	1,877.31	46.17	41.665		
6,300.00	5,964.02	5,945.76	5,937.89	39.40	21.74	-171.00	-91.66	-271.47	1,959.03	1,912.10	46.93	41.745		
6,400.00	6,057.83	6,039.22	6,031.22	40.09	22.08	-171.01	-93.79	-275.87	1,994.59	1,946.90	47.69	41.823		
6,500.00	6,151.63	6,132.69	6,124.56	40.77	22.43	-171.02	-95.93	-280.27	2,030.16	1,981.70	48.46	41.898		
6,600.00	6,245.44	6,226.15	6,217.89	41.45	22.78	-171.03	-98.06	-284.67	2,065.72	2,016.50	49.22	41.970		
6,700.00	6,339.25	6,319.61	6,311.23	42.13	23.12	-171.04	-100.19	-289.07	2,101.28	2,051.30	49.98	42.040		
6,800.00	6,433.06	6,413.07	6,404.56	42.82	23.47	-171.05	-102.33	-293.48	2,136.84	2,086.09	50.75	42.108		
6,900.00	6,526.86	6,506.54	6,497.90	43.50	23.81	-171.06	-104.46	-297.88	2,172.40	2,120.89	51.51	42.174		
7,000.00	6,620.67	6,600.00	6,591.23	44.18	24.16	-171.06	-106.60	-302.28	2,207.96	2,155.69	52.27	42.238		
7,100.00	6,714.48	6,706.54	6,684.56	44.86	24.55	-171.07	-108.73	-306.68	2,243.52	2,190.44	53.09	42.261		
7,200.00	6,808.29	6,786.93	6,777.90	45.55	24.85	-171.08	-110.86	-311.08	2,279.09	2,225.28	53.80	42.360		
7,300.00	6,902.09	6,880.39	6,871.23	46.23	25.20	-171.09	-113.00	-315.48	2,314.65	2,260.08	54.57	42.418		
7,400.00	6,995.90	6,973.85	6,964.57	46.91	25.54	-171.10	-115.13	-319.88	2,350.21	2,294.88	55.33	42.474		
7,500.00	7,089.71	7,067.31	7,057.90	47.59	25.89	-171.10	-117.26	-324.28	2,385.77	2,329.67	56.10	42.529		
7,600.00	7,183.52	7,160.78	7,151.24	48.28	26.24	-171.11	-119.40	-328.69	2,421.33	2,364.47	56.86	42.582		
7,700.00	7,277.41	7,254.28	7,244.61	48.95	26.58	178.96	-121.53	-333.09	2,456.75	2,399.12	57.63	42.632		
7,800.00	7,371.68	7,800.00	7,422.11	49.54	26.87	148.74	-125.60	-354.40	2,488.93	2,428.28	60.65	41.038		
7,900.00	7,464.05	7,707.73	7,661.07	50.01	28.71	129.61	-131.16	-482.96	2,512.04	2,450.42	61.62	40.765		
8,000.00	7,551.70	7,787.97	7,716.66	50.36	29.25	116.58	-132.48	-540.73	2,532.33	2,469.65	62.69	40.396		
8,100.00	7,631.98	7,804.15	7,726.86	50.61	29.36	107.36	-132.73	-553.28	2,552.61	2,489.54	63.07	40.474		
8,200.00	7,702.44	7,793.36	7,720.10	50.75	29.28	100.45	-132.57	-544.87	2,572.78	2,509.64	63.13	40.750		
8,300.00	7,760.95	7,769.38	7,704.51	50.81	29.12	95.08	-132.19	-526.66	2,592.09	2,528.99	63.09	41.083		
8,400.00	7,805.72	7,738.20	7,683.13	50.80	28.90	90.88	-131.69	-503.97	2,609.65	2,546.58	63.07	41.377		
8,500.00	7,835.40	7,702.81	7,657.41	50.72	28.68	87.68	-131.08	-479.68	2,624.58	2,561.43	63.15	41.562		
8,600.00	7,849.08	7,664.83	7,628.20	50.60	28.45	85.45	-130.39	-455.43	2,636.10	2,572.72	63.37	41.597		
8,700.00	7,850.00	7,627.06	7,597.62	50.45	28.24	84.48	-129.67	-433.29	2,645.16	2,581.40	63.76	41.488		
8,800.00	7,850.00	7,600.00	7,574.84	50.32	28.09	83.98	-129.14	-418.69	2,656.84	2,592.44	64.39	41.260		
8,900.00	7,850.00	7,568.19	7,547.23	50.22	27.92	83.38	-128.50	-402.92	2,671.63	2,606.54	65.08	41.049		
9,000.00	7,850.00	7,550.00	7,531.06	50.15	27.83	83.03	-128.12	-394.60	2,689.63	2,623.62	66.01	40.745		
9,100.00	7,850.00	7,525.64	7,509.00	50.11	27.71	82.56	-127.61	-384.27	2,710.85	2,643.91	66.94	40.496		
9,200.00	7,850.00	7,500.00	7,485.34	50.12	27.59	82.05	-127.06	-374.42	2,735.34	2,667.43	67.91	40.281		
9,300.00	7,850.00	7,500.00	7,485.34	50.20	27.59	82.05	-127.06	-374.42	2,762.96	2,693.79	69.17	39.945		
9,400.00	7,850.00	7,480.72	7,467.26	50.42	27.50	81.66	-126.64	-367.72	2,793.71	2,723.46	70.25	39.767		
9,500.00	7,850.00	7,469.16	7,456.32	50.87	27.45	81.42	-126.39	-364.00	2,827.54	2,756.12	71.42	39.593		
9,600.00	7,850.00	7,450.00	7,438.03	51.72	27.36	81.03	-125.97	-358.31	2,864.38	2,791.88	72.50	39.510		
9,700.00	7,850.00	7,450.00	7,438.03	53.02	27.36	81.03	-125.97	-358.31	2,904.02	2,830.28	73.74	39.380		
9,800.00	7,850.00	7,450.00	7,438.03	54.65	27.36	81.03	-125.97	-358.31	2,946.52	2,871.57	74.96	39.308		
9,900.00	7,850.00	7,450.00	7,438.03	56.50	27.36	81.03	-125.97	-358.31	2,991.77	2,915.63	76.14	39.294		
10,000.00	7,850.00	7,426.98	7,415.82	58.48	27.26	80.55	-125.45	-352.29	3,039.30	2,962.22	77.09	39.427		
10,100.00	7,850.00	7,420.74	7,409.76	60.55	27.23	80.42	-125.31	-350.82	3,089.44	3,011.31	78.14	39.538		
10,200.00	7,850.00	7,400.00	7,389.51	62.69	27.14	79.99	-124.85	-346.38	3,142.07	3,063.04	79.03	39.758		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,850.00	7,400.00	7,389.51	64.88	27.14	79.99	-124.85	-346.38	3,196.70	3,116.65	80.05	39.935		
10,400.00	7,850.00	7,400.00	7,389.51	67.11	27.14	79.99	-124.85	-346.38	3,253.48	3,172.47	81.02	40.157		
10,500.00	7,850.00	7,400.00	7,389.51	69.38	27.14	79.99	-124.85	-346.38	3,312.32	3,230.37	81.94	40.423		
10,600.00	7,850.00	7,400.00	7,389.51	71.68	27.14	79.99	-124.85	-346.38	3,373.09	3,290.27	82.82	40.728		
10,700.00	7,850.00	7,400.00	7,389.51	74.00	27.14	79.99	-124.85	-346.38	3,435.69	3,352.04	83.65	41.072		
10,800.00	7,850.00	7,400.00	7,389.51	76.36	27.14	79.99	-124.85	-346.38	3,500.04	3,415.60	84.44	41.450		
10,900.00	7,850.00	7,400.00	7,389.51	78.73	27.14	79.99	-124.85	-346.38	3,566.03	3,480.84	85.18	41.862		
11,000.00	7,850.00	7,400.00	7,389.51	81.13	27.14	79.99	-124.85	-346.38	3,633.57	3,547.68	85.89	42.305		
11,100.00	7,850.00	7,379.34	7,369.18	83.54	27.06	79.56	-124.38	-342.70	3,702.26	3,615.83	86.43	42.836		
11,200.00	7,850.00	7,376.55	7,366.43	85.97	27.05	79.50	-124.32	-342.26	3,772.56	3,685.51	87.04	43.341		
11,300.00	7,850.00	7,373.93	7,363.84	88.42	27.04	79.44	-124.26	-341.85	3,844.17	3,756.54	87.63	43.870		
11,400.00	7,850.00	7,371.46	7,361.40	90.88	27.03	79.39	-124.20	-341.49	3,917.01	3,828.83	88.18	44.422		
11,500.00	7,850.00	7,350.00	7,340.13	93.35	26.94	78.94	-123.71	-338.73	3,991.30	3,902.72	88.58	45.059		
11,600.00	7,850.00	7,350.00	7,340.13	95.83	26.94	78.94	-123.71	-338.73	4,066.36	3,977.27	89.09	45.645		
11,700.00	7,850.00	7,350.00	7,340.13	98.33	26.94	78.94	-123.71	-338.73	4,142.46	4,052.90	89.57	46.250		
11,800.00	7,850.00	7,350.00	7,340.13	100.83	26.94	78.94	-123.71	-338.73	4,219.57	4,129.55	90.02	46.875		
11,900.00	7,850.00	7,350.00	7,340.13	103.35	26.94	78.94	-123.71	-338.73	4,297.61	4,207.17	90.45	47.516		
12,000.00	7,850.00	7,350.00	7,340.13	105.87	26.94	78.94	-123.71	-338.73	4,376.55	4,285.71	90.85	48.174		
12,100.00	7,850.00	7,350.00	7,340.13	108.40	26.94	78.94	-123.71	-338.73	4,456.34	4,365.11	91.23	48.847		
12,200.00	7,850.00	7,350.00	7,340.13	110.94	26.94	78.94	-123.71	-338.73	4,536.93	4,445.34	91.59	49.534		
12,300.00	7,850.00	7,350.00	7,340.13	113.48	26.94	78.94	-123.71	-338.73	4,618.28	4,526.34	91.93	50.235		
12,400.00	7,850.00	7,350.00	7,340.13	116.04	26.94	78.94	-123.71	-338.73	4,700.34	4,608.09	92.26	50.949		
12,500.00	7,850.00	7,350.00	7,340.13	118.59	26.94	78.94	-123.71	-338.73	4,783.09	4,690.53	92.56	51.674		
12,600.00	7,850.00	7,350.00	7,340.13	121.16	26.94	78.94	-123.71	-338.73	4,866.49	4,773.64	92.85	52.411		
12,700.00	7,850.00	7,350.00	7,340.13	123.73	26.94	78.94	-123.71	-338.73	4,950.50	4,857.37	93.13	53.158		
12,800.00	7,850.00	7,350.00	7,340.13	126.30	26.94	78.94	-123.71	-338.73	5,035.10	4,941.71	93.39	53.915		
12,900.00	7,850.00	7,350.00	7,340.13	128.88	26.94	78.94	-123.71	-338.73	5,120.25	5,026.61	93.64	54.682		
13,000.00	7,850.00	7,350.00	7,340.13	131.46	26.94	78.94	-123.71	-338.73	5,205.93	5,112.06	93.87	55.457		
13,100.00	7,850.00	7,350.00	7,340.13	134.05	26.94	78.94	-123.71	-338.73	5,292.11	5,198.01	94.10	56.241		
13,200.00	7,850.00	7,350.00	7,340.13	136.64	26.94	78.94	-123.71	-338.73	5,378.77	5,284.46	94.31	57.033		
13,300.00	7,850.00	7,350.00	7,340.13	139.24	26.94	78.94	-123.71	-338.73	5,465.89	5,371.37	94.51	57.832		
13,400.00	7,850.00	7,350.00	7,340.13	141.84	26.94	78.94	-123.71	-338.73	5,553.44	5,458.73	94.71	58.638		
13,500.00	7,850.00	7,350.00	7,340.13	144.44	26.94	78.94	-123.71	-338.73	5,641.40	5,546.51	94.89	59.450		
13,600.00	7,850.00	7,350.00	7,340.13	147.05	26.94	78.94	-123.71	-338.73	5,729.76	5,634.69	95.07	60.269		
13,700.00	7,850.00	7,350.00	7,340.13	149.66	26.94	78.94	-123.71	-338.73	5,818.50	5,723.26	95.24	61.094		
13,800.00	7,850.00	7,350.00	7,340.13	152.27	26.94	78.94	-123.71	-338.73	5,907.59	5,812.19	95.40	61.925		
13,900.00	7,850.00	7,350.00	7,340.13	154.88	26.94	78.94	-123.71	-338.73	5,997.03	5,901.48	95.55	62.761		
14,000.00	7,850.00	7,350.00	7,340.13	157.50	26.94	78.94	-123.71	-338.73	6,086.80	5,991.10	95.70	63.602		
14,100.00	7,850.00	7,350.00	7,340.13	160.12	26.94	78.94	-123.71	-338.73	6,176.88	6,081.04	95.84	64.447		
14,200.00	7,850.00	7,333.93	7,324.14	162.74	26.88	78.60	-123.35	-337.19	6,267.04	6,171.13	95.91	65.341		
14,300.00	7,850.00	7,333.20	7,323.41	165.36	26.88	78.58	-123.33	-337.13	6,357.69	6,261.65	96.04	66.197		
14,400.00	7,850.00	7,332.49	7,322.70	167.99	26.87	78.57	-123.32	-337.07	6,448.62	6,352.45	96.17	67.057		
14,500.00	7,850.00	7,331.80	7,322.01	170.62	26.87	78.55	-123.30	-337.02	6,539.81	6,443.52	96.28	67.922		
14,600.00	7,850.00	7,331.13	7,321.34	173.25	26.87	78.54	-123.28	-336.97	6,631.25	6,534.85	96.40	68.790		
14,700.00	7,850.00	7,330.48	7,320.69	175.88	26.87	78.53	-123.27	-336.92	6,722.94	6,626.43	96.51	69.661		
14,800.00	7,850.00	7,313.93	7,304.18	178.52	26.80	78.18	-122.89	-335.90	6,815.08	6,718.53	96.55	70.586		
14,900.00	7,850.00	7,313.93	7,304.18	181.15	26.80	78.18	-122.89	-335.90	6,907.20	6,810.55	96.66	71.462		
15,000.00	7,850.00	7,313.93	7,304.18	183.79	26.80	78.18	-122.89	-335.90	6,999.55	6,902.79	96.76	72.341		
15,100.00	7,850.00	7,313.93	7,304.18	186.43	26.80	78.18	-122.89	-335.90	7,092.10	6,995.24	96.86	73.222		
15,200.00	7,850.00	7,313.93	7,304.18	189.07	26.80	78.18	-122.89	-335.90	7,184.85	7,087.89	96.95	74.106		
15,300.00	7,850.00	7,313.93	7,304.18	191.71	26.80	78.18	-122.89	-335.90	7,277.79	7,180.74	97.05	74.993		
15,400.00	7,850.00	7,313.93	7,304.18	194.36	26.80	78.18	-122.89	-335.90	7,370.91	7,273.78	97.14	75.882		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,850.00	7,313.93	7,304.18	197.00	26.80	78.18	-122.89	-335.90	7,464.22	7,366.99	97.22	76.773	
15,600.00	7,850.00	7,313.93	7,304.18	199.65	26.80	78.18	-122.89	-335.90	7,557.69	7,460.38	97.31	77.666	
15,700.00	7,850.00	7,313.93	7,304.18	202.30	26.80	78.18	-122.89	-335.90	7,651.33	7,553.94	97.39	78.561	
15,800.00	7,850.00	7,313.93	7,304.18	204.94	26.80	78.18	-122.89	-335.90	7,745.13	7,647.66	97.47	79.459	
15,900.00	7,850.00	7,313.93	7,304.18	207.59	26.80	78.18	-122.89	-335.90	7,839.09	7,741.53	97.55	80.357	
16,000.00	7,850.00	7,313.93	7,304.18	210.25	26.80	78.18	-122.89	-335.90	7,933.19	7,835.56	97.63	81.258	
16,100.00	7,850.00	7,313.93	7,304.18	212.90	26.80	78.18	-122.89	-335.90	8,027.43	7,929.73	97.70	82.160	
16,200.00	7,850.00	7,313.93	7,304.18	215.55	26.80	78.18	-122.89	-335.90	8,121.81	8,024.03	97.78	83.064	
16,300.00	7,850.00	7,313.93	7,304.18	218.20	26.80	78.18	-122.89	-335.90	8,216.33	8,118.48	97.85	83.969	
16,400.00	7,850.00	7,313.93	7,304.18	220.86	26.80	78.18	-122.89	-335.90	8,310.97	8,213.05	97.92	84.875	
16,500.00	7,850.00	7,313.93	7,304.18	223.52	26.80	78.18	-122.89	-335.90	8,405.73	8,307.75	97.99	85.783	
16,600.00	7,850.00	7,313.93	7,304.18	226.17	26.80	78.18	-122.89	-335.90	8,500.62	8,402.56	98.06	86.691	
16,700.00	7,850.00	7,313.93	7,304.18	228.83	26.80	78.18	-122.89	-335.90	8,595.62	8,497.50	98.12	87.601	
16,800.00	7,850.00	7,313.93	7,304.18	231.49	26.80	78.18	-122.89	-335.90	8,690.74	8,592.55	98.19	88.512	
16,900.00	7,850.00	7,313.93	7,304.18	234.15	26.80	78.18	-122.89	-335.90	8,785.96	8,687.71	98.25	89.423	
17,000.00	7,850.00	7,313.93	7,304.18	236.81	26.80	78.18	-122.89	-335.90	8,881.29	8,782.97	98.31	90.336	
17,100.00	7,850.00	7,313.93	7,304.18	239.47	26.80	78.18	-122.89	-335.90	8,976.72	8,878.34	98.38	91.249	
17,200.00	7,850.00	7,313.93	7,304.18	242.13	26.80	78.18	-122.89	-335.90	9,072.25	8,973.81	98.44	92.163	
17,300.00	7,850.00	7,313.93	7,304.18	244.79	26.80	78.18	-122.89	-335.90	9,167.87	9,069.37	98.50	93.077	
17,400.00	7,850.00	7,313.93	7,304.18	247.46	26.80	78.18	-122.89	-335.90	9,263.58	9,165.03	98.56	93.993	
17,500.00	7,850.00	7,313.93	7,304.18	250.12	26.80	78.18	-122.89	-335.90	9,359.39	9,260.77	98.62	94.908	
17,600.00	7,850.00	7,313.93	7,304.18	252.79	26.80	78.18	-122.89	-335.90	9,455.28	9,356.61	98.67	95.825	
17,700.00	7,850.00	7,313.93	7,304.18	255.45	26.80	78.18	-122.89	-335.90	9,551.26	9,452.53	98.73	96.741	
17,800.00	7,850.00	7,313.93	7,304.18	258.12	26.80	78.18	-122.89	-335.90	9,647.32	9,548.53	98.79	97.658	
17,900.00	7,850.00	7,313.93	7,304.18	260.78	26.80	78.18	-122.89	-335.90	9,743.45	9,644.61	98.84	98.575	
18,000.00	7,850.00	7,313.93	7,304.18	263.45	26.80	78.18	-122.89	-335.90	9,839.67	9,740.77	98.90	99.493	
18,100.00	7,850.00	7,313.93	7,304.18	266.12	26.80	78.18	-122.89	-335.90	9,935.96	9,837.01	98.95	100.411	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.10	-0.10	0.00	0.00	0.80	20.03	0.28	20.04					
100.00	100.00	99.90	99.90	0.13	0.13	0.80	20.03	0.28	20.04	19.77	0.27	74.564	CC	
200.00	200.00	199.19	199.17	0.49	0.49	-0.47	21.69	-0.18	21.70	20.71	0.99	21.887		
300.00	299.98	298.35	298.19	0.85	0.86	16.71	26.65	-1.56	25.07	23.36	1.71	14.664		
400.00	399.84	397.39	396.85	1.22	1.23	15.73	34.89	-3.85	28.48	26.06	2.43	11.746		
500.00	499.45	496.31	495.05	1.59	1.61	15.34	46.40	-7.06	31.92	28.77	3.14	10.154		
600.00	598.70	595.11	592.65	1.97	2.02	15.37	61.15	-11.16	35.36	31.49	3.87	9.145		
700.00	697.47	693.81	689.56	2.38	2.47	15.69	79.11	-16.16	38.81	34.21	4.60	8.441		
800.00	795.62	792.38	785.66	2.82	2.94	16.24	100.25	-22.04	42.26	36.92	5.34	7.914		
900.00	893.06	890.85	880.84	3.29	3.45	16.96	124.53	-28.80	45.72	39.63	6.10	7.499		
1,000.00	989.64	989.21	975.00	3.80	4.00	17.82	151.92	-36.42	49.19	42.32	6.87	7.159		
1,100.00	1,085.27	1,087.45	1,068.02	4.35	4.59	18.78	182.37	-44.89	52.68	45.00	7.67	6.864		
1,200.00	1,179.82	1,185.60	1,159.80	4.95	5.22	19.83	215.84	-54.20	56.18	47.67	8.51	6.603		
1,300.00	1,273.63	1,283.57	1,250.19	5.58	5.90	20.53	252.25	-64.33	60.91	51.55	9.36	6.508		
1,400.00	1,367.44	1,382.71	1,340.64	6.22	6.62	20.49	291.35	-75.21	68.08	57.83	10.25	6.640		
1,500.00	1,461.25	1,482.45	1,431.57	6.87	7.36	20.42	330.82	-86.19	75.39	64.22	11.17	6.748		
1,600.00	1,555.06	1,582.18	1,522.50	7.52	8.10	20.37	370.29	-97.18	82.70	70.60	12.10	6.835		
1,700.00	1,648.86	1,681.91	1,613.43	8.18	8.85	20.32	409.76	-108.16	90.02	76.98	13.03	6.906		
1,800.00	1,742.67	1,781.64	1,704.35	8.84	9.61	20.28	449.23	-119.14	97.33	83.36	13.97	6.966		
1,900.00	1,836.48	1,881.37	1,795.28	9.51	10.37	20.25	488.70	-130.12	104.64	89.73	14.91	7.017		
2,000.00	1,930.29	1,981.11	1,886.21	10.18	11.13	20.22	528.17	-141.11	111.95	96.09	15.86	7.060		
2,100.00	2,024.10	2,080.84	1,977.14	10.85	11.90	20.19	567.64	-152.09	119.26	102.46	16.80	7.097		
2,200.00	2,117.90	2,180.57	2,068.07	11.52	12.66	20.17	607.11	-163.07	126.58	108.82	17.75	7.129		
2,300.00	2,211.71	2,280.30	2,159.00	12.19	13.43	20.15	646.58	-174.05	133.89	115.18	18.70	7.158		
2,400.00	2,305.52	2,380.04	2,249.93	12.87	14.20	20.13	686.05	-185.03	141.20	121.54	19.66	7.183		
2,500.00	2,399.33	2,479.77	2,340.86	13.54	14.96	20.11	725.51	-196.02	148.51	127.90	20.61	7.205		
2,600.00	2,493.13	2,579.50	2,431.79	14.22	15.73	20.10	764.98	-207.00	155.82	134.26	21.57	7.225		
2,700.00	2,586.94	2,679.23	2,522.72	14.89	16.50	20.09	804.45	-217.98	163.13	140.61	22.52	7.243		
2,800.00	2,680.75	2,778.97	2,613.65	15.57	17.28	20.07	843.92	-228.96	170.45	146.97	23.48	7.260		
2,900.00	2,774.56	2,878.70	2,704.58	16.25	18.05	20.06	883.39	-239.94	177.76	153.32	24.44	7.274		
3,000.00	2,868.36	2,978.43	2,795.50	16.93	18.82	20.05	922.86	-250.93	185.07	159.68	25.39	7.288		
3,100.00	2,962.17	3,078.16	2,886.43	17.61	19.59	20.04	962.33	-261.91	192.38	166.03	26.35	7.300		
3,200.00	3,055.98	3,177.89	2,977.36	18.28	20.37	20.03	1,001.80	-272.89	199.69	172.38	27.31	7.311		
3,300.00	3,149.79	3,277.63	3,068.29	18.96	21.14	20.02	1,041.27	-283.87	207.01	178.73	28.27	7.322		
3,400.00	3,243.60	3,377.36	3,159.22	19.64	21.91	20.02	1,080.74	-294.86	214.32	185.08	29.23	7.331		
3,500.00	3,337.40	3,477.09	3,250.15	20.32	22.69	20.01	1,120.21	-305.84	221.63	191.44	30.19	7.340		
3,600.00	3,431.21	3,576.82	3,341.08	21.00	23.46	20.00	1,159.68	-316.82	228.94	197.79	31.15	7.349		
3,700.00	3,525.02	3,676.56	3,432.01	21.68	24.24	20.00	1,199.15	-327.80	236.25	204.14	32.12	7.356		
3,800.00	3,618.83	3,776.29	3,522.94	22.36	25.01	19.99	1,238.61	-338.78	243.57	210.49	33.08	7.363		
3,900.00	3,712.63	3,876.02	3,613.87	23.04	25.78	19.98	1,278.08	-349.77	250.88	216.84	34.04	7.370		
4,000.00	3,806.44	3,975.75	3,704.80	23.72	26.56	19.98	1,317.55	-360.75	258.19	223.19	35.00	7.376		
4,100.00	3,900.25	4,075.49	3,795.73	24.41	27.33	19.97	1,357.02	-371.73	265.50	229.54	35.96	7.382		
4,200.00	3,994.06	4,175.22	3,886.65	25.09	28.11	19.97	1,396.49	-382.71	272.81	235.89	36.93	7.388		
4,300.00	4,087.86	4,274.95	3,977.58	25.77	28.89	19.97	1,435.96	-393.69	280.13	242.23	37.89	7.393		
4,400.00	4,181.67	4,374.68	4,068.51	26.45	29.66	19.96	1,475.43	-404.68	287.44	248.58	38.85	7.398		
4,500.00	4,275.48	4,474.41	4,159.44	27.13	30.44	19.96	1,514.90	-415.66	294.75	254.93	39.82	7.403		
4,600.00	4,369.29	4,574.15	4,250.37	27.81	31.21	19.95	1,554.37	-426.64	302.06	261.28	40.78	7.407		
4,700.00	4,463.10	4,673.88	4,341.30	28.49	31.99	19.95	1,593.84	-437.62	309.37	267.63	41.74	7.411		
4,800.00	4,556.90	4,773.61	4,432.23	29.17	32.76	19.95	1,633.31	-448.61	316.68	273.98	42.71	7.415		
4,900.00	4,650.71	4,873.34	4,523.16	29.86	33.54	19.94	1,672.78	-459.59	324.00	280.33	43.67	7.419		
5,000.00	4,744.52	4,973.08	4,614.09	30.54	34.32	19.94	1,712.24	-470.57	331.31	286.67	44.64	7.423		
5,100.00	4,838.33	5,072.81	4,705.02	31.22	35.09	19.94	1,751.71	-481.55	338.62	293.02	45.60	7.426		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	4,932.13	5,172.54	4,795.95	31.90	35.87	19.93	1,791.18	-492.53	345.93	299.37	46.56	7.429		
5,300.00	5,025.94	5,272.27	4,886.88	32.58	36.64	19.93	1,830.65	-503.52	353.24	305.72	47.53	7.432		
5,400.00	5,119.75	5,372.01	4,977.80	33.26	37.42	19.93	1,870.12	-514.50	360.56	312.06	48.49	7.435		
5,500.00	5,213.56	5,471.74	5,068.73	33.95	38.20	19.92	1,909.59	-525.48	367.87	318.41	49.46	7.438		
5,600.00	5,307.36	5,571.47	5,159.66	34.63	38.97	19.92	1,949.06	-536.46	375.18	324.76	50.42	7.441		
5,700.00	5,401.17	5,671.20	5,250.59	35.31	39.75	19.92	1,988.53	-547.44	382.49	331.11	51.39	7.444		
5,800.00	5,494.98	5,770.94	5,341.52	35.99	40.53	19.92	2,028.00	-558.43	389.80	337.45	52.35	7.446		
5,900.00	5,588.79	5,870.67	5,432.45	36.68	41.30	19.92	2,067.47	-569.41	397.12	343.80	53.32	7.448		
6,000.00	5,682.59	5,970.40	5,523.38	37.36	42.08	19.91	2,106.94	-580.39	404.43	350.15	54.28	7.451		
6,100.00	5,776.40	6,070.13	5,614.31	38.04	42.85	19.91	2,146.41	-591.37	411.74	356.49	55.25	7.453		
6,200.00	5,870.21	6,169.86	5,705.24	38.72	43.63	19.91	2,185.88	-602.36	419.05	362.84	56.21	7.455		
6,300.00	5,964.02	6,269.60	5,796.17	39.40	44.41	19.91	2,225.34	-613.34	426.36	369.19	57.18	7.457		
6,400.00	6,057.83	6,369.33	5,887.10	40.09	45.18	19.91	2,264.81	-624.32	433.68	375.54	58.14	7.459		
6,500.00	6,151.63	6,469.06	5,978.02	40.77	45.96	19.90	2,304.28	-635.30	440.99	381.88	59.11	7.461		
6,600.00	6,245.44	6,568.79	6,068.95	41.45	46.74	19.90	2,343.75	-646.28	448.30	388.23	60.07	7.463		
6,700.00	6,339.25	6,668.53	6,159.88	42.13	47.51	19.90	2,383.22	-657.27	455.61	394.58	61.04	7.465		
6,800.00	6,433.06	6,768.26	6,250.81	42.82	48.29	19.90	2,422.69	-668.25	462.92	400.92	62.00	7.466		
6,900.00	6,526.86	6,867.99	6,341.74	43.50	49.07	19.90	2,462.16	-679.23	470.24	407.27	62.97	7.468		
7,000.00	6,620.67	6,967.72	6,432.67	44.18	49.85	19.90	2,501.63	-690.21	477.55	413.62	63.93	7.470		
7,100.00	6,714.48	7,067.46	6,523.60	44.86	50.62	19.89	2,541.10	-701.19	484.86	419.96	64.90	7.471		
7,200.00	6,808.29	7,167.19	6,614.53	45.55	51.40	19.89	2,580.57	-712.18	492.17	426.31	65.86	7.473		
7,300.00	6,902.09	7,266.92	6,705.46	46.23	52.18	19.89	2,620.04	-723.16	499.48	432.65	66.83	7.474		
7,400.00	6,995.90	7,366.65	6,796.39	46.91	52.95	19.89	2,659.51	-734.14	506.80	439.00	67.79	7.475		
7,500.00	7,089.71	7,466.38	6,887.32	47.59	53.73	19.89	2,698.97	-745.12	514.11	445.35	68.76	7.477		
7,600.00	7,183.52	7,566.12	6,978.25	48.28	54.51	19.89	2,738.44	-756.11	521.42	451.69	69.73	7.478		
7,700.00	7,277.41	7,665.83	7,069.16	48.95	55.28	11.28	2,777.91	-767.09	528.70	458.07	70.64	7.485		
7,800.00	7,371.68	7,764.44	7,159.06	49.54	56.05	-17.44	2,816.93	-777.94	535.74	464.96	70.78	7.569		
7,900.00	7,464.05	7,861.03	7,247.31	50.01	56.79	-40.63	2,855.24	-785.97	543.46	473.19	70.27	7.734		
8,000.00	7,551.70	7,962.19	7,339.71	50.36	57.46	-55.61	2,895.41	-778.56	552.57	482.59	69.98	7.896		
8,100.00	7,631.98	8,069.59	7,434.86	50.61	58.04	-65.35	2,936.82	-751.45	562.71	492.65	70.07	8.031		
8,200.00	7,702.44	8,184.14	7,529.30	50.75	58.50	-72.05	2,977.98	-701.79	573.30	502.89	70.42	8.142		
8,300.00	7,760.95	8,306.49	7,617.97	50.81	58.84	-76.82	3,016.72	-627.32	583.56	512.68	70.88	8.233		
8,400.00	7,805.72	8,436.68	7,694.13	50.80	59.04	-80.17	3,050.09	-527.50	592.59	521.11	71.48	8.290		
8,500.00	7,835.40	8,573.85	7,749.86	50.72	59.09	-82.30	3,074.65	-404.96	599.47	526.99	72.48	8.270		
8,600.00	7,849.08	8,715.91	7,777.76	50.60	59.01	-83.28	3,087.16	-266.60	603.42	529.18	74.25	8.127		
8,700.00	7,850.00	8,832.03	7,780.00	50.45	58.88	-83.36	3,088.47	-150.56	604.60	528.59	76.01	7.954		
8,800.00	7,850.00	8,932.02	7,780.00	50.32	58.78	-83.37	3,088.75	-50.56	605.50	527.80	77.70	7.793		
8,900.00	7,850.00	9,032.02	7,780.00	50.22	58.70	-83.38	3,089.04	49.43	606.40	526.69	79.71	7.608		
9,000.00	7,850.00	9,132.02	7,780.00	50.15	58.65	-83.39	3,089.33	149.43	607.30	525.28	82.02	7.404		
9,100.00	7,850.00	9,232.01	7,780.00	50.11	58.63	-83.40	3,089.61	249.42	608.20	523.59	84.61	7.189		
9,200.00	7,850.00	9,332.01	7,780.00	50.12	58.64	-83.41	3,089.90	349.42	609.10	521.65	87.44	6.966		
9,300.00	7,850.00	9,432.00	7,780.00	50.20	58.69	-83.42	3,090.19	449.41	610.00	519.48	90.51	6.739		
9,400.00	7,850.00	9,532.00	7,780.00	50.42	58.79	-83.43	3,090.47	549.41	610.89	517.11	93.79	6.514		
9,500.00	7,850.00	9,631.99	7,780.00	50.87	58.97	-83.44	3,090.76	649.41	611.79	514.55	97.24	6.291		
9,600.00	7,850.00	9,731.99	7,780.00	51.72	59.25	-83.45	3,091.05	749.40	612.69	511.82	100.87	6.074		
9,700.00	7,850.00	9,831.99	7,780.00	53.02	59.68	-83.46	3,091.33	849.40	613.59	508.95	104.64	5.864		
9,800.00	7,850.00	9,931.98	7,780.00	54.65	60.32	-83.47	3,091.62	949.39	614.49	505.94	108.55	5.661		
9,900.00	7,850.00	10,031.98	7,780.00	56.50	61.23	-83.48	3,091.90	1,049.39	615.39	502.81	112.58	5.466		
10,000.00	7,850.00	10,131.97	7,780.00	58.48	62.42	-83.49	3,092.19	1,149.38	616.29	499.58	116.71	5.281		
10,100.00	7,850.00	10,231.97	7,780.00	60.55	63.89	-83.50	3,092.48	1,249.38	617.19	496.25	120.94	5.103		
10,200.00	7,850.00	10,331.97	7,780.00	62.69	65.58	-83.51	3,092.76	1,349.37	618.09	492.83	125.25	4.935		
10,300.00	7,850.00	10,431.96	7,780.00	64.88	67.44	-83.52	3,093.05	1,449.37	618.99	489.34	129.65	4.774		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	10,531.96	7,780.00	67.11	69.43	-83.53	3,093.34	1,549.36	619.88	485.77	134.11	4.622		
10,500.00	7,850.00	10,631.95	7,780.00	69.38	71.50	-83.53	3,093.62	1,649.36	620.78	482.14	138.64	4.478		
10,600.00	7,850.00	10,731.95	7,780.00	71.68	73.65	-83.54	3,093.91	1,749.36	621.68	478.46	143.23	4.341		
10,700.00	7,850.00	10,831.95	7,780.00	74.00	75.85	-83.55	3,094.19	1,849.35	622.58	474.72	147.86	4.211		
10,800.00	7,850.00	10,931.94	7,780.00	76.36	78.10	-83.56	3,094.48	1,949.35	623.48	470.93	152.55	4.087		
10,900.00	7,850.00	11,031.94	7,780.00	78.73	80.38	-83.57	3,094.77	2,049.34	624.38	467.11	157.28	3.970		
11,000.00	7,850.00	11,131.93	7,780.00	81.13	82.70	-83.58	3,095.05	2,149.34	625.28	463.24	162.04	3.859		
11,100.00	7,850.00	11,231.93	7,780.00	83.54	85.05	-83.59	3,095.34	2,249.33	626.18	459.33	166.85	3.753		
11,200.00	7,850.00	11,331.93	7,780.00	85.97	87.41	-83.60	3,095.63	2,349.33	627.08	455.40	171.68	3.653		
11,300.00	7,850.00	11,431.92	7,780.00	88.42	89.80	-83.61	3,095.91	2,449.32	627.98	451.43	176.55	3.557		
11,400.00	7,850.00	11,531.92	7,780.00	90.88	92.21	-83.62	3,096.20	2,549.32	628.88	447.43	181.44	3.466		
11,500.00	7,850.00	11,631.91	7,780.00	93.35	94.64	-83.63	3,096.48	2,649.32	629.78	443.41	186.36	3.379		
11,600.00	7,850.00	11,731.91	7,780.00	95.83	97.08	-83.64	3,096.77	2,749.31	630.68	439.37	191.31	3.297		
11,700.00	7,850.00	11,831.90	7,780.00	98.33	99.54	-83.65	3,097.06	2,849.31	631.57	435.30	196.27	3.218		
11,800.00	7,850.00	11,931.90	7,780.00	100.83	102.01	-83.65	3,097.34	2,949.30	632.47	431.21	201.26	3.143		
11,900.00	7,850.00	12,031.90	7,780.00	103.35	104.49	-83.66	3,097.63	3,049.30	633.37	427.11	206.27	3.071		
12,000.00	7,850.00	12,131.89	7,780.00	105.87	106.98	-83.67	3,097.92	3,149.29	634.27	422.98	211.29	3.002		
12,100.00	7,850.00	12,231.89	7,780.00	108.40	109.48	-83.68	3,098.20	3,249.29	635.17	418.84	216.33	2.936		
12,200.00	7,850.00	12,331.88	7,780.00	110.94	111.99	-83.69	3,098.49	3,349.28	636.07	414.69	221.38	2.873		
12,300.00	7,850.00	12,431.88	7,780.00	113.48	114.51	-83.70	3,098.77	3,449.28	636.97	410.52	226.45	2.813		
12,400.00	7,850.00	12,531.88	7,780.00	116.04	117.03	-83.71	3,099.06	3,549.27	637.87	406.34	231.53	2.755		
12,500.00	7,850.00	12,631.87	7,780.00	118.59	119.57	-83.72	3,099.35	3,649.27	638.77	402.14	236.63	2.699		
12,600.00	7,850.00	12,731.87	7,780.00	121.16	122.11	-83.73	3,099.63	3,749.27	639.67	397.94	241.73	2.646		
12,700.00	7,850.00	12,831.86	7,780.00	123.73	124.65	-83.74	3,099.92	3,849.26	640.57	393.72	246.85	2.595		
12,800.00	7,850.00	12,931.86	7,780.00	126.30	127.21	-83.74	3,100.21	3,949.26	641.47	389.49	251.98	2.546		
12,900.00	7,850.00	13,031.86	7,780.00	128.88	129.77	-83.75	3,100.49	4,049.25	642.37	385.25	257.12	2.498		
13,000.00	7,850.00	13,131.85	7,780.00	131.46	132.33	-83.76	3,100.78	4,149.25	643.27	381.01	262.26	2.453		
13,100.00	7,850.00	13,231.85	7,780.00	134.05	134.90	-83.77	3,101.07	4,249.24	644.17	376.75	267.42	2.409		
13,200.00	7,850.00	13,331.84	7,780.00	136.64	137.47	-83.78	3,101.35	4,349.24	645.07	372.49	272.58	2.367		
13,300.00	7,850.00	13,431.84	7,780.00	139.24	140.05	-83.79	3,101.64	4,449.23	645.97	368.22	277.75	2.326		
13,400.00	7,850.00	13,531.84	7,780.00	141.84	142.63	-83.80	3,101.92	4,549.23	646.87	363.94	282.93	2.286		
13,500.00	7,850.00	13,631.83	7,780.00	144.44	145.22	-83.80	3,102.21	4,649.23	647.77	359.65	288.11	2.248		
13,600.00	7,850.00	13,731.83	7,780.00	147.05	147.81	-83.81	3,102.50	4,749.22	648.66	355.36	293.31	2.212		
13,700.00	7,850.00	13,831.82	7,780.00	149.66	150.40	-83.82	3,102.78	4,849.22	649.56	351.06	298.50	2.176		
13,800.00	7,850.00	13,931.82	7,780.00	152.27	153.00	-83.83	3,103.07	4,949.21	650.46	346.76	303.71	2.142		
13,900.00	7,850.00	14,031.81	7,780.00	154.88	155.60	-83.84	3,103.36	5,049.21	651.36	342.45	308.92	2.109		
14,000.00	7,850.00	14,131.81	7,780.00	157.50	158.20	-83.85	3,103.64	5,149.20	652.26	338.13	314.13	2.076		
14,100.00	7,850.00	14,231.81	7,780.00	160.12	160.81	-83.86	3,103.93	5,249.20	653.16	333.81	319.35	2.045		
14,200.00	7,850.00	14,331.80	7,780.00	162.74	163.42	-83.86	3,104.21	5,349.19	654.06	329.49	324.57	2.015		
14,300.00	7,850.00	14,431.80	7,780.00	165.36	166.03	-83.87	3,104.50	5,449.19	654.96	325.16	329.80	1.986		
14,400.00	7,850.00	14,531.79	7,780.00	167.99	168.65	-83.88	3,104.79	5,549.18	655.86	320.83	335.04	1.958		
14,500.00	7,850.00	14,631.79	7,780.00	170.62	171.26	-83.89	3,105.07	5,649.18	656.76	316.49	340.27	1.930		
14,600.00	7,850.00	14,731.79	7,780.00	173.25	173.88	-83.90	3,105.36	5,749.18	657.66	312.15	345.52	1.903		
14,700.00	7,850.00	14,831.78	7,780.00	175.88	176.50	-83.91	3,105.65	5,849.17	658.56	307.80	350.76	1.878		
14,800.00	7,850.00	14,931.78	7,780.00	178.52	179.13	-83.92	3,105.93	5,949.17	659.46	303.45	356.01	1.852		
14,900.00	7,850.00	15,031.77	7,780.00	181.15	181.75	-83.92	3,106.22	6,049.16	660.36	299.10	361.26	1.828		
15,000.00	7,850.00	15,131.77	7,780.00	183.79	184.38	-83.93	3,106.50	6,149.16	661.26	294.74	366.52	1.804		
15,100.00	7,850.00	15,231.77	7,780.00	186.43	187.01	-83.94	3,106.79	6,249.15	662.16	290.38	371.78	1.781		
15,200.00	7,850.00	15,331.76	7,780.00	189.07	189.64	-83.95	3,107.08	6,349.15	663.06	286.02	377.04	1.759		
15,300.00	7,850.00	15,431.76	7,780.00	191.71	192.27	-83.96	3,107.36	6,449.14	663.96	281.65	382.31	1.737		
15,400.00	7,850.00	15,531.75	7,780.00	194.36	194.90	-83.96	3,107.65	6,549.14	664.86	277.29	387.57	1.715		
15,500.00	7,850.00	15,631.75	7,780.00	197.00	197.54	-83.97	3,107.94	6,649.14	665.76	272.91	392.85	1.695		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	15,731.75	7,780.00	199.65	200.18	-83.98	3,108.22	6,749.13	666.66	268.54	398.12	1.675		
15,700.00	7,850.00	15,831.74	7,780.00	202.30	202.82	-83.99	3,108.51	6,849.13	667.56	264.16	403.40	1.655		
15,800.00	7,850.00	15,931.74	7,780.00	204.94	205.46	-84.00	3,108.79	6,949.12	668.46	259.79	408.67	1.636		
15,900.00	7,850.00	16,031.73	7,780.00	207.59	208.10	-84.01	3,109.08	7,049.12	669.36	255.40	413.95	1.617		
16,000.00	7,850.00	16,131.73	7,780.00	210.25	210.74	-84.01	3,109.37	7,149.11	670.26	251.02	419.24	1.599		
16,100.00	7,850.00	16,231.72	7,780.00	212.90	213.38	-84.02	3,109.65	7,249.11	671.16	246.64	424.52	1.581		
16,200.00	7,850.00	16,331.72	7,780.00	215.55	216.03	-84.03	3,109.94	7,349.10	672.06	242.25	429.81	1.564		
16,300.00	7,850.00	16,431.72	7,780.00	218.20	218.67	-84.04	3,110.23	7,449.10	672.96	237.86	435.10	1.547		
16,400.00	7,850.00	16,531.71	7,780.00	220.86	221.32	-84.05	3,110.51	7,549.09	673.86	233.47	440.39	1.530		
16,500.00	7,850.00	16,631.71	7,780.00	223.52	223.97	-84.05	3,110.80	7,649.09	674.76	229.07	445.69	1.514		
16,600.00	7,850.00	16,731.70	7,780.00	226.17	226.62	-84.06	3,111.09	7,749.09	675.66	224.68	450.98	1.498	Level 3	
16,700.00	7,850.00	16,831.70	7,780.00	228.83	229.27	-84.07	3,111.37	7,849.08	676.56	220.28	456.28	1.483	Level 3	
16,800.00	7,850.00	16,931.70	7,780.00	231.49	231.92	-84.08	3,111.66	7,949.08	677.46	215.88	461.58	1.468	Level 3	
16,900.00	7,850.00	17,031.69	7,780.00	234.15	234.57	-84.09	3,111.94	8,049.07	678.36	211.48	466.88	1.453	Level 3	
17,000.00	7,850.00	17,131.69	7,780.00	236.81	237.23	-84.09	3,112.23	8,149.07	679.26	207.08	472.18	1.439	Level 3	
17,100.00	7,850.00	17,231.68	7,780.00	239.47	239.88	-84.10	3,112.52	8,249.06	680.16	202.68	477.48	1.424	Level 3	
17,200.00	7,850.00	17,331.68	7,780.00	242.13	242.53	-84.11	3,112.80	8,349.06	681.06	198.27	482.79	1.411	Level 3	
17,300.00	7,850.00	17,431.68	7,780.00	244.79	245.19	-84.12	3,113.09	8,449.05	681.96	193.86	488.10	1.397	Level 3	
17,400.00	7,850.00	17,531.67	7,780.00	247.46	247.85	-84.12	3,113.38	8,549.05	682.86	189.46	493.40	1.384	Level 3	
17,500.00	7,850.00	17,631.67	7,780.00	250.12	250.50	-84.13	3,113.66	8,649.05	683.76	185.05	498.71	1.371	Level 3	
17,600.00	7,850.00	17,731.66	7,780.00	252.79	253.16	-84.14	3,113.95	8,749.04	684.66	180.64	504.03	1.358	Level 3	
17,700.00	7,850.00	17,831.66	7,780.00	255.45	255.82	-84.15	3,114.23	8,849.04	685.56	176.22	509.34	1.346	Level 3	
17,800.00	7,850.00	17,931.66	7,780.00	258.12	258.48	-84.16	3,114.52	8,949.03	686.46	171.81	514.65	1.334	Level 3	
17,900.00	7,850.00	18,031.65	7,780.00	260.78	261.14	-84.16	3,114.81	9,049.03	687.36	167.40	519.97	1.322	Level 3	
18,000.00	7,850.00	18,131.65	7,780.00	263.45	263.80	-84.17	3,115.09	9,149.02	688.26	162.98	525.28	1.310	Level 3	
18,100.00	7,850.00	18,231.64	7,780.00	266.12	266.46	-84.18	3,115.38	9,249.02	689.16	158.56	530.60	1.299	Level 3	
18,200.00	7,850.00	18,331.64	7,780.00	268.79	269.12	-84.19	3,115.67	9,349.01	690.06	154.14	535.92	1.288	Level 3	
18,300.00	7,850.00	18,431.63	7,780.00	271.45	271.79	-84.19	3,115.95	9,449.01	690.96	149.73	541.24	1.277	Level 3	
18,400.00	7,850.00	18,531.63	7,780.00	274.12	274.45	-84.20	3,116.24	9,549.00	691.86	145.31	546.56	1.266	Level 3	
18,500.00	7,850.00	18,631.63	7,780.00	276.79	277.11	-84.21	3,116.52	9,649.00	692.76	140.88	551.88	1.255	Level 3	
18,600.00	7,850.00	18,731.62	7,780.00	279.46	279.78	-84.22	3,116.81	9,749.00	693.66	136.46	557.20	1.245	Level 2	
18,700.00	7,850.00	18,831.62	7,780.00	282.13	282.44	-84.22	3,117.10	9,848.99	694.56	132.04	562.52	1.235	Level 2	
18,800.00	7,850.00	18,931.61	7,780.00	284.80	285.11	-84.23	3,117.38	9,948.99	695.46	127.61	567.85	1.225	Level 2	
18,900.00	7,850.00	19,031.61	7,780.00	287.48	287.77	-84.24	3,117.67	10,048.98	696.36	123.19	573.17	1.215	Level 2	
19,000.00	7,850.00	19,131.61	7,780.00	290.15	290.44	-84.25	3,117.96	10,148.98	697.26	118.76	578.50	1.205	Level 2	
19,100.00	7,850.00	19,231.60	7,780.00	292.82	293.11	-84.25	3,118.24	10,248.97	698.16	114.34	583.83	1.196	Level 2	
19,200.00	7,850.00	19,331.60	7,780.00	295.49	295.77	-84.26	3,118.53	10,348.97	699.06	109.91	589.16	1.187	Level 2	
19,300.00	7,850.00	19,431.59	7,780.00	298.16	298.44	-84.27	3,118.82	10,448.96	699.97	105.48	594.48	1.177	Level 2	
19,400.00	7,850.00	19,531.59	7,780.00	300.84	301.11	-84.28	3,119.10	10,548.96	700.87	101.05	599.81	1.168	Level 2	
19,500.00	7,850.00	19,631.59	7,780.00	303.51	303.78	-84.28	3,119.39	10,648.96	701.77	96.62	605.15	1.160	Level 2	
19,600.00	7,850.00	19,731.58	7,780.00	306.19	306.45	-84.29	3,119.67	10,748.95	702.67	92.19	610.48	1.151	Level 2	
19,700.00	7,850.00	19,831.58	7,780.00	308.86	309.12	-84.30	3,119.96	10,848.95	703.57	87.76	615.81	1.143	Level 2	
19,800.00	7,850.00	19,931.57	7,780.00	311.54	311.79	-84.31	3,120.25	10,948.94	704.47	83.33	621.14	1.134	Level 2	
19,900.00	7,850.00	20,031.57	7,780.00	314.21	314.46	-84.31	3,120.53	11,048.94	705.37	78.89	626.48	1.126	Level 2	
20,000.00	7,850.00	20,131.56	7,780.00	316.89	317.13	-84.32	3,120.82	11,148.93	706.27	74.46	631.81	1.118	Level 2	
20,100.00	7,850.00	20,231.56	7,780.00	319.56	319.80	-84.33	3,121.11	11,248.93	707.17	70.02	637.14	1.110	Level 2	
20,200.00	7,850.00	20,331.56	7,780.00	322.24	322.47	-84.33	3,121.39	11,348.92	708.07	65.59	642.48	1.102	Level 2	
20,300.00	7,850.00	20,431.55	7,780.00	324.91	325.14	-84.34	3,121.68	11,448.92	708.97	61.15	647.82	1.094	Level 2	
20,400.00	7,850.00	20,531.55	7,780.00	327.59	327.81	-84.35	3,121.96	11,548.91	709.87	56.72	653.15	1.087	Level 2	
20,500.00	7,850.00	20,631.54	7,780.00	330.27	330.49	-84.36	3,122.25	11,648.91	710.77	52.28	658.49	1.079	Level 2	
20,600.00	7,850.00	20,731.54	7,780.00	332.95	333.16	-84.36	3,122.54	11,748.91	711.67	47.84	663.83	1.072	Level 2	
20,700.00	7,850.00	20,831.54	7,780.00	335.62	335.83	-84.37	3,122.82	11,848.90	712.57	43.40	669.17	1.065	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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,800.00	7,850.00	20,931.53	7,780.00	338.30	338.50	-84.38	3,123.11	11,948.90	713.47	38.96	674.51	1.058	Level 2
20,900.00	7,850.00	21,031.53	7,780.00	340.98	341.18	-84.38	3,123.40	12,048.89	714.37	34.52	679.85	1.051	Level 2
21,000.00	7,850.00	21,131.52	7,780.00	343.66	343.85	-84.39	3,123.68	12,148.89	715.27	30.08	685.19	1.044	Level 2
21,100.00	7,850.00	21,231.52	7,780.00	346.34	346.53	-84.40	3,123.97	12,248.88	716.17	25.64	690.53	1.037	Level 2
21,200.00	7,850.00	21,331.52	7,780.00	349.01	349.20	-84.41	3,124.25	12,348.88	717.07	21.20	695.87	1.030	Level 2
21,300.00	7,850.00	21,431.51	7,780.00	351.69	351.88	-84.41	3,124.54	12,448.87	717.97	16.76	701.22	1.024	Level 2
21,400.00	7,850.00	21,531.51	7,780.00	354.37	354.55	-84.42	3,124.83	12,548.87	718.88	12.32	706.56	1.017	Level 2
21,500.00	7,850.00	21,631.50	7,780.00	357.05	357.23	-84.43	3,125.11	12,648.87	719.78	7.87	711.90	1.011	Level 2
21,600.00	7,850.00	21,731.50	7,780.00	359.73	359.90	-84.43	3,125.40	12,748.86	720.68	3.43	717.25	1.005	Level 2
21,700.00	7,850.00	21,831.50	7,780.00	362.41	362.58	-84.44	3,125.69	12,848.86	721.58	-1.01	722.59	0.999	Level 1
21,800.00	7,850.00	21,931.49	7,780.00	365.09	365.25	-84.45	3,125.97	12,948.85	722.48	-5.46	727.94	0.993	Level 1
21,900.00	7,850.00	22,031.49	7,780.00	367.77	367.93	-84.45	3,126.26	13,048.85	723.38	-9.90	733.28	0.986	Level 1
22,000.00	7,850.00	22,131.48	7,780.00	370.45	370.61	-84.46	3,126.54	13,148.84	724.28	-14.35	738.63	0.981	Level 1
22,100.00	7,850.00	22,231.48	7,780.00	373.14	373.28	-84.47	3,126.83	13,248.84	725.18	-18.79	743.97	0.975	Level 1
22,200.00	7,850.00	22,331.47	7,780.00	375.82	375.96	-84.48	3,127.12	13,348.83	726.08	-23.24	749.32	0.969	Level 1
22,300.00	7,850.00	22,431.47	7,780.00	378.50	378.64	-84.48	3,127.40	13,448.83	726.98	-27.69	754.67	0.963	Level 1
22,400.00	7,850.00	22,531.47	7,780.00	381.18	381.32	-84.49	3,127.69	13,548.82	727.88	-32.13	760.02	0.958	Level 1
22,500.00	7,850.00	22,631.46	7,780.00	383.86	383.99	-84.50	3,127.98	13,648.82	728.78	-36.58	765.36	0.952	Level 1
22,600.00	7,850.00	22,731.46	7,780.00	386.54	386.67	-84.50	3,128.26	13,748.82	729.68	-41.03	770.71	0.947	Level 1
22,700.00	7,850.00	22,831.45	7,780.00	389.22	389.35	-84.51	3,128.55	13,848.81	730.58	-45.48	776.06	0.941	Level 1
22,800.00	7,850.00	22,931.45	7,780.00	391.91	392.03	-84.52	3,128.84	13,948.81	731.48	-49.93	781.41	0.936	Level 1
22,900.00	7,850.00	23,031.45	7,780.00	394.59	394.71	-84.52	3,129.12	14,048.80	732.39	-54.38	786.76	0.931	Level 1
23,000.00	7,850.00	23,131.44	7,780.00	397.27	397.38	-84.53	3,129.41	14,148.80	733.29	-58.82	792.11	0.926	Level 1
23,100.00	7,850.00	23,231.44	7,780.00	399.95	400.06	-84.54	3,129.69	14,248.79	734.19	-63.27	797.46	0.921	Level 1
23,200.00	7,850.00	23,331.43	7,780.00	402.64	402.74	-84.54	3,129.98	14,348.79	735.09	-67.72	802.81	0.916	Level 1
23,300.00	7,850.00	23,431.43	7,780.00	405.32	405.42	-84.55	3,130.27	14,448.78	735.99	-72.18	808.16	0.911	Level 1
23,400.00	7,850.00	23,531.43	7,780.00	408.00	408.10	-84.56	3,130.55	14,548.78	736.89	-76.63	813.52	0.906	Level 1
23,500.00	7,850.00	23,631.42	7,780.00	410.69	410.78	-84.56	3,130.84	14,648.78	737.79	-81.08	818.87	0.901	Level 1
23,600.00	7,850.00	23,731.42	7,780.00	413.37	413.46	-84.57	3,131.13	14,748.77	738.69	-85.53	824.22	0.896	Level 1
23,700.00	7,850.00	23,831.41	7,780.00	416.05	416.14	-84.58	3,131.41	14,848.77	739.59	-89.98	829.57	0.892	Level 1
23,800.00	7,850.00	23,931.41	7,780.00	418.74	418.82	-84.58	3,131.70	14,948.76	740.49	-94.43	834.93	0.887	Level 1
23,900.00	7,850.00	24,031.41	7,780.00	421.42	421.50	-84.59	3,131.98	15,048.76	741.39	-98.89	840.28	0.882	Level 1
24,000.00	7,850.00	24,131.40	7,780.00	424.11	424.18	-84.60	3,132.27	15,148.75	742.29	-103.34	845.63	0.878	Level 1
24,092.24	7,850.00	24,223.63	7,780.00	426.58	426.65	-84.60	3,132.53	15,240.98	743.13	-107.45	850.57	0.874	Level 1, ES, SF

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.10	0.10	0.00	0.00	180.00	-20.03	0.00	20.03					
100.00	100.00	100.10	100.10	0.13	0.13	180.00	-20.03	0.00	20.03	19.77	0.27	74.420		
200.00	200.00	200.10	200.10	0.49	0.49	180.00	-20.03	0.00	20.03	19.05	0.99	20.316 CC		
300.00	299.98	300.08	300.08	0.85	0.85	-162.49	-20.03	0.00	21.69	19.99	1.70	12.727		
400.00	399.84	400.78	400.76	1.22	1.21	-164.51	-18.42	-0.73	25.08	22.65	2.43	10.337		
500.00	499.45	501.60	501.44	1.59	1.58	-165.39	-13.58	-2.94	28.57	25.42	3.15	9.070		
600.00	598.70	602.55	601.98	1.97	1.95	-165.48	-5.51	-6.62	32.12	28.25	3.88	8.288		
700.00	697.47	703.60	702.27	2.38	2.34	-165.02	5.80	-11.76	35.75	31.14	4.61	7.756		
800.00	795.62	804.78	802.17	2.82	2.75	-164.16	20.33	-18.38	39.44	34.09	5.35	7.367		
900.00	893.06	906.06	901.55	3.29	3.18	-163.00	38.09	-26.47	43.21	37.10	6.11	7.067		
1,000.00	989.64	1,007.45	1,000.28	3.80	3.65	-161.63	59.06	-36.02	47.07	40.17	6.90	6.822		
1,100.00	1,085.27	1,108.94	1,098.24	4.35	4.17	-160.09	83.22	-47.02	51.02	43.31	7.72	6.613		
1,200.00	1,179.82	1,209.01	1,194.22	4.95	4.70	-159.07	108.97	-58.75	56.29	47.71	8.58	6.561		
1,300.00	1,273.63	1,308.74	1,289.87	5.58	5.25	-158.96	134.66	-70.45	63.57	54.12	9.45	6.726		
1,400.00	1,367.44	1,408.47	1,385.53	6.22	5.80	-158.89	160.35	-82.15	70.88	60.55	10.33	6.860		
1,500.00	1,461.25	1,508.21	1,481.18	6.87	6.37	-158.84	186.04	-93.85	78.20	66.97	11.22	6.968		
1,600.00	1,555.06	1,607.94	1,576.83	7.52	6.93	-158.79	211.73	-105.55	85.51	73.39	12.12	7.056		
1,700.00	1,648.86	1,707.67	1,672.49	8.18	7.50	-158.76	237.42	-117.25	92.82	79.80	13.02	7.129		
1,800.00	1,742.67	1,807.40	1,768.14	8.84	8.08	-158.72	263.11	-128.95	100.14	86.21	13.93	7.191		
1,900.00	1,836.48	1,907.14	1,863.80	9.51	8.66	-158.69	288.80	-140.65	107.45	92.62	14.83	7.243		
2,000.00	1,930.29	2,006.87	1,959.45	10.18	9.23	-158.67	314.49	-152.35	114.76	99.02	15.75	7.288		
2,100.00	2,024.10	2,106.60	2,055.10	10.85	9.81	-158.65	340.18	-164.05	122.08	105.42	16.66	7.327		
2,200.00	2,117.90	2,206.33	2,150.76	11.52	10.40	-158.63	365.87	-175.75	129.39	111.81	17.58	7.362		
2,300.00	2,211.71	2,306.06	2,246.41	12.19	10.98	-158.61	391.56	-187.45	136.70	118.21	18.49	7.392		
2,400.00	2,305.52	2,405.80	2,342.06	12.87	11.56	-158.60	417.25	-199.15	144.02	124.60	19.41	7.419		
2,500.00	2,399.33	2,505.53	2,437.72	13.54	12.15	-158.58	442.94	-210.85	151.33	131.00	20.33	7.442		
2,600.00	2,493.13	2,605.26	2,533.37	14.22	12.73	-158.57	468.63	-222.55	158.64	137.39	21.25	7.464		
2,700.00	2,586.94	2,704.99	2,629.03	14.89	13.32	-158.56	494.32	-234.25	165.96	143.78	22.18	7.483		
2,800.00	2,680.75	2,804.73	2,724.68	15.57	13.91	-158.55	520.01	-245.95	173.27	150.17	23.10	7.501		
2,900.00	2,774.56	2,904.46	2,820.33	16.25	14.49	-158.54	545.70	-257.65	180.58	156.56	24.02	7.517		
3,000.00	2,868.36	3,004.19	2,915.99	16.93	15.08	-158.53	571.39	-269.35	187.90	162.95	24.95	7.531		
3,100.00	2,962.17	3,103.92	3,011.64	17.61	15.67	-158.52	597.08	-281.06	195.21	169.34	25.87	7.545		
3,200.00	3,055.98	3,203.65	3,107.29	18.28	16.26	-158.51	622.77	-292.76	202.52	175.72	26.80	7.557		
3,300.00	3,149.79	3,303.39	3,202.95	18.96	16.84	-158.50	648.46	-304.46	209.84	182.11	27.73	7.568		
3,400.00	3,243.60	3,403.12	3,298.60	19.64	17.43	-158.50	674.15	-316.16	217.15	188.50	28.65	7.579		
3,500.00	3,337.40	3,502.85	3,394.25	20.32	18.02	-158.49	699.84	-327.86	224.46	194.88	29.58	7.588		
3,600.00	3,431.21	3,602.58	3,489.91	21.00	18.61	-158.49	725.53	-339.56	231.78	201.27	30.51	7.597		
3,700.00	3,525.02	3,702.32	3,585.56	21.68	19.20	-158.48	751.22	-351.26	239.09	207.65	31.43	7.606		
3,800.00	3,618.83	3,802.05	3,681.22	22.36	19.79	-158.47	776.91	-362.96	246.40	214.04	32.36	7.614		
3,900.00	3,712.63	3,901.78	3,776.87	23.04	20.38	-158.47	802.60	-374.66	253.72	220.42	33.29	7.621		
4,000.00	3,806.44	4,001.51	3,872.52	23.72	20.97	-158.46	828.29	-386.36	261.03	226.81	34.22	7.628		
4,100.00	3,900.25	4,101.24	3,968.18	24.41	21.56	-158.46	853.98	-398.06	268.34	233.19	35.15	7.635		
4,200.00	3,994.06	4,200.98	4,063.83	25.09	22.15	-158.46	879.67	-409.76	275.66	239.58	36.08	7.641		
4,300.00	4,087.86	4,300.71	4,159.48	25.77	22.74	-158.45	905.36	-421.46	282.97	245.96	37.01	7.646		
4,400.00	4,181.67	4,400.44	4,255.14	26.45	23.33	-158.45	931.05	-433.16	290.28	252.35	37.94	7.652		
4,500.00	4,275.48	4,500.17	4,350.79	27.13	23.92	-158.45	956.74	-444.86	297.60	258.73	38.87	7.657		
4,600.00	4,369.29	4,600.09	4,446.45	27.81	24.51	-158.44	982.43	-456.56	304.91	265.11	39.80	7.662		
4,700.00	4,463.10	4,700.36	4,542.10	28.49	25.11	-158.44	1,008.12	-468.26	312.22	271.49	40.73	7.666		
4,800.00	4,556.90	4,800.63	4,637.75	29.17	25.70	-158.44	1,033.81	-479.96	319.54	277.88	41.66	7.670		
4,900.00	4,650.71	4,900.90	4,733.41	29.86	26.29	-158.43	1,059.50	-491.66	326.85	284.26	42.59	7.674		
5,000.00	4,744.52	5,001.17	4,829.06	30.54	26.89	-158.43	1,085.19	-503.36	334.16	290.64	43.53	7.677		
5,100.00	4,838.33	5,101.43	4,924.71	31.22	27.48	-158.43	1,110.88	-515.06	341.48	297.02	44.46	7.681		

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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	5,198.30	5,020.37	31.90	28.06	-158.42	1,136.57	-526.76	348.79	303.41	45.38	7.687		
5,300.00	5,025.94	5,301.97	5,116.02	32.58	28.67	-158.42	1,162.27	-538.46	356.10	309.78	46.32	7.687		
5,400.00	5,119.75	5,402.24	5,211.68	33.26	29.27	-158.42	1,187.96	-550.16	363.42	316.16	47.26	7.690		
5,500.00	5,213.56	5,502.50	5,307.33	33.95	29.86	-158.42	1,213.65	-561.86	370.73	322.54	48.19	7.693		
5,600.00	5,307.36	5,602.77	5,402.98	34.63	30.45	-158.42	1,239.34	-573.56	378.04	328.92	49.12	7.696		
5,700.00	5,401.17	5,703.04	5,498.64	35.31	31.05	-158.41	1,265.03	-585.26	385.36	335.30	50.06	7.698		
5,800.00	5,494.98	5,803.31	5,594.29	35.99	31.64	-158.41	1,290.72	-596.96	392.67	341.68	50.99	7.701		
5,900.00	5,588.79	5,903.58	5,689.94	36.68	32.24	-158.41	1,316.41	-608.66	399.98	348.06	51.92	7.703		
6,000.00	5,682.59	6,003.84	5,785.60	37.36	32.83	-158.41	1,342.10	-620.36	407.30	354.44	52.86	7.705		
6,100.00	5,776.40	6,104.11	5,881.25	38.04	33.43	-158.41	1,367.79	-632.06	414.61	360.82	53.79	7.708		
6,200.00	5,870.21	6,195.62	5,976.91	38.72	33.97	-158.40	1,393.48	-643.76	421.92	367.24	54.69	7.715		
6,300.00	5,964.02	6,295.35	6,072.56	39.40	34.56	-158.40	1,419.17	-655.46	429.24	373.62	55.62	7.718		
6,400.00	6,057.83	6,404.91	6,168.21	40.09	35.21	-158.40	1,444.86	-667.16	436.55	379.96	56.59	7.714		
6,500.00	6,151.63	6,494.82	6,263.87	40.77	35.75	-158.40	1,470.55	-678.86	443.86	386.38	57.48	7.722		
6,600.00	6,245.44	6,605.45	6,359.52	41.45	36.40	-158.40	1,496.24	-690.56	451.18	392.72	58.46	7.718		
6,700.00	6,339.25	6,705.72	6,455.17	42.13	37.00	-158.40	1,521.93	-702.26	458.49	399.09	59.39	7.719		
6,800.00	6,433.06	6,805.99	6,550.83	42.82	37.59	-158.39	1,547.62	-713.96	465.80	405.47	60.33	7.721		
6,900.00	6,526.86	6,906.25	6,646.48	43.50	38.19	-158.39	1,573.31	-725.66	473.12	411.85	61.26	7.723		
7,000.00	6,620.67	7,006.52	6,742.14	44.18	38.78	-158.39	1,599.00	-737.36	480.43	418.23	62.20	7.724		
7,100.00	6,714.48	7,106.79	6,837.79	44.86	39.38	-158.39	1,624.69	-749.06	487.74	424.61	63.13	7.726		
7,200.00	6,808.29	7,192.94	6,933.44	45.55	39.89	-158.39	1,650.38	-760.76	495.06	431.06	64.00	7.735		
7,300.00	6,902.09	7,307.32	7,029.10	46.23	40.57	-158.39	1,676.07	-772.46	502.37	437.37	65.00	7.729		
7,400.00	6,995.90	7,392.41	7,124.75	46.91	41.07	-158.39	1,701.76	-784.16	509.68	443.82	65.86	7.738		
7,500.00	7,089.71	7,494.39	7,222.87	47.59	41.65	-158.80	1,728.06	-792.37	516.85	450.25	66.61	7.760		
7,600.00	7,183.52	7,593.78	7,318.46	48.28	42.10	-160.98	1,753.45	-784.05	523.83	457.32	66.52	7.875		
7,700.00	7,277.41	7,684.42	7,403.32	48.95	42.40	-173.44	1,775.79	-761.67	532.37	466.48	65.89	8.080		
7,800.00	7,371.68	7,769.23	7,478.74	49.54	42.60	154.30	1,795.45	-728.45	543.45	478.11	65.34	8.317		
7,900.00	7,464.05	7,850.47	7,545.84	50.01	42.73	129.25	1,812.77	-686.18	556.22	491.27	64.95	8.563		
8,000.00	7,551.70	7,928.92	7,604.56	50.36	42.79	112.92	1,827.74	-636.46	569.73	505.09	64.64	8.813		
8,100.00	7,631.98	8,005.21	7,654.89	50.61	42.81	102.24	1,840.40	-580.62	583.05	518.66	64.39	9.055		
8,200.00	7,702.44	8,079.86	7,696.80	50.75	42.78	94.96	1,850.73	-519.78	595.38	531.12	64.25	9.266		
8,300.00	7,760.95	8,153.26	7,730.24	50.81	42.73	89.94	1,858.75	-454.98	606.03	541.70	64.32	9.421		
8,400.00	7,805.72	8,225.79	7,755.16	50.80	42.64	86.56	1,864.45	-387.17	614.46	549.72	64.74	9.491		
8,500.00	7,835.40	8,300.00	7,771.91	50.72	42.52	84.49	1,867.92	-315.01	620.28	554.72	65.56	9.462		
8,600.00	7,849.08	8,369.37	7,779.31	50.60	42.40	83.60	1,868.93	-246.08	623.23	556.35	66.87	9.319		
8,700.00	7,850.00	8,457.97	7,780.00	50.45	42.24	83.55	1,867.88	-157.50	624.06	555.73	68.33	9.133		
8,800.00	7,850.00	8,557.97	7,780.00	50.32	42.07	83.56	1,866.48	-57.51	624.83	554.86	69.97	8.930		
8,900.00	7,850.00	8,657.97	7,780.00	50.22	41.93	83.57	1,865.08	42.48	625.60	553.63	71.97	8.692		
9,000.00	7,850.00	8,757.97	7,780.00	50.15	41.81	83.57	1,863.69	142.47	626.37	552.07	74.31	8.429		
9,100.00	7,850.00	8,857.96	7,780.00	50.11	41.72	83.58	1,862.29	242.45	627.15	550.20	76.94	8.151		
9,200.00	7,850.00	8,957.96	7,780.00	50.12	41.74	83.59	1,860.90	342.44	627.92	548.06	79.86	7.862		
9,300.00	7,850.00	9,057.96	7,780.00	50.20	42.51	83.60	1,859.50	442.43	628.69	545.67	83.02	7.573		
9,400.00	7,850.00	9,157.95	7,780.00	50.42	44.15	83.61	1,858.10	542.42	629.46	543.07	86.39	7.286		
9,500.00	7,850.00	9,257.95	7,780.00	50.87	45.98	83.61	1,856.71	642.40	630.24	540.28	89.96	7.006		
9,600.00	7,850.00	9,357.95	7,780.00	51.72	47.91	83.62	1,855.31	742.39	631.01	537.31	93.70	6.734		
9,700.00	7,850.00	9,457.94	7,780.00	53.02	49.91	83.63	1,853.92	842.38	631.78	534.19	97.59	6.474		
9,800.00	7,850.00	9,557.94	7,780.00	54.65	51.97	83.64	1,852.52	942.36	632.55	530.94	101.62	6.225		
9,900.00	7,850.00	9,657.94	7,780.00	56.50	54.08	83.64	1,851.13	1,042.35	633.33	527.57	105.76	5.988		
10,000.00	7,850.00	9,757.93	7,780.00	58.48	56.25	83.65	1,849.73	1,142.34	634.10	524.09	110.01	5.764		
10,100.00	7,850.00	9,857.93	7,780.00	60.55	58.45	83.66	1,848.33	1,242.33	634.87	520.52	114.35	5.552		
10,200.00	7,850.00	9,957.93	7,780.00	62.69	60.69	83.67	1,846.94	1,342.31	635.65	516.86	118.78	5.351		
10,300.00	7,850.00	10,057.93	7,780.00	64.88	62.97	83.68	1,845.54	1,442.30	636.42	513.14	123.28	5.162		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	10,157.92	7,780.00	67.11	65.27	83.68	1,844.15	1,542.29	637.19	509.34	127.85	4.984		
10,500.00	7,850.00	10,257.92	7,780.00	69.38	67.61	83.69	1,842.75	1,642.27	637.96	505.48	132.48	4.816		
10,600.00	7,850.00	10,357.92	7,780.00	71.68	69.96	83.70	1,841.35	1,742.26	638.74	501.58	137.16	4.657		
10,700.00	7,850.00	10,457.91	7,780.00	74.00	72.34	83.71	1,839.96	1,842.25	639.51	497.62	141.89	4.507		
10,800.00	7,850.00	10,557.91	7,780.00	76.36	74.74	83.71	1,838.56	1,942.24	640.28	493.62	146.66	4.366		
10,900.00	7,850.00	10,657.91	7,780.00	78.73	77.16	83.72	1,837.17	2,042.22	641.05	489.58	151.48	4.232		
11,000.00	7,850.00	10,757.90	7,780.00	81.13	79.60	83.73	1,835.77	2,142.21	641.83	485.50	156.32	4.106		
11,100.00	7,850.00	10,857.90	7,780.00	83.54	82.05	83.74	1,834.37	2,242.20	642.60	481.39	161.21	3.986		
11,200.00	7,850.00	10,957.90	7,780.00	85.97	84.52	83.74	1,832.98	2,342.19	643.37	477.25	166.12	3.873		
11,300.00	7,850.00	11,057.90	7,780.00	88.42	87.00	83.75	1,831.58	2,442.17	644.14	473.09	171.06	3.766		
11,400.00	7,850.00	11,157.89	7,780.00	90.88	89.49	83.76	1,830.19	2,542.16	644.92	468.90	176.02	3.664		
11,500.00	7,850.00	11,257.89	7,780.00	93.35	91.99	83.77	1,828.79	2,642.15	645.69	464.68	181.01	3.567		
11,600.00	7,850.00	11,357.89	7,780.00	95.83	94.50	83.77	1,827.40	2,742.13	646.46	460.45	186.02	3.475		
11,700.00	7,850.00	11,457.88	7,780.00	98.33	97.03	83.78	1,826.00	2,842.12	647.24	456.19	191.04	3.388		
11,800.00	7,850.00	11,557.88	7,780.00	100.83	99.56	83.79	1,824.60	2,942.11	648.01	451.92	196.09	3.305		
11,900.00	7,850.00	11,657.88	7,780.00	103.35	102.10	83.80	1,823.21	3,042.10	648.78	447.63	201.15	3.225		
12,000.00	7,850.00	11,757.87	7,780.00	105.87	104.64	83.80	1,821.81	3,142.08	649.55	443.33	206.23	3.150		
12,100.00	7,850.00	11,857.87	7,780.00	108.40	107.20	83.81	1,820.42	3,242.07	650.33	439.01	211.32	3.077		
12,200.00	7,850.00	11,957.87	7,780.00	110.94	109.76	83.82	1,819.02	3,342.06	651.10	434.67	216.43	3.008		
12,300.00	7,850.00	12,057.87	7,780.00	113.48	112.32	83.83	1,817.62	3,442.05	651.87	430.33	221.54	2.942		
12,400.00	7,850.00	12,157.86	7,780.00	116.04	114.90	83.83	1,816.23	3,542.03	652.65	425.97	226.67	2.879		
12,500.00	7,850.00	12,257.86	7,780.00	118.59	117.47	83.84	1,814.83	3,642.02	653.42	421.61	231.81	2.819		
12,600.00	7,850.00	12,357.86	7,780.00	121.16	120.06	83.85	1,813.44	3,742.01	654.19	417.23	236.96	2.761		
12,700.00	7,850.00	12,457.85	7,780.00	123.73	122.64	83.86	1,812.04	3,841.99	654.96	412.84	242.12	2.705		
12,800.00	7,850.00	12,557.85	7,780.00	126.30	125.23	83.86	1,810.65	3,941.98	655.74	408.45	247.29	2.652		
12,900.00	7,850.00	12,657.85	7,780.00	128.88	127.83	83.87	1,809.25	4,041.97	656.51	404.04	252.47	2.600		
13,000.00	7,850.00	12,757.84	7,780.00	131.46	130.43	83.88	1,807.85	4,141.96	657.28	399.63	257.65	2.551		
13,100.00	7,850.00	12,857.84	7,780.00	134.05	133.03	83.88	1,806.46	4,241.94	658.06	395.21	262.85	2.504		
13,200.00	7,850.00	12,957.84	7,780.00	136.64	135.64	83.89	1,805.06	4,341.93	658.83	390.78	268.04	2.458		
13,300.00	7,850.00	13,057.84	7,780.00	139.24	138.25	83.90	1,803.67	4,441.92	659.60	386.35	273.25	2.414		
13,400.00	7,850.00	13,157.83	7,780.00	141.84	140.86	83.91	1,802.27	4,541.90	660.37	381.91	278.46	2.372		
13,500.00	7,850.00	13,257.83	7,780.00	144.44	143.48	83.91	1,800.87	4,641.89	661.15	377.47	283.68	2.331		
13,600.00	7,850.00	13,357.83	7,780.00	147.05	146.10	83.92	1,799.48	4,741.88	661.92	373.02	288.90	2.291		
13,700.00	7,850.00	13,457.82	7,780.00	149.66	148.72	83.93	1,798.08	4,841.87	662.69	368.56	294.13	2.253		
13,800.00	7,850.00	13,557.82	7,780.00	152.27	151.35	83.93	1,796.69	4,941.85	663.47	364.10	299.37	2.216		
13,900.00	7,850.00	13,657.82	7,780.00	154.88	153.97	83.94	1,795.29	5,041.84	664.24	359.63	304.61	2.181		
14,000.00	7,850.00	13,757.81	7,780.00	157.50	156.60	83.95	1,793.89	5,141.83	665.01	355.16	309.85	2.146		
14,100.00	7,850.00	13,857.81	7,780.00	160.12	159.23	83.96	1,792.50	5,241.82	665.78	350.69	315.10	2.113		
14,200.00	7,850.00	13,957.81	7,780.00	162.74	161.87	83.96	1,791.10	5,341.80	666.56	346.21	320.35	2.081		
14,300.00	7,850.00	14,057.81	7,780.00	165.36	164.50	83.97	1,789.71	5,441.79	667.33	341.73	325.60	2.050		
14,400.00	7,850.00	14,157.80	7,780.00	167.99	167.14	83.98	1,788.31	5,541.78	668.10	337.24	330.86	2.019		
14,500.00	7,850.00	14,257.80	7,780.00	170.62	169.78	83.98	1,786.92	5,641.76	668.88	332.75	336.12	1.990		
14,600.00	7,850.00	14,357.80	7,780.00	173.25	172.42	83.99	1,785.52	5,741.75	669.65	328.26	341.39	1.962		
14,700.00	7,850.00	14,457.79	7,780.00	175.88	175.06	84.00	1,784.12	5,841.74	670.42	323.76	346.66	1.934		
14,800.00	7,850.00	14,557.79	7,780.00	178.52	177.71	84.00	1,782.73	5,941.73	671.20	319.26	351.93	1.907		
14,900.00	7,850.00	14,657.79	7,780.00	181.15	180.35	84.01	1,781.33	6,041.71	671.97	314.76	357.21	1.881		
15,000.00	7,850.00	14,757.78	7,780.00	183.79	183.00	84.02	1,779.94	6,141.70	672.74	310.26	362.49	1.856		
15,100.00	7,850.00	14,857.78	7,780.00	186.43	185.65	84.03	1,778.54	6,241.69	673.52	305.75	367.77	1.831		
15,200.00	7,850.00	14,957.78	7,780.00	189.07	188.30	84.03	1,777.14	6,341.68	674.29	301.24	373.05	1.808		
15,300.00	7,850.00	15,057.77	7,780.00	191.71	190.95	84.04	1,775.75	6,441.66	675.06	296.73	378.34	1.784		
15,400.00	7,850.00	15,157.77	7,780.00	194.36	193.60	84.05	1,774.35	6,541.65	675.83	292.21	383.62	1.762		
15,500.00	7,850.00	15,257.77	7,780.00	197.00	196.26	84.05	1,772.96	6,641.64	676.61	287.69	388.92	1.740		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	15,357.77	7,780.00	199.65	198.91	84.06	1,771.56	6,741.62	677.38	283.17	394.21	1.718		
15,700.00	7,850.00	15,457.76	7,780.00	202.30	201.57	84.07	1,770.17	6,841.61	678.15	278.65	399.50	1.697		
15,800.00	7,850.00	15,557.76	7,780.00	204.94	204.22	84.07	1,768.77	6,941.60	678.93	274.13	404.80	1.677		
15,900.00	7,850.00	15,657.76	7,780.00	207.59	206.88	84.08	1,767.37	7,041.59	679.70	269.60	410.10	1.657		
16,000.00	7,850.00	15,757.75	7,780.00	210.25	209.54	84.09	1,765.98	7,141.57	680.47	265.07	415.40	1.638		
16,100.00	7,850.00	15,857.75	7,780.00	212.90	212.20	84.09	1,764.58	7,241.56	681.25	260.54	420.70	1.619		
16,200.00	7,850.00	15,957.75	7,780.00	215.55	214.86	84.10	1,763.19	7,341.55	682.02	256.01	426.01	1.601		
16,300.00	7,850.00	16,057.74	7,780.00	218.20	217.52	84.11	1,761.79	7,441.53	682.79	251.48	431.32	1.583		
16,400.00	7,850.00	16,157.74	7,780.00	220.86	220.18	84.11	1,760.39	7,541.52	683.57	246.94	436.62	1.566		
16,500.00	7,850.00	16,257.74	7,780.00	223.52	222.85	84.12	1,759.00	7,641.51	684.34	242.41	441.93	1.549		
16,600.00	7,850.00	16,357.74	7,780.00	226.17	225.51	84.13	1,757.60	7,741.50	685.11	237.87	447.24	1.532		
16,700.00	7,850.00	16,457.73	7,780.00	228.83	228.17	84.13	1,756.21	7,841.48	685.89	233.33	452.56	1.516		
16,800.00	7,850.00	16,557.73	7,780.00	231.49	230.84	84.14	1,754.81	7,941.47	686.66	228.79	457.87	1.500 Level 3		
16,900.00	7,850.00	16,657.73	7,780.00	234.15	233.51	84.15	1,753.41	8,041.46	687.43	224.25	463.19	1.484 Level 3		
17,000.00	7,850.00	16,757.72	7,780.00	236.81	236.17	84.15	1,752.02	8,141.45	688.21	219.70	468.50	1.469 Level 3		
17,100.00	7,850.00	16,857.72	7,780.00	239.47	238.84	84.16	1,750.62	8,241.43	688.98	215.16	473.82	1.454 Level 3		
17,200.00	7,850.00	16,957.72	7,780.00	242.13	241.51	84.17	1,749.23	8,341.42	689.75	210.61	479.14	1.440 Level 3		
17,300.00	7,850.00	17,057.71	7,780.00	244.79	244.18	84.17	1,747.83	8,441.41	690.53	206.06	484.46	1.425 Level 3		
17,400.00	7,850.00	17,157.71	7,780.00	247.46	246.84	84.18	1,746.44	8,541.39	691.30	201.52	489.78	1.411 Level 3		
17,500.00	7,850.00	17,257.71	7,780.00	250.12	249.51	84.19	1,745.04	8,641.38	692.07	196.97	495.11	1.398 Level 3		
17,600.00	7,850.00	17,357.71	7,780.00	252.79	252.18	84.19	1,743.64	8,741.37	692.85	192.41	500.43	1.384 Level 3		
17,700.00	7,850.00	17,457.70	7,780.00	255.45	254.86	84.20	1,742.25	8,841.36	693.62	187.86	505.76	1.371 Level 3		
17,800.00	7,850.00	17,557.70	7,780.00	258.12	257.53	84.21	1,740.85	8,941.34	694.39	183.31	511.08	1.359 Level 3		
17,900.00	7,850.00	17,657.70	7,780.00	260.78	260.20	84.21	1,739.46	9,041.33	695.17	178.76	516.41	1.346 Level 3		
18,000.00	7,850.00	17,757.69	7,780.00	263.45	262.87	84.22	1,738.06	9,141.32	695.94	174.20	521.74	1.334 Level 3		
18,100.00	7,850.00	17,857.69	7,780.00	266.12	265.54	84.23	1,736.66	9,241.31	696.71	169.64	527.07	1.322 Level 3		
18,200.00	7,850.00	17,957.69	7,780.00	268.79	268.22	84.23	1,735.27	9,341.29	697.49	165.09	532.40	1.310 Level 3		
18,300.00	7,850.00	18,057.68	7,780.00	271.45	270.89	84.24	1,733.87	9,441.28	698.26	160.53	537.73	1.299 Level 3		
18,400.00	7,850.00	18,157.68	7,780.00	274.12	273.57	84.24	1,732.48	9,541.27	699.03	155.97	543.06	1.287 Level 3		
18,500.00	7,850.00	18,257.68	7,780.00	276.79	276.24	84.25	1,731.08	9,641.25	699.81	151.41	548.40	1.276 Level 3		
18,600.00	7,850.00	18,357.68	7,780.00	279.46	278.92	84.26	1,729.69	9,741.24	700.58	146.85	553.73	1.265 Level 3		
18,700.00	7,850.00	18,457.67	7,780.00	282.13	281.59	84.26	1,728.29	9,841.23	701.35	142.29	559.06	1.255 Level 3		
18,800.00	7,850.00	18,557.67	7,780.00	284.80	284.27	84.27	1,726.89	9,941.22	702.13	137.73	564.40	1.244 Level 2		
18,900.00	7,850.00	18,657.67	7,780.00	287.48	286.94	84.28	1,725.50	10,041.20	702.90	133.16	569.74	1.234 Level 2		
19,000.00	7,850.00	18,757.66	7,780.00	290.15	289.62	84.28	1,724.10	10,141.19	703.67	128.60	575.07	1.224 Level 2		
19,100.00	7,850.00	18,857.66	7,780.00	292.82	292.30	84.29	1,722.71	10,241.18	704.45	124.04	580.41	1.214 Level 2		
19,200.00	7,850.00	18,957.66	7,780.00	295.49	294.97	84.30	1,721.31	10,341.16	705.22	119.47	585.75	1.204 Level 2		
19,300.00	7,850.00	19,057.65	7,780.00	298.16	297.65	84.30	1,719.91	10,441.15	705.99	114.91	591.09	1.194 Level 2		
19,400.00	7,850.00	19,157.65	7,780.00	300.84	300.33	84.31	1,718.52	10,541.14	706.77	110.34	596.43	1.185 Level 2		
19,500.00	7,850.00	19,257.65	7,780.00	303.51	303.01	84.31	1,717.12	10,641.13	707.54	105.77	601.77	1.176 Level 2		
19,600.00	7,850.00	19,357.65	7,780.00	306.19	305.69	84.32	1,715.73	10,741.11	708.32	101.20	607.11	1.167 Level 2		
19,700.00	7,850.00	19,457.64	7,780.00	308.86	308.36	84.33	1,714.33	10,841.10	709.09	96.64	612.45	1.158 Level 2		
19,800.00	7,850.00	19,557.64	7,780.00	311.54	311.04	84.33	1,712.93	10,941.09	709.86	92.07	617.80	1.149 Level 2		
19,900.00	7,850.00	19,657.64	7,780.00	314.21	313.72	84.34	1,711.54	11,041.08	710.64	87.50	623.14	1.140 Level 2		
20,000.00	7,850.00	19,757.63	7,780.00	316.89	316.40	84.34	1,710.14	11,141.06	711.41	82.93	628.48	1.132 Level 2		
20,100.00	7,850.00	19,857.63	7,780.00	319.56	319.08	84.35	1,708.75	11,241.05	712.18	78.36	633.83	1.124 Level 2		
20,200.00	7,850.00	19,957.63	7,780.00	322.24	321.76	84.36	1,707.35	11,341.04	712.96	73.78	639.17	1.115 Level 2		
20,300.00	7,850.00	20,057.62	7,780.00	324.91	324.44	84.36	1,705.96	11,441.02	713.73	69.21	644.52	1.107 Level 2		
20,400.00	7,850.00	20,157.62	7,780.00	327.59	327.12	84.37	1,704.56	11,541.01	714.50	64.64	649.86	1.099 Level 2		
20,500.00	7,850.00	20,257.62	7,780.00	330.27	329.81	84.38	1,703.16	11,641.00	715.28	60.07	655.21	1.092 Level 2		
20,600.00	7,850.00	20,357.61	7,780.00	332.95	332.49	84.38	1,701.77	11,740.99	716.05	55.49	660.56	1.084 Level 2		
20,700.00	7,850.00	20,457.61	7,780.00	335.62	335.17	84.39	1,700.37	11,840.97	716.82	50.92	665.90	1.076 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
20,800.00	7,850.00	20,557.61	7,780.00	338.30	337.85	84.39	1,698.98	11,940.96	717.60	46.35	671.25	1.069	Level 2
20,900.00	7,850.00	20,657.61	7,780.00	340.98	340.53	84.40	1,697.58	12,040.95	718.37	41.77	676.60	1.062	Level 2
21,000.00	7,850.00	20,757.60	7,780.00	343.66	343.21	84.41	1,696.18	12,140.93	719.15	37.20	681.95	1.055	Level 2
21,100.00	7,850.00	20,857.60	7,780.00	346.34	345.90	84.41	1,694.79	12,240.92	719.92	32.62	687.30	1.047	Level 2
21,200.00	7,850.00	20,957.60	7,780.00	349.01	348.58	84.42	1,693.39	12,340.91	720.69	28.04	692.65	1.040	Level 2
21,300.00	7,850.00	21,057.59	7,780.00	351.69	351.26	84.42	1,692.00	12,440.90	721.47	23.47	698.00	1.034	Level 2
21,400.00	7,850.00	21,157.59	7,780.00	354.37	353.95	84.43	1,690.60	12,540.88	722.24	18.89	703.35	1.027	Level 2
21,500.00	7,850.00	21,257.59	7,780.00	357.05	356.63	84.44	1,689.21	12,640.87	723.01	14.31	708.70	1.020	Level 2
21,600.00	7,850.00	21,357.58	7,780.00	359.73	359.31	84.44	1,687.81	12,740.86	723.79	9.73	714.05	1.014	Level 2
21,700.00	7,850.00	21,457.58	7,780.00	362.41	362.00	84.45	1,686.41	12,840.85	724.56	5.15	719.41	1.007	Level 2
21,800.00	7,850.00	21,557.58	7,780.00	365.09	364.68	84.45	1,685.02	12,940.83	725.33	0.58	724.76	1.001	Level 2
21,900.00	7,850.00	21,657.58	7,780.00	367.77	367.36	84.46	1,683.62	13,040.82	726.11	-4.00	730.11	0.995	Level 1
22,000.00	7,850.00	21,757.57	7,780.00	370.45	370.05	84.47	1,682.23	13,140.81	726.88	-8.58	735.47	0.988	Level 1
22,100.00	7,850.00	21,857.57	7,780.00	373.14	372.73	84.47	1,680.83	13,240.79	727.66	-13.16	740.82	0.982	Level 1
22,200.00	7,850.00	21,957.57	7,780.00	375.82	375.42	84.48	1,679.43	13,340.78	728.43	-17.74	746.17	0.976	Level 1
22,300.00	7,850.00	22,057.56	7,780.00	378.50	378.10	84.48	1,678.04	13,440.77	729.20	-22.33	751.53	0.970	Level 1
22,400.00	7,850.00	22,157.56	7,780.00	381.18	380.79	84.49	1,676.64	13,540.76	729.98	-26.91	756.88	0.964	Level 1
22,500.00	7,850.00	22,257.56	7,780.00	383.86	383.47	84.50	1,675.25	13,640.74	730.75	-31.49	762.24	0.959	Level 1
22,600.00	7,850.00	22,357.55	7,780.00	386.54	386.16	84.50	1,673.85	13,740.73	731.52	-36.07	767.59	0.953	Level 1
22,700.00	7,850.00	22,457.55	7,780.00	389.22	388.84	84.51	1,672.45	13,840.72	732.30	-40.65	772.95	0.947	Level 1
22,800.00	7,850.00	22,557.55	7,780.00	391.91	391.53	84.51	1,671.06	13,940.71	733.07	-45.24	778.31	0.942	Level 1
22,900.00	7,850.00	22,657.55	7,780.00	394.59	394.21	84.52	1,669.66	14,040.69	733.85	-49.82	783.66	0.936	Level 1
23,000.00	7,850.00	22,757.54	7,780.00	397.27	396.90	84.52	1,668.27	14,140.68	734.62	-54.40	789.02	0.931	Level 1
23,100.00	7,850.00	22,857.54	7,780.00	399.95	399.59	84.53	1,666.87	14,240.67	735.39	-58.98	794.38	0.926	Level 1
23,200.00	7,850.00	22,957.54	7,780.00	402.64	402.27	84.54	1,665.48	14,340.65	736.17	-63.57	799.74	0.921	Level 1
23,300.00	7,850.00	23,057.53	7,780.00	405.32	404.96	84.54	1,664.08	14,440.64	736.94	-68.15	805.09	0.915	Level 1
23,400.00	7,850.00	23,157.53	7,780.00	408.00	407.64	84.55	1,662.68	14,540.63	737.71	-72.74	810.45	0.910	Level 1
23,500.00	7,850.00	23,257.53	7,780.00	410.69	410.33	84.55	1,661.29	14,640.62	738.49	-77.32	815.81	0.905	Level 1
23,600.00	7,850.00	23,357.52	7,780.00	413.37	413.02	84.56	1,659.89	14,740.60	739.26	-81.91	821.17	0.900	Level 1
23,700.00	7,850.00	23,457.52	7,780.00	416.05	415.70	84.56	1,658.50	14,840.59	740.04	-86.49	826.53	0.895	Level 1
23,800.00	7,850.00	23,557.52	7,780.00	418.74	418.39	84.57	1,657.10	14,940.58	740.81	-91.08	831.89	0.891	Level 1
23,900.00	7,850.00	23,657.52	7,780.00	421.42	421.08	84.58	1,655.70	15,040.56	741.58	-95.66	837.25	0.886	Level 1
24,000.00	7,850.00	23,757.51	7,780.00	424.11	423.77	84.58	1,654.31	15,140.55	742.36	-100.25	842.61	0.881	Level 1
24,092.24	7,850.00	23,849.74	7,780.00	426.58	426.24	84.59	1,653.02	15,232.77	743.07	-104.48	847.55	0.877	Level 1, ES, SF

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.20	0.20	0.00	0.00	-180.00	-40.07	0.00	40.07					
100.00	100.00	100.20	100.20	0.13	0.14	-180.00	-40.07	0.00	40.07	39.80	0.27	148.642		
200.00	200.00	200.20	200.20	0.49	0.49	-180.00	-40.07	0.00	40.07	39.08	0.99	40.617	CC, ES	
300.00	299.98	300.18	300.18	0.85	0.85	-161.76	-40.07	0.00	41.72	40.02	1.70	24.475		
400.00	399.84	400.04	400.04	1.22	1.21	-163.75	-40.07	0.00	46.72	44.29	2.43	19.242		
500.00	499.45	501.33	501.31	1.59	1.57	-165.37	-38.58	-0.99	53.60	50.45	3.15	17.004		
600.00	598.70	602.84	602.67	1.97	1.94	-165.81	-34.09	-3.98	60.79	56.91	3.88	15.670		
700.00	697.47	704.57	703.99	2.38	2.31	-165.42	-26.60	-8.96	68.25	63.63	4.61	14.793		
800.00	795.62	806.49	805.13	2.82	2.70	-164.44	-16.10	-15.95	75.99	70.63	5.36	14.180		
900.00	893.06	908.60	905.94	3.29	3.11	-163.05	-2.58	-24.94	84.04	77.92	6.12	13.723		
1,000.00	989.64	1,010.89	1,006.27	3.80	3.55	-161.36	13.95	-35.94	92.44	85.53	6.91	13.370		
1,100.00	1,085.27	1,110.55	1,103.62	4.35	4.00	-159.99	31.72	-47.76	102.49	94.76	7.74	13.244		
1,200.00	1,179.82	1,209.65	1,200.42	4.95	4.46	-159.46	49.39	-59.51	115.82	107.24	8.58	13.498		
1,300.00	1,273.63	1,308.47	1,296.95	5.58	4.92	-159.44	67.01	-71.23	131.17	121.75	9.43	13.917		
1,400.00	1,367.44	1,407.28	1,393.46	6.22	5.39	-159.43	84.63	-82.95	146.56	136.28	10.28	14.260		
1,500.00	1,461.25	1,506.09	1,489.98	6.87	5.87	-159.43	102.24	-94.67	161.94	150.80	11.14	14.541		
1,600.00	1,555.06	1,604.90	1,586.50	7.52	6.35	-159.43	119.86	-106.39	177.32	165.32	12.00	14.775		
1,700.00	1,648.86	1,703.71	1,683.01	8.18	6.83	-159.43	137.48	-118.12	192.71	179.83	12.87	14.972		
1,800.00	1,742.67	1,802.52	1,779.53	8.84	7.32	-159.43	155.10	-129.84	208.09	194.34	13.74	15.140		
1,900.00	1,836.48	1,901.33	1,876.05	9.51	7.81	-159.43	172.72	-141.56	223.47	208.85	14.62	15.285		
2,000.00	1,930.29	2,000.14	1,972.57	10.18	8.30	-159.43	190.34	-153.28	238.85	223.36	15.50	15.412		
2,100.00	2,024.10	2,098.94	2,069.08	10.85	8.79	-159.43	207.95	-165.00	254.24	237.86	16.38	15.523		
2,200.00	2,117.90	2,202.25	2,165.60	11.52	9.30	-159.42	225.57	-176.72	269.62	252.34	17.28	15.603		
2,300.00	2,211.71	2,303.44	2,262.12	12.19	9.80	-159.42	243.19	-188.44	285.00	266.83	18.17	15.682		
2,400.00	2,305.52	2,404.63	2,358.64	12.87	10.31	-159.42	260.81	-200.16	300.39	281.32	19.07	15.753		
2,500.00	2,399.33	2,505.82	2,455.15	13.54	10.81	-159.42	278.43	-211.88	315.77	295.80	19.97	15.816		
2,600.00	2,493.13	2,607.01	2,551.67	14.22	11.32	-159.42	296.05	-223.60	331.15	310.29	20.86	15.873		
2,700.00	2,586.94	2,691.80	2,648.19	14.89	11.74	-159.42	313.67	-235.32	346.53	324.84	21.69	15.977		
2,800.00	2,680.75	2,809.39	2,744.70	15.57	12.33	-159.42	331.28	-247.04	361.92	339.26	22.66	15.972		
2,900.00	2,774.56	2,889.42	2,841.22	16.25	12.73	-159.42	348.90	-258.76	377.30	353.83	23.47	16.077		
3,000.00	2,868.36	2,988.28	2,937.74	16.93	13.23	-159.42	366.52	-270.48	392.68	368.32	24.36	16.122		
3,100.00	2,962.17	3,087.04	3,034.26	17.61	13.72	-159.42	384.14	-282.20	408.06	382.82	25.25	16.162		
3,200.00	3,055.98	3,185.85	3,130.77	18.28	14.22	-159.42	401.76	-293.92	423.45	397.31	26.14	16.200		
3,300.00	3,149.79	3,284.66	3,227.29	18.96	14.72	-159.42	419.38	-305.65	438.83	411.80	27.03	16.235		
3,400.00	3,243.60	3,383.47	3,323.81	19.64	15.21	-159.42	436.99	-317.37	454.21	426.29	27.92	16.268		
3,500.00	3,337.40	3,482.28	3,420.33	20.32	15.71	-159.42	454.61	-329.09	469.60	440.78	28.81	16.298		
3,600.00	3,431.21	3,581.09	3,516.84	21.00	16.21	-159.42	472.23	-340.81	484.98	455.27	29.71	16.326		
3,700.00	3,525.02	3,679.90	3,613.36	21.68	16.70	-159.42	489.85	-352.53	500.36	469.76	30.60	16.353		
3,800.00	3,618.83	3,778.71	3,709.88	22.36	17.20	-159.42	507.47	-364.25	515.74	484.25	31.49	16.377		
3,900.00	3,712.63	3,877.52	3,806.40	23.04	17.70	-159.42	525.09	-375.97	531.13	498.74	32.38	16.401		
4,000.00	3,806.44	3,976.33	3,902.91	23.72	18.20	-159.42	542.71	-387.69	546.51	513.23	33.28	16.423		
4,100.00	3,900.25	4,075.14	3,999.43	24.41	18.69	-159.42	560.32	-399.41	561.89	527.72	34.17	16.443		
4,200.00	3,994.06	4,173.95	4,095.95	25.09	19.19	-159.42	577.94	-411.13	577.28	542.21	35.07	16.463		
4,300.00	4,087.86	4,272.76	4,192.46	25.77	19.69	-159.42	595.56	-422.85	592.66	556.70	35.96	16.481		
4,400.00	4,181.67	4,371.57	4,288.98	26.45	20.19	-159.42	613.18	-434.57	608.04	571.19	36.85	16.499		
4,500.00	4,275.48	4,470.38	4,385.50	27.13	20.68	-159.42	630.80	-446.29	623.42	585.68	37.75	16.515		
4,600.00	4,369.29	4,569.19	4,482.02	27.81	21.18	-159.42	648.42	-458.01	638.81	600.16	38.64	16.531		
4,700.00	4,463.10	4,668.00	4,578.53	28.49	21.68	-159.42	666.03	-469.73	654.19	614.65	39.54	16.546		
4,800.00	4,556.90	4,766.81	4,675.05	29.17	22.18	-159.42	683.65	-481.45	669.57	629.14	40.43	16.561		
4,900.00	4,650.71	4,865.62	4,771.57	29.86	22.68	-159.42	701.27	-493.18	684.96	643.63	41.33	16.574		
5,000.00	4,744.52	4,964.43	4,868.09	30.54	23.18	-159.42	718.89	-504.90	700.34	658.12	42.22	16.587		
5,100.00	4,838.33	5,063.24	4,964.60	31.22	23.67	-159.42	736.51	-516.62	715.72	672.60	43.12	16.600		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	5,162.05	5,061.12	31.90	24.17	-159.42	754.13	-528.34	731.10	687.09	44.01	16.611		
5,300.00	5,025.94	5,260.86	5,157.64	32.58	24.67	-159.42	771.74	-540.06	746.49	701.58	44.91	16.623		
5,400.00	5,119.75	5,359.67	5,254.15	33.26	25.17	-159.42	789.36	-551.78	761.87	716.07	45.80	16.634		
5,500.00	5,213.56	5,458.48	5,350.67	33.95	25.67	-159.42	806.98	-563.50	777.25	730.55	46.70	16.644		
5,600.00	5,307.36	5,557.29	5,447.19	34.63	26.17	-159.42	824.60	-575.22	792.63	745.04	47.59	16.654		
5,700.00	5,401.17	5,656.10	5,543.71	35.31	26.67	-159.42	842.22	-586.94	808.02	759.53	48.49	16.664		
5,800.00	5,494.98	5,754.91	5,640.22	35.99	27.16	-159.42	859.84	-598.66	823.40	774.01	49.39	16.673		
5,900.00	5,588.79	5,853.72	5,736.74	36.68	27.66	-159.42	877.46	-610.38	838.78	788.50	50.28	16.682		
6,000.00	5,682.59	5,952.53	5,833.26	37.36	28.16	-159.42	895.07	-622.10	854.17	802.99	51.18	16.690		
6,100.00	5,776.40	6,051.34	5,929.78	38.04	28.66	-159.42	912.69	-633.82	869.55	817.47	52.07	16.698		
6,200.00	5,870.21	6,150.15	6,026.29	38.72	29.16	-159.42	930.31	-645.54	884.93	831.96	52.97	16.706		
6,300.00	5,964.02	6,248.96	6,122.81	39.40	29.66	-159.42	947.93	-657.26	900.31	846.45	53.87	16.714		
6,400.00	6,057.83	6,347.76	6,219.33	40.09	30.16	-159.42	965.55	-668.98	915.70	860.93	54.76	16.721		
6,500.00	6,151.63	6,446.57	6,315.84	40.77	30.66	-159.42	983.17	-680.71	931.08	875.42	55.66	16.728		
6,600.00	6,245.44	6,545.38	6,412.36	41.45	31.16	-159.42	1,000.78	-692.43	946.46	889.91	56.56	16.735		
6,700.00	6,339.25	6,644.19	6,508.88	42.13	31.65	-159.42	1,018.40	-704.15	961.85	904.39	57.45	16.742		
6,800.00	6,433.06	6,743.00	6,605.40	42.82	32.15	-159.42	1,036.02	-715.87	977.23	918.88	58.35	16.748		
6,900.00	6,526.86	6,841.81	6,701.91	43.50	32.65	-159.42	1,053.64	-727.59	992.61	933.37	59.24	16.754		
7,000.00	6,620.67	6,940.62	6,798.43	44.18	33.15	-159.42	1,071.26	-739.31	1,007.99	947.85	60.14	16.760		
7,100.00	6,714.48	7,039.43	6,894.95	44.86	33.65	-159.42	1,088.88	-751.03	1,023.38	962.34	61.04	16.766		
7,200.00	6,808.29	7,138.24	6,991.47	45.55	34.15	-159.42	1,106.50	-762.75	1,038.76	976.82	61.93	16.772		
7,300.00	6,902.09	7,237.05	7,087.98	46.23	34.65	-159.42	1,124.11	-774.47	1,054.14	991.31	62.83	16.777		
7,400.00	6,995.90	7,335.86	7,184.50	46.91	35.15	-159.42	1,141.73	-786.19	1,069.52	1,005.80	63.73	16.783		
7,500.00	7,089.71	7,435.20	7,281.85	47.59	35.62	-159.62	1,159.42	-794.18	1,084.89	1,020.36	64.53	16.813		
7,600.00	7,183.52	7,531.11	7,375.86	48.28	35.96	-160.62	1,176.15	-786.51	1,100.39	1,035.47	64.92	16.951		
7,700.00	7,277.41	7,618.96	7,459.83	48.95	36.17	-171.48	1,190.78	-765.61	1,116.80	1,051.82	64.98	17.187		
7,800.00	7,371.68	7,701.56	7,535.10	49.54	36.31	157.34	1,203.62	-734.30	1,134.56	1,069.61	64.95	17.468		
7,900.00	7,464.05	7,781.07	7,602.70	50.01	36.38	133.20	1,214.88	-694.09	1,152.94	1,088.01	64.92	17.758		
8,000.00	7,551.70	7,858.24	7,662.49	50.36	36.40	117.62	1,224.56	-646.37	1,171.12	1,106.19	64.93	18.037		
8,100.00	7,631.98	7,933.65	7,714.35	50.61	36.37	107.53	1,232.67	-592.30	1,188.31	1,123.30	65.01	18.280		
8,200.00	7,702.44	8,007.77	7,758.09	50.75	36.32	100.70	1,239.21	-532.89	1,203.83	1,138.63	65.20	18.463		
8,300.00	7,760.95	8,080.97	7,793.56	50.81	36.24	95.99	1,244.16	-469.10	1,217.08	1,151.50	65.58	18.560		
8,400.00	7,805.72	8,153.57	7,820.57	50.80	36.14	92.82	1,247.52	-401.85	1,227.56	1,161.38	66.17	18.550		
8,500.00	7,835.40	8,225.83	7,838.94	50.72	36.03	90.89	1,249.26	-332.04	1,234.91	1,167.86	67.05	18.419		
8,600.00	7,849.08	8,300.00	7,848.66	50.60	35.91	90.04	1,249.36	-258.56	1,238.90	1,170.73	68.17	18.173		
8,700.00	7,850.00	8,382.03	7,850.00	50.45	35.79	89.99	1,247.77	-176.58	1,240.46	1,170.94	69.52	17.843		
8,800.00	7,850.00	8,482.01	7,850.00	50.32	35.72	89.99	1,245.53	-76.62	1,242.08	1,170.90	71.18	17.450		
8,900.00	7,850.00	8,582.00	7,850.00	50.22	35.83	89.99	1,243.30	23.34	1,243.70	1,170.50	73.20	16.992		
9,000.00	7,850.00	8,681.99	7,850.00	50.15	36.47	89.99	1,241.06	123.31	1,245.32	1,169.78	75.54	16.485		
9,100.00	7,850.00	8,781.97	7,850.00	50.11	37.69	89.99	1,238.83	223.27	1,246.94	1,168.75	78.19	15.948		
9,200.00	7,850.00	8,881.96	7,850.00	50.12	39.18	89.99	1,236.59	323.23	1,248.55	1,167.44	81.11	15.393		
9,300.00	7,850.00	8,981.95	7,850.00	50.20	40.83	89.99	1,234.35	423.19	1,250.17	1,165.89	84.28	14.834		
9,400.00	7,850.00	9,081.93	7,850.00	50.42	42.60	89.99	1,232.12	523.15	1,251.79	1,164.13	87.66	14.280		
9,500.00	7,850.00	9,181.92	7,850.00	50.87	44.46	89.99	1,229.88	623.12	1,253.41	1,162.17	91.24	13.738		
9,600.00	7,850.00	9,281.91	7,850.00	51.72	46.41	89.99	1,227.65	723.08	1,255.02	1,160.04	94.98	13.213		
9,700.00	7,850.00	9,381.89	7,850.00	53.02	48.42	89.99	1,225.41	823.04	1,256.64	1,157.76	98.88	12.708		
9,800.00	7,850.00	9,481.88	7,850.00	54.65	50.50	89.99	1,223.17	923.00	1,258.26	1,155.34	102.92	12.226		
9,900.00	7,850.00	9,581.87	7,850.00	56.50	52.63	89.99	1,220.94	1,022.96	1,259.88	1,152.80	107.07	11.766		
10,000.00	7,850.00	9,681.86	7,850.00	58.48	54.80	89.99	1,218.70	1,122.92	1,261.50	1,150.16	111.33	11.331		
10,100.00	7,850.00	9,781.84	7,850.00	60.55	57.03	89.99	1,216.46	1,222.89	1,263.11	1,147.42	115.69	10.918		
10,200.00	7,850.00	9,881.83	7,850.00	62.69	59.28	89.99	1,214.23	1,322.85	1,264.73	1,144.60	120.13	10.528		
10,300.00	7,850.00	9,981.82	7,850.00	64.88	61.58	89.99	1,211.99	1,422.81	1,266.35	1,141.71	124.64	10.160		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	10,081.80	7,850.00	67.11	63.90	89.99	1,209.76	1,522.77	1,267.97	1,138.74	129.22	9.812		
10,500.00	7,850.00	10,181.79	7,850.00	69.38	66.25	89.99	1,207.52	1,622.73	1,269.59	1,135.72	133.87	9.484		
10,600.00	7,850.00	10,281.78	7,850.00	71.68	68.63	89.99	1,205.28	1,722.70	1,271.20	1,132.64	138.56	9.174		
10,700.00	7,850.00	10,381.76	7,850.00	74.00	71.02	89.99	1,203.05	1,822.66	1,272.82	1,129.51	143.31	8.882		
10,800.00	7,850.00	10,481.75	7,850.00	76.36	73.44	89.99	1,200.81	1,922.62	1,274.44	1,126.34	148.10	8.605		
10,900.00	7,850.00	10,581.74	7,850.00	78.73	75.88	89.99	1,198.58	2,022.58	1,276.06	1,123.13	152.93	8.344		
11,000.00	7,850.00	10,681.72	7,850.00	81.13	78.33	89.99	1,196.34	2,122.54	1,277.67	1,119.88	157.79	8.097		
11,100.00	7,850.00	10,781.71	7,850.00	83.54	80.80	89.99	1,194.10	2,222.51	1,279.29	1,116.60	162.69	7.863		
11,200.00	7,850.00	10,881.70	7,850.00	85.97	83.28	89.99	1,191.87	2,322.47	1,280.91	1,113.29	167.62	7.642		
11,300.00	7,850.00	10,981.69	7,850.00	88.42	85.77	89.99	1,189.63	2,422.43	1,282.53	1,109.95	172.58	7.431		
11,400.00	7,850.00	11,081.67	7,850.00	90.88	88.28	89.99	1,187.40	2,522.39	1,284.15	1,106.58	177.56	7.232		
11,500.00	7,850.00	11,181.66	7,850.00	93.35	90.80	89.99	1,185.16	2,622.35	1,285.76	1,103.20	182.57	7.043		
11,600.00	7,850.00	11,281.65	7,850.00	95.83	93.32	89.99	1,182.92	2,722.32	1,287.38	1,099.79	187.60	6.863		
11,700.00	7,850.00	11,381.63	7,850.00	98.33	95.86	89.99	1,180.69	2,822.28	1,289.00	1,096.36	192.64	6.691		
11,800.00	7,850.00	11,481.62	7,850.00	100.83	98.40	89.99	1,178.45	2,922.24	1,290.62	1,092.91	197.71	6.528		
11,900.00	7,850.00	11,581.61	7,850.00	103.35	100.95	89.99	1,176.22	3,022.20	1,292.24	1,089.44	202.79	6.372		
12,000.00	7,850.00	11,681.59	7,850.00	105.87	103.51	89.99	1,173.98	3,122.16	1,293.85	1,085.96	207.89	6.224		
12,100.00	7,850.00	11,781.58	7,850.00	108.40	106.08	89.99	1,171.74	3,222.12	1,295.47	1,082.47	213.00	6.082		
12,200.00	7,850.00	11,881.57	7,850.00	110.94	108.65	89.99	1,169.51	3,322.09	1,297.09	1,078.96	218.13	5.947		
12,300.00	7,850.00	11,981.55	7,850.00	113.48	111.23	89.99	1,167.27	3,422.05	1,298.71	1,075.44	223.26	5.817		
12,400.00	7,850.00	12,081.54	7,850.00	116.04	113.81	89.99	1,165.04	3,522.01	1,300.32	1,071.91	228.41	5.693		
12,500.00	7,850.00	12,181.53	7,850.00	118.59	116.40	89.99	1,162.80	3,621.97	1,301.94	1,068.37	233.58	5.574		
12,600.00	7,850.00	12,281.52	7,850.00	121.16	118.99	89.99	1,160.56	3,721.93	1,303.56	1,064.81	238.75	5.460		
12,700.00	7,850.00	12,381.50	7,850.00	123.73	121.59	89.99	1,158.33	3,821.90	1,305.18	1,061.25	243.93	5.351		
12,800.00	7,850.00	12,481.49	7,850.00	126.30	124.19	89.99	1,156.09	3,921.86	1,306.80	1,057.68	249.12	5.246		
12,900.00	7,850.00	12,581.48	7,850.00	128.88	126.80	89.99	1,153.86	4,021.82	1,308.41	1,054.10	254.32	5.145		
13,000.00	7,850.00	12,681.46	7,850.00	131.46	129.41	89.99	1,151.62	4,121.78	1,310.03	1,050.51	259.52	5.048		
13,100.00	7,850.00	12,781.45	7,850.00	134.05	132.02	89.99	1,149.38	4,221.74	1,311.65	1,046.91	264.74	4.955		
13,200.00	7,850.00	12,881.44	7,850.00	136.64	134.63	89.99	1,147.15	4,321.71	1,313.27	1,043.31	269.96	4.865		
13,300.00	7,850.00	12,981.42	7,850.00	139.24	137.25	89.99	1,144.91	4,421.67	1,314.89	1,039.70	275.18	4.778		
13,400.00	7,850.00	13,081.41	7,850.00	141.84	139.88	89.99	1,142.68	4,521.63	1,316.50	1,036.09	280.42	4.695		
13,500.00	7,850.00	13,181.40	7,850.00	144.44	142.50	89.99	1,140.44	4,621.59	1,318.12	1,032.47	285.66	4.614		
13,600.00	7,850.00	13,281.38	7,850.00	147.05	145.13	89.99	1,138.20	4,721.55	1,319.74	1,028.84	290.90	4.537		
13,700.00	7,850.00	13,381.37	7,850.00	149.66	147.76	89.99	1,135.97	4,821.52	1,321.36	1,025.21	296.15	4.462		
13,800.00	7,850.00	13,481.36	7,850.00	152.27	150.39	89.99	1,133.73	4,921.48	1,322.97	1,021.57	301.41	4.389		
13,900.00	7,850.00	13,581.35	7,850.00	154.88	153.02	89.99	1,131.49	5,021.44	1,324.59	1,017.93	306.67	4.319		
14,000.00	7,850.00	13,681.33	7,850.00	157.50	155.66	89.99	1,129.26	5,121.40	1,326.21	1,014.28	311.93	4.252		
14,100.00	7,850.00	13,781.32	7,850.00	160.12	158.30	89.99	1,127.02	5,221.36	1,327.83	1,010.63	317.20	4.186		
14,200.00	7,850.00	13,881.31	7,850.00	162.74	160.94	89.99	1,124.79	5,321.32	1,329.45	1,006.97	322.47	4.123		
14,300.00	7,850.00	13,981.29	7,850.00	165.36	163.58	89.99	1,122.55	5,421.29	1,331.06	1,003.31	327.75	4.061		
14,400.00	7,850.00	14,081.28	7,850.00	167.99	166.23	89.99	1,120.31	5,521.25	1,332.68	999.65	333.03	4.002		
14,500.00	7,850.00	14,181.27	7,850.00	170.62	168.87	89.99	1,118.08	5,621.21	1,334.30	995.99	338.31	3.944		
14,600.00	7,850.00	14,281.25	7,850.00	173.25	171.52	89.99	1,115.84	5,721.17	1,335.92	992.32	343.60	3.888		
14,700.00	7,850.00	14,381.24	7,850.00	175.88	174.17	89.99	1,113.61	5,821.13	1,337.54	988.64	348.89	3.834		
14,800.00	7,850.00	14,481.23	7,850.00	178.52	176.82	89.99	1,111.37	5,921.10	1,339.15	984.97	354.19	3.781		
14,900.00	7,850.00	14,581.21	7,850.00	181.15	179.47	89.99	1,109.13	6,021.06	1,340.77	981.29	359.48	3.730		
15,000.00	7,850.00	14,681.20	7,850.00	183.79	182.12	89.99	1,106.90	6,121.02	1,342.39	977.61	364.78	3.680		
15,100.00	7,850.00	14,781.19	7,850.00	186.43	184.78	89.99	1,104.66	6,220.98	1,344.01	973.92	370.08	3.632		
15,200.00	7,850.00	14,881.18	7,850.00	189.07	187.43	89.99	1,102.43	6,320.94	1,345.62	970.24	375.39	3.585		
15,300.00	7,850.00	14,981.16	7,850.00	191.71	190.09	89.99	1,100.19	6,420.91	1,347.24	966.55	380.70	3.539		
15,400.00	7,850.00	15,081.15	7,850.00	194.36	192.75	89.99	1,097.95	6,520.87	1,348.86	962.85	386.01	3.494		
15,500.00	7,850.00	15,181.14	7,850.00	197.00	195.41	89.99	1,095.72	6,620.83	1,350.48	959.16	391.32	3.451		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	15,281.12	7,850.00	199.65	198.07	89.99	1,093.48	6,720.79	1,352.10	955.46	396.63	3.409		
15,700.00	7,850.00	15,381.11	7,850.00	202.30	200.73	89.99	1,091.25	6,820.75	1,353.71	951.77	401.95	3.368		
15,800.00	7,850.00	15,481.10	7,850.00	204.94	203.39	89.99	1,089.01	6,920.72	1,355.33	948.07	407.27	3.328		
15,900.00	7,850.00	15,581.08	7,850.00	207.59	206.05	89.99	1,086.77	7,020.68	1,356.95	944.36	412.59	3.289		
16,000.00	7,850.00	15,681.07	7,850.00	210.25	208.72	89.99	1,084.54	7,120.64	1,358.57	940.66	417.91	3.251		
16,100.00	7,850.00	15,781.06	7,850.00	212.90	211.38	89.99	1,082.30	7,220.60	1,360.19	936.95	423.23	3.214		
16,200.00	7,850.00	15,881.04	7,850.00	215.55	214.05	89.99	1,080.07	7,320.56	1,361.80	933.25	428.56	3.178		
16,300.00	7,850.00	15,981.03	7,850.00	218.20	216.71	89.99	1,077.83	7,420.52	1,363.42	929.54	433.88	3.142		
16,400.00	7,850.00	16,081.02	7,850.00	220.86	219.38	89.99	1,075.59	7,520.49	1,365.04	925.83	439.21	3.108		
16,500.00	7,850.00	16,181.00	7,850.00	223.52	222.05	89.99	1,073.36	7,620.45	1,366.66	922.11	444.54	3.074		
16,600.00	7,850.00	16,280.99	7,850.00	226.17	224.72	89.99	1,071.12	7,720.41	1,368.27	918.40	449.87	3.041		
16,700.00	7,850.00	16,380.98	7,850.00	228.83	227.39	89.99	1,068.89	7,820.37	1,369.89	914.68	455.21	3.009		
16,800.00	7,850.00	16,480.97	7,850.00	231.49	230.06	89.99	1,066.65	7,920.33	1,371.51	910.97	460.54	2.978		
16,900.00	7,850.00	16,580.95	7,850.00	234.15	232.73	89.99	1,064.41	8,020.30	1,373.13	907.25	465.88	2.947		
17,000.00	7,850.00	16,680.94	7,850.00	236.81	235.40	89.99	1,062.18	8,120.26	1,374.75	903.53	471.21	2.917		
17,100.00	7,850.00	16,780.93	7,850.00	239.47	238.07	89.99	1,059.94	8,220.22	1,376.36	899.81	476.55	2.888		
17,200.00	7,850.00	16,880.91	7,850.00	242.13	240.74	89.99	1,057.71	8,320.18	1,377.98	896.09	481.89	2.860		
17,300.00	7,850.00	16,980.90	7,850.00	244.79	243.41	89.99	1,055.47	8,420.14	1,379.60	892.37	487.23	2.831		
17,400.00	7,850.00	17,080.89	7,850.00	247.46	246.09	89.99	1,053.23	8,520.11	1,381.22	888.64	492.58	2.804		
17,500.00	7,850.00	17,180.87	7,850.00	250.12	248.76	89.99	1,051.00	8,620.07	1,382.83	884.92	497.92	2.777		
17,600.00	7,850.00	17,280.86	7,850.00	252.79	251.43	89.99	1,048.76	8,720.03	1,384.45	881.19	503.26	2.751		
17,700.00	7,850.00	17,380.85	7,850.00	255.45	254.11	89.99	1,046.53	8,819.99	1,386.07	877.46	508.61	2.725		
17,800.00	7,850.00	17,480.83	7,850.00	258.12	256.78	89.99	1,044.29	8,919.95	1,387.69	873.74	513.95	2.700		
17,900.00	7,850.00	17,580.82	7,850.00	260.78	259.46	89.99	1,042.05	9,019.92	1,389.31	870.01	519.30	2.675		
18,000.00	7,850.00	17,680.81	7,850.00	263.45	262.14	89.99	1,039.82	9,119.88	1,390.92	866.28	524.65	2.651		
18,100.00	7,850.00	17,780.80	7,850.00	266.12	264.81	89.99	1,037.58	9,219.84	1,392.54	862.55	530.00	2.627		
18,200.00	7,850.00	17,880.78	7,850.00	268.79	267.49	89.99	1,035.34	9,319.80	1,394.16	858.81	535.35	2.604		
18,300.00	7,850.00	17,980.77	7,850.00	271.45	270.17	89.99	1,033.11	9,419.76	1,395.78	855.08	540.70	2.581		
18,400.00	7,850.00	18,080.76	7,850.00	274.12	272.84	89.99	1,030.87	9,519.72	1,397.40	851.35	546.05	2.559		
18,500.00	7,850.00	18,180.74	7,850.00	276.79	275.52	89.99	1,028.64	9,619.69	1,399.01	847.61	551.40	2.537		
18,600.00	7,850.00	18,280.73	7,850.00	279.46	278.20	89.99	1,026.40	9,719.65	1,400.63	843.88	556.75	2.516		
18,700.00	7,850.00	18,380.72	7,850.00	282.13	280.88	89.99	1,024.16	9,819.61	1,402.25	840.14	562.11	2.495		
18,800.00	7,850.00	18,480.70	7,850.00	284.80	283.56	89.99	1,021.93	9,919.57	1,403.87	836.41	567.46	2.474		
18,900.00	7,850.00	18,580.69	7,850.00	287.48	286.24	89.99	1,019.69	10,019.53	1,405.48	832.67	572.82	2.454		
19,000.00	7,850.00	18,680.68	7,850.00	290.15	288.92	89.99	1,017.46	10,119.50	1,407.10	828.93	578.17	2.434		
19,100.00	7,850.00	18,780.66	7,850.00	292.82	291.60	89.99	1,015.22	10,219.46	1,408.72	825.19	583.53	2.414		
19,200.00	7,850.00	18,880.65	7,850.00	295.49	294.28	89.99	1,012.98	10,319.42	1,410.34	821.45	588.89	2.395		
19,300.00	7,850.00	18,980.64	7,850.00	298.16	296.96	89.99	1,010.75	10,419.38	1,411.96	817.71	594.24	2.376		
19,400.00	7,850.00	19,080.63	7,850.00	300.84	299.64	89.99	1,008.51	10,519.34	1,413.57	813.97	599.60	2.358		
19,500.00	7,850.00	19,180.61	7,850.00	303.51	302.32	89.99	1,006.28	10,619.31	1,415.19	810.23	604.96	2.339		
19,600.00	7,850.00	19,280.60	7,850.00	306.19	305.01	89.99	1,004.04	10,719.27	1,416.81	806.49	610.32	2.321		
19,700.00	7,850.00	19,380.59	7,850.00	308.86	307.69	89.99	1,001.80	10,819.23	1,418.43	802.75	615.68	2.304		
19,800.00	7,850.00	19,480.57	7,850.00	311.54	310.37	89.99	999.57	10,919.19	1,420.05	799.00	621.04	2.287		
19,900.00	7,850.00	19,580.56	7,850.00	314.21	313.05	89.99	997.33	11,019.15	1,421.66	795.26	626.40	2.270		
20,000.00	7,850.00	19,680.55	7,850.00	316.89	315.73	89.99	995.10	11,119.12	1,423.28	791.52	631.77	2.253		
20,100.00	7,850.00	19,780.53	7,850.00	319.56	318.42	89.99	992.86	11,219.08	1,424.90	787.77	637.13	2.236		
20,200.00	7,850.00	19,880.52	7,850.00	322.24	321.10	89.99	990.62	11,319.04	1,426.52	784.03	642.49	2.220		
20,300.00	7,850.00	19,980.51	7,850.00	324.91	323.78	89.99	988.39	11,419.00	1,428.13	780.28	647.85	2.204		
20,400.00	7,850.00	20,080.49	7,850.00	327.59	326.47	89.99	986.15	11,518.96	1,429.75	776.54	653.22	2.189		
20,500.00	7,850.00	20,180.48	7,850.00	330.27	329.15	89.99	983.92	11,618.92	1,431.37	772.79	658.58	2.173		
20,600.00	7,850.00	20,280.47	7,850.00	332.95	331.84	89.99	981.68	11,718.89	1,432.99	769.04	663.95	2.158		
20,700.00	7,850.00	20,380.46	7,850.00	335.62	334.52	89.99	979.44	11,818.85	1,434.61	765.29	669.31	2.143		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,850.00	20,480.44	7,850.00	338.30	337.21	89.99	977.21	11,918.81	1,436.22	761.55	674.68	2.129		
20,900.00	7,850.00	20,580.43	7,850.00	340.98	339.89	89.99	974.97	12,018.77	1,437.84	757.80	680.04	2.114		
21,000.00	7,850.00	20,680.42	7,850.00	343.66	342.58	89.99	972.74	12,118.73	1,439.46	754.05	685.41	2.100		
21,100.00	7,850.00	20,780.40	7,850.00	346.34	345.26	89.99	970.50	12,218.70	1,441.08	750.30	690.78	2.086		
21,200.00	7,850.00	20,880.39	7,850.00	349.01	347.95	89.99	968.26	12,318.66	1,442.70	746.55	696.14	2.072		
21,300.00	7,850.00	20,980.38	7,850.00	351.69	350.63	89.99	966.03	12,418.62	1,444.31	742.80	701.51	2.059		
21,400.00	7,850.00	21,080.36	7,850.00	354.37	353.32	89.99	963.79	12,518.58	1,445.93	739.05	706.88	2.046		
21,500.00	7,850.00	21,180.35	7,850.00	357.05	356.00	89.99	961.56	12,618.54	1,447.55	735.30	712.25	2.032		
21,600.00	7,850.00	21,280.34	7,850.00	359.73	358.69	89.99	959.32	12,718.51	1,449.17	731.55	717.62	2.019		
21,700.00	7,850.00	21,380.32	7,850.00	362.41	361.38	89.99	957.08	12,818.47	1,450.78	727.80	722.99	2.007		
21,800.00	7,850.00	21,480.31	7,850.00	365.09	364.06	89.99	954.85	12,918.43	1,452.40	724.05	728.36	1.994		
21,900.00	7,850.00	21,580.30	7,850.00	367.77	366.75	89.99	952.61	13,018.39	1,454.02	720.30	733.73	1.982		
22,000.00	7,850.00	21,680.29	7,850.00	370.45	369.44	89.99	950.37	13,118.35	1,455.64	716.54	739.10	1.969		
22,100.00	7,850.00	21,780.27	7,850.00	373.14	372.12	89.99	948.14	13,218.32	1,457.26	712.79	744.47	1.957		
22,200.00	7,850.00	21,880.26	7,850.00	375.82	374.81	89.99	945.90	13,318.28	1,458.87	709.04	749.84	1.946		
22,300.00	7,850.00	21,980.25	7,850.00	378.50	377.50	89.99	943.67	13,418.24	1,460.49	705.28	755.21	1.934		
22,400.00	7,850.00	22,080.23	7,850.00	381.18	380.18	89.99	941.43	13,518.20	1,462.11	701.53	760.58	1.922		
22,500.00	7,850.00	22,180.22	7,850.00	383.86	382.87	89.99	939.19	13,618.16	1,463.73	697.78	765.95	1.911		
22,600.00	7,850.00	22,280.21	7,850.00	386.54	385.56	89.99	936.96	13,718.13	1,465.35	694.02	771.32	1.900		
22,700.00	7,850.00	22,380.19	7,850.00	389.22	388.25	89.99	934.72	13,818.09	1,466.96	690.27	776.69	1.889		
22,800.00	7,850.00	22,480.18	7,850.00	391.91	390.94	89.99	932.49	13,918.05	1,468.58	686.51	782.07	1.878		
22,900.00	7,850.00	22,580.17	7,850.00	394.59	393.62	89.99	930.25	14,018.01	1,470.20	682.76	787.44	1.867		
23,000.00	7,850.00	22,680.15	7,850.00	397.27	396.31	89.99	928.01	14,117.97	1,471.82	679.00	792.81	1.856		
23,100.00	7,850.00	22,780.14	7,850.00	399.95	399.00	89.99	925.78	14,217.93	1,473.43	675.25	798.19	1.846		
23,200.00	7,850.00	22,880.13	7,850.00	402.64	401.69	89.99	923.54	14,317.90	1,475.05	671.49	803.56	1.836		
23,300.00	7,850.00	22,980.12	7,850.00	405.32	404.38	89.99	921.31	14,417.86	1,476.67	667.74	808.93	1.825		
23,400.00	7,850.00	23,080.10	7,850.00	408.00	407.07	89.99	919.07	14,517.82	1,478.29	663.98	814.31	1.815		
23,500.00	7,850.00	23,180.09	7,850.00	410.69	409.76	89.99	916.83	14,617.78	1,479.91	660.22	819.68	1.805		
23,600.00	7,850.00	23,280.08	7,850.00	413.37	412.44	89.99	914.60	14,717.74	1,481.52	656.47	825.06	1.796		
23,700.00	7,850.00	23,380.06	7,850.00	416.05	415.13	89.99	912.36	14,817.71	1,483.14	652.71	830.43	1.786		
23,800.00	7,850.00	23,480.05	7,850.00	418.74	417.82	89.99	910.13	14,917.67	1,484.76	648.95	835.81	1.776		
23,900.00	7,850.00	23,580.04	7,850.00	421.42	420.51	89.99	907.89	15,017.63	1,486.38	645.20	841.18	1.767		
24,000.00	7,850.00	23,680.02	7,850.00	424.11	423.20	89.99	905.65	15,117.59	1,488.00	641.44	846.56	1.758		
24,092.24	7,850.00	23,772.25	7,850.00	426.58	425.68	89.99	903.59	15,209.79	1,489.49	637.97	851.52	1.749 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.30	0.30	0.00	0.00	-180.00	-60.10	0.00	60.10					
100.00	100.00	100.30	100.30	0.13	0.14	-180.00	-60.10	0.00	60.10	59.83	0.27	222.667		
200.00	200.00	200.30	200.30	0.49	0.49	-180.00	-60.10	0.00	60.10	59.12	0.99	60.904 CC, ES		
300.00	299.98	300.28	300.28	0.85	0.85	-161.51	-60.10	0.00	61.76	60.05	1.71	36.219		
400.00	399.84	400.14	400.14	1.22	1.21	-162.91	-60.10	0.00	66.74	64.31	2.43	27.482		
500.00	499.45	499.75	499.75	1.59	1.57	-164.82	-60.10	0.00	75.12	71.96	3.15	23.819		
600.00	598.70	601.24	601.22	1.97	1.93	-166.11	-58.91	-1.33	85.65	81.77	3.88	22.075		
700.00	697.47	702.97	702.80	2.38	2.29	-166.14	-55.30	-5.35	96.99	92.38	4.61	21.032		
800.00	795.62	804.90	804.32	2.82	2.67	-165.31	-49.28	-12.06	109.11	103.76	5.35	20.378		
900.00	893.06	906.97	905.61	3.29	3.05	-163.87	-40.83	-21.48	122.06	115.95	6.12	19.955		
1,000.00	989.64	1,007.89	1,005.27	3.80	3.45	-162.12	-30.27	-33.24	136.10	129.19	6.90	19.712		
1,100.00	1,085.27	1,106.40	1,102.46	4.35	3.86	-160.93	-19.51	-45.23	153.02	145.31	7.71	19.846		
1,200.00	1,179.82	1,204.33	1,199.07	4.95	4.27	-160.33	-8.81	-57.15	173.21	164.68	8.53	20.309		
1,300.00	1,273.63	1,301.83	1,295.26	5.58	4.68	-160.16	1.84	-69.02	195.41	186.06	9.35	20.890		
1,400.00	1,367.44	1,400.67	1,391.44	6.22	5.10	-160.05	12.49	-80.89	217.65	207.46	10.19	21.360		
1,500.00	1,461.25	1,503.18	1,487.63	6.87	5.55	-159.96	23.14	-92.75	239.88	228.84	11.05	21.715		
1,600.00	1,555.06	1,605.68	1,583.81	7.52	5.99	-159.88	33.79	-104.62	262.12	250.21	11.91	22.007		
1,700.00	1,648.86	1,708.18	1,679.99	8.18	6.44	-159.81	44.44	-116.49	284.36	271.58	12.78	22.252		
1,800.00	1,742.67	1,789.31	1,776.17	8.84	6.80	-159.76	55.09	-128.35	306.59	293.03	13.56	22.606		
1,900.00	1,836.48	1,886.81	1,872.36	9.51	7.22	-159.71	65.74	-140.22	328.83	314.41	14.42	22.808		
2,000.00	1,930.29	1,984.30	1,968.54	10.18	7.65	-159.67	76.39	-152.09	351.07	335.79	15.27	22.985		
2,100.00	2,024.10	2,081.80	2,064.72	10.85	8.08	-159.63	87.04	-163.95	373.31	357.17	16.13	23.139		
2,200.00	2,117.90	2,179.29	2,160.91	11.52	8.52	-159.60	97.69	-175.82	395.54	378.55	16.99	23.275		
2,300.00	2,211.71	2,276.79	2,257.09	12.19	8.95	-159.57	108.34	-187.69	417.78	399.92	17.86	23.396		
2,400.00	2,305.52	2,374.29	2,353.27	12.87	9.38	-159.54	118.99	-199.56	440.02	421.30	18.72	23.505		
2,500.00	2,399.33	2,471.78	2,449.46	13.54	9.82	-159.52	129.64	-211.42	462.26	442.67	19.59	23.602		
2,600.00	2,493.13	2,569.28	2,545.64	14.22	10.25	-159.50	140.29	-223.29	484.50	464.04	20.45	23.690		
2,700.00	2,586.94	2,666.77	2,641.82	14.89	10.68	-159.48	150.94	-235.16	506.73	485.42	21.32	23.769		
2,800.00	2,680.75	2,764.27	2,738.00	15.57	11.12	-159.46	161.59	-247.02	528.97	506.79	22.19	23.842		
2,900.00	2,774.56	2,861.77	2,834.19	16.25	11.55	-159.45	172.25	-258.89	551.21	528.16	23.06	23.908		
3,000.00	2,868.36	2,959.26	2,930.37	16.93	11.99	-159.43	182.90	-270.76	573.45	549.52	23.92	23.969		
3,100.00	2,962.17	3,056.76	3,026.55	17.61	12.43	-159.42	193.55	-282.63	595.69	570.89	24.79	24.025		
3,200.00	3,055.98	3,154.25	3,122.74	18.28	12.86	-159.40	204.20	-294.49	617.93	592.26	25.66	24.077		
3,300.00	3,149.79	3,251.75	3,218.92	18.96	13.30	-159.39	214.85	-306.36	640.17	613.63	26.54	24.125		
3,400.00	3,243.60	3,349.24	3,315.10	19.64	13.73	-159.38	225.50	-318.23	662.40	635.00	27.41	24.169		
3,500.00	3,337.40	3,446.74	3,411.29	20.32	14.17	-159.37	236.15	-330.09	684.64	656.36	28.28	24.211		
3,600.00	3,431.21	3,544.24	3,507.47	21.00	14.61	-159.36	246.80	-341.96	706.88	677.73	29.15	24.249		
3,700.00	3,525.02	3,641.73	3,603.65	21.68	15.04	-159.35	257.45	-353.83	729.12	699.10	30.02	24.285		
3,800.00	3,618.83	3,739.23	3,699.83	22.36	15.48	-159.34	268.10	-365.69	751.36	720.46	30.90	24.319		
3,900.00	3,712.63	3,836.72	3,796.02	23.04	15.92	-159.33	278.75	-377.56	773.60	741.83	31.77	24.351		
4,000.00	3,806.44	3,934.22	3,892.20	23.72	16.35	-159.32	289.40	-389.43	795.84	763.19	32.64	24.381		
4,100.00	3,900.25	4,031.72	3,988.38	24.41	16.79	-159.32	300.05	-401.30	818.07	784.56	33.52	24.409		
4,200.00	3,994.06	4,129.21	4,084.57	25.09	17.23	-159.31	310.70	-413.16	840.31	805.92	34.39	24.435		
4,300.00	4,087.86	4,226.71	4,180.75	25.77	17.67	-159.30	321.35	-425.03	862.55	827.29	35.26	24.461		
4,400.00	4,181.67	4,324.20	4,276.93	26.45	18.10	-159.30	332.00	-436.90	884.79	848.65	36.14	24.484		
4,500.00	4,275.48	4,421.70	4,373.12	27.13	18.54	-159.29	342.65	-448.76	907.03	870.02	37.01	24.507		
4,600.00	4,369.29	4,519.19	4,469.30	27.81	18.98	-159.29	353.30	-460.63	929.27	891.38	37.89	24.528		
4,700.00	4,463.10	4,616.69	4,565.48	28.49	19.42	-159.28	363.95	-472.50	951.51	912.75	38.76	24.548		
4,800.00	4,556.90	4,714.19	4,661.66	29.17	19.85	-159.27	374.60	-484.36	973.75	934.11	39.64	24.568		
4,900.00	4,650.71	4,811.68	4,757.85	29.86	20.29	-159.27	385.25	-496.23	995.98	955.47	40.51	24.586		
5,000.00	4,744.52	4,909.18	4,854.03	30.54	20.73	-159.26	395.90	-508.10	1,018.22	976.84	41.39	24.603		
5,100.00	4,838.33	5,006.67	4,950.21	31.22	21.17	-159.26	406.55	-519.97	1,040.46	998.20	42.26	24.620		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	5,104.17	5,046.40	31.90	21.60	-159.26	417.20	-531.83	1,062.70	1,019.56	43.14	24.636		
5,300.00	5,025.94	5,201.66	5,142.58	32.58	22.04	-159.25	427.85	-543.70	1,084.94	1,040.93	44.01	24.651		
5,400.00	5,119.75	5,300.84	5,238.76	33.26	22.49	-159.25	438.50	-555.57	1,107.18	1,062.28	44.89	24.662		
5,500.00	5,213.56	5,396.66	5,334.95	33.95	22.92	-159.24	449.16	-567.43	1,129.42	1,083.65	45.76	24.680		
5,600.00	5,307.36	5,505.85	5,431.13	34.63	23.41	-159.24	459.81	-579.30	1,151.66	1,104.97	46.69	24.667		
5,700.00	5,401.17	5,608.35	5,527.31	35.31	23.87	-159.24	470.46	-591.17	1,173.89	1,126.31	47.59	24.669		
5,800.00	5,494.98	5,689.14	5,623.50	35.99	24.23	-159.23	481.11	-603.03	1,196.13	1,147.74	48.39	24.718		
5,900.00	5,588.79	5,786.64	5,719.68	36.68	24.67	-159.23	491.76	-614.90	1,218.37	1,169.10	49.27	24.730		
6,000.00	5,682.59	5,884.14	5,815.86	37.36	25.11	-159.23	502.41	-626.77	1,240.61	1,190.47	50.14	24.741		
6,100.00	5,776.40	5,981.63	5,912.04	38.04	25.55	-159.22	513.06	-638.64	1,262.85	1,211.83	51.02	24.752		
6,200.00	5,870.21	6,079.13	6,008.23	38.72	25.98	-159.22	523.71	-650.50	1,285.09	1,233.19	51.90	24.762		
6,300.00	5,964.02	6,176.62	6,104.41	39.40	26.42	-159.22	534.36	-662.37	1,307.33	1,254.55	52.77	24.772		
6,400.00	6,057.83	6,274.12	6,200.59	40.09	26.86	-159.21	545.01	-674.24	1,329.57	1,275.92	53.65	24.782		
6,500.00	6,151.63	6,371.61	6,296.78	40.77	27.30	-159.21	555.66	-686.10	1,351.80	1,297.28	54.53	24.791		
6,600.00	6,245.44	6,469.11	6,392.96	41.45	27.74	-159.21	566.31	-697.97	1,374.04	1,318.64	55.40	24.800		
6,700.00	6,339.25	6,566.61	6,489.14	42.13	28.18	-159.21	576.96	-709.84	1,396.28	1,340.00	56.28	24.809		
6,800.00	6,433.06	6,664.10	6,585.33	42.82	28.61	-159.20	587.61	-721.70	1,418.52	1,361.36	57.16	24.817		
6,900.00	6,526.86	6,761.60	6,681.51	43.50	29.05	-159.20	598.26	-733.57	1,440.76	1,382.72	58.04	24.826		
7,000.00	6,620.67	6,859.09	6,777.69	44.18	29.49	-159.20	608.91	-745.44	1,463.00	1,404.09	58.91	24.833		
7,100.00	6,714.48	6,956.59	6,873.87	44.86	29.93	-159.20	619.56	-757.31	1,485.24	1,425.45	59.79	24.841		
7,200.00	6,808.29	7,054.08	6,970.06	45.55	30.37	-159.20	630.21	-769.17	1,507.48	1,446.81	60.67	24.848		
7,300.00	6,902.09	7,151.58	7,066.24	46.23	30.81	-159.19	640.86	-781.04	1,529.72	1,468.17	61.54	24.855		
7,400.00	6,995.90	7,249.83	7,163.22	46.91	31.24	-159.21	651.60	-792.53	1,551.95	1,489.53	62.42	24.863		
7,500.00	7,089.71	7,348.85	7,261.53	47.59	31.59	-159.67	662.33	-792.07	1,574.09	1,511.02	63.07	24.957		
7,600.00	7,183.52	7,441.15	7,351.85	48.28	31.80	-160.65	672.01	-776.32	1,596.46	1,533.04	63.42	25.172		
7,700.00	7,277.41	7,523.63	7,429.54	48.95	31.93	-171.45	680.19	-750.07	1,619.79	1,556.22	63.56	25.484		
7,800.00	7,371.68	7,600.78	7,498.14	49.54	31.99	156.98	687.27	-715.61	1,644.28	1,580.67	63.61	25.850		
7,900.00	7,464.05	7,675.16	7,559.35	50.01	32.02	132.44	693.46	-673.90	1,669.01	1,605.39	63.62	26.234		
8,000.00	7,551.70	7,747.54	7,613.29	50.36	32.02	116.49	698.78	-626.00	1,692.99	1,629.35	63.64	26.603		
8,100.00	7,631.98	7,818.50	7,659.94	50.61	32.00	106.06	703.24	-572.78	1,715.28	1,651.57	63.71	26.922		
8,200.00	7,702.44	7,888.45	7,699.19	50.75	31.98	98.95	706.84	-515.05	1,735.06	1,671.18	63.89	27.159		
8,300.00	7,760.95	7,957.71	7,730.89	50.81	31.98	94.02	709.57	-453.57	1,751.64	1,687.42	64.22	27.277		
8,400.00	7,805.72	8,026.54	7,754.87	50.80	32.00	90.70	711.42	-389.13	1,764.44	1,699.68	64.76	27.244		
8,500.00	7,835.40	8,095.12	7,770.95	50.72	32.08	88.67	712.38	-322.51	1,773.04	1,707.49	65.55	27.048		
8,600.00	7,849.08	8,163.62	7,779.01	50.60	32.24	87.78	712.45	-254.52	1,777.17	1,710.58	66.60	26.686		
8,700.00	7,850.00	8,248.12	7,780.00	50.45	32.60	87.73	711.55	-170.05	1,777.89	1,709.96	67.93	26.173		
8,800.00	7,850.00	8,348.12	7,780.00	50.32	33.30	87.73	710.36	-70.06	1,778.46	1,708.83	69.63	25.541		
8,900.00	7,850.00	8,448.11	7,780.00	50.22	34.28	87.74	709.16	29.93	1,779.04	1,707.34	71.70	24.812		
9,000.00	7,850.00	8,548.11	7,780.00	50.15	35.49	87.74	707.97	129.92	1,779.61	1,705.51	74.10	24.015		
9,100.00	7,850.00	8,648.11	7,780.00	50.11	36.89	87.74	706.77	229.91	1,780.19	1,703.38	76.81	23.176		
9,200.00	7,850.00	8,748.11	7,780.00	50.12	38.44	87.74	705.58	329.91	1,780.76	1,700.97	79.79	22.318		
9,300.00	7,850.00	8,848.11	7,780.00	50.20	40.12	87.74	704.39	429.90	1,781.34	1,698.33	83.01	21.458		
9,400.00	7,850.00	8,948.11	7,780.00	50.42	41.90	87.74	703.19	529.89	1,781.91	1,695.46	86.45	20.611		
9,500.00	7,850.00	9,048.10	7,780.00	50.87	43.78	87.74	702.00	629.88	1,782.49	1,692.41	90.08	19.787		
9,600.00	7,850.00	9,148.10	7,780.00	51.72	45.74	87.74	700.80	729.87	1,783.06	1,689.18	93.88	18.993		
9,700.00	7,850.00	9,248.10	7,780.00	53.02	47.78	87.74	699.61	829.86	1,783.64	1,685.81	97.83	18.232		
9,800.00	7,850.00	9,348.10	7,780.00	54.65	49.87	87.74	698.42	929.85	1,784.21	1,682.31	101.91	17.508		
9,900.00	7,850.00	9,448.10	7,780.00	56.50	52.02	87.74	697.22	1,029.84	1,784.79	1,678.69	106.10	16.821		
10,000.00	7,850.00	9,548.10	7,780.00	58.48	54.22	87.74	696.03	1,129.83	1,785.36	1,674.96	110.40	16.171		
10,100.00	7,850.00	9,648.09	7,780.00	60.55	56.46	87.74	694.83	1,229.83	1,785.94	1,671.15	114.79	15.558		
10,200.00	7,850.00	9,748.09	7,780.00	62.69	58.74	87.74	693.64	1,329.82	1,786.51	1,667.25	119.27	14.979		
10,300.00	7,850.00	9,848.09	7,780.00	64.88	61.05	87.75	692.45	1,429.81	1,787.09	1,663.28	123.81	14.434		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	9,948.09	7,780.00	67.11	63.39	87.75	691.25	1,529.80	1,787.66	1,659.24	128.42	13.920		
10,500.00	7,850.00	10,048.09	7,780.00	69.38	65.76	87.75	690.06	1,629.79	1,788.24	1,655.15	133.09	13.436		
10,600.00	7,850.00	10,148.09	7,780.00	71.68	68.15	87.75	688.86	1,729.78	1,788.81	1,651.00	137.81	12.980		
10,700.00	7,850.00	10,248.08	7,780.00	74.00	70.57	87.75	687.67	1,829.77	1,789.39	1,646.81	142.58	12.550		
10,800.00	7,850.00	10,348.08	7,780.00	76.36	73.00	87.75	686.48	1,929.76	1,789.96	1,642.57	147.39	12.144		
10,900.00	7,850.00	10,448.08	7,780.00	78.73	75.45	87.75	685.28	2,029.76	1,790.54	1,638.30	152.24	11.761		
11,000.00	7,850.00	10,548.08	7,780.00	81.13	77.92	87.75	684.09	2,129.75	1,791.11	1,633.99	157.13	11.399		
11,100.00	7,850.00	10,648.08	7,780.00	83.54	80.40	87.75	682.89	2,229.74	1,791.69	1,629.65	162.04	11.057		
11,200.00	7,850.00	10,748.08	7,780.00	85.97	82.90	87.75	681.70	2,329.73	1,792.26	1,625.28	166.99	10.733		
11,300.00	7,850.00	10,848.07	7,780.00	88.42	85.40	87.75	680.51	2,429.72	1,792.84	1,620.88	171.96	10.426		
11,400.00	7,850.00	10,948.07	7,780.00	90.88	87.92	87.75	679.31	2,529.71	1,793.41	1,616.46	176.95	10.135		
11,500.00	7,850.00	11,048.07	7,780.00	93.35	90.45	87.75	678.12	2,629.70	1,793.99	1,612.02	181.97	9.859		
11,600.00	7,850.00	11,148.07	7,780.00	95.83	92.99	87.75	676.92	2,729.69	1,794.56	1,607.55	187.01	9.596		
11,700.00	7,850.00	11,248.07	7,780.00	98.33	95.54	87.76	675.73	2,829.69	1,795.14	1,603.07	192.07	9.346		
11,800.00	7,850.00	11,348.07	7,780.00	100.83	98.09	87.76	674.54	2,929.68	1,795.71	1,598.57	197.15	9.109		
11,900.00	7,850.00	11,448.06	7,780.00	103.35	100.65	87.76	673.34	3,029.67	1,796.29	1,594.05	202.24	8.882		
12,000.00	7,850.00	11,548.06	7,780.00	105.87	103.22	87.76	672.15	3,129.66	1,796.86	1,589.52	207.34	8.666		
12,100.00	7,850.00	11,648.06	7,780.00	108.40	105.79	87.76	670.95	3,229.65	1,797.44	1,584.98	212.46	8.460		
12,200.00	7,850.00	11,748.06	7,780.00	110.94	108.37	87.76	669.76	3,329.64	1,798.02	1,580.42	217.60	8.263		
12,300.00	7,850.00	11,848.06	7,780.00	113.48	110.96	87.76	668.57	3,429.63	1,798.59	1,575.85	222.74	8.075		
12,400.00	7,850.00	11,948.06	7,780.00	116.04	113.55	87.76	667.37	3,529.62	1,799.17	1,571.27	227.90	7.895		
12,500.00	7,850.00	12,048.05	7,780.00	118.59	116.15	87.76	666.18	3,629.62	1,799.74	1,566.68	233.06	7.722		
12,600.00	7,850.00	12,148.05	7,780.00	121.16	118.75	87.76	664.98	3,729.61	1,800.32	1,562.07	238.24	7.557		
12,700.00	7,850.00	12,248.05	7,780.00	123.73	121.35	87.76	663.79	3,829.60	1,800.89	1,557.46	243.43	7.398		
12,800.00	7,850.00	12,348.05	7,780.00	126.30	123.96	87.76	662.60	3,929.59	1,801.47	1,552.84	248.62	7.246		
12,900.00	7,850.00	12,448.05	7,780.00	128.88	126.57	87.76	661.40	4,029.58	1,802.04	1,548.22	253.82	7.100		
13,000.00	7,850.00	12,548.05	7,780.00	131.46	129.19	87.76	660.21	4,129.57	1,802.62	1,543.58	259.03	6.959		
13,100.00	7,850.00	12,648.04	7,780.00	134.05	131.81	87.77	659.01	4,229.56	1,803.19	1,538.94	264.25	6.824		
13,200.00	7,850.00	12,748.04	7,780.00	136.64	134.43	87.77	657.82	4,329.55	1,803.77	1,534.29	269.47	6.694		
13,300.00	7,850.00	12,848.04	7,780.00	139.24	137.05	87.77	656.63	4,429.54	1,804.34	1,529.64	274.70	6.568		
13,400.00	7,850.00	12,948.04	7,780.00	141.84	139.68	87.77	655.43	4,529.53	1,804.92	1,524.98	279.94	6.448		
13,500.00	7,850.00	13,048.04	7,780.00	144.44	142.31	87.77	654.24	4,629.53	1,805.49	1,520.31	285.18	6.331		
13,600.00	7,850.00	13,148.04	7,780.00	147.05	144.94	87.77	653.04	4,729.52	1,806.07	1,515.64	290.43	6.219		
13,700.00	7,850.00	13,248.03	7,780.00	149.66	147.58	87.77	651.85	4,829.51	1,806.64	1,510.96	295.68	6.110		
13,800.00	7,850.00	13,348.03	7,780.00	152.27	150.21	87.77	650.66	4,929.50	1,807.22	1,506.28	300.94	6.005		
13,900.00	7,850.00	13,448.03	7,780.00	154.88	152.85	87.77	649.46	5,029.49	1,807.79	1,501.59	306.20	5.904		
14,000.00	7,850.00	13,548.03	7,780.00	157.50	155.49	87.77	648.27	5,129.48	1,808.37	1,496.90	311.46	5.806		
14,100.00	7,850.00	13,648.03	7,780.00	160.12	158.13	87.77	647.07	5,229.47	1,808.94	1,492.21	316.73	5.711		
14,200.00	7,850.00	13,748.03	7,780.00	162.74	160.78	87.77	645.88	5,329.47	1,809.52	1,487.51	322.01	5.619		
14,300.00	7,850.00	13,848.02	7,780.00	165.36	163.42	87.77	644.69	5,429.46	1,810.09	1,482.81	327.28	5.531		
14,400.00	7,850.00	13,948.02	7,780.00	167.99	166.07	87.77	643.49	5,529.45	1,810.67	1,478.10	332.57	5.445		
14,500.00	7,850.00	14,048.02	7,780.00	170.62	168.72	87.78	642.30	5,629.44	1,811.24	1,473.39	337.85	5.361		
14,600.00	7,850.00	14,148.02	7,780.00	173.25	171.37	87.78	641.10	5,729.43	1,811.82	1,468.68	343.14	5.280		
14,700.00	7,850.00	14,248.02	7,780.00	175.88	174.02	87.78	639.91	5,829.42	1,812.39	1,463.96	348.43	5.202		
14,800.00	7,850.00	14,348.02	7,780.00	178.52	176.68	87.78	638.72	5,929.41	1,812.97	1,459.24	353.72	5.125		
14,900.00	7,850.00	14,448.01	7,780.00	181.15	179.33	87.78	637.52	6,029.40	1,813.54	1,454.52	359.02	5.051		
15,000.00	7,850.00	14,548.01	7,780.00	183.79	181.99	87.78	636.33	6,129.40	1,814.12	1,449.80	364.32	4.980		
15,100.00	7,850.00	14,648.01	7,780.00	186.43	184.64	87.78	635.13	6,229.39	1,814.69	1,445.07	369.62	4.910		
15,200.00	7,850.00	14,748.01	7,780.00	189.07	187.30	87.78	633.94	6,329.38	1,815.27	1,440.34	374.92	4.842		
15,300.00	7,850.00	14,848.01	7,780.00	191.71	189.96	87.78	632.75	6,429.37	1,815.84	1,435.61	380.23	4.776		
15,400.00	7,850.00	14,948.01	7,780.00	194.36	192.62	87.78	631.55	6,529.36	1,816.42	1,430.88	385.54	4.711		
15,500.00	7,850.00	15,048.01	7,780.00	197.00	195.28	87.78	630.36	6,629.35	1,816.99	1,426.14	390.85	4.649		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	15,148.00	7,780.00	199.65	197.94	87.78	629.16	6,729.34	1,817.57	1,421.41	396.16	4.588		
15,700.00	7,850.00	15,248.00	7,780.00	202.30	200.61	87.78	627.97	6,829.33	1,818.14	1,416.67	401.47	4.529		
15,800.00	7,850.00	15,348.00	7,780.00	204.94	203.27	87.78	626.78	6,929.33	1,818.72	1,411.92	406.79	4.471		
15,900.00	7,850.00	15,448.00	7,780.00	207.59	205.94	87.79	625.58	7,029.32	1,819.29	1,407.18	412.11	4.415		
16,000.00	7,850.00	15,548.00	7,780.00	210.25	208.60	87.79	624.39	7,129.31	1,819.87	1,402.44	417.43	4.360		
16,100.00	7,850.00	15,648.00	7,780.00	212.90	211.27	87.79	623.19	7,229.30	1,820.44	1,397.69	422.75	4.306		
16,200.00	7,850.00	15,747.99	7,780.00	215.55	213.93	87.79	622.00	7,329.29	1,821.02	1,392.94	428.08	4.254		
16,300.00	7,850.00	15,823.26	7,780.00	218.20	215.94	87.79	620.84	7,404.55	1,822.02	1,389.61	432.41	4.214		
16,400.00	7,850.00	15,884.36	7,780.00	220.86	217.57	87.79	618.63	7,465.61	1,825.02	1,389.00	436.02	4.186		
16,500.00	7,850.00	15,965.06	7,780.00	223.52	219.73	87.80	614.16	7,546.18	1,829.87	1,389.45	440.43	4.155		
16,600.00	7,850.00	16,064.93	7,780.00	226.17	222.39	87.80	608.43	7,645.89	1,834.98	1,389.23	445.76	4.117		
16,700.00	7,850.00	16,164.80	7,780.00	228.83	225.06	87.81	602.71	7,745.59	1,840.10	1,389.01	451.09	4.079		
16,800.00	7,850.00	16,264.67	7,780.00	231.49	227.73	87.81	596.98	7,845.30	1,845.21	1,388.79	456.42	4.043		
16,900.00	7,850.00	16,364.54	7,780.00	234.15	230.40	87.82	591.26	7,945.00	1,850.32	1,388.57	461.75	4.007		
17,000.00	7,850.00	16,464.41	7,780.00	236.81	233.07	87.83	585.53	8,044.71	1,855.43	1,388.34	467.09	3.972		
17,100.00	7,850.00	16,564.27	7,780.00	239.47	235.74	87.83	579.80	8,144.41	1,860.54	1,388.12	472.42	3.938		
17,200.00	7,850.00	16,664.14	7,780.00	242.13	238.41	87.84	574.08	8,244.12	1,865.65	1,387.89	477.76	3.905		
17,300.00	7,850.00	16,764.01	7,780.00	244.79	241.08	87.84	568.35	8,343.82	1,870.77	1,387.67	483.10	3.872		
17,400.00	7,850.00	16,863.88	7,780.00	247.46	243.75	87.85	562.63	8,443.53	1,875.88	1,387.44	488.44	3.841		
17,500.00	7,850.00	16,963.75	7,780.00	250.12	246.43	87.86	556.90	8,543.23	1,880.99	1,387.21	493.78	3.809		
17,600.00	7,850.00	17,063.62	7,780.00	252.79	249.10	87.86	551.18	8,642.93	1,886.10	1,386.98	499.12	3.779		
17,700.00	7,850.00	17,163.49	7,780.00	255.45	251.78	87.87	545.45	8,742.64	1,891.21	1,386.75	504.47	3.749		
17,800.00	7,850.00	17,263.36	7,780.00	258.12	254.45	87.87	539.73	8,842.34	1,896.32	1,386.51	509.81	3.720		
17,900.00	7,850.00	17,363.23	7,780.00	260.78	257.12	87.88	534.00	8,942.05	1,901.44	1,386.28	515.16	3.691		
18,000.00	7,850.00	17,463.10	7,780.00	263.45	259.80	87.88	528.28	9,041.75	1,906.55	1,386.05	520.50	3.663		
18,100.00	7,850.00	17,562.97	7,780.00	266.12	262.48	87.89	522.55	9,141.46	1,911.66	1,385.81	525.85	3.635		
18,200.00	7,850.00	17,662.83	7,780.00	268.79	265.15	87.90	516.82	9,241.16	1,916.77	1,385.58	531.19	3.608		
18,300.00	7,850.00	17,762.70	7,780.00	271.45	267.83	87.90	511.10	9,340.87	1,921.88	1,385.34	536.54	3.582		
18,400.00	7,850.00	17,862.57	7,780.00	274.12	270.51	87.91	505.37	9,440.57	1,927.00	1,385.10	541.89	3.556		
18,500.00	7,850.00	17,962.44	7,780.00	276.79	273.19	87.91	499.65	9,540.28	1,932.11	1,384.86	547.24	3.531		
18,600.00	7,850.00	18,062.31	7,780.00	279.46	275.86	87.92	493.92	9,639.98	1,937.22	1,384.63	552.59	3.506		
18,700.00	7,850.00	18,162.18	7,780.00	282.13	278.54	87.92	488.20	9,739.69	1,942.33	1,384.39	557.95	3.481		
18,800.00	7,850.00	18,262.05	7,780.00	284.80	281.22	87.93	482.47	9,839.39	1,947.44	1,384.15	563.30	3.457		
18,900.00	7,850.00	18,361.92	7,780.00	287.48	283.90	87.93	476.75	9,939.10	1,952.56	1,383.90	568.65	3.434		
19,000.00	7,850.00	18,461.79	7,780.00	290.15	286.58	87.94	471.02	10,038.80	1,957.67	1,383.66	574.01	3.411		
19,100.00	7,850.00	18,561.66	7,780.00	292.82	289.26	87.94	465.29	10,138.51	1,962.78	1,383.42	579.36	3.388		
19,200.00	7,850.00	18,661.53	7,780.00	295.49	291.94	87.95	459.57	10,238.21	1,967.89	1,383.18	584.72	3.366		
19,300.00	7,850.00	18,761.39	7,780.00	298.16	294.62	87.96	453.84	10,337.92	1,973.00	1,382.93	590.07	3.344		
19,400.00	7,850.00	18,861.26	7,780.00	300.84	297.30	87.96	448.12	10,437.62	1,978.12	1,382.69	595.43	3.322		
19,500.00	7,850.00	18,961.13	7,780.00	303.51	299.98	87.97	442.39	10,537.33	1,983.23	1,382.44	600.79	3.301		
19,600.00	7,850.00	19,061.00	7,780.00	306.19	302.67	87.97	436.67	10,637.03	1,988.34	1,382.20	606.14	3.280		
19,700.00	7,850.00	19,160.87	7,780.00	308.86	305.35	87.98	430.94	10,736.74	1,993.45	1,381.95	611.50	3.260		
19,800.00	7,850.00	19,260.74	7,780.00	311.54	308.03	87.98	425.22	10,836.44	1,998.57	1,381.70	616.86	3.240		
19,900.00	7,850.00	19,360.61	7,780.00	314.21	310.71	87.99	419.49	10,936.15	2,003.68	1,381.46	622.22	3.220		
20,000.00	7,850.00	19,460.48	7,780.00	316.89	313.40	87.99	413.76	11,035.85	2,008.79	1,381.21	627.58	3.201		
20,100.00	7,850.00	19,560.35	7,780.00	319.56	316.08	88.00	408.04	11,135.56	2,013.90	1,380.96	632.94	3.182		
20,200.00	7,850.00	19,660.22	7,780.00	322.24	318.76	88.00	402.31	11,235.26	2,019.01	1,380.71	638.30	3.163		
20,300.00	7,850.00	19,760.09	7,780.00	324.91	321.45	88.01	396.59	11,334.97	2,024.13	1,380.46	643.66	3.145		
20,400.00	7,850.00	19,859.95	7,780.00	327.59	324.13	88.01	390.86	11,434.67	2,029.24	1,380.21	649.03	3.127		
20,500.00	7,850.00	19,959.82	7,780.00	330.27	326.82	88.02	385.14	11,534.37	2,034.35	1,379.96	654.39	3.109		
20,600.00	7,850.00	20,059.69	7,780.00	332.95	329.50	88.02	379.41	11,634.08	2,039.46	1,379.71	659.75	3.091		
20,700.00	7,850.00	20,159.56	7,780.00	335.62	332.19	88.03	373.69	11,733.78	2,044.58	1,379.46	665.11	3.074		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
20,800.00	7,850.00	20,259.43	7,780.00	338.30	334.87	88.03	367.96	11,833.49	2,049.69	1,379.21	670.48	3.057		
20,900.00	7,850.00	20,359.30	7,780.00	340.98	337.56	88.04	362.23	11,933.19	2,054.80	1,378.96	675.84	3.040		
21,000.00	7,850.00	20,459.17	7,780.00	343.66	340.24	88.04	356.51	12,032.90	2,059.91	1,378.70	681.21	3.024		
21,100.00	7,850.00	20,559.04	7,780.00	346.34	342.93	88.05	350.78	12,132.60	2,065.02	1,378.45	686.57	3.008		
21,200.00	7,850.00	20,658.91	7,780.00	349.01	345.61	88.05	345.06	12,232.31	2,070.14	1,378.20	691.94	2.992		
21,300.00	7,850.00	20,758.78	7,780.00	351.69	348.30	88.06	339.33	12,332.01	2,075.25	1,377.95	697.30	2.976		
21,400.00	7,850.00	20,858.65	7,780.00	354.37	350.99	88.06	333.61	12,431.72	2,080.36	1,377.69	702.67	2.961		
21,500.00	7,850.00	20,958.51	7,780.00	357.05	353.67	88.07	327.88	12,531.42	2,085.47	1,377.44	708.04	2.945		
21,600.00	7,850.00	21,058.38	7,780.00	359.73	356.36	88.07	322.16	12,631.13	2,090.59	1,377.18	713.40	2.930		
21,700.00	7,850.00	21,158.25	7,780.00	362.41	359.05	88.08	316.43	12,730.83	2,095.70	1,376.93	718.77	2.916		
21,800.00	7,850.00	21,258.12	7,780.00	365.09	361.73	88.08	310.70	12,830.54	2,100.81	1,376.67	724.14	2.901		
21,900.00	7,850.00	21,357.99	7,780.00	367.77	364.42	88.08	304.98	12,930.24	2,105.92	1,376.42	729.51	2.887		
22,000.00	7,850.00	21,457.86	7,780.00	370.45	367.11	88.09	299.25	13,029.95	2,111.04	1,376.16	734.88	2.873		
22,100.00	7,850.00	21,557.73	7,780.00	373.14	369.80	88.09	293.53	13,129.65	2,116.15	1,375.90	740.25	2.859		
22,200.00	7,850.00	21,657.60	7,780.00	375.82	372.48	88.10	287.80	13,229.36	2,121.26	1,375.65	745.61	2.845		
22,300.00	7,850.00	21,757.47	7,780.00	378.50	375.17	88.10	282.08	13,329.06	2,126.37	1,375.39	750.98	2.831		
22,400.00	7,850.00	21,857.34	7,780.00	381.18	377.86	88.11	276.35	13,428.77	2,131.49	1,375.13	756.35	2.818		
22,500.00	7,850.00	21,957.20	7,780.00	383.86	380.55	88.11	270.63	13,528.47	2,136.60	1,374.88	761.72	2.805		
22,600.00	7,850.00	22,057.07	7,780.00	386.54	383.24	88.12	264.90	13,628.18	2,141.71	1,374.62	767.09	2.792		
22,700.00	7,850.00	22,156.94	7,780.00	389.22	385.93	88.12	259.17	13,727.88	2,146.82	1,374.36	772.46	2.779		
22,800.00	7,850.00	22,256.81	7,780.00	391.91	388.61	88.13	253.45	13,827.59	2,151.94	1,374.10	777.84	2.767		
22,900.00	7,850.00	22,356.68	7,780.00	394.59	391.30	88.13	247.72	13,927.29	2,157.05	1,373.84	783.21	2.754		
23,000.00	7,850.00	22,456.55	7,780.00	397.27	393.99	88.13	242.00	14,027.00	2,162.16	1,373.58	788.58	2.742		
23,100.00	7,850.00	22,556.42	7,780.00	399.95	396.68	88.14	236.27	14,126.70	2,167.28	1,373.33	793.95	2.730		
23,200.00	7,850.00	22,656.29	7,780.00	402.64	399.37	88.14	230.55	14,226.40	2,172.39	1,373.07	799.32	2.718		
23,300.00	7,850.00	22,756.16	7,780.00	405.32	402.06	88.15	224.82	14,326.11	2,177.50	1,372.81	804.69	2.706		
23,400.00	7,850.00	22,856.03	7,780.00	408.00	404.75	88.15	219.10	14,425.81	2,182.61	1,372.55	810.07	2.694		
23,500.00	7,850.00	22,955.90	7,780.00	410.69	407.44	88.16	213.37	14,525.52	2,187.73	1,372.29	815.44	2.683		
23,600.00	7,850.00	23,055.76	7,780.00	413.37	410.13	88.16	207.64	14,625.22	2,192.84	1,372.03	820.81	2.672		
23,700.00	7,850.00	23,155.63	7,780.00	416.05	412.82	88.16	201.92	14,724.93	2,197.95	1,371.77	826.19	2.660		
23,800.00	7,850.00	23,255.50	7,780.00	418.74	415.51	88.17	196.19	14,824.63	2,203.06	1,371.50	831.56	2.649		
23,900.00	7,850.00	23,355.37	7,780.00	421.42	418.20	88.17	190.47	14,924.34	2,208.18	1,371.24	836.93	2.638		
24,000.00	7,850.00	23,455.24	7,780.00	424.11	420.89	88.18	184.74	15,024.04	2,213.29	1,370.98	842.31	2.628		
24,092.24	7,850.00	23,547.35	7,780.00	426.58	423.37	88.18	179.46	15,116.01	2,218.01	1,370.74	847.26	2.618 SF		

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	0.40	0.40	0.00	0.00	180.00	-80.13	0.00	80.13					
100.00	100.00	100.40	100.40	0.13	0.14	180.00	-80.13	0.00	80.13	79.86	0.27	296.480		
200.00	200.00	200.40	200.40	0.49	0.49	180.00	-80.13	0.00	80.13	79.15	0.99	81.171 CC, ES		
300.00	299.98	300.38	300.38	0.85	0.85	-161.38	-80.13	0.00	81.79	80.08	1.71	47.956		
400.00	399.84	400.24	400.24	1.22	1.21	-162.46	-80.13	0.00	86.76	84.33	2.43	35.721		
500.00	499.45	500.15	499.85	1.59	1.57	-163.99	-80.13	0.00	95.11	91.96	3.16	30.145		
600.00	598.70	599.10	599.10	1.97	1.92	-165.73	-80.13	0.00	106.88	103.00	3.88	27.543		
700.00	697.47	699.16	699.14	2.38	2.28	-166.72	-79.79	-1.68	121.59	116.98	4.60	26.405		
800.00	795.62	799.06	798.90	2.82	2.63	-166.41	-78.73	-6.77	138.63	133.29	5.33	25.994		
900.00	893.06	898.61	898.07	3.29	2.99	-165.21	-76.99	-15.23	158.01	151.93	6.08	25.999		
1,000.00	989.64	1,002.98	995.78	3.80	3.38	-163.56	-74.62	-26.64	179.89	173.03	6.86	26.205		
1,100.00	1,085.27	1,106.24	1,091.77	4.35	3.77	-162.36	-72.18	-38.46	204.97	197.30	7.67	26.727		
1,200.00	1,179.82	1,189.64	1,186.90	4.95	4.10	-161.63	-69.76	-50.17	233.28	224.87	8.41	27.736		
1,300.00	1,273.63	1,284.93	1,281.45	5.58	4.47	-161.34	-67.35	-61.81	263.59	254.39	9.21	28.632		
1,400.00	1,367.44	1,380.21	1,375.98	6.22	4.85	-161.13	-64.94	-73.45	293.94	283.93	10.00	29.382		
1,500.00	1,461.25	1,475.49	1,470.52	6.87	5.23	-160.96	-62.54	-85.08	324.28	313.47	10.81	29.999		
1,600.00	1,555.06	1,570.77	1,565.06	7.52	5.62	-160.82	-60.13	-96.72	354.63	343.01	11.62	30.514		
1,700.00	1,648.86	1,666.05	1,659.59	8.18	6.00	-160.70	-57.72	-108.36	384.98	372.54	12.44	30.950		
1,800.00	1,742.67	1,761.33	1,754.13	8.84	6.39	-160.60	-55.31	-120.00	415.33	402.07	13.26	31.323		
1,900.00	1,836.48	1,856.61	1,848.67	9.51	6.78	-160.51	-52.91	-131.63	445.68	431.60	14.08	31.644		
2,000.00	1,930.29	1,951.89	1,943.20	10.18	7.16	-160.43	-50.50	-143.27	476.03	461.12	14.91	31.924		
2,100.00	2,024.10	2,047.18	2,037.74	10.85	7.55	-160.37	-48.09	-154.91	506.39	490.64	15.74	32.170		
2,200.00	2,117.90	2,142.46	2,132.28	11.52	7.94	-160.31	-45.69	-166.55	536.74	520.17	16.57	32.387		
2,300.00	2,211.71	2,237.74	2,226.81	12.19	8.33	-160.25	-43.28	-178.19	567.09	549.69	17.41	32.580		
2,400.00	2,305.52	2,333.02	2,321.35	12.87	8.73	-160.20	-40.87	-189.82	597.45	579.21	18.24	32.753		
2,500.00	2,399.33	2,428.30	2,415.89	13.54	9.12	-160.16	-38.46	-201.46	627.80	608.73	19.08	32.909		
2,600.00	2,493.13	2,523.58	2,510.42	14.22	9.51	-160.12	-36.06	-213.10	658.16	638.24	19.91	33.049		
2,700.00	2,586.94	2,618.86	2,604.96	14.89	9.90	-160.09	-33.65	-224.74	688.51	667.76	20.75	33.177		
2,800.00	2,680.75	2,714.14	2,699.50	15.57	10.29	-160.05	-31.24	-236.37	718.87	697.28	21.59	33.293		
2,900.00	2,774.56	2,809.42	2,794.03	16.25	10.69	-160.02	-28.83	-248.01	749.22	726.79	22.43	33.399		
3,000.00	2,868.36	2,904.70	2,888.57	16.93	11.08	-160.00	-26.43	-259.65	779.58	756.31	23.27	33.497		
3,100.00	2,962.17	3,000.02	2,983.10	17.61	11.47	-159.97	-24.02	-271.29	809.94	785.82	24.11	33.586		
3,200.00	3,055.98	3,104.74	3,077.64	18.28	11.91	-159.95	-21.61	-282.92	840.29	815.30	25.00	33.617		
3,300.00	3,149.79	3,209.46	3,172.18	18.96	12.34	-159.92	-19.21	-294.56	870.65	844.77	25.88	33.645		
3,400.00	3,243.60	3,285.82	3,266.71	19.64	12.65	-159.90	-16.80	-306.20	901.01	874.36	26.64	33.818		
3,500.00	3,337.40	3,381.10	3,361.25	20.32	13.05	-159.88	-14.39	-317.84	931.36	903.88	27.49	33.884		
3,600.00	3,431.21	3,476.38	3,455.79	21.00	13.44	-159.87	-11.98	-329.48	961.72	933.39	28.33	33.946		
3,700.00	3,525.02	3,571.67	3,550.32	21.68	13.84	-159.85	-9.58	-341.11	992.07	962.90	29.17	34.004		
3,800.00	3,618.83	3,666.95	3,644.86	22.36	14.23	-159.83	-7.17	-352.75	1,022.43	992.41	30.02	34.059		
3,900.00	3,712.63	3,762.23	3,739.40	23.04	14.62	-159.82	-4.76	-364.39	1,052.79	1,021.92	30.86	34.110		
4,000.00	3,806.44	3,857.51	3,833.93	23.72	15.02	-159.80	-2.36	-376.03	1,083.15	1,051.44	31.71	34.157		
4,100.00	3,900.25	3,952.79	3,928.47	24.41	15.41	-159.79	0.05	-387.66	1,113.50	1,080.95	32.56	34.202		
4,200.00	3,994.06	4,048.07	4,023.01	25.09	15.81	-159.78	2.46	-399.30	1,143.86	1,110.46	33.40	34.245		
4,300.00	4,087.86	4,143.35	4,117.54	25.77	16.20	-159.77	4.87	-410.94	1,174.22	1,139.97	34.25	34.285		
4,400.00	4,181.67	4,238.63	4,212.08	26.45	16.60	-159.75	7.27	-422.58	1,204.57	1,169.48	35.10	34.323		
4,500.00	4,275.48	4,333.91	4,306.62	27.13	16.99	-159.74	9.68	-434.21	1,234.93	1,198.99	35.94	34.359		
4,600.00	4,369.29	4,429.19	4,401.15	27.81	17.39	-159.73	12.09	-445.85	1,265.29	1,228.50	36.79	34.393		
4,700.00	4,463.10	4,524.47	4,495.69	28.49	17.78	-159.72	14.49	-457.49	1,295.65	1,258.01	37.64	34.426		
4,800.00	4,556.90	4,619.75	4,590.23	29.17	18.18	-159.71	16.90	-469.13	1,326.00	1,287.52	38.48	34.456		
4,900.00	4,650.71	4,715.03	4,684.76	29.86	18.57	-159.70	19.31	-480.77	1,356.36	1,317.03	39.33	34.486		
5,000.00	4,744.52	4,810.31	4,779.30	30.54	18.97	-159.70	21.72	-492.40	1,386.72	1,346.54	40.18	34.513		
5,100.00	4,838.33	4,905.59	4,873.84	31.22	19.36	-159.69	24.12	-504.04	1,417.07	1,376.05	41.03	34.540		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	5,000.87	4,968.37	31.90	19.76	-159.68	26.53	-515.68	1,447.43	1,405.56	41.88	34.565		
5,300.00	5,025.94	5,103.85	5,062.91	32.58	20.19	-159.67	28.94	-527.32	1,477.79	1,435.03	42.76	34.564		
5,400.00	5,119.75	5,208.56	5,157.45	33.26	20.62	-159.66	31.35	-538.95	1,508.15	1,464.50	43.64	34.556		
5,500.00	5,213.56	5,286.72	5,251.98	33.95	20.94	-159.66	33.75	-550.59	1,538.50	1,494.08	44.42	34.635		
5,600.00	5,307.36	5,382.00	5,346.52	34.63	21.34	-159.65	36.16	-562.23	1,568.86	1,523.59	45.27	34.656		
5,700.00	5,401.17	5,477.28	5,441.06	35.31	21.74	-159.64	38.57	-573.87	1,599.22	1,553.10	46.12	34.676		
5,800.00	5,494.98	5,572.56	5,535.59	35.99	22.13	-159.64	40.97	-585.50	1,629.58	1,582.61	46.97	34.696		
5,900.00	5,588.79	5,667.84	5,630.13	36.68	22.53	-159.63	43.38	-597.14	1,659.93	1,612.12	47.82	34.714		
6,000.00	5,682.59	5,763.12	5,724.67	37.36	22.92	-159.63	45.79	-608.78	1,690.29	1,641.63	48.67	34.732		
6,100.00	5,776.40	5,858.40	5,819.20	38.04	23.32	-159.62	48.20	-620.42	1,720.65	1,671.13	49.52	34.749		
6,200.00	5,870.21	5,953.68	5,913.74	38.72	23.71	-159.62	50.60	-632.06	1,751.01	1,700.64	50.37	34.766		
6,300.00	5,964.02	6,048.96	6,008.28	39.40	24.11	-159.61	53.01	-643.69	1,781.36	1,730.15	51.22	34.781		
6,400.00	6,057.83	6,144.24	6,102.81	40.09	24.50	-159.61	55.42	-655.33	1,811.72	1,759.66	52.07	34.797		
6,500.00	6,151.63	6,239.52	6,197.35	40.77	24.90	-159.60	57.82	-666.97	1,842.08	1,789.16	52.92	34.811		
6,600.00	6,245.44	6,334.80	6,291.88	41.45	25.30	-159.60	60.23	-678.61	1,872.44	1,818.67	53.77	34.825		
6,700.00	6,339.25	6,430.08	6,386.42	42.13	25.69	-159.59	62.64	-690.24	1,902.80	1,848.18	54.62	34.839		
6,800.00	6,433.06	6,525.36	6,480.96	42.82	26.09	-159.59	65.05	-701.88	1,933.15	1,877.69	55.47	34.852		
6,900.00	6,526.86	6,620.64	6,575.49	43.50	26.48	-159.58	67.45	-713.52	1,963.51	1,907.19	56.32	34.865		
7,000.00	6,620.67	6,715.93	6,670.03	44.18	26.88	-159.58	69.86	-725.16	1,993.87	1,936.70	57.17	34.877		
7,100.00	6,714.48	6,811.21	6,764.57	44.86	27.27	-159.57	72.27	-736.79	2,024.23	1,966.21	58.02	34.889		
7,200.00	6,808.29	6,906.49	6,859.10	45.55	27.67	-159.57	74.67	-748.43	2,054.58	1,995.71	58.87	34.900		
7,300.00	6,902.09	7,001.77	6,953.64	46.23	28.07	-159.57	77.08	-760.07	2,084.94	2,025.22	59.72	34.911		
7,400.00	6,995.90	7,102.95	7,048.18	46.91	28.49	-159.56	79.49	-771.71	2,115.30	2,054.70	60.60	34.907		
7,500.00	7,089.71	7,192.33	7,142.71	47.59	28.86	-159.56	81.90	-783.35	2,145.66	2,084.23	61.42	34.931		
7,600.00	7,183.52	7,287.09	7,236.82	48.28	29.24	-159.58	84.28	-794.14	2,176.02	2,113.76	62.26	34.951		
7,700.00	7,277.41	7,379.17	7,328.76	48.95	29.52	-169.67	86.48	-793.22	2,206.49	2,143.59	62.90	35.078		
7,800.00	7,371.68	7,468.94	7,417.15	49.54	29.71	158.86	88.42	-778.16	2,237.25	2,173.91	63.35	35.318		
7,900.00	7,464.05	7,557.41	7,500.91	50.01	29.83	134.40	90.09	-749.99	2,267.51	2,203.87	63.65	35.627		
8,000.00	7,551.70	7,645.20	7,578.77	50.36	29.91	118.52	91.48	-709.65	2,296.32	2,232.47	63.85	35.964		
8,100.00	7,631.98	7,732.79	7,649.41	50.61	29.98	108.15	92.56	-658.01	2,322.79	2,258.77	64.02	36.284		
8,200.00	7,702.44	7,820.60	7,711.51	50.75	30.06	101.08	93.31	-596.06	2,346.10	2,281.89	64.21	36.537		
8,300.00	7,760.95	7,908.88	7,763.68	50.81	30.20	96.20	93.71	-524.95	2,365.55	2,301.04	64.52	36.665		
8,400.00	7,805.72	7,997.80	7,804.57	50.80	30.42	92.90	93.75	-446.09	2,380.57	2,315.55	65.02	36.615		
8,500.00	7,835.40	8,087.41	7,832.96	50.72	30.78	90.90	93.42	-361.19	2,390.69	2,324.91	65.77	36.347		
8,600.00	7,849.08	8,177.67	7,847.83	50.60	31.27	90.03	92.71	-272.27	2,395.62	2,328.82	66.81	35.859		
8,700.00	7,850.00	8,272.55	7,850.00	50.45	31.93	89.99	91.63	-177.45	2,396.46	2,328.33	68.13	35.173		
8,800.00	7,850.00	8,372.55	7,850.00	50.32	32.81	89.99	90.44	-77.46	2,397.04	2,327.19	69.85	34.317		
8,900.00	7,850.00	8,472.55	7,850.00	50.22	33.89	89.99	89.24	22.53	2,397.61	2,325.69	71.92	33.336		
9,000.00	7,850.00	8,572.55	7,850.00	50.15	35.14	89.99	88.05	122.52	2,398.19	2,323.86	74.33	32.263		
9,100.00	7,850.00	8,672.55	7,850.00	50.11	36.54	89.99	86.86	222.51	2,398.76	2,321.72	77.04	31.136		
9,200.00	7,850.00	8,772.55	7,850.00	50.12	38.09	89.99	85.66	322.50	2,399.34	2,319.31	80.03	29.982		
9,300.00	7,850.00	8,872.54	7,850.00	50.20	39.75	89.99	84.47	422.50	2,399.91	2,316.66	83.25	28.827		
9,400.00	7,850.00	8,972.54	7,850.00	50.42	41.53	89.99	83.27	522.49	2,400.49	2,313.80	86.69	27.690		
9,500.00	7,850.00	9,072.54	7,850.00	50.87	43.40	89.99	82.08	622.48	2,401.06	2,310.74	90.33	26.582		
9,600.00	7,850.00	9,172.54	7,850.00	51.72	45.36	89.99	80.89	722.47	2,401.64	2,307.51	94.13	25.515		
9,700.00	7,850.00	9,272.54	7,850.00	53.02	47.38	89.99	79.69	822.46	2,402.22	2,304.14	98.08	24.494		
9,800.00	7,850.00	9,372.54	7,850.00	54.65	49.47	89.99	78.50	922.45	2,402.79	2,300.63	102.16	23.521		
9,900.00	7,850.00	9,472.53	7,850.00	56.50	51.62	89.99	77.30	1,022.44	2,403.37	2,297.01	106.36	22.598		
10,000.00	7,850.00	9,572.53	7,850.00	58.48	53.82	89.99	76.11	1,122.43	2,403.94	2,293.29	110.66	21.724		
10,100.00	7,850.00	9,672.53	7,850.00	60.55	56.06	89.99	74.92	1,222.43	2,404.52	2,289.47	115.05	20.900		
10,200.00	7,850.00	9,772.53	7,850.00	62.69	58.34	89.99	73.72	1,322.42	2,405.09	2,285.57	119.52	20.122		
10,300.00	7,850.00	9,872.53	7,850.00	64.88	60.65	89.99	72.53	1,422.41	2,405.67	2,281.60	124.07	19.389		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	9,972.53	7,850.00	67.11	62.99	89.99	71.34	1,522.40	2,406.24	2,277.56	128.68	18.699		
10,500.00	7,850.00	10,072.53	7,850.00	69.38	65.36	89.99	70.14	1,622.39	2,406.82	2,273.46	133.35	18.048		
10,600.00	7,850.00	10,172.52	7,850.00	71.68	67.76	89.99	68.95	1,722.38	2,407.39	2,269.32	138.08	17.435		
10,700.00	7,850.00	10,272.52	7,850.00	74.00	70.18	89.99	67.75	1,822.37	2,407.97	2,265.12	142.85	16.857		
10,800.00	7,850.00	10,372.52	7,850.00	76.36	72.61	89.99	66.56	1,922.36	2,408.54	2,260.88	147.66	16.311		
10,900.00	7,850.00	10,472.52	7,850.00	78.73	75.07	89.99	65.37	2,022.36	2,409.12	2,256.61	152.51	15.796		
11,000.00	7,850.00	10,572.52	7,850.00	81.13	77.54	89.99	64.17	2,122.35	2,409.70	2,252.29	157.40	15.309		
11,100.00	7,850.00	10,672.52	7,850.00	83.54	80.02	89.99	62.98	2,222.34	2,410.27	2,247.95	162.32	14.849		
11,200.00	7,850.00	10,772.51	7,850.00	85.97	82.52	89.99	61.78	2,322.33	2,410.85	2,243.58	167.27	14.413		
11,300.00	7,850.00	10,872.51	7,850.00	88.42	85.03	89.99	60.59	2,422.32	2,411.42	2,239.18	172.24	14.000		
11,400.00	7,850.00	10,972.51	7,850.00	90.88	87.55	89.99	59.40	2,522.31	2,412.00	2,234.76	177.24	13.609		
11,500.00	7,850.00	11,072.51	7,850.00	93.35	90.08	89.99	58.20	2,622.30	2,412.57	2,230.31	182.26	13.237		
11,600.00	7,850.00	11,172.51	7,850.00	95.83	92.62	89.99	57.01	2,722.29	2,413.15	2,225.84	187.30	12.884		
11,700.00	7,850.00	11,272.51	7,850.00	98.33	95.17	89.99	55.81	2,822.28	2,413.72	2,221.36	192.36	12.548		
11,800.00	7,850.00	11,372.50	7,850.00	100.83	97.73	89.99	54.62	2,922.28	2,414.30	2,216.86	197.44	12.228		
11,900.00	7,850.00	11,472.50	7,850.00	103.35	100.29	89.99	53.43	3,022.27	2,414.87	2,212.34	202.54	11.923		
12,000.00	7,850.00	11,572.50	7,850.00	105.87	102.87	89.99	52.23	3,122.26	2,415.45	2,207.80	207.64	11.633		
12,100.00	7,850.00	11,672.50	7,850.00	108.40	105.44	89.99	51.04	3,222.25	2,416.02	2,203.26	212.77	11.355		
12,200.00	7,850.00	11,772.50	7,850.00	110.94	108.03	89.99	49.84	3,322.24	2,416.60	2,198.70	217.90	11.090		
12,300.00	7,850.00	11,872.50	7,850.00	113.48	110.61	89.99	48.65	3,422.23	2,417.18	2,194.12	223.05	10.837		
12,400.00	7,850.00	11,972.49	7,850.00	116.04	113.21	89.99	47.46	3,522.22	2,417.75	2,189.54	228.21	10.594		
12,500.00	7,850.00	12,072.49	7,850.00	118.59	115.81	89.99	46.26	3,622.21	2,418.33	2,184.94	233.38	10.362		
12,600.00	7,850.00	12,172.49	7,850.00	121.16	118.41	89.99	45.07	3,722.21	2,418.90	2,180.34	238.56	10.140		
12,700.00	7,850.00	12,272.49	7,850.00	123.73	121.02	89.99	43.88	3,822.20	2,419.48	2,175.73	243.75	9.926		
12,800.00	7,850.00	12,372.49	7,850.00	126.30	123.63	89.99	42.68	3,922.19	2,420.05	2,171.11	248.95	9.721		
12,900.00	7,850.00	12,472.49	7,850.00	128.88	126.24	89.99	41.49	4,022.18	2,420.63	2,166.48	254.15	9.524		
13,000.00	7,850.00	12,572.48	7,850.00	131.46	128.86	89.99	40.29	4,122.17	2,421.20	2,161.84	259.36	9.335		
13,100.00	7,850.00	12,672.48	7,850.00	134.05	131.48	89.99	39.10	4,222.16	2,421.78	2,157.19	264.59	9.153		
13,200.00	7,850.00	12,772.48	7,850.00	136.64	134.10	89.99	37.91	4,322.15	2,422.35	2,152.54	269.81	8.978		
13,300.00	7,850.00	12,872.48	7,850.00	139.24	136.73	89.99	36.71	4,422.14	2,422.93	2,147.88	275.05	8.809		
13,400.00	7,850.00	12,972.48	7,850.00	141.84	139.36	89.99	35.52	4,522.14	2,423.50	2,143.22	280.28	8.647		
13,500.00	7,850.00	13,072.48	7,850.00	144.44	141.99	89.99	34.32	4,622.13	2,424.08	2,138.55	285.53	8.490		
13,600.00	7,850.00	13,172.47	7,850.00	147.05	144.62	89.99	33.13	4,722.12	2,424.65	2,133.88	290.78	8.338		
13,700.00	7,850.00	13,272.47	7,850.00	149.66	147.26	89.99	31.94	4,822.11	2,425.23	2,129.20	296.03	8.192		
13,800.00	7,850.00	13,372.47	7,850.00	152.27	149.90	89.99	30.74	4,922.10	2,425.81	2,124.51	301.29	8.051		
13,900.00	7,850.00	13,472.47	7,850.00	154.88	152.54	89.99	29.55	5,022.09	2,426.38	2,119.82	306.56	7.915		
14,000.00	7,850.00	13,572.47	7,850.00	157.50	155.18	89.99	28.35	5,122.08	2,426.96	2,115.13	311.83	7.783		
14,100.00	7,850.00	13,672.47	7,850.00	160.12	157.83	89.99	27.16	5,222.07	2,427.53	2,110.43	317.10	7.655		
14,200.00	7,850.00	13,772.46	7,850.00	162.74	160.47	89.99	25.97	5,322.07	2,428.11	2,105.73	322.38	7.532		
14,300.00	7,850.00	13,872.46	7,850.00	165.36	163.12	89.99	24.77	5,422.06	2,428.68	2,101.02	327.66	7.412		
14,400.00	7,850.00	13,972.46	7,850.00	167.99	165.77	89.99	23.58	5,522.05	2,429.26	2,096.31	332.94	7.296		
14,500.00	7,850.00	14,072.46	7,850.00	170.62	168.42	89.99	22.38	5,622.04	2,429.83	2,091.60	338.23	7.184		
14,600.00	7,850.00	14,172.46	7,850.00	173.25	171.07	89.99	21.19	5,722.03	2,430.41	2,086.89	343.52	7.075		
14,700.00	7,850.00	14,272.46	7,850.00	175.88	173.73	89.99	20.00	5,822.02	2,430.98	2,082.17	348.82	6.969		
14,800.00	7,850.00	14,372.45	7,850.00	178.52	176.38	89.99	18.80	5,922.01	2,431.56	2,077.45	354.11	6.867		
14,900.00	7,850.00	14,472.45	7,850.00	181.15	179.04	89.99	17.61	6,022.00	2,432.13	2,072.72	359.41	6.767		
15,000.00	7,850.00	14,572.45	7,850.00	183.79	181.69	89.99	16.41	6,122.00	2,432.71	2,068.00	364.71	6.670		
15,100.00	7,850.00	14,672.45	7,850.00	186.43	184.35	89.99	15.22	6,221.99	2,433.29	2,063.27	370.02	6.576		
15,200.00	7,850.00	14,772.45	7,850.00	189.07	187.01	89.99	14.03	6,321.98	2,433.86	2,058.53	375.33	6.485		
15,300.00	7,850.00	14,872.45	7,850.00	191.71	189.67	89.99	12.83	6,421.97	2,434.44	2,053.80	380.64	6.396		
15,400.00	7,850.00	14,972.44	7,850.00	194.36	192.33	89.99	11.64	6,521.96	2,435.01	2,049.06	385.95	6.309		
15,500.00	7,850.00	15,072.44	7,850.00	197.00	195.00	89.99	10.45	6,621.95	2,435.59	2,044.32	391.26	6.225		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	15,172.44	7,850.00	199.65	197.66	89.99	9.25	6,721.94	2,436.16	2,039.58	396.58	6.143		
15,700.00	7,850.00	15,272.44	7,850.00	202.30	200.32	89.99	8.06	6,821.93	2,436.74	2,034.84	401.90	6.063		
15,800.00	7,850.00	15,372.44	7,850.00	204.94	202.99	89.99	6.86	6,921.92	2,437.31	2,030.10	407.22	5.985		
15,900.00	7,850.00	15,472.44	7,850.00	207.59	205.65	89.99	5.67	7,021.92	2,437.89	2,025.35	412.54	5.909		
16,000.00	7,850.00	15,572.43	7,850.00	210.25	208.32	89.99	4.48	7,121.91	2,438.46	2,020.60	417.86	5.836		
16,100.00	7,850.00	15,672.43	7,850.00	212.90	210.99	89.99	3.28	7,221.90	2,439.04	2,015.85	423.19	5.763		
16,200.00	7,850.00	15,772.43	7,850.00	215.55	213.66	89.99	2.09	7,321.89	2,439.61	2,011.10	428.51	5.693		
16,300.00	7,850.00	15,846.56	7,850.00	218.20	215.63	89.99	1.04	7,396.01	2,440.49	2,007.55	432.94	5.637		
16,400.00	7,850.00	15,900.00	7,850.00	220.86	217.06	89.99	-0.66	7,449.42	2,443.07	2,006.54	436.52	5.597		
16,500.00	7,850.00	15,954.43	7,850.00	223.52	218.52	89.99	-3.42	7,503.78	2,447.52	2,007.53	439.99	5.563		
16,600.00	7,850.00	16,020.22	7,850.00	226.17	220.27	89.99	-8.01	7,569.41	2,453.80	2,009.96	443.83	5.529		
16,700.00	7,850.00	16,119.99	7,850.00	228.83	222.94	89.99	-15.40	7,668.91	2,460.58	2,011.42	449.16	5.478		
16,800.00	7,850.00	16,219.76	7,850.00	231.49	225.61	89.99	-22.78	7,768.41	2,467.36	2,012.87	454.49	5.429		
16,900.00	7,850.00	16,319.53	7,850.00	234.15	228.27	89.99	-30.16	7,867.90	2,474.15	2,014.33	459.82	5.381		
17,000.00	7,850.00	16,419.30	7,850.00	236.81	230.94	89.99	-37.55	7,967.40	2,480.93	2,015.78	465.15	5.334		
17,100.00	7,850.00	16,519.07	7,850.00	239.47	233.61	89.99	-44.93	8,066.89	2,487.71	2,017.23	470.48	5.288		
17,200.00	7,850.00	16,618.84	7,850.00	242.13	236.28	89.99	-52.31	8,166.39	2,494.50	2,018.68	475.82	5.243		
17,300.00	7,850.00	16,718.61	7,850.00	244.79	238.95	89.99	-59.70	8,265.89	2,501.28	2,020.13	481.15	5.199		
17,400.00	7,850.00	16,818.38	7,850.00	247.46	241.62	89.99	-67.08	8,365.38	2,508.06	2,021.58	486.49	5.155		
17,500.00	7,850.00	16,918.15	7,850.00	250.12	244.29	89.99	-74.47	8,464.88	2,514.85	2,023.02	491.83	5.113		
17,600.00	7,850.00	17,017.92	7,850.00	252.79	246.97	89.99	-81.85	8,564.37	2,521.63	2,024.47	497.16	5.072		
17,700.00	7,850.00	17,117.69	7,850.00	255.45	249.64	89.99	-89.23	8,663.87	2,528.42	2,025.91	502.50	5.032		
17,800.00	7,850.00	17,217.46	7,850.00	258.12	252.31	89.99	-96.62	8,763.37	2,535.20	2,027.36	507.84	4.992		
17,900.00	7,850.00	17,317.23	7,850.00	260.78	254.99	89.99	-104.00	8,862.86	2,541.98	2,028.80	513.18	4.953		
18,000.00	7,850.00	17,417.00	7,850.00	263.45	257.66	89.99	-111.38	8,962.36	2,548.77	2,030.24	518.53	4.915		
18,100.00	7,850.00	17,516.77	7,850.00	266.12	260.34	89.99	-118.77	9,061.85	2,555.55	2,031.68	523.87	4.878		
18,200.00	7,850.00	17,616.54	7,850.00	268.79	263.01	89.99	-126.15	9,161.35	2,562.33	2,033.12	529.21	4.842		
18,300.00	7,850.00	17,716.31	7,850.00	271.45	265.69	89.99	-133.53	9,260.85	2,569.12	2,034.56	534.56	4.806		
18,400.00	7,850.00	17,816.08	7,850.00	274.12	268.36	89.99	-140.92	9,360.34	2,575.90	2,036.00	539.90	4.771		
18,500.00	7,850.00	17,915.85	7,850.00	276.79	271.04	89.99	-148.30	9,459.84	2,582.68	2,037.43	545.25	4.737		
18,600.00	7,850.00	18,015.61	7,850.00	279.46	273.72	89.99	-155.68	9,559.33	2,589.47	2,038.87	550.60	4.703		
18,700.00	7,850.00	18,115.38	7,850.00	282.13	276.39	89.99	-163.07	9,658.83	2,596.25	2,040.30	555.95	4.670		
18,800.00	7,850.00	18,215.15	7,850.00	284.80	279.07	89.99	-170.45	9,758.33	2,603.03	2,041.74	561.30	4.638		
18,900.00	7,850.00	18,314.92	7,850.00	287.48	281.75	89.99	-177.84	9,857.82	2,609.82	2,043.17	566.65	4.606		
19,000.00	7,850.00	18,414.69	7,850.00	290.15	284.43	89.99	-185.22	9,957.32	2,616.60	2,044.61	572.00	4.575		
19,100.00	7,850.00	18,514.46	7,850.00	292.82	287.11	89.99	-192.60	10,056.81	2,623.39	2,046.04	577.35	4.544		
19,200.00	7,850.00	18,614.23	7,850.00	295.49	289.79	89.99	-199.99	10,156.31	2,630.17	2,047.47	582.70	4.514		
19,300.00	7,850.00	18,714.00	7,850.00	298.16	292.47	89.99	-207.37	10,255.81	2,636.95	2,048.90	588.05	4.484		
19,400.00	7,850.00	18,813.77	7,850.00	300.84	295.15	89.99	-214.75	10,355.30	2,643.74	2,050.33	593.40	4.455		
19,500.00	7,850.00	18,913.54	7,850.00	303.51	297.83	89.99	-222.14	10,454.80	2,650.52	2,051.76	598.76	4.427		
19,600.00	7,850.00	19,013.31	7,850.00	306.19	300.51	89.99	-229.52	10,554.29	2,657.30	2,053.19	604.11	4.399		
19,700.00	7,850.00	19,113.08	7,850.00	308.86	303.19	89.99	-236.90	10,653.79	2,664.09	2,054.62	609.47	4.371		
19,800.00	7,850.00	19,212.85	7,850.00	311.54	305.87	89.99	-244.29	10,753.29	2,670.87	2,056.05	614.82	4.344		
19,900.00	7,850.00	19,312.62	7,850.00	314.21	308.55	89.99	-251.67	10,852.78	2,677.65	2,057.48	620.18	4.318		
20,000.00	7,850.00	19,412.39	7,850.00	316.89	311.24	89.99	-259.06	10,952.28	2,684.44	2,058.90	625.53	4.291		
20,100.00	7,850.00	19,512.16	7,850.00	319.56	313.92	89.99	-266.44	11,051.78	2,691.22	2,060.33	630.89	4.266		
20,200.00	7,850.00	19,611.93	7,850.00	322.24	316.60	89.99	-273.82	11,151.27	2,698.01	2,061.76	636.25	4.240		
20,300.00	7,850.00	19,711.70	7,850.00	324.91	319.28	89.99	-281.21	11,250.77	2,704.79	2,063.18	641.61	4.216		
20,400.00	7,850.00	19,811.47	7,850.00	327.59	321.97	89.99	-288.59	11,350.26	2,711.57	2,064.61	646.97	4.191		
20,500.00	7,850.00	19,911.24	7,850.00	330.27	324.65	89.99	-295.97	11,449.76	2,718.36	2,066.03	652.32	4.167		
20,600.00	7,850.00	20,011.01	7,850.00	332.95	327.33	89.99	-303.36	11,549.26	2,725.14	2,067.46	657.68	4.144		
20,700.00	7,850.00	20,110.78	7,850.00	335.62	330.02	89.99	-310.74	11,648.75	2,731.92	2,068.88	663.04	4.120		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
20,800.00	7,850.00	20,210.55	7,850.00	338.30	332.70	89.99	-318.12	11,748.25	2,738.71	2,070.30	668.40	4.097	
20,900.00	7,850.00	20,310.32	7,850.00	340.98	335.38	89.99	-325.51	11,847.74	2,745.49	2,071.73	673.77	4.075	
21,000.00	7,850.00	20,410.09	7,850.00	343.66	338.07	89.99	-332.89	11,947.24	2,752.27	2,073.15	679.13	4.053	
21,100.00	7,850.00	20,509.86	7,850.00	346.34	340.75	89.99	-340.27	12,046.74	2,759.06	2,074.57	684.49	4.031	
21,200.00	7,850.00	20,609.63	7,850.00	349.01	343.44	89.99	-347.66	12,146.23	2,765.84	2,075.99	689.85	4.009	
21,300.00	7,850.00	20,709.40	7,850.00	351.69	346.12	89.99	-355.04	12,245.73	2,772.62	2,077.41	695.21	3.988	
21,400.00	7,850.00	20,809.16	7,850.00	354.37	348.81	89.99	-362.43	12,345.22	2,779.41	2,078.83	700.58	3.967	
21,500.00	7,850.00	20,908.93	7,850.00	357.05	351.49	89.99	-369.81	12,444.72	2,786.19	2,080.25	705.94	3.947	
21,600.00	7,850.00	21,008.70	7,850.00	359.73	354.18	89.99	-377.19	12,544.22	2,792.98	2,081.67	711.30	3.927	
21,700.00	7,850.00	21,108.47	7,850.00	362.41	356.87	89.99	-384.58	12,643.71	2,799.76	2,083.09	716.67	3.907	
21,800.00	7,850.00	21,208.24	7,850.00	365.09	359.55	89.99	-391.96	12,743.21	2,806.54	2,084.51	722.03	3.887	
21,900.00	7,850.00	21,308.01	7,850.00	367.77	362.24	89.99	-399.34	12,842.70	2,813.33	2,085.93	727.39	3.868	
22,000.00	7,850.00	21,407.78	7,850.00	370.45	364.93	89.99	-406.73	12,942.20	2,820.11	2,087.35	732.76	3.849	
22,100.00	7,850.00	21,507.55	7,850.00	373.14	367.61	89.99	-414.11	13,041.70	2,826.89	2,088.77	738.12	3.830	
22,200.00	7,850.00	21,607.32	7,850.00	375.82	370.30	89.99	-421.49	13,141.19	2,833.68	2,090.19	743.49	3.811	
22,300.00	7,850.00	21,707.09	7,850.00	378.50	372.99	89.99	-428.88	13,240.69	2,840.46	2,091.60	748.86	3.793	
22,400.00	7,850.00	21,806.86	7,850.00	381.18	375.67	89.99	-436.26	13,340.18	2,847.24	2,093.02	754.22	3.775	
22,500.00	7,850.00	21,906.63	7,850.00	383.86	378.36	89.99	-443.65	13,439.68	2,854.03	2,094.44	759.59	3.757	
22,600.00	7,850.00	22,006.40	7,850.00	386.54	381.05	89.99	-451.03	13,539.18	2,860.81	2,095.86	764.96	3.740	
22,700.00	7,850.00	22,106.17	7,850.00	389.22	383.74	89.99	-458.41	13,638.67	2,867.60	2,097.27	770.32	3.723	
22,800.00	7,850.00	22,205.94	7,850.00	391.91	386.42	89.99	-465.80	13,738.17	2,874.38	2,098.69	775.69	3.706	
22,900.00	7,850.00	22,305.71	7,850.00	394.59	389.11	89.99	-473.18	13,837.66	2,881.16	2,100.10	781.06	3.689	
23,000.00	7,850.00	22,405.48	7,850.00	397.27	391.80	89.99	-480.56	13,937.16	2,887.95	2,101.52	786.43	3.672	
23,100.00	7,850.00	22,505.25	7,850.00	399.95	394.49	89.99	-487.95	14,036.66	2,894.73	2,102.94	791.79	3.656	
23,200.00	7,850.00	22,605.02	7,850.00	402.64	397.18	89.99	-495.33	14,136.15	2,901.51	2,104.35	797.16	3.640	
23,300.00	7,850.00	22,704.79	7,850.00	405.32	399.86	89.99	-502.71	14,235.65	2,908.30	2,105.77	802.53	3.624	
23,400.00	7,850.00	22,804.56	7,850.00	408.00	402.55	89.99	-510.10	14,335.14	2,915.08	2,107.18	807.90	3.608	
23,500.00	7,850.00	22,904.33	7,850.00	410.69	405.24	89.99	-517.48	14,434.64	2,921.86	2,108.60	813.27	3.593	
23,600.00	7,850.00	23,004.10	7,850.00	413.37	407.93	89.99	-524.86	14,534.14	2,928.65	2,110.01	818.64	3.577	
23,700.00	7,850.00	23,103.87	7,850.00	416.05	410.62	89.99	-532.25	14,633.63	2,935.43	2,111.42	824.01	3.562	
23,800.00	7,850.00	23,203.64	7,850.00	418.74	413.31	89.99	-539.63	14,733.13	2,942.22	2,112.84	829.38	3.547	
23,900.00	7,850.00	23,303.41	7,850.00	421.42	416.00	89.99	-547.02	14,832.63	2,949.00	2,114.25	834.75	3.533	
24,000.00	7,850.00	23,403.18	7,850.00	424.11	418.69	89.99	-554.40	14,932.12	2,955.78	2,115.66	840.12	3.518	
24,092.24	7,850.00	23,504.80	7,850.00	426.58	421.43	89.99	-561.21	15,023.89	2,962.04	2,116.71	845.33	3.504 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.50	0.50	0.00	0.00	-179.84	-100.17	-0.28	100.17					
100.00	100.00	100.50	100.50	0.13	0.14	-179.84	-100.17	-0.28	100.17	99.90	0.27	370.130		
200.00	200.00	200.50	200.50	0.49	0.49	-179.84	-100.17	-0.28	100.17	99.19	0.99	101.433 CC, ES		
300.00	299.98	300.48	300.48	0.85	0.85	-161.15	-100.17	-0.28	101.82	100.12	1.71	59.693		
400.00	399.84	400.34	400.34	1.22	1.21	-162.02	-100.17	-0.28	106.79	104.36	2.43	43.960		
500.00	499.45	500.05	499.95	1.59	1.57	-163.31	-100.17	-0.28	115.11	111.96	3.15	36.489		
600.00	598.70	600.80	599.20	1.97	1.93	-164.83	-100.17	-0.28	126.84	122.95	3.89	32.633		
700.00	697.47	697.97	697.97	2.38	2.28	-166.41	-100.17	-0.28	142.01	137.40	4.61	30.811		
800.00	795.62	794.19	794.17	2.82	2.61	-167.37	-100.91	-1.64	161.20	155.88	5.32	30.294		
900.00	893.06	889.22	889.08	3.29	2.94	-167.37	-103.13	-5.78	184.95	178.92	6.03	30.686		
1,000.00	989.64	982.73	982.27	3.80	3.26	-166.72	-106.78	-12.56	213.16	206.42	6.74	31.629		
1,100.00	1,085.27	1,074.39	1,073.33	4.35	3.59	-165.68	-111.74	-21.80	245.79	238.33	7.46	32.947		
1,200.00	1,179.82	1,166.01	1,164.04	4.95	3.94	-164.50	-117.83	-33.13	282.60	274.40	8.20	34.464		
1,300.00	1,273.63	1,258.08	1,255.16	5.58	4.30	-163.79	-124.06	-44.71	321.51	312.55	8.95	35.908		
1,400.00	1,367.44	1,350.13	1,346.27	6.22	4.66	-163.25	-130.28	-56.29	360.47	350.76	9.71	37.122		
1,500.00	1,461.25	1,442.18	1,437.37	6.87	5.03	-162.82	-136.51	-67.87	399.46	388.98	10.48	38.120		
1,600.00	1,555.06	1,534.22	1,528.48	7.52	5.41	-162.47	-142.74	-79.45	438.46	427.21	11.26	38.956		
1,700.00	1,648.86	1,626.27	1,619.58	8.18	5.78	-162.17	-148.96	-91.03	477.48	465.44	12.04	39.662		
1,800.00	1,742.67	1,718.32	1,710.69	8.84	6.16	-161.92	-155.19	-102.61	516.50	503.67	12.83	40.266		
1,900.00	1,836.48	1,810.37	1,801.79	9.51	6.55	-161.71	-161.41	-114.19	555.53	541.91	13.62	40.786		
2,000.00	1,930.29	1,902.42	1,892.90	10.18	6.93	-161.52	-167.64	-125.77	594.57	580.15	14.42	41.238		
2,100.00	2,024.10	2,005.53	1,984.01	10.85	7.37	-161.36	-173.86	-137.35	633.61	618.34	15.26	41.511		
2,200.00	2,117.90	2,086.52	2,075.11	11.52	7.71	-161.21	-180.09	-148.93	672.65	656.63	16.02	41.984		
2,300.00	2,211.71	2,178.57	2,166.22	12.19	8.10	-161.08	-186.32	-160.51	711.70	694.87	16.83	42.294		
2,400.00	2,305.52	2,270.62	2,257.32	12.87	8.49	-160.96	-192.54	-172.09	750.75	733.12	17.64	42.571		
2,500.00	2,399.33	2,362.67	2,348.43	13.54	8.88	-160.86	-198.77	-183.67	789.81	771.36	18.44	42.820		
2,600.00	2,493.13	2,454.72	2,439.54	14.22	9.27	-160.77	-204.99	-195.25	828.86	809.60	19.26	43.044		
2,700.00	2,586.94	2,546.77	2,530.64	14.89	9.66	-160.68	-211.22	-206.83	867.92	847.85	20.07	43.248		
2,800.00	2,680.75	2,638.82	2,621.75	15.57	10.06	-160.60	-217.44	-218.41	906.98	886.09	20.88	43.433		
2,900.00	2,774.56	2,730.87	2,712.85	16.25	10.45	-160.53	-223.67	-229.99	946.04	924.34	21.70	43.601		
3,000.00	2,868.36	2,822.92	2,803.96	16.93	10.85	-160.46	-229.90	-241.57	985.10	962.58	22.51	43.756		
3,100.00	2,962.17	2,914.97	2,895.07	17.61	11.24	-160.40	-236.12	-253.15	1,024.16	1,000.83	23.33	43.898		
3,200.00	3,055.98	3,007.02	2,986.17	18.28	11.64	-160.34	-242.35	-264.73	1,063.22	1,039.07	24.15	44.030		
3,300.00	3,149.79	3,100.93	3,077.28	18.96	12.04	-160.29	-248.57	-276.31	1,102.29	1,077.31	24.97	44.137		
3,400.00	3,243.60	3,208.88	3,168.38	19.64	12.50	-160.24	-254.80	-287.89	1,141.35	1,115.49	25.86	44.137		
3,500.00	3,337.40	3,283.17	3,259.49	20.32	12.82	-160.20	-261.02	-299.47	1,180.42	1,153.81	26.61	44.368		
3,600.00	3,431.21	3,375.22	3,350.60	21.00	13.22	-160.15	-267.25	-311.05	1,219.48	1,192.06	27.43	44.465		
3,700.00	3,525.02	3,467.27	3,441.70	21.68	13.62	-160.11	-273.48	-322.64	1,258.55	1,230.30	28.25	44.556		
3,800.00	3,618.83	3,559.32	3,532.81	22.36	14.01	-160.07	-279.70	-334.22	1,297.62	1,268.55	29.07	44.641		
3,900.00	3,712.63	3,651.37	3,623.91	23.04	14.41	-160.04	-285.93	-345.80	1,336.68	1,306.79	29.89	44.720		
4,000.00	3,806.44	3,743.42	3,715.02	23.72	14.81	-160.00	-292.15	-357.38	1,375.75	1,345.04	30.71	44.795		
4,100.00	3,900.25	3,835.47	3,806.13	24.41	15.21	-159.97	-298.38	-368.96	1,414.82	1,383.28	31.54	44.865		
4,200.00	3,994.06	3,927.52	3,897.23	25.09	15.60	-159.94	-304.61	-380.54	1,453.89	1,421.53	32.36	44.931		
4,300.00	4,087.86	4,019.57	3,988.34	25.77	16.00	-159.91	-310.83	-392.12	1,492.96	1,459.78	33.18	44.993		
4,400.00	4,181.67	4,111.62	4,079.44	26.45	16.40	-159.89	-317.06	-403.70	1,532.03	1,498.02	34.01	45.052		
4,500.00	4,275.48	4,203.67	4,170.55	27.13	16.80	-159.86	-323.28	-415.28	1,571.10	1,536.27	34.83	45.107		
4,600.00	4,369.29	4,304.28	4,261.66	27.81	17.23	-159.84	-329.51	-426.86	1,610.17	1,574.48	35.69	45.115		
4,700.00	4,463.10	4,387.77	4,352.76	28.49	17.60	-159.81	-335.73	-438.44	1,649.24	1,612.76	36.48	45.210		
4,800.00	4,556.90	4,479.82	4,443.87	29.17	17.99	-159.79	-341.96	-450.02	1,688.31	1,651.00	37.30	45.257		
4,900.00	4,650.71	4,571.87	4,534.97	29.86	18.39	-159.77	-348.19	-461.60	1,727.38	1,689.25	38.13	45.302		
5,000.00	4,744.52	4,663.92	4,626.08	30.54	18.79	-159.75	-354.41	-473.18	1,766.45	1,727.49	38.96	45.344		
5,100.00	4,838.33	4,755.97	4,717.19	31.22	19.19	-159.73	-360.64	-484.76	1,805.52	1,765.74	39.78	45.385		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	4,848.02	4,808.29	31.90	19.59	-159.71	-366.86	-496.34	1,844.59	1,803.98	40.61	45.424		
5,300.00	5,025.94	4,940.07	4,899.40	32.58	19.99	-159.69	-373.09	-507.92	1,883.66	1,842.22	41.44	45.460		
5,400.00	5,119.75	5,032.12	4,990.50	33.26	20.39	-159.68	-379.31	-519.50	1,922.73	1,880.47	42.26	45.496		
5,500.00	5,213.56	5,124.17	5,081.61	33.95	20.79	-159.66	-385.54	-531.08	1,961.80	1,918.71	43.09	45.529		
5,600.00	5,307.36	5,216.22	5,172.72	34.63	21.19	-159.64	-391.77	-542.66	2,000.87	1,956.96	43.92	45.561		
5,700.00	5,401.17	5,308.27	5,263.82	35.31	21.58	-159.63	-397.99	-554.24	2,039.95	1,995.20	44.74	45.592		
5,800.00	5,494.98	5,400.32	5,354.93	35.99	21.98	-159.61	-404.22	-565.82	2,079.02	2,033.45	45.57	45.621		
5,900.00	5,588.79	5,507.63	5,446.03	36.68	22.45	-159.60	-410.44	-577.40	2,118.09	2,071.63	46.46	45.586		
6,000.00	5,682.59	5,584.42	5,537.14	37.36	22.78	-159.59	-416.67	-588.98	2,157.16	2,109.93	47.23	45.676		
6,100.00	5,776.40	5,676.47	5,628.25	38.04	23.18	-159.57	-422.89	-600.56	2,196.23	2,148.18	48.06	45.701		
6,200.00	5,870.21	5,768.51	5,719.35	38.72	23.58	-159.56	-429.12	-612.14	2,235.31	2,186.42	48.89	45.726		
6,300.00	5,964.02	5,860.56	5,810.46	39.40	23.98	-159.55	-435.35	-623.72	2,274.38	2,224.66	49.71	45.749		
6,400.00	6,057.83	5,952.61	5,901.56	40.09	24.38	-159.54	-441.57	-635.30	2,313.45	2,262.91	50.54	45.772		
6,500.00	6,151.63	6,044.66	5,992.67	40.77	24.78	-159.53	-447.80	-646.88	2,352.52	2,301.15	51.37	45.793		
6,600.00	6,245.44	6,136.71	6,083.78	41.45	25.18	-159.52	-454.02	-658.47	2,391.60	2,339.39	52.20	45.814		
6,700.00	6,339.25	6,228.76	6,174.88	42.13	25.58	-159.50	-460.25	-670.05	2,430.67	2,377.64	53.03	45.834		
6,800.00	6,433.06	6,320.81	6,265.99	42.82	25.98	-159.49	-466.48	-681.63	2,469.74	2,415.88	53.86	45.853		
6,900.00	6,526.86	6,412.86	6,357.09	43.50	26.38	-159.48	-472.70	-693.21	2,508.81	2,454.12	54.69	45.872		
7,000.00	6,620.67	6,504.91	6,448.20	44.18	26.78	-159.47	-478.93	-704.79	2,547.89	2,492.36	55.52	45.889		
7,100.00	6,714.48	6,603.04	6,539.31	44.86	27.21	-159.47	-485.15	-716.37	2,586.96	2,530.58	56.38	45.886		
7,200.00	6,808.29	6,689.01	6,630.41	45.55	27.58	-159.46	-491.38	-727.95	2,626.03	2,568.85	57.18	45.923		
7,300.00	6,902.09	6,781.06	6,721.52	46.23	27.98	-159.45	-497.60	-739.53	2,665.10	2,607.09	58.01	45.939		
7,400.00	6,995.90	6,873.11	6,812.62	46.91	28.38	-159.44	-503.83	-751.11	2,704.18	2,645.33	58.85	45.954		
7,500.00	7,089.71	6,965.16	6,903.73	47.59	28.78	-159.43	-510.06	-762.69	2,743.25	2,683.57	59.68	45.968		
7,600.00	7,183.52	7,057.21	6,994.84	48.28	29.18	-159.42	-516.28	-774.27	2,782.32	2,721.82	60.51	45.982		
7,700.00	7,277.41	7,149.23	7,085.91	48.95	29.58	-169.52	-522.50	-785.84	2,821.43	2,760.09	61.34	45.999		
7,800.00	7,371.68	7,238.38	7,174.28	49.54	29.95	158.59	-528.56	-795.84	2,860.64	2,798.55	62.08	46.078		
7,900.00	7,464.05	7,326.44	7,262.01	50.01	30.22	133.77	-534.70	-794.41	2,899.20	2,836.55	62.64	46.280		
8,000.00	7,551.70	7,417.73	7,351.62	50.36	30.41	117.58	-541.15	-778.74	2,936.02	2,872.95	63.07	46.553		
8,100.00	7,631.98	7,513.48	7,441.67	50.61	30.54	106.96	-547.82	-747.22	2,970.04	2,906.65	63.39	46.850		
8,200.00	7,702.44	7,614.93	7,529.94	50.75	30.61	99.74	-554.58	-697.93	3,000.25	2,936.58	63.67	47.124		
8,300.00	7,760.95	7,723.19	7,612.98	50.81	30.64	94.78	-561.20	-629.04	3,025.71	2,961.75	63.96	47.308		
8,400.00	7,805.72	7,838.97	7,685.78	50.80	30.69	91.47	-567.36	-539.49	3,045.60	2,981.22	64.38	47.307		
8,500.00	7,835.40	7,962.16	7,741.86	50.72	30.82	89.51	-572.59	-430.19	3,059.22	2,994.14	65.07	47.012		
8,600.00	7,849.08	8,091.54	7,774.28	50.60	31.18	88.69	-576.35	-305.28	3,066.02	2,999.86	66.15	46.346		
8,700.00	7,850.00	8,211.52	7,780.00	50.45	31.80	88.68	-578.19	-185.58	3,067.14	2,999.56	67.58	45.385		
8,800.00	7,850.00	8,311.52	7,780.00	50.32	32.57	88.68	-579.39	-85.59	3,067.72	2,998.44	69.28	44.277		
8,900.00	7,850.00	8,411.52	7,780.00	50.22	33.59	88.68	-580.58	14.40	3,068.30	2,996.94	71.36	42.999		
9,000.00	7,850.00	8,511.51	7,780.00	50.15	34.81	88.68	-581.78	114.39	3,068.88	2,995.11	73.77	41.602		
9,100.00	7,850.00	8,611.51	7,780.00	50.11	36.20	88.68	-582.98	214.38	3,069.46	2,992.98	76.48	40.133		
9,200.00	7,850.00	8,711.51	7,780.00	50.12	37.75	88.68	-584.18	314.37	3,070.04	2,990.57	79.47	38.631		
9,300.00	7,850.00	8,811.51	7,780.00	50.20	39.42	88.68	-585.38	414.36	3,070.62	2,987.92	82.70	37.129		
9,400.00	7,850.00	8,911.51	7,780.00	50.42	41.20	88.68	-586.57	514.35	3,071.20	2,985.05	86.15	35.649		
9,500.00	7,850.00	9,011.51	7,780.00	50.87	43.08	88.68	-587.77	614.35	3,071.78	2,981.99	89.79	34.211		
9,600.00	7,850.00	9,111.50	7,780.00	51.72	45.05	88.69	-588.97	714.34	3,072.36	2,978.76	93.60	32.825		
9,700.00	7,850.00	9,211.50	7,780.00	53.02	47.09	88.69	-590.17	814.33	3,072.94	2,975.38	97.55	31.500		
9,800.00	7,850.00	9,311.50	7,780.00	54.65	49.19	88.69	-591.37	914.32	3,073.52	2,971.87	101.64	30.238		
9,900.00	7,850.00	9,411.50	7,780.00	56.50	51.34	88.69	-592.57	1,014.31	3,074.10	2,968.25	105.85	29.043		
10,000.00	7,850.00	9,511.50	7,780.00	58.48	53.55	88.69	-593.76	1,114.30	3,074.67	2,964.52	110.16	27.912		
10,100.00	7,850.00	9,611.50	7,780.00	60.55	55.79	88.69	-594.96	1,214.29	3,075.25	2,960.70	114.56	26.845		
10,200.00	7,850.00	9,711.49	7,780.00	62.69	58.08	88.69	-596.16	1,314.28	3,075.83	2,956.80	119.04	25.839		
10,300.00	7,850.00	9,811.49	7,780.00	64.88	60.40	88.69	-597.36	1,414.28	3,076.41	2,952.82	123.59	24.892		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	9,911.49	7,780.00	67.11	62.75	88.69	-598.56	1,514.27	3,076.99	2,948.79	128.21	24.000		
10,500.00	7,850.00	10,011.49	7,780.00	69.38	65.13	88.69	-599.76	1,614.26	3,077.57	2,944.69	132.88	23.160		
10,600.00	7,850.00	10,111.49	7,780.00	71.68	67.53	88.69	-600.95	1,714.25	3,078.15	2,940.54	137.61	22.368		
10,700.00	7,850.00	10,211.49	7,780.00	74.00	69.95	88.69	-602.15	1,814.24	3,078.73	2,936.34	142.39	21.622		
10,800.00	7,850.00	10,311.48	7,780.00	76.36	72.39	88.69	-603.35	1,914.23	3,079.31	2,932.11	147.20	20.919		
10,900.00	7,850.00	10,411.48	7,780.00	78.73	74.85	88.69	-604.55	2,014.22	3,079.89	2,927.83	152.06	20.254		
11,000.00	7,850.00	10,511.48	7,780.00	81.13	77.32	88.69	-605.75	2,114.21	3,080.47	2,923.52	156.95	19.627		
11,100.00	7,850.00	10,611.48	7,780.00	83.54	79.81	88.69	-606.95	2,214.20	3,081.05	2,919.18	161.87	19.034		
11,200.00	7,850.00	10,711.48	7,780.00	85.97	82.31	88.69	-608.14	2,314.20	3,081.63	2,914.81	166.82	18.472		
11,300.00	7,850.00	10,811.48	7,780.00	88.42	84.83	88.69	-609.34	2,414.19	3,082.21	2,910.41	171.80	17.941		
11,400.00	7,850.00	10,911.47	7,780.00	90.88	87.35	88.69	-610.54	2,514.18	3,082.79	2,905.99	176.80	17.436		
11,500.00	7,850.00	11,011.47	7,780.00	93.35	89.88	88.69	-611.74	2,614.17	3,083.37	2,901.54	181.83	16.958		
11,600.00	7,850.00	11,111.47	7,780.00	95.83	92.43	88.69	-612.94	2,714.16	3,083.95	2,897.08	186.87	16.503		
11,700.00	7,850.00	11,211.47	7,780.00	98.33	94.98	88.69	-614.14	2,814.15	3,084.53	2,892.59	191.93	16.071		
11,800.00	7,850.00	11,311.47	7,780.00	100.83	97.54	88.69	-615.33	2,914.14	3,085.11	2,888.09	197.01	15.659		
11,900.00	7,850.00	11,411.47	7,780.00	103.35	100.11	88.69	-616.53	3,014.13	3,085.69	2,883.58	202.11	15.267		
12,000.00	7,850.00	11,511.46	7,780.00	105.87	102.68	88.69	-617.73	3,114.12	3,086.27	2,879.04	207.22	14.894		
12,100.00	7,850.00	11,611.46	7,780.00	108.40	105.26	88.69	-618.93	3,214.12	3,086.85	2,874.50	212.35	14.537		
12,200.00	7,850.00	11,711.46	7,780.00	110.94	107.84	88.69	-620.13	3,314.11	3,087.43	2,869.94	217.48	14.196		
12,300.00	7,850.00	11,811.46	7,780.00	113.48	110.43	88.69	-621.33	3,414.10	3,088.01	2,865.37	222.63	13.870		
12,400.00	7,850.00	11,911.46	7,780.00	116.04	113.03	88.69	-622.52	3,514.09	3,088.58	2,860.79	227.79	13.559		
12,500.00	7,850.00	12,011.46	7,780.00	118.59	115.63	88.69	-623.72	3,614.08	3,089.16	2,856.20	232.96	13.260		
12,600.00	7,850.00	12,111.45	7,780.00	121.16	118.23	88.69	-624.92	3,714.07	3,089.74	2,851.60	238.15	12.974		
12,700.00	7,850.00	12,211.45	7,780.00	123.73	120.84	88.69	-626.12	3,814.06	3,090.32	2,846.99	243.34	12.700		
12,800.00	7,850.00	12,311.45	7,780.00	126.30	123.45	88.69	-627.32	3,914.05	3,090.90	2,842.37	248.53	12.437		
12,900.00	7,850.00	12,411.45	7,780.00	128.88	126.07	88.69	-628.51	4,014.04	3,091.48	2,837.74	253.74	12.184		
13,000.00	7,850.00	12,511.45	7,780.00	131.46	128.69	88.69	-629.71	4,114.04	3,092.06	2,833.11	258.95	11.941		
13,100.00	7,850.00	12,611.45	7,780.00	134.05	131.31	88.69	-630.91	4,214.03	3,092.64	2,828.47	264.17	11.707		
13,200.00	7,850.00	12,711.44	7,780.00	136.64	133.93	88.69	-632.11	4,314.02	3,093.22	2,823.82	269.40	11.482		
13,300.00	7,850.00	12,811.44	7,780.00	139.24	136.56	88.69	-633.31	4,414.01	3,093.80	2,819.17	274.64	11.265		
13,400.00	7,850.00	12,911.44	7,780.00	141.84	139.19	88.69	-634.51	4,514.00	3,094.38	2,814.51	279.88	11.056		
13,500.00	7,850.00	13,011.44	7,780.00	144.44	141.82	88.69	-635.70	4,613.99	3,094.96	2,809.84	285.12	10.855		
13,600.00	7,850.00	13,111.44	7,780.00	147.05	144.46	88.69	-636.90	4,713.98	3,095.54	2,805.17	290.37	10.661		
13,700.00	7,850.00	13,211.44	7,780.00	149.66	147.10	88.70	-638.10	4,813.97	3,096.12	2,800.49	295.63	10.473		
13,800.00	7,850.00	13,311.43	7,780.00	152.27	149.74	88.70	-639.30	4,913.97	3,096.70	2,795.81	300.89	10.292		
13,900.00	7,850.00	13,411.43	7,780.00	154.88	152.38	88.70	-640.50	5,013.96	3,097.28	2,791.13	306.15	10.117		
14,000.00	7,850.00	13,511.43	7,780.00	157.50	155.02	88.70	-641.70	5,113.95	3,097.86	2,786.44	311.42	9.947		
14,100.00	7,850.00	13,611.43	7,780.00	160.12	157.67	88.70	-642.89	5,213.94	3,098.44	2,781.74	316.69	9.784		
14,200.00	7,850.00	13,711.43	7,780.00	162.74	160.31	88.70	-644.09	5,313.93	3,099.02	2,777.05	321.97	9.625		
14,300.00	7,850.00	13,811.43	7,780.00	165.36	162.96	88.70	-645.29	5,413.92	3,099.60	2,772.35	327.25	9.472		
14,400.00	7,850.00	13,911.42	7,780.00	167.99	165.61	88.70	-646.49	5,513.91	3,100.18	2,767.64	332.54	9.323		
14,500.00	7,850.00	14,011.42	7,780.00	170.62	168.26	88.70	-647.69	5,613.90	3,100.76	2,762.93	337.82	9.179		
14,600.00	7,850.00	14,111.42	7,780.00	173.25	170.91	88.70	-648.89	5,713.89	3,101.34	2,758.22	343.11	9.039		
14,700.00	7,850.00	14,211.42	7,780.00	175.88	173.57	88.70	-650.08	5,813.89	3,101.91	2,753.51	348.41	8.903		
14,800.00	7,850.00	14,311.42	7,780.00	178.52	176.22	88.70	-651.28	5,913.88	3,102.49	2,748.79	353.70	8.771		
14,900.00	7,850.00	14,411.42	7,780.00	181.15	178.88	88.70	-652.48	6,013.87	3,103.07	2,744.07	359.00	8.644		
15,000.00	7,850.00	14,511.41	7,780.00	183.79	181.54	88.70	-653.68	6,113.86	3,103.65	2,739.35	364.31	8.519		
15,100.00	7,850.00	14,611.41	7,780.00	186.43	184.20	88.70	-654.88	6,213.85	3,104.23	2,734.62	369.61	8.399		
15,200.00	7,850.00	14,711.41	7,780.00	189.07	186.86	88.70	-656.08	6,313.84	3,104.81	2,729.90	374.92	8.281		
15,300.00	7,850.00	14,811.41	7,780.00	191.71	189.52	88.70	-657.27	6,413.83	3,105.39	2,725.17	380.23	8.167		
15,400.00	7,850.00	14,911.41	7,780.00	194.36	192.18	88.70	-658.47	6,513.82	3,105.97	2,720.43	385.54	8.056		
15,500.00	7,850.00	15,011.41	7,780.00	197.00	194.84	88.70	-659.67	6,613.81	3,106.55	2,715.70	390.85	7.948		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,850.00	15,111.40	7,780.00	199.65	197.51	88.70	-660.87	6,713.81	3,107.13	2,710.96	396.17	7.843		
15,700.00	7,850.00	15,211.40	7,780.00	202.30	200.17	88.70	-662.07	6,813.80	3,107.71	2,706.23	401.49	7.741		
15,800.00	7,850.00	15,311.40	7,780.00	204.94	202.84	88.70	-663.26	6,913.79	3,108.29	2,701.49	406.80	7.641		
15,900.00	7,850.00	15,411.40	7,780.00	207.59	205.50	88.70	-664.46	7,013.78	3,108.87	2,696.74	412.13	7.543		
16,000.00	7,850.00	15,511.40	7,780.00	210.25	208.17	88.70	-665.66	7,113.77	3,109.45	2,692.00	417.45	7.449		
16,100.00	7,850.00	15,611.40	7,780.00	212.90	210.84	88.70	-666.86	7,213.76	3,110.03	2,687.25	422.77	7.356		
16,200.00	7,850.00	15,711.39	7,780.00	215.55	213.50	88.70	-668.06	7,313.75	3,110.61	2,682.51	428.10	7.266		
16,300.00	7,850.00	15,776.10	7,780.00	218.20	215.23	88.70	-669.02	7,378.45	3,111.57	2,679.27	432.31	7.198		
16,400.00	7,850.00	15,824.02	7,780.00	220.86	216.51	88.70	-670.54	7,426.35	3,114.12	2,678.24	435.88	7.144		
16,500.00	7,850.00	15,871.88	7,780.00	223.52	217.79	88.70	-672.85	7,474.15	3,118.34	2,679.01	439.34	7.098		
16,600.00	7,850.00	15,919.66	7,780.00	226.17	219.07	88.70	-675.96	7,521.83	3,124.23	2,681.56	442.67	7.058		
16,700.00	7,850.00	15,985.75	7,780.00	228.83	220.84	88.71	-681.35	7,587.70	3,131.67	2,685.04	446.63	7.012		
16,800.00	7,850.00	16,085.45	7,780.00	231.49	223.50	88.71	-689.74	7,687.04	3,139.47	2,687.51	451.96	6.946		
16,900.00	7,850.00	16,185.15	7,780.00	234.15	226.17	88.71	-698.12	7,786.39	3,147.26	2,689.97	457.28	6.882		
17,000.00	7,850.00	16,284.84	7,780.00	236.81	228.84	88.72	-706.51	7,885.73	3,155.05	2,692.44	462.61	6.820		
17,100.00	7,850.00	16,384.54	7,780.00	239.47	231.51	88.72	-714.89	7,985.07	3,162.84	2,694.90	467.94	6.759		
17,200.00	7,850.00	16,484.23	7,780.00	242.13	234.18	88.72	-723.28	8,084.42	3,170.63	2,697.36	473.27	6.699		
17,300.00	7,850.00	16,583.93	7,780.00	244.79	236.85	88.73	-731.66	8,183.76	3,178.42	2,699.82	478.60	6.641		
17,400.00	7,850.00	16,683.63	7,780.00	247.46	239.52	88.73	-740.04	8,283.10	3,186.21	2,702.28	483.93	6.584		
17,500.00	7,850.00	16,783.32	7,780.00	250.12	242.19	88.73	-748.43	8,382.44	3,194.01	2,704.74	489.27	6.528		
17,600.00	7,850.00	16,883.02	7,780.00	252.79	244.86	88.73	-756.81	8,481.79	3,201.80	2,707.20	494.60	6.474		
17,700.00	7,850.00	16,982.71	7,780.00	255.45	247.53	88.74	-765.20	8,581.13	3,209.59	2,709.65	499.93	6.420		
17,800.00	7,850.00	17,082.41	7,780.00	258.12	250.21	88.74	-773.58	8,680.47	3,217.38	2,712.11	505.27	6.368		
17,900.00	7,850.00	17,182.10	7,780.00	260.78	252.88	88.74	-781.97	8,779.81	3,225.17	2,714.56	510.61	6.316		
18,000.00	7,850.00	17,281.80	7,780.00	263.45	255.55	88.75	-790.35	8,879.16	3,232.96	2,717.02	515.95	6.266		
18,100.00	7,850.00	17,381.50	7,780.00	266.12	258.23	88.75	-798.73	8,978.50	3,240.75	2,719.47	521.29	6.217		
18,200.00	7,850.00	17,481.19	7,780.00	268.79	260.90	88.75	-807.12	9,077.84	3,248.55	2,721.92	526.63	6.169		
18,300.00	7,850.00	17,580.89	7,780.00	271.45	263.58	88.76	-815.50	9,177.18	3,256.34	2,724.37	531.97	6.121		
18,400.00	7,850.00	17,680.58	7,780.00	274.12	266.25	88.76	-823.89	9,276.53	3,264.13	2,726.82	537.31	6.075		
18,500.00	7,850.00	17,780.28	7,780.00	276.79	268.93	88.76	-832.27	9,375.87	3,271.92	2,729.27	542.65	6.030		
18,600.00	7,850.00	17,879.98	7,780.00	279.46	271.61	88.76	-840.66	9,475.21	3,279.71	2,731.72	548.00	5.985		
18,700.00	7,850.00	17,979.67	7,780.00	282.13	274.28	88.77	-849.04	9,574.56	3,287.50	2,734.16	553.34	5.941		
18,800.00	7,850.00	18,079.37	7,780.00	284.80	276.96	88.77	-857.43	9,673.90	3,295.30	2,736.61	558.68	5.898		
18,900.00	7,850.00	18,179.06	7,780.00	287.48	279.64	88.77	-865.81	9,773.24	3,303.09	2,739.06	564.03	5.856		
19,000.00	7,850.00	18,278.76	7,780.00	290.15	282.32	88.78	-874.19	9,872.58	3,310.88	2,741.50	569.38	5.815		
19,100.00	7,850.00	18,378.45	7,780.00	292.82	285.00	88.78	-882.58	9,971.93	3,318.67	2,743.95	574.72	5.774		
19,200.00	7,850.00	18,478.15	7,780.00	295.49	287.67	88.78	-890.96	10,071.27	3,326.46	2,746.39	580.07	5.735		
19,300.00	7,850.00	18,577.85	7,780.00	298.16	290.35	88.78	-899.35	10,170.61	3,334.25	2,748.83	585.42	5.695		
19,400.00	7,850.00	18,677.54	7,780.00	300.84	293.03	88.79	-907.73	10,269.95	3,342.05	2,751.28	590.77	5.657		
19,500.00	7,850.00	18,777.24	7,780.00	303.51	295.71	88.79	-916.12	10,369.30	3,349.84	2,753.72	596.12	5.619		
19,600.00	7,850.00	18,876.93	7,780.00	306.19	298.39	88.79	-924.50	10,468.64	3,357.63	2,756.16	601.47	5.582		
19,700.00	7,850.00	18,976.63	7,780.00	308.86	301.07	88.80	-932.89	10,567.98	3,365.42	2,758.60	606.82	5.546		
19,800.00	7,850.00	19,076.33	7,780.00	311.54	303.75	88.80	-941.27	10,667.32	3,373.21	2,761.04	612.17	5.510		
19,900.00	7,850.00	19,176.02	7,780.00	314.21	306.44	88.80	-949.65	10,766.67	3,381.00	2,763.48	617.52	5.475		
20,000.00	7,850.00	19,275.72	7,780.00	316.89	309.12	88.80	-958.04	10,866.01	3,388.80	2,765.92	622.88	5.441		
20,100.00	7,850.00	19,375.41	7,780.00	319.56	311.80	88.81	-966.42	10,965.35	3,396.59	2,768.36	628.23	5.407		
20,200.00	7,850.00	19,475.11	7,780.00	322.24	314.48	88.81	-974.81	11,064.70	3,404.38	2,770.79	633.58	5.373		
20,300.00	7,850.00	19,574.80	7,780.00	324.91	317.16	88.81	-983.19	11,164.04	3,412.17	2,773.23	638.94	5.340		
20,400.00	7,850.00	19,674.50	7,780.00	327.59	319.85	88.82	-991.58	11,263.38	3,419.96	2,775.67	644.29	5.308		
20,500.00	7,850.00	19,774.20	7,780.00	330.27	322.53	88.82	-999.96	11,362.72	3,427.75	2,778.11	649.65	5.276		
20,600.00	7,850.00	19,873.89	7,780.00	332.95	325.21	88.82	-1,008.34	11,462.07	3,435.55	2,780.54	655.00	5.245		
20,700.00	7,850.00	19,973.59	7,780.00	335.62	327.89	88.82	-1,016.73	11,561.41	3,443.34	2,782.98	660.36	5.214		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL 1												Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG												Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,800.00	7,850.00	20,073.28	7,780.00	338.30	330.58	88.83	-1,025.11	11,660.75	3,451.13	2,785.41	665.72	5.184	
20,900.00	7,850.00	20,172.98	7,780.00	340.98	333.26	88.83	-1,033.50	11,760.09	3,458.92	2,787.85	671.07	5.154	
21,000.00	7,850.00	20,272.68	7,780.00	343.66	335.94	88.83	-1,041.88	11,859.44	3,466.71	2,790.28	676.43	5.125	
21,100.00	7,850.00	20,372.37	7,780.00	346.34	338.63	88.83	-1,050.27	11,958.78	3,474.51	2,792.72	681.79	5.096	
21,200.00	7,850.00	20,472.07	7,780.00	349.01	341.31	88.84	-1,058.65	12,058.12	3,482.30	2,795.15	687.15	5.068	
21,300.00	7,850.00	20,571.76	7,780.00	351.69	344.00	88.84	-1,067.04	12,157.46	3,490.09	2,797.58	692.51	5.040	
21,400.00	7,850.00	20,671.46	7,780.00	354.37	346.68	88.84	-1,075.42	12,256.81	3,497.88	2,800.01	697.87	5.012	
21,500.00	7,850.00	20,771.16	7,780.00	357.05	349.37	88.84	-1,083.80	12,356.15	3,505.67	2,802.45	703.23	4.985	
21,600.00	7,850.00	20,870.85	7,780.00	359.73	352.05	88.85	-1,092.19	12,455.49	3,513.46	2,804.88	708.59	4.958	
21,700.00	7,850.00	20,970.55	7,780.00	362.41	354.74	88.85	-1,100.57	12,554.84	3,521.26	2,807.31	713.95	4.932	
21,800.00	7,850.00	21,070.24	7,780.00	365.09	357.42	88.85	-1,108.96	12,654.18	3,529.05	2,809.74	719.31	4.906	
21,900.00	7,850.00	21,169.94	7,780.00	367.77	360.11	88.85	-1,117.34	12,753.52	3,536.84	2,812.17	724.67	4.881	
22,000.00	7,850.00	21,269.63	7,780.00	370.45	362.79	88.86	-1,125.73	12,852.86	3,544.63	2,814.60	730.03	4.855	
22,100.00	7,850.00	21,369.33	7,780.00	373.14	365.48	88.86	-1,134.11	12,952.21	3,552.42	2,817.03	735.39	4.831	
22,200.00	7,850.00	21,469.03	7,780.00	375.82	368.17	88.86	-1,142.50	13,051.55	3,560.22	2,819.46	740.75	4.806	
22,300.00	7,850.00	21,568.72	7,780.00	378.50	370.85	88.86	-1,150.88	13,150.89	3,568.01	2,821.89	746.11	4.782	
22,400.00	7,850.00	21,668.42	7,780.00	381.18	373.54	88.87	-1,159.26	13,250.23	3,575.80	2,824.32	751.48	4.758	
22,500.00	7,850.00	21,768.11	7,780.00	383.86	376.23	88.87	-1,167.65	13,349.58	3,583.59	2,826.75	756.84	4.735	
22,600.00	7,850.00	21,867.81	7,780.00	386.54	378.91	88.87	-1,176.03	13,448.92	3,591.38	2,829.18	762.20	4.712	
22,700.00	7,850.00	21,967.51	7,780.00	389.22	381.60	88.87	-1,184.42	13,548.26	3,599.17	2,831.61	767.57	4.689	
22,800.00	7,850.00	22,067.20	7,780.00	391.91	384.29	88.88	-1,192.80	13,647.60	3,606.97	2,834.04	772.93	4.667	
22,900.00	7,850.00	22,166.90	7,780.00	394.59	386.97	88.88	-1,201.19	13,746.95	3,614.76	2,836.46	778.29	4.644	
23,000.00	7,850.00	22,266.59	7,780.00	397.27	389.66	88.88	-1,209.57	13,846.29	3,622.55	2,838.89	783.66	4.623	
23,100.00	7,850.00	22,366.29	7,780.00	399.95	392.35	88.88	-1,217.95	13,945.63	3,630.34	2,841.32	789.02	4.601	
23,200.00	7,850.00	22,465.98	7,780.00	402.64	395.04	88.89	-1,226.34	14,044.98	3,638.13	2,843.75	794.39	4.580	
23,300.00	7,850.00	22,565.68	7,780.00	405.32	397.72	88.89	-1,234.72	14,144.32	3,645.93	2,846.17	799.75	4.559	
23,400.00	7,850.00	22,665.38	7,780.00	408.00	400.41	88.89	-1,243.11	14,243.66	3,653.72	2,848.60	805.12	4.538	
23,500.00	7,850.00	22,765.07	7,780.00	410.69	403.10	88.89	-1,251.49	14,343.00	3,661.51	2,851.03	810.48	4.518	
23,600.00	7,850.00	22,864.77	7,780.00	413.37	405.79	88.90	-1,259.88	14,442.35	3,669.30	2,853.45	815.85	4.498	
23,700.00	7,850.00	22,964.46	7,780.00	416.05	408.48	88.90	-1,268.26	14,541.69	3,677.09	2,855.88	821.22	4.478	
23,800.00	7,850.00	23,064.16	7,780.00	418.74	411.16	88.90	-1,276.65	14,641.03	3,684.89	2,858.30	826.58	4.458	
23,900.00	7,850.00	23,163.86	7,780.00	421.42	413.85	88.90	-1,285.03	14,740.37	3,692.68	2,860.73	831.95	4.439	
24,000.00	7,850.00	23,263.55	7,780.00	424.11	416.54	88.91	-1,293.41	14,839.72	3,700.47	2,863.15	837.32	4.419	
24,092.24	7,850.00	23,355.51	7,780.00	426.58	419.02	88.91	-1,301.15	14,931.34	3,707.66	2,865.39	842.27	4.402 SF	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	47.60	47.60	0.00	0.06	-128.49	-1,078.63	-1,356.41	1,733.02					
100.00	100.00	145.08	145.08	0.13	0.33	-128.49	-1,079.00	-1,357.01	1,733.74	1,733.27	0.46	3,742.350		
200.00	200.00	248.03	248.03	0.49	0.70	-128.48	-1,079.07	-1,357.64	1,734.26	1,733.07	1.19	1,458.421		
300.00	299.98	347.67	347.66	0.85	1.05	-109.50	-1,079.10	-1,358.22	1,735.31	1,733.40	1.90	911.257		
400.00	399.84	447.61	447.60	1.22	1.41	-109.61	-1,079.22	-1,358.74	1,737.55	1,734.92	2.62	661.967		
500.00	499.45	549.25	549.24	1.59	1.78	-109.82	-1,079.42	-1,359.12	1,740.91	1,737.55	3.36	518.155		
600.00	598.70	648.96	648.95	1.97	2.13	-110.11	-1,079.65	-1,359.37	1,745.45	1,741.35	4.10	425.503		
700.00	697.47	747.53	747.52	2.38	2.48	-110.48	-1,079.92	-1,359.60	1,751.28	1,746.42	4.86	360.345		
800.00	795.62	846.21	846.20	2.82	2.83	-110.92	-1,080.18	-1,359.79	1,758.46	1,752.82	5.64	311.625		
900.00	893.06	942.86	942.85	3.29	3.18	-111.42	-1,080.46	-1,359.97	1,767.11	1,760.66	6.45	274.092		
1,000.00	989.64	1,039.14	1,039.13	3.80	3.52	-111.99	-1,080.74	-1,360.21	1,777.36	1,770.08	7.28	244.075		
1,100.00	1,085.27	1,135.31	1,135.30	4.35	3.87	-112.61	-1,080.97	-1,360.45	1,789.24	1,781.09	8.15	219.526		
1,200.00	1,179.82	1,229.54	1,229.52	4.95	4.21	-113.26	-1,081.18	-1,360.70	1,802.90	1,793.86	9.05	199.300		
1,300.00	1,273.63	1,323.30	1,323.29	5.58	4.54	-114.18	-1,081.44	-1,360.91	1,817.95	1,807.98	9.96	182.484		
1,400.00	1,367.44	1,417.80	1,417.79	6.22	4.88	-115.13	-1,081.75	-1,361.06	1,833.52	1,822.64	10.88	168.458		
1,500.00	1,461.25	1,511.11	1,511.10	6.87	5.21	-116.05	-1,082.07	-1,361.13	1,849.59	1,837.79	11.80	156.715		
1,600.00	1,555.06	1,602.70	1,602.69	7.52	5.54	-116.94	-1,082.46	-1,361.25	1,866.26	1,853.55	12.71	146.792		
1,700.00	1,648.86	1,694.72	1,694.70	8.18	5.86	-117.83	-1,082.93	-1,361.42	1,883.52	1,869.90	13.62	138.240		
1,800.00	1,742.67	1,787.59	1,787.57	8.84	6.20	-118.71	-1,083.52	-1,361.55	1,901.35	1,886.81	14.54	130.802		
1,900.00	1,836.48	1,881.34	1,881.32	9.51	6.53	-119.58	-1,084.13	-1,361.69	1,919.65	1,904.21	15.45	124.277		
2,000.00	1,930.29	1,974.94	1,974.92	10.18	6.86	-120.44	-1,084.69	-1,361.86	1,938.42	1,922.07	16.35	118.536		
2,100.00	2,024.10	2,068.40	2,068.38	10.85	7.20	-121.27	-1,085.24	-1,362.07	1,957.65	1,940.39	17.25	113.457		
2,200.00	2,117.90	2,162.19	2,162.16	11.52	7.53	-122.10	-1,085.78	-1,362.30	1,977.31	1,959.16	18.15	108.925		
2,300.00	2,211.71	2,257.67	2,257.64	12.19	7.88	-122.92	-1,086.28	-1,362.54	1,997.36	1,978.31	19.05	104.832		
2,400.00	2,305.52	2,392.86	2,392.82	12.87	8.35	-124.04	-1,086.63	-1,363.02	2,017.25	1,997.15	20.09	100.386		
2,500.00	2,399.33	2,565.51	2,565.27	13.54	8.92	-125.33	-1,077.57	-1,362.71	2,033.49	2,012.25	21.24	95.753		
2,600.00	2,493.13	2,672.39	2,671.93	14.22	9.28	-126.10	-1,070.67	-1,361.91	2,048.67	2,026.53	22.14	92.512		
2,700.00	2,586.94	2,777.39	2,776.67	14.89	9.63	-126.83	-1,063.41	-1,361.00	2,063.73	2,040.69	23.04	89.554		
2,800.00	2,680.75	2,853.23	2,852.35	15.57	9.89	-127.36	-1,058.40	-1,360.32	2,079.31	2,055.47	23.84	87.214		
2,900.00	2,774.56	2,942.39	2,941.35	16.25	10.19	-127.98	-1,053.16	-1,359.72	2,095.88	2,071.20	24.68	84.925		
3,000.00	2,868.36	3,039.58	3,038.36	16.93	10.53	-128.65	-1,047.46	-1,359.12	2,112.78	2,087.24	25.54	82.717		
3,100.00	2,962.17	3,142.27	3,140.86	17.61	10.88	-129.33	-1,041.14	-1,358.56	2,129.76	2,103.34	26.42	80.604		
3,200.00	3,055.98	3,236.67	3,235.07	18.28	11.21	-129.95	-1,035.20	-1,357.91	2,146.82	2,119.55	27.27	78.727		
3,300.00	3,149.79	3,327.14	3,325.37	18.96	11.52	-130.54	-1,029.72	-1,357.22	2,164.31	2,136.21	28.10	77.029		
3,400.00	3,243.60	3,407.76	3,405.85	19.64	11.80	-131.05	-1,024.93	-1,357.13	2,182.46	2,153.57	28.89	75.555		
3,500.00	3,337.40	3,495.15	3,493.08	20.32	12.11	-131.58	-1,019.84	-1,358.08	2,201.48	2,171.78	29.70	74.127		
3,600.00	3,431.21	3,590.48	3,588.25	21.00	12.45	-132.13	-1,014.36	-1,359.22	2,220.83	2,190.29	30.54	72.718		
3,700.00	3,525.02	3,688.55	3,686.16	21.68	12.79	-132.71	-1,008.86	-1,360.01	2,240.36	2,208.97	31.39	71.377		
3,800.00	3,618.83	3,786.01	3,783.50	22.36	13.13	-133.30	-1,003.82	-1,359.71	2,259.98	2,227.76	32.22	70.133		
3,900.00	3,712.63	3,887.79	3,885.13	23.04	13.49	-133.91	-998.53	-1,359.10	2,279.71	2,246.64	33.07	68.928		
4,000.00	3,806.44	3,986.78	3,983.97	23.72	13.84	-134.50	-993.12	-1,358.43	2,299.39	2,265.48	33.91	67.812		
4,100.00	3,900.25	4,078.48	4,075.54	24.41	14.17	-135.04	-988.18	-1,357.65	2,319.30	2,284.59	34.71	66.819		
4,200.00	3,994.06	4,170.75	4,167.67	25.09	14.49	-135.57	-983.32	-1,357.03	2,339.60	2,304.08	35.51	65.884		
4,300.00	4,087.86	4,271.19	4,267.95	25.77	14.85	-136.11	-977.64	-1,357.20	2,360.09	2,323.74	36.35	64.933		
4,400.00	4,181.67	4,362.06	4,358.67	26.45	15.18	-136.59	-972.37	-1,357.44	2,380.68	2,343.54	37.14	64.100		
4,500.00	4,275.48	4,444.19	4,440.68	27.13	15.47	-137.02	-967.94	-1,357.69	2,401.84	2,363.95	37.89	63.386		
4,600.00	4,369.29	4,547.95	4,544.31	27.81	15.84	-137.56	-962.72	-1,358.00	2,423.51	2,384.78	38.73	62.569		
4,700.00	4,463.10	4,646.10	4,642.31	28.49	16.19	-138.07	-957.40	-1,357.87	2,444.84	2,405.29	39.55	61.821		
4,800.00	4,556.90	4,730.67	4,726.78	29.17	16.49	-138.51	-953.17	-1,357.38	2,466.57	2,426.28	40.30	61.212		
4,900.00	4,650.71	4,864.09	4,860.01	29.86	16.97	-139.19	-946.21	-1,356.52	2,488.37	2,447.12	41.25	60.322		
5,000.00	4,744.52	4,951.94	4,947.70	30.54	17.28	-139.63	-940.97	-1,355.62	2,509.44	2,467.43	42.01	59.734		
5,100.00	4,838.33	5,027.26	5,022.90	31.22	17.55	-140.01	-936.90	-1,354.76	2,531.16	2,488.45	42.71	59.265		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,932.13	5,114.22	5,109.75	31.90	17.87	-140.44	-932.63	-1,354.18	2,553.64	2,510.18	43.46	58.763		
5,300.00	5,025.94	5,209.04	5,204.44	32.58	18.21	-140.86	-927.60	-1,354.99	2,576.40	2,532.15	44.24	58.231		
5,400.00	5,119.75	5,288.53	5,283.81	33.26	18.49	-141.21	-923.41	-1,356.08	2,599.50	2,554.54	44.96	57.817		
5,500.00	5,213.56	5,370.95	5,366.15	33.95	18.79	-141.56	-919.80	-1,356.99	2,623.44	2,577.75	45.68	57.425		
5,600.00	5,307.36	5,549.15	5,544.08	34.63	19.43	-142.34	-910.31	-1,357.57	2,646.68	2,599.83	46.85	56.498		
5,700.00	5,401.17	5,642.99	5,637.67	35.31	19.77	-142.74	-903.46	-1,357.23	2,667.80	2,620.18	47.62	56.023		
5,800.00	5,494.98	5,706.35	5,700.90	35.99	20.00	-143.01	-899.40	-1,357.12	2,689.94	2,641.69	48.25	55.745		
5,900.00	5,588.79	5,785.98	5,780.40	36.68	20.29	-143.34	-894.99	-1,357.18	2,713.07	2,664.12	48.96	55.418		
6,000.00	5,682.59	5,860.87	5,855.21	37.36	20.56	-143.65	-891.28	-1,357.48	2,736.95	2,687.32	49.63	55.144		
6,100.00	5,776.40	5,961.96	5,956.19	38.04	20.93	-144.05	-886.68	-1,358.31	2,761.44	2,711.01	50.43	54.753		
6,200.00	5,870.21	6,044.03	6,038.15	38.72	21.22	-144.36	-882.66	-1,359.19	2,785.79	2,734.65	51.14	54.471		
6,300.00	5,964.02	6,186.16	6,180.09	39.40	21.73	-144.88	-875.65	-1,361.32	2,810.54	2,758.40	52.15	53.896		
6,400.00	6,057.83	6,271.32	6,265.09	40.09	22.04	-145.19	-870.65	-1,362.21	2,834.17	2,781.30	52.87	53.605		
6,500.00	6,151.63	6,336.05	6,329.73	40.77	22.28	-145.42	-867.21	-1,363.07	2,858.50	2,805.01	53.49	53.437		
6,600.00	6,245.44	6,435.02	6,428.58	41.45	22.64	-145.76	-862.63	-1,364.81	2,883.67	2,829.38	54.28	53.123		
6,700.00	6,339.25	6,574.17	6,567.50	42.13	23.14	-146.26	-854.80	-1,365.69	2,907.66	2,852.40	55.26	52.614		
6,800.00	6,433.06	6,650.00	6,643.21	42.82	23.42	-146.55	-850.64	-1,365.17	2,931.64	2,875.72	55.93	52.417		
6,900.00	6,526.86	6,694.09	6,687.26	43.50	23.57	-146.71	-848.77	-1,364.83	2,956.85	2,900.43	56.43	52.401		
7,000.00	6,620.67	6,745.00	6,738.15	44.18	23.76	-146.91	-847.46	-1,364.56	2,983.73	2,926.79	56.94	52.397		
7,100.00	6,714.48	6,813.35	6,806.50	44.86	24.00	-147.16	-846.48	-1,364.31	3,011.85	2,954.30	57.54	52.340		
7,200.00	6,808.29	6,902.77	6,895.92	45.55	24.31	-147.50	-845.63	-1,363.86	3,040.52	2,982.27	58.25	52.194		
7,300.00	6,902.09	6,998.08	6,991.21	46.23	24.64	-147.86	-844.79	-1,362.93	3,069.28	3,010.29	58.99	52.030		
7,400.00	6,995.90	7,086.50	7,079.63	46.91	24.95	-148.19	-844.04	-1,362.10	3,098.18	3,038.49	59.69	51.906		
7,500.00	7,089.71	7,172.35	7,165.47	47.59	25.24	-148.50	-843.54	-1,361.31	3,127.44	3,067.07	60.37	51.804		
7,600.00	7,183.52	7,260.38	7,253.50	48.28	25.55	-148.81	-843.14	-1,360.76	3,156.97	3,095.91	61.06	51.699 SF		
7,700.00	7,277.41	7,318.55	7,311.64	48.95	25.75	-158.76	-842.89	-1,362.36	3,187.41	3,125.81	61.59	51.748		
7,800.00	7,371.68	7,367.20	7,360.09	49.54	25.92	169.81	-842.79	-1,366.59	3,221.55	3,159.53	62.02	51.940		
7,900.00	7,464.05	7,406.00	7,398.52	50.01	26.05	144.91	-842.88	-1,371.97	3,259.43	3,197.09	62.34	52.282		
8,000.00	7,551.70	7,444.56	7,436.39	50.36	26.18	128.10	-843.16	-1,379.19	3,300.14	3,237.50	62.64	52.682		
8,100.00	7,631.98	7,494.85	7,485.19	50.61	26.35	116.52	-843.49	-1,391.31	3,342.56	3,279.51	63.05	53.015		
8,200.00	7,702.44	7,532.00	7,520.71	50.75	26.47	107.70	-843.39	-1,402.16	3,385.57	3,322.18	63.40	53.403		
8,300.00	7,760.95	7,542.60	7,530.74	50.81	26.51	100.25	-843.33	-1,405.59	3,428.52	3,364.94	63.59	53.920		
8,400.00	7,805.72	7,548.07	7,535.90	50.80	26.53	94.03	-843.30	-1,407.41	3,470.41	3,406.59	63.82	54.377		
8,500.00	7,835.40	7,546.55	7,534.47	50.72	26.52	88.83	-843.30	-1,406.90	3,510.10	3,445.99	64.11	54.751		
8,600.00	7,849.08	7,532.00	7,520.71	50.60	26.47	84.52	-843.39	-1,402.16	3,546.49	3,482.09	64.41	55.065		
8,700.00	7,850.00	7,532.00	7,520.71	50.45	26.47	83.42	-843.39	-1,402.16	3,580.08	3,515.14	64.94	55.129		
8,800.00	7,850.00	7,514.05	7,503.62	50.32	26.41	83.13	-843.46	-1,396.69	3,615.62	3,550.21	65.41	55.273		
8,900.00	7,850.00	7,501.00	7,491.11	50.22	26.37	82.92	-843.49	-1,392.99	3,653.47	3,587.46	66.01	55.346		
9,000.00	7,850.00	7,488.19	7,478.77	50.15	26.33	82.71	-843.48	-1,389.55	3,693.54	3,626.86	66.68	55.390		
9,100.00	7,850.00	7,469.00	7,460.19	50.11	26.26	82.39	-843.37	-1,384.72	3,735.77	3,668.41	67.36	55.460		
9,200.00	7,850.00	7,469.00	7,460.19	50.12	26.26	82.39	-843.37	-1,384.72	3,780.08	3,711.84	68.24	55.396		
9,300.00	7,850.00	7,457.37	7,448.89	50.20	26.22	82.20	-843.27	-1,382.00	3,826.44	3,757.38	69.06	55.407		
9,400.00	7,850.00	7,450.50	7,442.19	50.42	26.20	82.09	-843.21	-1,380.47	3,874.79	3,804.84	69.95	55.396		
9,500.00	7,850.00	7,438.00	7,429.97	50.87	26.16	81.88	-843.10	-1,377.82	3,925.07	3,854.26	70.81	55.431		
9,600.00	7,850.00	7,438.00	7,429.97	51.72	26.16	81.88	-843.10	-1,377.82	3,977.16	3,905.39	71.78	55.410		
9,700.00	7,850.00	7,438.00	7,429.97	53.02	26.16	81.88	-843.10	-1,377.82	4,031.07	3,958.32	72.75	55.411		
9,800.00	7,850.00	7,438.00	7,429.97	54.65	26.16	81.88	-843.10	-1,377.82	4,086.71	4,012.99	73.72	55.438		
9,900.00	7,850.00	7,425.42	7,417.64	56.50	26.12	81.68	-842.99	-1,375.36	4,143.92	4,069.33	74.59	55.553		
10,000.00	7,850.00	7,421.63	7,413.91	58.48	26.10	81.61	-842.96	-1,374.66	4,202.76	4,127.24	75.52	55.649		
10,100.00	7,850.00	7,406.00	7,398.52	60.55	26.05	81.35	-842.88	-1,371.97	4,263.20	4,186.84	76.36	55.829		
10,200.00	7,850.00	7,406.00	7,398.52	62.69	26.05	81.35	-842.88	-1,371.97	4,324.97	4,247.69	77.29	55.958		
10,300.00	7,850.00	7,406.00	7,398.52	64.88	26.05	81.35	-842.88	-1,371.97	4,388.15	4,309.96	78.20	56.115		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft	
Survey Program: 83-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	7,406.00	7,398.52	67.11	26.05	81.35	-842.88	-1,371.97	4,452.69	4,373.60	79.09	56.299		
10,500.00	7,850.00	7,406.00	7,398.52	69.38	26.05	81.35	-842.88	-1,371.97	4,518.51	4,438.55	79.96	56.510		
10,600.00	7,850.00	7,406.00	7,398.52	71.68	26.05	81.35	-842.88	-1,371.97	4,585.56	4,504.76	80.81	56.746		
10,700.00	7,850.00	7,406.00	7,398.52	74.00	26.05	81.35	-842.88	-1,371.97	4,653.81	4,572.17	81.63	57.008		
10,800.00	7,850.00	7,406.00	7,398.52	76.36	26.05	81.35	-842.88	-1,371.97	4,723.18	4,640.74	82.44	57.293		
10,900.00	7,850.00	7,406.00	7,398.52	78.73	26.05	81.35	-842.88	-1,371.97	4,793.63	4,710.41	83.22	57.602		
11,000.00	7,850.00	7,391.30	7,383.99	81.13	26.00	81.11	-842.82	-1,369.72	4,864.99	4,781.10	83.90	57.988		
11,100.00	7,850.00	7,388.85	7,381.56	83.54	25.99	81.07	-842.82	-1,369.37	4,937.43	4,852.81	84.62	58.348		
11,200.00	7,850.00	7,375.00	7,367.84	85.97	25.94	80.84	-842.80	-1,367.53	5,010.88	4,925.62	85.26	58.771		
11,300.00	7,850.00	7,375.00	7,367.84	88.42	25.94	80.84	-842.80	-1,367.53	5,085.13	4,999.17	85.96	59.160		
11,400.00	7,850.00	7,375.00	7,367.84	90.88	25.94	80.84	-842.80	-1,367.53	5,160.25	5,073.62	86.63	59.567		
11,500.00	7,850.00	7,375.00	7,367.84	93.35	25.94	80.84	-842.80	-1,367.53	5,236.20	5,148.92	87.28	59.993		
11,600.00	7,850.00	7,375.00	7,367.84	95.83	25.94	80.84	-842.80	-1,367.53	5,312.94	5,225.03	87.91	60.435		
11,700.00	7,850.00	7,375.00	7,367.84	98.33	25.94	80.84	-842.80	-1,367.53	5,390.45	5,301.93	88.52	60.893		
11,800.00	7,850.00	7,375.00	7,367.84	100.83	25.94	80.84	-842.80	-1,367.53	5,468.69	5,379.58	89.11	61.367		
11,900.00	7,850.00	7,375.00	7,367.84	103.35	25.94	80.84	-842.80	-1,367.53	5,547.63	5,457.94	89.69	61.856		
12,000.00	7,850.00	7,375.00	7,367.84	105.87	25.94	80.84	-842.80	-1,367.53	5,627.24	5,537.00	90.24	62.358		
12,100.00	7,850.00	7,375.00	7,367.84	108.40	25.94	80.84	-842.80	-1,367.53	5,707.49	5,616.71	90.78	62.874		
12,200.00	7,850.00	7,375.00	7,367.84	110.94	25.94	80.84	-842.80	-1,367.53	5,788.35	5,697.06	91.30	63.402		
12,300.00	7,850.00	7,375.00	7,367.84	113.48	25.94	80.84	-842.80	-1,367.53	5,869.81	5,778.01	91.80	63.942		
12,400.00	7,850.00	7,375.00	7,367.84	116.04	25.94	80.84	-842.80	-1,367.53	5,951.83	5,859.54	92.29	64.494		
12,500.00	7,850.00	7,375.00	7,367.84	118.59	25.94	80.84	-842.80	-1,367.53	6,034.39	5,941.63	92.76	65.056		
12,600.00	7,850.00	7,360.60	7,353.54	121.16	25.89	80.60	-842.79	-1,365.86	6,117.35	6,024.20	93.15	65.673		
12,700.00	7,850.00	7,359.15	7,352.09	123.73	25.89	80.58	-842.79	-1,365.70	6,200.91	6,107.32	93.58	66.260		
12,800.00	7,850.00	7,357.74	7,350.69	126.30	25.88	80.55	-842.80	-1,365.55	6,284.94	6,190.93	94.01	66.856		
12,900.00	7,850.00	7,343.00	7,336.02	128.88	25.83	80.31	-842.82	-1,364.14	6,369.54	6,275.18	94.36	67.503		
13,000.00	7,850.00	7,343.00	7,336.02	131.46	25.83	80.31	-842.82	-1,364.14	6,454.45	6,359.69	94.76	68.112		
13,100.00	7,850.00	7,343.00	7,336.02	134.05	25.83	80.31	-842.82	-1,364.14	6,539.79	6,444.64	95.15	68.728		
13,200.00	7,850.00	7,343.00	7,336.02	136.64	25.83	80.31	-842.82	-1,364.14	6,625.55	6,530.01	95.53	69.352		
13,300.00	7,850.00	7,343.00	7,336.02	139.24	25.83	80.31	-842.82	-1,364.14	6,711.69	6,615.79	95.90	69.984		
13,400.00	7,850.00	7,343.00	7,336.02	141.84	25.83	80.31	-842.82	-1,364.14	6,798.21	6,701.95	96.26	70.623		
13,500.00	7,850.00	7,343.00	7,336.02	144.44	25.83	80.31	-842.82	-1,364.14	6,885.10	6,788.50	96.61	71.269		
13,600.00	7,850.00	7,343.00	7,336.02	147.05	25.83	80.31	-842.82	-1,364.14	6,972.34	6,875.40	96.94	71.921		
13,700.00	7,850.00	7,343.00	7,336.02	149.66	25.83	80.31	-842.82	-1,364.14	7,059.92	6,962.65	97.27	72.580		
13,800.00	7,850.00	7,343.00	7,336.02	152.27	25.83	80.31	-842.82	-1,364.14	7,147.83	7,050.24	97.59	73.244		
13,900.00	7,850.00	7,343.00	7,336.02	154.88	25.83	80.31	-842.82	-1,364.14	7,236.05	7,138.15	97.90	73.914		
14,000.00	7,850.00	7,343.00	7,336.02	157.50	25.83	80.31	-842.82	-1,364.14	7,324.57	7,226.37	98.20	74.589		
14,100.00	7,850.00	7,343.00	7,336.02	160.12	25.83	80.31	-842.82	-1,364.14	7,413.38	7,314.89	98.49	75.270		
14,200.00	7,850.00	7,343.00	7,336.02	162.74	25.83	80.31	-842.82	-1,364.14	7,502.48	7,403.70	98.77	75.955		
14,300.00	7,850.00	7,343.00	7,336.02	165.36	25.83	80.31	-842.82	-1,364.14	7,591.85	7,492.79	99.05	76.645		
14,400.00	7,850.00	7,343.00	7,336.02	167.99	25.83	80.31	-842.82	-1,364.14	7,681.48	7,582.15	99.32	77.340		
14,500.00	7,850.00	7,343.00	7,336.02	170.62	25.83	80.31	-842.82	-1,364.14	7,771.36	7,671.77	99.58	78.039		
14,600.00	7,850.00	7,343.00	7,336.02	173.25	25.83	80.31	-842.82	-1,364.14	7,861.48	7,761.65	99.84	78.742		
14,700.00	7,850.00	7,343.00	7,336.02	175.88	25.83	80.31	-842.82	-1,364.14	7,951.85	7,851.76	100.09	79.449		
14,800.00	7,850.00	7,343.00	7,336.02	178.52	25.83	80.31	-842.82	-1,364.14	8,042.44	7,942.11	100.33	80.160		
14,900.00	7,850.00	7,343.00	7,336.02	181.15	25.83	80.31	-842.82	-1,364.14	8,133.25	8,032.68	100.57	80.874		
15,000.00	7,850.00	7,343.00	7,336.02	183.79	25.83	80.31	-842.82	-1,364.14	8,224.27	8,123.48	100.80	81.592		
15,100.00	7,850.00	7,343.00	7,336.02	186.43	25.83	80.31	-842.82	-1,364.14	8,315.50	8,214.48	101.02	82.313		
15,200.00	7,850.00	7,343.00	7,336.02	189.07	25.83	80.31	-842.82	-1,364.14	8,406.93	8,305.69	101.24	83.037		
15,300.00	7,850.00	7,343.00	7,336.02	191.71	25.83	80.31	-842.82	-1,364.14	8,498.56	8,397.10	101.46	83.764		
15,400.00	7,850.00	7,343.00	7,336.02	194.36	25.83	80.31	-842.82	-1,364.14	8,590.37	8,488.70	101.67	84.495		
15,500.00	7,850.00	7,343.00	7,336.02	197.00	25.83	80.31	-842.82	-1,364.14	8,682.36	8,580.49	101.87	85.227		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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
SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 83-MWD OWSG													
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,850.00	7,343.00	7,336.02	199.65	25.83	80.31	-842.82	-1,364.14	8,774.52	8,672.45	102.07	85.963	
15,700.00	7,850.00	7,343.00	7,336.02	202.30	25.83	80.31	-842.82	-1,364.14	8,866.86	8,764.59	102.27	86.701	
15,800.00	7,850.00	7,343.00	7,336.02	204.94	25.83	80.31	-842.82	-1,364.14	8,959.36	8,856.90	102.46	87.441	
15,900.00	7,850.00	7,328.67	7,321.74	207.59	25.78	80.07	-842.86	-1,363.01	9,051.89	8,949.29	102.60	88.226	
16,000.00	7,850.00	7,328.05	7,321.11	210.25	25.78	80.06	-842.86	-1,362.96	9,144.70	9,041.92	102.78	88.972	
16,100.00	7,850.00	7,327.44	7,320.51	212.90	25.78	80.05	-842.86	-1,362.92	9,237.65	9,134.69	102.96	89.721	
16,200.00	7,850.00	7,326.84	7,319.91	215.55	25.78	80.04	-842.87	-1,362.88	9,330.75	9,227.61	103.13	90.472	
16,300.00	7,850.00	7,326.25	7,319.32	218.20	25.78	80.03	-842.87	-1,362.84	9,423.99	9,320.68	103.31	91.225	
16,400.00	7,850.00	7,312.00	7,305.10	220.86	25.73	79.79	-842.92	-1,362.00	9,517.48	9,414.05	103.43	92.023	
16,500.00	7,850.00	7,312.00	7,305.10	223.52	25.73	79.79	-842.92	-1,362.00	9,610.98	9,507.39	103.59	92.777	
16,600.00	7,850.00	7,312.00	7,305.10	226.17	25.73	79.79	-842.92	-1,362.00	9,704.61	9,600.85	103.76	93.533	
16,700.00	7,850.00	7,312.00	7,305.10	228.83	25.73	79.79	-842.92	-1,362.00	9,798.36	9,694.45	103.92	94.291	
16,800.00	7,850.00	7,312.00	7,305.10	231.49	25.73	79.79	-842.92	-1,362.00	9,892.24	9,788.17	104.07	95.051	
16,900.00	7,850.00	7,312.00	7,305.10	234.15	25.73	79.79	-842.92	-1,362.00	9,986.24	9,882.01	104.23	95.812	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-38.27	1,385.70	-1,093.22	1,765.12					
100.00	100.00	75.47	75.47	0.13	0.18	-38.27	1,385.72	-1,093.32	1,765.10	1,764.79	0.32	5,591.652		
200.00	200.00	171.90	171.90	0.49	0.53	-38.29	1,385.82	-1,093.89	1,765.56	1,764.54	1.02	1,731.451		
300.00	299.98	272.39	272.39	0.85	0.89	-19.31	1,386.10	-1,094.33	1,764.39	1,762.65	1.74	1,015.525		
400.00	399.84	371.81	371.80	1.22	1.24	-19.40	1,386.52	-1,094.59	1,759.95	1,757.49	2.46	716.850		
500.00	499.45	471.68	471.67	1.59	1.59	-19.54	1,386.97	-1,094.80	1,752.21	1,749.03	3.18	551.419		
600.00	598.70	570.99	570.99	1.97	1.95	-19.75	1,387.33	-1,095.16	1,741.23	1,737.32	3.90	446.198		
700.00	697.47	669.18	669.17	2.38	2.30	-20.04	1,387.34	-1,095.89	1,726.97	1,722.34	4.63	373.269		
800.00	795.62	767.36	767.35	2.82	2.65	-20.41	1,387.32	-1,096.80	1,709.59	1,704.23	5.36	319.141		
900.00	893.06	867.72	867.70	3.29	3.01	-20.85	1,387.26	-1,097.60	1,688.91	1,682.81	6.10	276.734		
1,000.00	989.64	966.25	966.23	3.80	3.36	-21.37	1,387.26	-1,098.05	1,664.95	1,658.10	6.85	242.985		
1,100.00	1,085.27	1,064.72	1,064.70	4.35	3.71	-21.97	1,387.23	-1,098.36	1,637.79	1,630.18	7.61	215.229		
1,200.00	1,179.82	1,157.16	1,157.14	4.95	4.04	-22.64	1,387.07	-1,098.73	1,607.55	1,599.20	8.36	192.360		
1,300.00	1,273.63	1,250.76	1,250.74	5.58	4.37	-23.18	1,386.95	-1,099.21	1,575.61	1,566.49	9.12	172.800		
1,400.00	1,367.44	1,337.57	1,337.55	6.22	4.68	-23.65	1,386.95	-1,099.77	1,543.92	1,534.06	9.86	156.567		
1,500.00	1,461.25	1,435.93	1,435.90	6.87	5.03	-24.22	1,387.08	-1,100.58	1,512.56	1,501.91	10.65	141.993		
1,600.00	1,555.06	1,535.80	1,535.78	7.52	5.38	-24.81	1,387.13	-1,100.81	1,480.90	1,469.46	11.44	129.422		
1,700.00	1,648.86	1,637.01	1,636.98	8.18	5.71	-25.41	1,387.19	-1,100.39	1,448.95	1,436.72	12.23	118.494		
1,800.00	1,742.67	1,730.16	1,730.13	8.84	6.02	-25.97	1,387.26	-1,099.64	1,416.90	1,403.90	13.00	108.985		
1,900.00	1,836.48	1,819.84	1,819.80	9.51	6.32	-26.54	1,387.33	-1,099.08	1,385.10	1,371.33	13.78	100.552		
2,000.00	1,930.29	1,915.15	1,915.11	10.18	6.64	-27.19	1,387.40	-1,098.72	1,353.60	1,339.03	14.57	92.874		
2,100.00	2,024.10	2,009.32	2,009.28	10.85	6.96	-27.86	1,387.34	-1,098.35	1,322.17	1,306.79	15.38	85.965		
2,200.00	2,117.90	2,102.65	2,102.61	11.52	7.28	-28.56	1,387.24	-1,098.03	1,290.92	1,274.72	16.19	79.713		
2,300.00	2,211.71	2,193.92	2,193.89	12.19	7.59	-29.28	1,387.14	-1,097.86	1,259.95	1,242.94	17.02	74.038		
2,400.00	2,305.52	2,286.09	2,286.05	12.87	7.91	-30.04	1,387.16	-1,097.81	1,229.38	1,211.52	17.85	68.854		
2,500.00	2,399.33	2,380.42	2,380.38	13.54	8.24	-30.86	1,387.17	-1,097.81	1,199.04	1,180.34	18.71	64.095		
2,600.00	2,493.13	2,474.00	2,473.97	14.22	8.56	-31.71	1,387.15	-1,097.77	1,168.91	1,149.34	19.57	59.731		
2,700.00	2,586.94	2,566.42	2,566.38	14.89	8.88	-32.60	1,387.17	-1,097.86	1,139.15	1,118.70	20.45	55.715		
2,800.00	2,680.75	2,661.24	2,661.20	15.57	9.22	-33.56	1,387.23	-1,097.91	1,109.66	1,088.32	21.34	51.995		
2,900.00	2,774.56	2,755.73	2,755.69	16.25	9.55	-34.56	1,387.21	-1,097.91	1,080.40	1,058.15	22.25	48.561		
3,000.00	2,868.36	2,849.50	2,849.46	16.93	9.87	-35.61	1,387.19	-1,097.88	1,051.43	1,028.27	23.17	45.385		
3,100.00	2,962.17	2,943.18	2,943.14	17.61	10.20	-36.72	1,387.13	-1,097.91	1,022.85	998.74	24.10	42.435		
3,200.00	3,055.98	3,037.19	3,037.15	18.28	10.52	-37.89	1,387.10	-1,097.88	994.62	969.56	25.06	39.691		
3,300.00	3,149.79	3,129.53	3,129.50	18.96	10.84	-39.09	1,387.18	-1,097.84	966.86	940.83	26.03	37.143		
3,400.00	3,243.60	3,221.75	3,221.72	19.64	11.17	-40.36	1,387.39	-1,097.99	939.79	912.76	27.03	34.774		
3,500.00	3,337.40	3,318.41	3,318.37	20.32	11.51	-41.77	1,387.45	-1,098.08	913.07	885.03	28.05	32.555		
3,600.00	3,431.21	3,412.54	3,412.50	21.00	11.83	-43.22	1,387.44	-1,098.01	886.73	857.65	29.09	30.485		
3,700.00	3,525.02	3,505.19	3,505.15	21.68	12.16	-44.73	1,387.50	-1,098.01	861.08	830.93	30.15	28.558		
3,800.00	3,618.83	3,599.79	3,599.75	22.36	12.49	-46.37	1,387.50	-1,098.06	836.08	804.84	31.24	26.759		
3,900.00	3,712.63	3,695.16	3,695.12	23.04	12.82	-48.11	1,387.35	-1,098.00	811.64	779.27	32.36	25.079		
4,000.00	3,806.44	3,789.21	3,789.18	23.72	13.15	-49.94	1,387.05	-1,097.87	787.85	754.34	33.51	23.512		
4,100.00	3,900.25	3,881.74	3,881.70	24.41	13.47	-51.86	1,386.65	-1,097.86	764.99	730.30	34.68	22.056		
4,200.00	3,994.06	3,974.42	3,974.38	25.09	13.79	-53.86	1,386.47	-1,097.94	743.23	707.35	35.89	20.711		
4,300.00	4,087.86	4,068.72	4,068.68	25.77	14.12	-56.00	1,386.42	-1,097.98	722.50	685.38	37.11	19.467		
4,400.00	4,181.67	4,162.41	4,162.37	26.45	14.45	-58.24	1,386.37	-1,098.00	702.85	664.48	38.37	18.320		
4,500.00	4,275.48	4,256.08	4,256.04	27.13	14.78	-60.59	1,386.35	-1,098.01	684.39	644.75	39.64	17.266		
4,600.00	4,369.29	4,349.26	4,349.22	27.81	15.10	-63.04	1,386.38	-1,098.11	667.32	626.39	40.92	16.306		
4,700.00	4,463.10	4,444.46	4,444.42	28.49	15.43	-65.66	1,386.33	-1,098.12	651.53	609.31	42.23	15.429		
4,800.00	4,556.90	4,538.22	4,538.18	29.17	15.76	-68.35	1,386.26	-1,098.05	637.16	593.63	43.53	14.637		
4,900.00	4,650.71	4,631.54	4,631.51	29.86	16.09	-71.14	1,386.21	-1,098.02	624.44	579.61	44.83	13.929		
5,000.00	4,744.52	4,725.53	4,725.49	30.54	16.41	-74.03	1,386.20	-1,098.02	613.45	567.33	46.12	13.302		
5,100.00	4,838.33	4,820.37	4,820.33	31.22	16.74	-77.01	1,386.48	-1,097.91	604.12	556.74	47.38	12.751		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,932.13	4,915.07	4,915.03	31.90	17.07	-80.06	1,386.88	-1,097.76	596.57	547.96	48.61	12.273		
5,300.00	5,025.94	5,016.10	5,016.03	32.58	17.42	-83.21	1,389.24	-1,097.24	590.23	540.43	49.80	11.852		
5,400.00	5,119.75	5,116.97	5,116.78	33.26	17.78	-86.21	1,393.90	-1,095.94	584.40	533.46	50.93	11.474		
5,500.00	5,213.56	5,213.93	5,213.59	33.95	18.11	-89.09	1,399.15	-1,094.43	579.70	527.68	52.02	11.144		
5,600.00	5,307.36	5,318.73	5,318.05	34.63	18.48	-92.02	1,407.27	-1,092.77	575.79	522.74	53.05	10.853		
5,700.00	5,401.17	5,435.33	5,433.62	35.31	18.89	-94.82	1,422.37	-1,089.89	570.52	516.51	54.01	10.563		
5,800.00	5,494.98	5,560.75	5,556.82	35.99	19.34	-97.43	1,444.95	-1,083.83	562.07	507.25	54.83	10.252		
5,900.00	5,588.79	5,671.48	5,664.90	36.68	19.74	-99.76	1,467.34	-1,074.88	550.50	494.86	55.64	9.894		
6,000.00	5,682.59	5,770.34	5,761.23	37.36	20.11	-101.99	1,487.43	-1,065.41	538.35	481.83	56.52	9.525		
6,100.00	5,776.40	5,863.88	5,852.62	38.04	20.46	-104.35	1,504.95	-1,056.02	527.48	470.08	57.40	9.190		
6,200.00	5,870.21	5,964.98	5,951.48	38.72	20.84	-107.09	1,523.25	-1,045.30	517.55	459.42	58.13	8.904		
6,300.00	5,964.02	6,070.71	6,054.50	39.40	21.25	-110.01	1,543.68	-1,033.13	507.36	448.63	58.73	8.639		
6,400.00	6,057.83	6,180.38	6,160.77	40.09	21.68	-113.05	1,566.98	-1,019.39	496.40	437.21	59.19	8.387		
6,500.00	6,151.63	6,289.08	6,265.15	40.77	22.13	-116.00	1,593.46	-1,004.58	483.68	424.10	59.58	8.118		
6,600.00	6,245.44	6,394.16	6,365.35	41.45	22.57	-118.86	1,621.38	-989.70	470.12	410.16	59.96	7.841		
6,700.00	6,339.25	6,506.44	6,471.48	42.13	23.06	-121.99	1,653.77	-972.58	455.20	395.14	60.06	7.579		
6,800.00	6,433.06	6,611.87	6,569.97	42.82	23.55	-124.86	1,687.66	-956.27	438.60	378.35	60.25	7.280		
6,900.00	6,526.86	6,696.30	6,648.68	43.50	23.94	-126.82	1,716.60	-946.67	423.67	362.60	61.07	6.937		
7,000.00	6,620.67	6,794.60	6,740.35	44.18	24.41	-128.86	1,751.09	-938.19	410.40	348.86	61.54	6.669		
7,100.00	6,714.48	6,897.79	6,836.26	44.86	24.91	-131.19	1,787.90	-928.56	396.77	334.96	61.80	6.420		
7,200.00	6,808.29	6,993.20	6,924.96	45.55	25.39	-133.58	1,821.74	-919.09	383.66	321.47	62.19	6.169		
7,300.00	6,902.09	7,090.73	7,015.67	46.23	25.88	-136.09	1,856.42	-910.11	371.56	309.09	62.47	5.948		
7,400.00	6,995.90	7,188.03	7,106.18	46.91	26.38	-138.64	1,891.16	-901.75	360.36	297.65	62.71	5.746		
7,500.00	7,089.71	7,289.18	7,200.18	47.59	26.91	-141.30	1,927.70	-893.95	349.89	287.08	62.81	5.570		
7,600.00	7,183.52	7,387.62	7,290.73	48.28	27.43	-143.47	1,965.91	-889.03	338.39	275.28	63.11	5.362		
7,700.00	7,277.41	7,467.94	7,364.26	48.95	27.84	-152.17	1,997.52	-894.87	330.87	266.47	64.40	5.138		
7,718.68	7,295.03	7,481.16	7,376.30	49.06	27.90	-157.10	2,002.53	-897.08	330.61	265.86	64.75	5.106 CC, ES		
7,800.00	7,371.68	7,542.00	7,431.00	49.54	28.18	-177.10	2,024.17	-912.39	335.98	269.29	66.69	5.038 SF		
7,900.00	7,464.05	7,596.90	7,478.80	50.01	28.38	164.55	2,041.98	-932.62	358.61	289.52	69.09	5.191		
8,000.00	7,551.70	7,642.39	7,516.86	50.36	28.55	152.73	2,055.77	-953.33	401.32	330.56	70.76	5.672		
8,100.00	7,631.98	7,674.12	7,542.30	50.61	28.65	142.36	2,065.21	-969.77	462.66	391.19	71.47	6.474		
8,200.00	7,702.44	7,689.73	7,554.41	50.75	28.70	129.18	2,069.88	-978.44	538.15	466.74	71.41	7.536		
8,300.00	7,760.95	7,693.13	7,557.02	50.81	28.71	111.28	2,070.90	-980.37	622.34	551.18	71.17	8.745		
8,400.00	7,805.72	7,687.48	7,552.68	50.80	28.69	90.30	2,069.20	-977.16	710.37	639.31	71.06	9.997		
8,500.00	7,835.40	7,675.09	7,543.06	50.72	28.65	71.51	2,065.50	-970.30	798.42	727.22	71.20	11.214		
8,600.00	7,849.08	7,636.00	7,511.61	50.60	28.53	56.74	2,053.88	-950.21	884.24	813.51	70.73	12.501		
8,700.00	7,850.00	7,636.00	7,511.61	50.45	28.53	53.98	2,053.88	-950.21	965.64	893.65	71.99	13.413		
8,800.00	7,850.00	7,636.00	7,511.61	50.32	28.53	53.98	2,053.88	-950.21	1,049.85	976.88	72.97	14.387		
8,900.00	7,850.00	7,606.44	7,486.91	50.22	28.42	52.48	2,044.94	-936.67	1,135.43	1,062.47	72.96	15.562		
9,000.00	7,850.00	7,593.26	7,475.69	50.15	28.37	51.84	2,040.84	-931.11	1,222.96	1,149.64	73.32	16.680		
9,100.00	7,850.00	7,581.40	7,465.49	50.11	28.32	51.28	2,037.07	-926.37	1,311.89	1,238.26	73.62	17.819		
9,200.00	7,850.00	7,542.00	7,431.00	50.12	28.18	49.52	2,024.17	-912.39	1,403.06	1,329.75	73.31	19.140		
9,300.00	7,850.00	7,542.00	7,431.00	50.20	28.18	49.52	2,024.17	-912.39	1,493.55	1,419.80	73.76	20.250		
9,400.00	7,850.00	7,542.00	7,431.00	50.42	28.18	49.52	2,024.17	-912.39	1,585.19	1,511.07	74.13	21.385		
9,500.00	7,850.00	7,542.00	7,431.00	50.87	28.18	49.52	2,024.17	-912.39	1,677.79	1,603.36	74.43	22.542		
9,600.00	7,850.00	7,542.00	7,431.00	51.72	28.18	49.52	2,024.17	-912.39	1,771.19	1,696.51	74.68	23.717		
9,700.00	7,850.00	7,542.00	7,431.00	53.02	28.18	49.52	2,024.17	-912.39	1,865.27	1,790.38	74.89	24.906		
9,800.00	7,850.00	7,542.00	7,431.00	54.65	28.18	49.52	2,024.17	-912.39	1,959.94	1,884.87	75.07	26.108		
9,900.00	7,850.00	7,542.00	7,431.00	56.50	28.18	49.52	2,024.17	-912.39	2,055.11	1,979.89	75.22	27.321		
10,000.00	7,850.00	7,542.00	7,431.00	58.48	28.18	49.52	2,024.17	-912.39	2,150.73	2,075.38	75.35	28.543		
10,100.00	7,850.00	7,542.00	7,431.00	60.55	28.18	49.52	2,024.17	-912.39	2,246.72	2,171.26	75.46	29.774		
10,200.00	7,850.00	7,542.00	7,431.00	62.69	28.18	49.52	2,024.17	-912.39	2,343.05	2,267.50	75.56	31.011		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	7,542.00	7,431.00	64.88	28.18	49.52	2,024.17	-912.39	2,439.68	2,364.04	75.64	32.254		
10,400.00	7,850.00	7,501.75	7,394.96	67.11	27.99	47.91	2,010.12	-901.32	2,534.33	2,458.99	75.33	33.641		
10,500.00	7,850.00	7,498.54	7,392.06	69.38	27.98	47.79	2,008.96	-900.60	2,631.09	2,555.71	75.38	34.902		
10,600.00	7,850.00	7,495.54	7,389.34	71.68	27.96	47.67	2,007.86	-899.94	2,728.06	2,652.63	75.43	36.167		
10,700.00	7,850.00	7,492.70	7,386.77	74.00	27.95	47.57	2,006.82	-899.34	2,825.22	2,749.75	75.47	37.434		
10,800.00	7,850.00	7,490.04	7,384.35	76.36	27.94	47.47	2,005.84	-898.79	2,922.56	2,847.05	75.51	38.704		
10,900.00	7,850.00	7,487.52	7,382.07	78.73	27.93	47.38	2,004.90	-898.29	3,020.05	2,944.50	75.55	39.976		
11,000.00	7,850.00	7,447.00	7,345.16	81.13	27.74	46.01	1,989.39	-892.19	3,119.63	3,044.36	75.28	41.443		
11,100.00	7,850.00	7,447.00	7,345.16	83.54	27.74	46.01	1,989.39	-892.19	3,217.16	3,141.83	75.33	42.707		
11,200.00	7,850.00	7,447.00	7,345.16	85.97	27.74	46.01	1,989.39	-892.19	3,314.84	3,239.46	75.38	43.973		
11,300.00	7,850.00	7,447.00	7,345.16	88.42	27.74	46.01	1,989.39	-892.19	3,412.66	3,337.23	75.43	45.241		
11,400.00	7,850.00	7,447.00	7,345.16	90.88	27.74	46.01	1,989.39	-892.19	3,510.60	3,435.12	75.48	46.512		
11,500.00	7,850.00	7,447.00	7,345.16	93.35	27.74	46.01	1,989.39	-892.19	3,608.65	3,533.13	75.52	47.784		
11,600.00	7,850.00	7,447.00	7,345.16	95.83	27.74	46.01	1,989.39	-892.19	3,706.80	3,631.24	75.56	49.057		
11,700.00	7,850.00	7,447.00	7,345.16	98.33	27.74	46.01	1,989.39	-892.19	3,805.05	3,729.46	75.60	50.332		
11,800.00	7,850.00	7,447.00	7,345.16	100.83	27.74	46.01	1,989.39	-892.19	3,903.39	3,827.76	75.64	51.608		
11,900.00	7,850.00	7,447.00	7,345.16	103.35	27.74	46.01	1,989.39	-892.19	4,001.82	3,926.15	75.67	52.885		
12,000.00	7,850.00	7,447.00	7,345.16	105.87	27.74	46.01	1,989.39	-892.19	4,100.32	4,024.61	75.70	54.162		
12,100.00	7,850.00	7,447.00	7,345.16	108.40	27.74	46.01	1,989.39	-892.19	4,198.89	4,123.15	75.74	55.440		
12,200.00	7,850.00	7,447.00	7,345.16	110.94	27.74	46.01	1,989.39	-892.19	4,297.52	4,221.75	75.77	56.718		
12,300.00	7,850.00	7,447.00	7,345.16	113.48	27.74	46.01	1,989.39	-892.19	4,396.22	4,320.42	75.80	57.997		
12,400.00	7,850.00	7,447.00	7,345.16	116.04	27.74	46.01	1,989.39	-892.19	4,494.97	4,419.14	75.83	59.276		
12,500.00	7,850.00	7,447.00	7,345.16	118.59	27.74	46.01	1,989.39	-892.19	4,593.78	4,517.92	75.86	60.555		
12,600.00	7,850.00	7,447.00	7,345.16	121.16	27.74	46.01	1,989.39	-892.19	4,692.64	4,616.75	75.89	61.834		
12,700.00	7,850.00	7,447.00	7,345.16	123.73	27.74	46.01	1,989.39	-892.19	4,791.55	4,715.63	75.92	63.113		
12,800.00	7,850.00	7,447.00	7,345.16	126.30	27.74	46.01	1,989.39	-892.19	4,890.50	4,814.55	75.95	64.392		
12,900.00	7,850.00	7,447.00	7,345.16	128.88	27.74	46.01	1,989.39	-892.19	4,989.49	4,913.52	75.98	65.670		
13,000.00	7,850.00	7,447.00	7,345.16	131.46	27.74	46.01	1,989.39	-892.19	5,088.53	5,012.52	76.01	66.948		
13,100.00	7,850.00	7,447.00	7,345.16	134.05	27.74	46.01	1,989.39	-892.19	5,187.60	5,111.56	76.04	68.226		
13,200.00	7,850.00	7,447.00	7,345.16	136.64	27.74	46.01	1,989.39	-892.19	5,286.70	5,210.63	76.06	69.503		
13,300.00	7,850.00	7,447.00	7,345.16	139.24	27.74	46.01	1,989.39	-892.19	5,385.84	5,309.74	76.09	70.779		
13,400.00	7,850.00	7,447.00	7,345.16	141.84	27.74	46.01	1,989.39	-892.19	5,485.01	5,408.88	76.12	72.055		
13,500.00	7,850.00	7,447.00	7,345.16	144.44	27.74	46.01	1,989.39	-892.19	5,584.20	5,508.05	76.15	73.330		
13,600.00	7,850.00	7,447.00	7,345.16	147.05	27.74	46.01	1,989.39	-892.19	5,683.43	5,607.25	76.18	74.604		
13,700.00	7,850.00	7,447.00	7,345.16	149.66	27.74	46.01	1,989.39	-892.19	5,782.68	5,706.47	76.21	75.878		
13,800.00	7,850.00	7,447.00	7,345.16	152.27	27.74	46.01	1,989.39	-892.19	5,881.96	5,805.72	76.24	77.150		
13,900.00	7,850.00	7,447.00	7,345.16	154.88	27.74	46.01	1,989.39	-892.19	5,981.27	5,905.00	76.27	78.422		
14,000.00	7,850.00	7,447.00	7,345.16	157.50	27.74	46.01	1,989.39	-892.19	6,080.59	6,004.29	76.30	79.692		
14,100.00	7,850.00	7,447.00	7,345.16	160.12	27.74	46.01	1,989.39	-892.19	6,179.94	6,103.61	76.33	80.962		
14,200.00	7,850.00	7,447.00	7,345.16	162.74	27.74	46.01	1,989.39	-892.19	6,279.31	6,202.94	76.36	82.230		
14,300.00	7,850.00	7,447.00	7,345.16	165.36	27.74	46.01	1,989.39	-892.19	6,378.69	6,302.30	76.39	83.498		
14,400.00	7,850.00	7,447.00	7,345.16	167.99	27.74	46.01	1,989.39	-892.19	6,478.10	6,401.68	76.43	84.764		
14,500.00	7,850.00	7,447.00	7,345.16	170.62	27.74	46.01	1,989.39	-892.19	6,577.53	6,501.07	76.46	86.029		
14,600.00	7,850.00	7,447.00	7,345.16	173.25	27.74	46.01	1,989.39	-892.19	6,676.97	6,600.48	76.49	87.292		
14,700.00	7,850.00	7,447.00	7,345.16	175.88	27.74	46.01	1,989.39	-892.19	6,776.43	6,699.90	76.52	88.555		
14,800.00	7,850.00	7,447.00	7,345.16	178.52	27.74	46.01	1,989.39	-892.19	6,875.90	6,799.34	76.56	89.816		
14,900.00	7,850.00	7,447.00	7,345.16	181.15	27.74	46.01	1,989.39	-892.19	6,975.39	6,898.80	76.59	91.075		
15,000.00	7,850.00	7,447.00	7,345.16	183.79	27.74	46.01	1,989.39	-892.19	7,074.89	6,998.27	76.62	92.333		
15,100.00	7,850.00	7,447.00	7,345.16	186.43	27.74	46.01	1,989.39	-892.19	7,174.41	7,097.75	76.66	93.590		
15,200.00	7,850.00	7,447.00	7,345.16	189.07	27.74	46.01	1,989.39	-892.19	7,273.94	7,197.25	76.69	94.845		
15,300.00	7,850.00	7,447.00	7,345.16	191.71	27.74	46.01	1,989.39	-892.19	7,373.48	7,296.75	76.73	96.099		
15,400.00	7,850.00	7,447.00	7,345.16	194.36	27.74	46.01	1,989.39	-892.19	7,473.04	7,396.27	76.76	97.351		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,850.00	7,447.00	7,345.16	197.00	27.74	46.01	1,989.39	-892.19	7,572.60	7,495.81	76.80	98.602	
15,600.00	7,850.00	7,447.00	7,345.16	199.65	27.74	46.01	1,989.39	-892.19	7,672.18	7,595.35	76.84	99.851	
15,700.00	7,850.00	7,447.00	7,345.16	202.30	27.74	46.01	1,989.39	-892.19	7,771.77	7,694.90	76.87	101.098	
15,800.00	7,850.00	7,447.00	7,345.16	204.94	27.74	46.01	1,989.39	-892.19	7,871.37	7,794.46	76.91	102.344	
15,900.00	7,850.00	7,447.00	7,345.16	207.59	27.74	46.01	1,989.39	-892.19	7,970.98	7,894.03	76.95	103.587	
16,000.00	7,850.00	7,447.00	7,345.16	210.25	27.74	46.01	1,989.39	-892.19	8,070.60	7,993.61	76.99	104.830	
16,100.00	7,850.00	7,447.00	7,345.16	212.90	27.74	46.01	1,989.39	-892.19	8,170.23	8,093.20	77.03	106.070	
16,200.00	7,850.00	7,447.00	7,345.16	215.55	27.74	46.01	1,989.39	-892.19	8,269.87	8,192.80	77.07	107.308	
16,300.00	7,850.00	7,447.00	7,345.16	218.20	27.74	46.01	1,989.39	-892.19	8,369.51	8,292.41	77.11	108.545	
16,400.00	7,850.00	7,447.00	7,345.16	220.86	27.74	46.01	1,989.39	-892.19	8,469.17	8,392.02	77.15	109.780	
16,500.00	7,850.00	7,447.00	7,345.16	223.52	27.74	46.01	1,989.39	-892.19	8,568.83	8,491.64	77.19	111.013	
16,600.00	7,850.00	7,447.00	7,345.16	226.17	27.74	46.01	1,989.39	-892.19	8,668.50	8,591.27	77.23	112.244	
16,700.00	7,850.00	7,447.00	7,345.16	228.83	27.74	46.01	1,989.39	-892.19	8,768.18	8,690.91	77.27	113.473	
16,800.00	7,850.00	7,447.00	7,345.16	231.49	27.74	46.01	1,989.39	-892.19	8,867.86	8,790.55	77.31	114.700	
16,900.00	7,850.00	7,447.00	7,345.16	234.15	27.74	46.01	1,989.39	-892.19	8,967.56	8,890.20	77.36	115.926	
17,000.00	7,850.00	7,447.00	7,345.16	236.81	27.74	46.01	1,989.39	-892.19	9,067.25	8,989.85	77.40	117.149	
17,100.00	7,850.00	7,447.00	7,345.16	239.47	27.74	46.01	1,989.39	-892.19	9,166.96	9,089.52	77.44	118.370	
17,200.00	7,850.00	7,447.00	7,345.16	242.13	27.74	46.01	1,989.39	-892.19	9,266.67	9,189.18	77.49	119.589	
17,300.00	7,850.00	7,447.00	7,345.16	244.79	27.74	46.01	1,989.39	-892.19	9,366.39	9,288.86	77.53	120.806	
17,400.00	7,850.00	7,447.00	7,345.16	247.46	27.74	46.01	1,989.39	-892.19	9,466.11	9,388.54	77.58	122.021	
17,500.00	7,850.00	7,447.00	7,345.16	250.12	27.74	46.01	1,989.39	-892.19	9,565.84	9,488.22	77.62	123.234	
17,600.00	7,850.00	7,447.00	7,345.16	252.79	27.74	46.01	1,989.39	-892.19	9,665.58	9,587.91	77.67	124.445	
17,700.00	7,850.00	7,447.00	7,345.16	255.45	27.74	46.01	1,989.39	-892.19	9,765.32	9,687.60	77.72	125.653	
17,800.00	7,850.00	7,447.00	7,345.16	258.12	27.74	46.01	1,989.39	-892.19	9,865.06	9,787.30	77.76	126.859	
17,900.00	7,850.00	7,447.00	7,345.16	260.78	27.74	46.01	1,989.39	-892.19	9,964.82	9,887.00	77.81	128.064	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-37.25	1,385.34	-1,053.56	1,740.55					
100.00	100.00	79.55	79.55	0.13	0.19	-37.25	1,385.35	-1,053.55	1,740.45	1,740.12	0.33	5,286.027		
200.00	200.00	173.05	173.05	0.49	0.53	-37.25	1,385.57	-1,053.71	1,740.74	1,739.72	1.02	1,709.841		
300.00	299.98	274.06	274.06	0.85	0.88	-18.27	1,385.88	-1,053.98	1,739.49	1,737.75	1.74	1,002.413		
400.00	399.84	373.28	373.28	1.22	1.24	-18.36	1,386.17	-1,054.25	1,734.92	1,732.46	2.45	707.138		
500.00	499.45	472.80	472.79	1.59	1.59	-18.50	1,386.47	-1,054.61	1,727.10	1,723.92	3.18	543.884		
600.00	598.70	573.45	573.44	1.97	1.95	-18.71	1,386.68	-1,054.94	1,715.90	1,712.00	3.90	439.447		
700.00	697.47	672.98	672.98	2.38	2.30	-18.98	1,386.78	-1,055.39	1,701.43	1,696.80	4.63	367.279		
800.00	795.62	771.99	771.98	2.82	2.65	-19.33	1,386.74	-1,055.88	1,683.64	1,678.27	5.36	313.948		
900.00	893.06	869.81	869.80	3.29	3.00	-19.75	1,386.66	-1,056.39	1,662.63	1,656.54	6.10	272.753		
1,000.00	989.64	963.45	963.44	3.80	3.33	-20.23	1,386.57	-1,056.96	1,638.51	1,631.69	6.82	240.127		
1,100.00	1,085.27	1,060.65	1,060.63	4.35	3.68	-20.81	1,386.62	-1,057.57	1,611.40	1,603.83	7.58	212.724		
1,200.00	1,179.82	1,157.08	1,157.06	4.95	4.02	-21.49	1,386.44	-1,058.19	1,581.08	1,572.75	8.33	189.712		
1,300.00	1,273.63	1,252.40	1,252.39	5.58	4.36	-22.02	1,386.10	-1,058.87	1,548.84	1,539.75	9.09	170.297		
1,400.00	1,367.44	1,347.79	1,347.77	6.22	4.70	-22.55	1,385.68	-1,059.49	1,516.58	1,506.73	9.86	153.850		
1,500.00	1,461.25	1,439.89	1,439.86	6.87	5.02	-23.08	1,385.21	-1,060.16	1,484.43	1,473.81	10.62	139.788		
1,600.00	1,555.06	1,533.72	1,533.69	7.52	5.35	-23.64	1,384.80	-1,060.85	1,452.47	1,441.08	11.40	127.453		
1,700.00	1,648.86	1,628.35	1,628.32	8.18	5.69	-24.23	1,384.49	-1,061.37	1,420.61	1,408.43	12.18	116.599		
1,800.00	1,742.67	1,724.93	1,724.90	8.84	6.03	-24.85	1,384.18	-1,061.72	1,388.77	1,375.79	12.98	106.978		
1,900.00	1,836.48	1,815.08	1,815.05	9.51	6.35	-25.45	1,383.92	-1,062.01	1,357.07	1,343.30	13.77	98.550		
2,000.00	1,930.29	1,907.90	1,907.87	10.18	6.68	-26.10	1,383.64	-1,062.59	1,325.72	1,311.15	14.58	90.938		
2,100.00	2,024.10	2,001.29	2,001.26	10.85	7.02	-26.80	1,383.32	-1,063.28	1,294.58	1,279.18	15.40	84.078		
2,200.00	2,117.90	2,093.56	2,093.52	11.52	7.35	-27.52	1,383.02	-1,064.03	1,263.69	1,247.47	16.22	77.894		
2,300.00	2,211.71	2,189.06	2,189.02	12.19	7.68	-28.30	1,382.72	-1,064.85	1,233.05	1,215.98	17.06	72.259		
2,400.00	2,305.52	2,286.99	2,286.95	12.87	8.02	-29.12	1,382.63	-1,065.01	1,202.29	1,184.38	17.91	67.142		
2,500.00	2,399.33	2,379.92	2,379.88	13.54	8.34	-29.92	1,382.59	-1,065.02	1,171.67	1,152.92	18.75	62.487		
2,600.00	2,493.13	2,473.24	2,473.19	14.22	8.67	-30.78	1,382.60	-1,065.10	1,141.37	1,121.76	19.61	58.196		
2,700.00	2,586.94	2,568.11	2,568.07	14.89	8.99	-31.69	1,382.60	-1,065.09	1,111.25	1,090.77	20.48	54.261		
2,800.00	2,680.75	2,661.79	2,661.75	15.57	9.30	-32.63	1,382.60	-1,065.08	1,081.40	1,060.05	21.35	50.647		
2,900.00	2,774.56	2,755.98	2,755.94	16.25	9.62	-33.63	1,382.59	-1,065.03	1,051.81	1,029.57	22.24	47.293		
3,000.00	2,868.36	2,849.42	2,849.38	16.93	9.94	-34.68	1,382.62	-1,064.95	1,022.54	999.39	23.15	44.176		
3,100.00	2,962.17	2,942.84	2,942.79	17.61	10.26	-35.79	1,382.62	-1,064.96	993.67	969.59	24.08	41.269		
3,200.00	3,055.98	3,036.87	3,036.83	18.28	10.59	-36.96	1,382.64	-1,064.95	965.17	940.14	25.03	38.563		
3,300.00	3,149.79	3,130.52	3,130.48	18.96	10.91	-38.21	1,382.60	-1,064.97	937.07	911.08	26.00	36.044		
3,400.00	3,243.60	3,224.11	3,224.07	19.64	11.24	-39.52	1,382.65	-1,064.99	909.48	882.49	26.99	33.698		
3,500.00	3,337.40	3,318.69	3,318.65	20.32	11.56	-40.92	1,382.71	-1,064.93	882.32	854.32	28.00	31.513		
3,600.00	3,431.21	3,412.24	3,412.19	21.00	11.88	-42.39	1,382.70	-1,064.88	855.67	826.64	29.03	29.473		
3,700.00	3,525.02	3,505.20	3,505.15	21.68	12.20	-43.95	1,382.71	-1,064.91	829.70	799.60	30.10	27.567		
3,800.00	3,618.83	3,598.79	3,598.74	22.36	12.54	-45.61	1,382.69	-1,065.02	804.43	773.24	31.20	25.786		
3,900.00	3,712.63	3,693.03	3,692.99	23.04	12.87	-47.38	1,382.67	-1,065.13	779.89	747.56	32.32	24.127		
4,000.00	3,806.44	3,787.68	3,787.63	23.72	13.20	-49.26	1,382.65	-1,065.13	756.02	722.54	33.47	22.585		
4,100.00	3,900.25	3,881.19	3,881.15	24.41	13.52	-51.23	1,382.63	-1,065.11	733.01	698.36	34.65	21.156		
4,200.00	3,994.06	3,975.07	3,975.03	25.09	13.84	-53.33	1,382.56	-1,065.09	710.92	675.07	35.85	19.828		
4,300.00	4,087.86	4,067.86	4,067.82	25.77	14.17	-55.52	1,382.55	-1,065.16	689.98	652.88	37.10	18.600		
4,400.00	4,181.67	4,161.81	4,161.77	26.45	14.50	-57.85	1,382.60	-1,065.26	670.21	631.85	38.36	17.470		
4,500.00	4,275.48	4,255.96	4,255.91	27.13	14.83	-60.33	1,382.56	-1,065.34	651.65	612.00	39.66	16.433		
4,600.00	4,369.29	4,349.96	4,349.92	27.81	15.16	-62.93	1,382.48	-1,065.40	634.40	593.44	40.97	15.486		
4,700.00	4,463.10	4,443.91	4,443.86	28.49	15.49	-65.66	1,382.35	-1,065.43	618.60	576.31	42.29	14.629		
4,800.00	4,556.90	4,537.76	4,537.72	29.17	15.82	-68.50	1,382.29	-1,065.41	604.34	560.73	43.61	13.859		
4,900.00	4,650.71	4,630.47	4,630.42	29.86	16.14	-71.41	1,382.27	-1,065.53	591.90	546.98	44.92	13.177		
5,000.00	4,744.52	4,725.71	4,725.67	30.54	16.47	-74.51	1,382.32	-1,065.57	581.19	534.97	46.22	12.574		
5,100.00	4,838.33	4,819.51	4,819.46	31.22	16.79	-77.65	1,382.41	-1,065.52	572.26	524.78	47.48	12.052		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,932.13	4,913.19	4,913.15	31.90	17.12	-80.86	1,382.48	-1,065.49	565.35	516.64	48.71	11.607		
5,300.00	5,025.94	5,007.50	5,007.45	32.58	17.44	-84.16	1,382.51	-1,065.39	560.43	510.55	49.88	11.235		
5,400.00	5,119.75	5,100.47	5,100.42	33.26	17.76	-87.46	1,382.50	-1,065.36	557.69	506.70	50.99	10.936		
5,481.05	5,195.78	5,177.25	5,177.20	33.82	18.03	-90.19	1,382.55	-1,065.34	557.04	505.19	51.85	10.744		
5,500.00	5,213.56	5,196.08	5,196.04	33.95	18.10	-90.85	1,382.61	-1,065.32	557.06	505.02	52.04	10.704		
5,600.00	5,307.36	5,301.79	5,301.71	34.63	18.46	-94.43	1,384.81	-1,064.94	557.59	504.54	53.04	10.512		
5,700.00	5,401.17	5,425.79	5,425.42	35.31	18.89	-98.29	1,392.44	-1,061.65	556.38	502.42	53.96	10.311		
5,800.00	5,494.98	5,559.41	5,557.97	35.99	19.35	-102.35	1,405.65	-1,051.58	550.99	496.36	54.63	10.086		
5,900.00	5,588.79	5,685.57	5,681.98	36.68	19.79	-106.80	1,418.13	-1,032.22	540.68	485.63	55.06	9.820		
6,000.00	5,682.59	5,790.51	5,784.26	37.36	20.16	-111.07	1,427.37	-1,010.64	529.18	473.64	55.54	9.528		
6,100.00	5,776.40	5,886.52	5,877.40	38.04	20.51	-115.21	1,436.17	-989.10	518.83	462.82	56.02	9.262		
6,200.00	5,870.21	5,975.46	5,963.69	38.72	20.84	-119.17	1,444.29	-969.11	511.48	455.01	56.47	9.058		
6,300.00	5,964.02	6,069.43	6,055.01	39.40	21.19	-123.36	1,452.97	-948.72	507.67	450.95	56.72	8.950		
6,400.00	6,057.83	6,172.17	6,154.44	40.09	21.59	-127.99	1,463.89	-925.32	505.29	448.56	56.73	8.907		
6,480.74	6,133.57	6,250.75	6,230.24	40.64	21.90	-131.53	1,473.33	-906.88	504.49	447.76	56.73	8.893 CC, ES, SF		
6,500.00	6,151.63	6,268.58	6,247.43	40.77	21.97	-132.34	1,475.52	-902.67	504.55	447.81	56.73	8.893		
6,600.00	6,245.44	6,365.28	6,340.57	41.45	22.36	-136.69	1,487.65	-879.66	506.42	449.76	56.66	8.938		
6,700.00	6,339.25	6,470.94	6,441.82	42.13	22.80	-141.43	1,502.46	-853.37	509.70	453.30	56.41	9.036		
6,800.00	6,433.06	6,578.10	6,543.66	42.82	23.27	-146.22	1,520.42	-825.29	513.18	457.06	56.13	9.143		
6,900.00	6,526.86	6,689.76	6,648.51	43.50	23.77	-151.28	1,542.18	-793.68	516.75	460.96	55.79	9.263		
7,000.00	6,620.67	6,789.35	6,740.60	44.18	24.25	-155.99	1,563.74	-762.51	520.95	465.30	55.65	9.361		
7,100.00	6,714.48	6,882.65	6,825.86	44.86	24.72	-160.56	1,584.63	-730.90	527.69	472.02	55.67	9.479		
7,200.00	6,808.29	6,974.83	6,909.23	45.55	25.21	-165.16	1,605.73	-697.73	537.65	481.83	55.82	9.632		
7,300.00	6,902.09	7,068.74	6,993.15	46.23	25.73	-169.88	1,628.08	-662.00	550.75	494.62	56.13	9.812		
7,400.00	6,995.90	7,167.52	7,081.64	46.91	26.29	-174.52	1,652.75	-625.73	566.53	509.85	56.68	9.994		
7,500.00	7,089.71	7,339.51	7,243.61	47.59	27.11	-178.77	1,701.44	-599.08	578.11	520.70	57.41	10.070		
7,600.00	7,183.52	7,479.30	7,374.91	48.28	27.62	-179.45	1,748.01	-607.94	578.87	521.03	57.84	10.009		
7,700.00	7,277.41	7,583.78	7,470.53	48.95	27.91	-173.57	1,779.24	-635.49	576.07	517.53	58.54	9.841		
7,800.00	7,371.68	7,664.38	7,540.87	49.54	28.08	-149.73	1,797.80	-670.00	571.84	512.19	59.65	9.586		
7,852.60	7,420.69	7,696.82	7,568.02	49.79	28.14	-139.70	1,803.64	-686.75	570.92	510.55	60.37	9.457		
7,900.00	7,464.05	7,721.03	7,587.79	50.01	28.19	-132.65	1,807.35	-700.23	571.88	510.82	61.06	9.366		
8,000.00	7,551.70	7,760.35	7,618.84	50.36	28.25	-122.30	1,812.30	-723.82	581.73	519.30	62.44	9.317		
8,100.00	7,631.98	7,781.82	7,635.20	50.61	28.28	-114.44	1,814.52	-737.53	604.31	540.85	63.46	9.523		
8,200.00	7,702.44	7,788.94	7,640.54	50.75	28.29	-106.71	1,815.18	-742.21	639.66	575.61	64.05	9.986		
8,300.00	7,760.95	7,785.41	7,637.90	50.81	28.29	-98.36	1,814.86	-739.88	685.47	621.04	64.42	10.640		
8,400.00	7,805.72	7,773.97	7,629.27	50.80	28.27	-89.52	1,813.75	-732.45	738.32	673.53	64.79	11.395		
8,500.00	7,835.40	7,756.59	7,615.93	50.72	28.24	-80.85	1,811.88	-721.47	794.78	729.46	65.31	12.169		
8,600.00	7,849.08	7,730.00	7,594.99	50.60	28.20	-72.77	1,808.59	-705.43	851.80	785.94	65.86	12.934		
8,700.00	7,850.00	7,730.00	7,594.99	50.45	28.20	-70.95	1,808.59	-705.43	909.33	841.82	67.51	13.470		
8,800.00	7,850.00	7,691.49	7,563.61	50.32	28.13	-68.79	1,802.75	-683.89	971.23	903.46	67.77	14.331		
8,900.00	7,850.00	7,673.06	7,548.21	50.22	28.10	-67.78	1,799.46	-674.33	1,038.49	969.95	68.55	15.150		
9,000.00	7,850.00	7,636.00	7,516.55	50.15	28.03	-65.80	1,791.89	-656.62	1,110.46	1,041.76	68.71	16.162		
9,100.00	7,850.00	7,636.00	7,516.55	50.11	28.03	-65.80	1,791.89	-656.62	1,184.83	1,115.12	69.71	16.996		
9,200.00	7,850.00	7,636.00	7,516.55	50.12	28.03	-65.80	1,791.89	-656.62	1,262.74	1,192.21	70.54	17.902		
9,300.00	7,850.00	7,636.00	7,516.55	50.20	28.03	-65.80	1,791.89	-656.62	1,343.58	1,272.37	71.21	18.867		
9,400.00	7,850.00	7,636.00	7,516.55	50.42	28.03	-65.80	1,791.89	-656.62	1,426.85	1,355.08	71.77	19.880		
9,500.00	7,850.00	7,595.28	7,480.79	50.87	27.94	-63.72	1,782.21	-639.74	1,509.95	1,438.34	71.60	21.088		
9,600.00	7,850.00	7,586.20	7,472.70	51.72	27.92	-63.27	1,779.87	-636.37	1,595.90	1,523.99	71.91	22.193		
9,700.00	7,850.00	7,577.86	7,465.22	53.02	27.90	-62.86	1,777.66	-633.40	1,683.22	1,611.04	72.18	23.320		
9,800.00	7,850.00	7,542.00	7,432.74	54.65	27.82	-61.17	1,767.56	-622.07	1,772.74	1,700.68	72.06	24.602		
9,900.00	7,850.00	7,542.00	7,432.74	56.50	27.82	-61.17	1,767.56	-622.07	1,861.81	1,789.44	72.38	25.724		
10,000.00	7,850.00	7,542.00	7,432.74	58.48	27.82	-61.17	1,767.56	-622.07	1,951.95	1,879.30	72.65	26.869		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
10,100.00	7,850.00	7,542.00	7,432.74	60.55	27.82	61.17	1,767.56	-622.07	2,043.00	1,970.12	72.88	28.031		
10,200.00	7,850.00	7,542.00	7,432.74	62.69	27.82	61.17	1,767.56	-622.07	2,134.86	2,061.77	73.09	29.210		
10,300.00	7,850.00	7,542.00	7,432.74	64.88	27.82	61.17	1,767.56	-622.07	2,227.41	2,154.15	73.26	30.403		
10,400.00	7,850.00	7,542.00	7,432.74	67.11	27.82	61.17	1,767.56	-622.07	2,320.59	2,247.17	73.42	31.608		
10,500.00	7,850.00	7,542.00	7,432.74	69.38	27.82	61.17	1,767.56	-622.07	2,414.31	2,340.75	73.55	32.824		
10,600.00	7,850.00	7,542.00	7,432.74	71.68	27.82	61.17	1,767.56	-622.07	2,508.51	2,434.84	73.67	34.049		
10,700.00	7,850.00	7,542.00	7,432.74	74.00	27.82	61.17	1,767.56	-622.07	2,603.15	2,529.37	73.78	35.282		
10,800.00	7,850.00	7,542.00	7,432.74	76.36	27.82	61.17	1,767.56	-622.07	2,698.17	2,624.29	73.88	36.522		
10,900.00	7,850.00	7,542.00	7,432.74	78.73	27.82	61.17	1,767.56	-622.07	2,793.54	2,719.58	73.96	37.769		
11,000.00	7,850.00	7,542.00	7,432.74	81.13	27.82	61.17	1,767.56	-622.07	2,889.23	2,815.19	74.04	39.021		
11,100.00	7,850.00	7,542.00	7,432.74	83.54	27.82	61.17	1,767.56	-622.07	2,985.19	2,911.08	74.11	40.279		
11,200.00	7,850.00	7,542.00	7,432.74	85.97	27.82	61.17	1,767.56	-622.07	3,081.42	3,007.24	74.18	41.541		
11,300.00	7,850.00	7,500.32	7,394.42	88.42	27.69	59.34	1,754.78	-611.86	3,175.91	3,101.91	74.00	42.915		
11,400.00	7,850.00	7,497.50	7,391.81	90.88	27.68	59.22	1,753.89	-611.29	3,272.31	3,198.26	74.05	44.189		
11,500.00	7,850.00	7,494.82	7,389.32	93.35	27.67	59.10	1,753.03	-610.76	3,368.91	3,294.81	74.10	45.465		
11,600.00	7,850.00	7,492.27	7,386.96	95.83	27.66	59.00	1,752.22	-610.27	3,465.69	3,391.55	74.14	46.744		
11,700.00	7,850.00	7,489.84	7,384.70	98.33	27.66	58.89	1,751.43	-609.81	3,562.63	3,488.45	74.18	48.025		
11,800.00	7,850.00	7,448.00	7,345.73	100.83	27.53	57.22	1,737.54	-603.66	3,661.45	3,587.42	74.03	49.458		
11,900.00	7,850.00	7,448.00	7,345.73	103.35	27.53	57.22	1,737.54	-603.66	3,758.49	3,684.41	74.08	50.732		
12,000.00	7,850.00	7,448.00	7,345.73	105.87	27.53	57.22	1,737.54	-603.66	3,855.69	3,781.55	74.14	52.009		
12,100.00	7,850.00	7,448.00	7,345.73	108.40	27.53	57.22	1,737.54	-603.66	3,953.02	3,878.83	74.18	53.287		
12,200.00	7,850.00	7,448.00	7,345.73	110.94	27.53	57.22	1,737.54	-603.66	4,050.48	3,976.25	74.23	54.567		
12,300.00	7,850.00	7,448.00	7,345.73	113.48	27.53	57.22	1,737.54	-603.66	4,148.06	4,073.79	74.27	55.848		
12,400.00	7,850.00	7,448.00	7,345.73	116.04	27.53	57.22	1,737.54	-603.66	4,245.76	4,171.44	74.32	57.131		
12,500.00	7,850.00	7,448.00	7,345.73	118.59	27.53	57.22	1,737.54	-603.66	4,343.56	4,269.20	74.36	58.415		
12,600.00	7,850.00	7,448.00	7,345.73	121.16	27.53	57.22	1,737.54	-603.66	4,441.45	4,367.06	74.40	59.699		
12,700.00	7,850.00	7,448.00	7,345.73	123.73	27.53	57.22	1,737.54	-603.66	4,539.44	4,465.01	74.44	60.985		
12,800.00	7,850.00	7,448.00	7,345.73	126.30	27.53	57.22	1,737.54	-603.66	4,637.52	4,563.05	74.47	62.270		
12,900.00	7,850.00	7,448.00	7,345.73	128.88	27.53	57.22	1,737.54	-603.66	4,735.67	4,661.16	74.51	63.557		
13,000.00	7,850.00	7,448.00	7,345.73	131.46	27.53	57.22	1,737.54	-603.66	4,833.91	4,759.36	74.55	64.843		
13,100.00	7,850.00	7,448.00	7,345.73	134.05	27.53	57.22	1,737.54	-603.66	4,932.21	4,857.63	74.58	66.130		
13,200.00	7,850.00	7,448.00	7,345.73	136.64	27.53	57.22	1,737.54	-603.66	5,030.58	4,955.96	74.62	67.417		
13,300.00	7,850.00	7,448.00	7,345.73	139.24	27.53	57.22	1,737.54	-603.66	5,129.01	5,054.36	74.65	68.704		
13,400.00	7,850.00	7,448.00	7,345.73	141.84	27.53	57.22	1,737.54	-603.66	5,227.50	5,152.81	74.69	69.991		
13,500.00	7,850.00	7,448.00	7,345.73	144.44	27.53	57.22	1,737.54	-603.66	5,326.05	5,251.33	74.72	71.278		
13,600.00	7,850.00	7,448.00	7,345.73	147.05	27.53	57.22	1,737.54	-603.66	5,424.65	5,349.89	74.76	72.564		
13,700.00	7,850.00	7,448.00	7,345.73	149.66	27.53	57.22	1,737.54	-603.66	5,523.30	5,448.51	74.79	73.850		
13,800.00	7,850.00	7,448.00	7,345.73	152.27	27.53	57.22	1,737.54	-603.66	5,622.00	5,547.18	74.83	75.135		
13,900.00	7,850.00	7,448.00	7,345.73	154.88	27.53	57.22	1,737.54	-603.66	5,720.75	5,645.89	74.86	76.420		
14,000.00	7,850.00	7,448.00	7,345.73	157.50	27.53	57.22	1,737.54	-603.66	5,819.53	5,744.64	74.89	77.704		
14,100.00	7,850.00	7,448.00	7,345.73	160.12	27.53	57.22	1,737.54	-603.66	5,918.36	5,843.43	74.93	78.987		
14,200.00	7,850.00	7,448.00	7,345.73	162.74	27.53	57.22	1,737.54	-603.66	6,017.23	5,942.27	74.96	80.270		
14,300.00	7,850.00	7,448.00	7,345.73	165.36	27.53	57.22	1,737.54	-603.66	6,116.13	6,041.14	75.00	81.552		
14,400.00	7,850.00	7,448.00	7,345.73	167.99	27.53	57.22	1,737.54	-603.66	6,215.07	6,140.04	75.03	82.833		
14,500.00	7,850.00	7,448.00	7,345.73	170.62	27.53	57.22	1,737.54	-603.66	6,314.04	6,238.98	75.07	84.113		
14,600.00	7,850.00	7,448.00	7,345.73	173.25	27.53	57.22	1,737.54	-603.66	6,413.05	6,337.95	75.10	85.392		
14,700.00	7,850.00	7,448.00	7,345.73	175.88	27.53	57.22	1,737.54	-603.66	6,512.08	6,436.95	75.14	86.669		
14,800.00	7,850.00	7,448.00	7,345.73	178.52	27.53	57.22	1,737.54	-603.66	6,611.15	6,535.97	75.17	87.946		
14,900.00	7,850.00	7,448.00	7,345.73	181.15	27.53	57.22	1,737.54	-603.66	6,710.24	6,635.03	75.21	89.222		
15,000.00	7,850.00	7,448.00	7,345.73	183.79	27.53	57.22	1,737.54	-603.66	6,809.35	6,734.11	75.24	90.496		
15,100.00	7,850.00	7,448.00	7,345.73	186.43	27.53	57.22	1,737.54	-603.66	6,908.50	6,833.22	75.28	91.769		
15,200.00	7,850.00	7,448.00	7,345.73	189.07	27.53	57.22	1,737.54	-603.66	7,007.67	6,932.35	75.32	93.041		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,300.00	7,850.00	7,448.00	7,345.73	191.71	27.53	57.22	1,737.54	-603.66	7,106.86	7,031.50	75.36	94.311	
15,400.00	7,850.00	7,448.00	7,345.73	194.36	27.53	57.22	1,737.54	-603.66	7,206.07	7,130.68	75.39	95.580	
15,500.00	7,850.00	7,448.00	7,345.73	197.00	27.53	57.22	1,737.54	-603.66	7,305.30	7,229.87	75.43	96.848	
15,600.00	7,850.00	7,448.00	7,345.73	199.65	27.53	57.22	1,737.54	-603.66	7,404.56	7,329.09	75.47	98.114	
15,700.00	7,850.00	7,448.00	7,345.73	202.30	27.53	57.22	1,737.54	-603.66	7,503.84	7,428.33	75.51	99.378	
15,800.00	7,850.00	7,448.00	7,345.73	204.94	27.53	57.22	1,737.54	-603.66	7,603.13	7,527.58	75.55	100.641	
15,900.00	7,850.00	7,448.00	7,345.73	207.59	27.53	57.22	1,737.54	-603.66	7,702.44	7,626.86	75.59	101.903	
16,000.00	7,850.00	7,448.00	7,345.73	210.25	27.53	57.22	1,737.54	-603.66	7,801.77	7,726.15	75.63	103.163	
16,100.00	7,850.00	7,448.00	7,345.73	212.90	27.53	57.22	1,737.54	-603.66	7,901.12	7,825.45	75.67	104.421	
16,200.00	7,850.00	7,448.00	7,345.73	215.55	27.53	57.22	1,737.54	-603.66	8,000.48	7,924.77	75.71	105.677	
16,300.00	7,850.00	7,448.00	7,345.73	218.20	27.53	57.22	1,737.54	-603.66	8,099.86	8,024.11	75.75	106.932	
16,400.00	7,850.00	7,448.00	7,345.73	220.86	27.53	57.22	1,737.54	-603.66	8,199.25	8,123.47	75.79	108.184	
16,500.00	7,850.00	7,448.00	7,345.73	223.52	27.53	57.22	1,737.54	-603.66	8,298.66	8,222.83	75.83	109.435	
16,600.00	7,850.00	7,448.00	7,345.73	226.17	27.53	57.22	1,737.54	-603.66	8,398.09	8,322.21	75.87	110.685	
16,700.00	7,850.00	7,448.00	7,345.73	228.83	27.53	57.22	1,737.54	-603.66	8,497.52	8,421.60	75.92	111.932	
16,800.00	7,850.00	7,448.00	7,345.73	231.49	27.53	57.22	1,737.54	-603.66	8,596.97	8,521.01	75.96	113.177	
16,900.00	7,850.00	7,448.00	7,345.73	234.15	27.53	57.22	1,737.54	-603.66	8,696.43	8,620.43	76.00	114.421	
17,000.00	7,850.00	7,448.00	7,345.73	236.81	27.53	57.22	1,737.54	-603.66	8,795.91	8,719.86	76.05	115.662	
17,100.00	7,850.00	7,448.00	7,345.73	239.47	27.53	57.22	1,737.54	-603.66	8,895.39	8,819.30	76.09	116.902	
17,200.00	7,850.00	7,448.00	7,345.73	242.13	27.53	57.22	1,737.54	-603.66	8,994.89	8,918.75	76.14	118.139	
17,300.00	7,850.00	7,448.00	7,345.73	244.79	27.53	57.22	1,737.54	-603.66	9,094.40	9,018.21	76.18	119.375	
17,400.00	7,850.00	7,448.00	7,345.73	247.46	27.53	57.22	1,737.54	-603.66	9,193.92	9,117.69	76.23	120.608	
17,500.00	7,850.00	7,448.00	7,345.73	250.12	27.53	57.22	1,737.54	-603.66	9,293.45	9,217.17	76.28	121.840	
17,600.00	7,850.00	7,448.00	7,345.73	252.79	27.53	57.22	1,737.54	-603.66	9,392.99	9,316.66	76.32	123.069	
17,700.00	7,850.00	7,448.00	7,345.73	255.45	27.53	57.22	1,737.54	-603.66	9,492.53	9,416.16	76.37	124.296	
17,800.00	7,850.00	7,448.00	7,345.73	258.12	27.53	57.22	1,737.54	-603.66	9,592.09	9,515.67	76.42	125.521	
17,900.00	7,850.00	7,448.00	7,345.73	260.78	27.53	57.22	1,737.54	-603.66	9,691.66	9,615.19	76.47	126.744	
18,000.00	7,850.00	7,448.00	7,345.73	263.45	27.53	57.22	1,737.54	-603.66	9,791.24	9,714.72	76.52	127.965	
18,100.00	7,850.00	7,448.00	7,345.73	266.12	27.53	57.22	1,737.54	-603.66	9,890.82	9,814.26	76.56	129.183	
18,200.00	7,850.00	7,448.00	7,345.73	268.79	27.53	57.22	1,737.54	-603.66	9,990.41	9,913.80	76.61	130.399	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-36.18	1,385.34	-1,013.34	1,716.50					
100.00	100.00	76.03	76.03	0.13	0.18	-36.19	1,385.35	-1,013.44	1,716.47	1,716.16	0.32	5,404.028		
200.00	200.00	176.45	176.45	0.49	0.54	-36.20	1,385.43	-1,013.89	1,716.80	1,715.77	1.04	1,658.150		
300.00	299.98	280.08	280.08	0.85	0.91	-17.22	1,385.53	-1,014.02	1,715.29	1,713.52	1.76	974.084		
400.00	399.84	380.50	380.50	1.22	1.26	-17.30	1,385.58	-1,013.95	1,710.29	1,707.81	2.47	691.683		
500.00	499.45	477.92	477.92	1.59	1.60	-17.43	1,385.69	-1,013.91	1,702.03	1,698.85	3.18	535.065		
600.00	598.70	575.65	575.65	1.97	1.95	-17.62	1,385.91	-1,013.94	1,690.60	1,686.70	3.90	433.612		
700.00	697.47	680.35	680.35	2.38	2.31	-17.88	1,386.15	-1,013.85	1,675.82	1,671.18	4.64	360.991		
800.00	795.62	786.04	786.03	2.82	2.68	-18.20	1,386.05	-1,013.30	1,657.26	1,651.88	5.39	307.665		
900.00	893.06	886.10	886.09	3.29	3.02	-18.57	1,385.81	-1,012.48	1,635.20	1,629.08	6.12	267.319		
1,000.00	989.64	978.19	978.18	3.80	3.34	-19.01	1,385.52	-1,011.89	1,609.99	1,603.16	6.83	235.743		
1,100.00	1,085.27	1,069.69	1,069.68	4.35	3.66	-19.53	1,385.43	-1,011.48	1,581.92	1,574.37	7.55	209.471		
1,200.00	1,179.82	1,165.27	1,165.26	4.95	4.00	-20.14	1,385.38	-1,011.16	1,550.87	1,542.57	8.30	186.831		
1,300.00	1,273.63	1,253.73	1,253.72	5.58	4.31	-20.59	1,385.47	-1,010.83	1,518.05	1,509.01	9.03	168.042		
1,400.00	1,367.44	1,347.13	1,347.11	6.22	4.65	-21.04	1,385.74	-1,010.62	1,485.50	1,475.71	9.79	151.794		
1,500.00	1,461.25	1,442.13	1,442.12	6.87	4.98	-21.52	1,385.91	-1,010.46	1,452.99	1,442.44	10.55	137.688		
1,600.00	1,555.06	1,534.39	1,534.37	7.52	5.31	-22.01	1,386.04	-1,010.37	1,420.59	1,409.27	11.32	125.515		
1,700.00	1,648.86	1,630.29	1,630.28	8.18	5.65	-22.55	1,386.18	-1,010.27	1,388.30	1,376.19	12.10	114.720		
1,800.00	1,742.67	1,728.53	1,728.52	8.84	6.00	-23.11	1,386.28	-1,009.85	1,355.88	1,342.98	12.90	105.122		
1,900.00	1,836.48	1,820.58	1,820.56	9.51	6.33	-23.66	1,386.40	-1,009.25	1,323.47	1,309.79	13.68	96.716		
2,000.00	1,930.29	1,912.62	1,912.61	10.18	6.66	-24.24	1,386.58	-1,008.80	1,291.32	1,276.84	14.48	89.189		
2,100.00	2,024.10	2,005.64	2,005.62	10.85	6.99	-24.86	1,386.79	-1,008.45	1,259.39	1,244.11	15.28	82.400		
2,200.00	2,117.90	2,099.91	2,099.89	11.52	7.33	-25.52	1,386.95	-1,008.17	1,227.63	1,211.53	16.10	76.248		
2,300.00	2,211.71	2,193.04	2,193.02	12.19	7.66	-26.21	1,387.09	-1,007.92	1,196.02	1,179.09	16.92	70.674		
2,400.00	2,305.52	2,286.16	2,286.14	12.87	7.99	-26.94	1,387.15	-1,007.85	1,164.65	1,146.90	17.75	65.609		
2,500.00	2,399.33	2,380.23	2,380.21	13.54	8.31	-27.73	1,387.13	-1,007.88	1,133.48	1,114.90	18.58	60.993		
2,600.00	2,493.13	2,474.28	2,474.26	14.22	8.64	-28.55	1,387.12	-1,007.85	1,102.49	1,083.06	19.43	56.741		
2,700.00	2,586.94	2,567.58	2,567.56	14.89	8.97	-29.42	1,387.16	-1,007.81	1,071.75	1,051.45	20.29	52.812		
2,800.00	2,680.75	2,661.56	2,661.54	15.57	9.30	-30.34	1,387.18	-1,007.80	1,041.26	1,020.09	21.17	49.183		
2,900.00	2,774.56	2,755.36	2,755.34	16.25	9.64	-31.32	1,387.18	-1,007.80	1,011.03	988.96	22.06	45.825		
3,000.00	2,868.36	2,849.16	2,849.14	16.93	9.97	-32.35	1,387.21	-1,007.78	981.09	958.12	22.97	42.711		
3,100.00	2,962.17	2,942.79	2,942.77	17.61	10.30	-33.44	1,387.26	-1,007.75	951.48	927.58	23.89	39.820		
3,200.00	3,055.98	3,036.37	3,036.35	18.28	10.63	-34.59	1,387.31	-1,007.76	922.25	897.42	24.83	37.139		
3,300.00	3,149.79	3,130.59	3,130.57	18.96	10.96	-35.83	1,387.37	-1,007.72	893.37	867.58	25.79	34.638		
3,400.00	3,243.60	3,223.92	3,223.90	19.64	11.29	-37.13	1,387.42	-1,007.73	864.94	838.17	26.77	32.311		
3,500.00	3,337.40	3,317.76	3,317.74	20.32	11.61	-38.53	1,387.45	-1,007.78	837.00	809.23	27.77	30.143		
3,600.00	3,431.21	3,412.02	3,412.00	21.00	11.94	-40.03	1,387.46	-1,007.79	809.53	780.73	28.80	28.112		
3,700.00	3,525.02	3,505.93	3,505.91	21.68	12.27	-41.62	1,387.46	-1,007.79	782.61	752.76	29.86	26.212		
3,800.00	3,618.83	3,599.98	3,599.96	22.36	12.60	-43.32	1,387.42	-1,007.78	756.29	725.35	30.94	24.442		
3,900.00	3,712.63	3,693.53	3,693.51	23.04	12.91	-45.13	1,387.34	-1,007.79	730.68	698.63	32.05	22.796		
4,000.00	3,806.44	3,787.45	3,787.43	23.72	13.23	-47.07	1,387.23	-1,007.83	705.85	672.65	33.20	21.263		
4,100.00	3,900.25	3,881.35	3,881.33	24.41	13.55	-49.14	1,387.09	-1,007.85	681.86	647.48	34.38	19.835		
4,200.00	3,994.06	3,974.70	3,974.68	25.09	13.87	-51.33	1,387.00	-1,007.88	658.86	623.27	35.59	18.512		
4,300.00	4,087.86	4,068.46	4,068.44	25.77	14.18	-53.67	1,386.95	-1,007.93	636.95	600.11	36.84	17.291		
4,400.00	4,181.67	4,162.02	4,162.00	26.45	14.50	-56.15	1,386.92	-1,007.98	616.23	578.11	38.12	16.166		
4,500.00	4,275.48	4,255.39	4,255.37	27.13	14.82	-58.78	1,386.95	-1,008.10	596.88	557.45	39.43	15.138		
4,600.00	4,369.29	4,349.86	4,349.84	27.81	15.15	-61.60	1,386.88	-1,008.20	578.90	538.14	40.77	14.200		
4,700.00	4,463.10	4,443.45	4,443.43	28.49	15.47	-64.56	1,386.76	-1,008.26	562.46	520.34	42.12	13.354		
4,800.00	4,556.90	4,536.57	4,536.55	29.17	15.79	-67.68	1,386.35	-1,008.50	547.87	504.39	43.48	12.599		
4,900.00	4,650.71	4,633.89	4,633.87	29.86	16.13	-71.03	1,386.51	-1,008.30	534.75	489.91	44.84	11.925		
5,000.00	4,744.52	4,725.62	4,725.60	30.54	16.45	-74.31	1,386.80	-1,008.09	523.57	477.39	46.18	11.338		
5,100.00	4,838.33	4,819.46	4,819.43	31.22	16.78	-77.79	1,386.94	-1,008.05	514.64	467.16	47.48	10.838		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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		
5,200.00	4,932.13	4,913.51	4,913.49	31.90	17.11	-81.37	1,387.11	-1,007.98	507.87	459.13	48.74	10.421		
5,300.00	5,025.94	5,006.53	5,006.50	32.58	17.44	-85.00	1,387.17	-1,007.97	503.46	453.55	49.91	10.086		
5,400.00	5,119.75	5,100.57	5,100.55	33.26	17.76	-88.71	1,387.13	-1,007.98	501.45	450.44	51.01	9.830		
5,435.21	5,152.78	5,133.66	5,133.64	33.50	17.88	-90.02	1,387.12	-1,007.97	501.31	449.93	51.38	9.757 CC		
5,500.00	5,213.56	5,194.46	5,194.43	33.95	18.09	-92.43	1,387.10	-1,007.95	501.80	449.78	52.02	9.646 ES		
5,600.00	5,307.36	5,288.48	5,288.45	34.63	18.41	-96.14	1,387.03	-1,007.95	504.59	451.66	52.93	9.533		
5,700.00	5,401.17	5,392.08	5,392.05	35.31	18.78	-100.15	1,387.50	-1,007.22	508.92	455.13	53.79	9.462		
5,800.00	5,494.98	5,506.79	5,506.66	35.99	19.18	-104.50	1,390.02	-1,003.26	512.43	457.87	54.56	9.392		
5,900.00	5,588.79	5,615.59	5,615.13	36.68	19.57	-108.69	1,393.60	-995.71	514.91	459.73	55.18	9.331		
6,000.00	5,682.59	5,720.32	5,719.28	37.36	19.94	-112.88	1,397.11	-985.25	517.49	461.82	55.67	9.296		
6,100.00	5,776.40	5,819.25	5,817.40	38.04	20.29	-116.94	1,400.52	-973.11	520.97	464.92	56.05	9.295 SF		
6,200.00	5,870.21	5,922.25	5,919.25	38.72	20.66	-121.30	1,403.72	-958.13	525.95	469.67	56.28	9.346		
6,300.00	5,964.02	6,017.88	6,013.40	39.40	21.01	-125.47	1,406.55	-941.63	532.31	475.90	56.41	9.437		
6,400.00	6,057.83	6,114.57	6,108.33	40.09	21.37	-129.71	1,409.25	-923.47	541.02	484.59	56.43	9.588		
6,500.00	6,151.63	6,208.27	6,199.82	40.77	21.72	-133.93	1,411.34	-903.37	552.04	495.70	56.34	9.798		
6,600.00	6,245.44	6,301.04	6,289.77	41.45	22.08	-138.21	1,412.63	-880.74	565.85	509.69	56.16	10.075		
6,700.00	6,339.25	6,387.09	6,372.75	42.13	22.42	-142.18	1,413.29	-857.94	582.92	526.98	55.93	10.421		
6,800.00	6,433.06	6,491.04	6,472.82	42.82	22.84	-146.75	1,414.69	-829.87	602.78	547.07	55.71	10.820		
6,900.00	6,526.86	6,603.71	6,580.90	43.50	23.31	-151.38	1,420.33	-798.61	622.34	566.78	55.57	11.200		
7,000.00	6,620.67	6,709.21	6,681.14	44.18	23.76	-155.62	1,428.66	-766.81	641.87	586.37	55.50	11.566		
7,100.00	6,714.48	6,817.78	6,783.01	44.86	24.25	-159.96	1,440.05	-731.03	661.69	606.18	55.51	11.920		
7,200.00	6,808.29	6,916.68	6,874.62	45.55	24.72	-163.88	1,453.12	-696.14	681.86	626.22	55.64	12.255		
7,300.00	6,902.09	6,999.45	6,951.21	46.23	25.12	-167.01	1,464.18	-666.77	704.79	648.94	55.85	12.619		
7,400.00	6,995.90	7,084.43	7,031.10	46.91	25.52	-169.79	1,474.66	-639.81	730.74	674.55	56.19	13.005		
7,500.00	7,089.71	7,190.32	7,134.66	47.59	25.97	-171.82	1,485.86	-621.82	757.79	700.91	56.88	13.323		
7,600.00	7,183.52	7,333.24	7,276.39	48.28	26.47	-172.78	1,502.63	-619.25	781.57	723.65	57.92	13.494		
7,700.00	7,277.41	7,431.24	7,371.97	48.95	26.75	-178.65	1,513.73	-636.65	801.46	742.74	58.72	13.649		
7,800.00	7,371.68	7,528.67	7,461.74	49.54	26.99	-151.97	1,520.18	-673.63	820.08	760.36	59.72	13.732		
7,900.00	7,464.05	7,662.97	7,572.36	50.01	27.32	-136.09	1,530.24	-748.59	836.96	775.37	61.59	13.589		
8,000.00	7,551.70	7,748.35	7,633.40	50.36	27.56	-126.71	1,541.01	-807.21	856.22	792.74	63.48	13.488		
8,100.00	7,631.98	7,732.00	7,622.31	50.61	27.52	-115.11	1,538.66	-795.43	884.77	821.15	63.63	13.905		
8,200.00	7,702.44	7,732.00	7,622.31	50.75	27.52	-106.48	1,538.66	-795.43	921.81	857.83	63.97	14.409		
8,300.00	7,760.95	7,732.00	7,622.31	50.81	27.52	-98.78	1,538.66	-795.43	965.37	900.94	64.43	14.984		
8,400.00	7,805.72	7,724.27	7,616.97	50.80	27.49	-91.22	1,537.60	-789.95	1,013.35	948.47	64.88	15.619		
8,500.00	7,835.40	7,685.62	7,589.29	50.72	27.38	-82.79	1,532.73	-763.42	1,062.72	997.97	64.75	16.413		
8,600.00	7,849.08	7,642.32	7,556.49	50.60	27.26	-75.56	1,528.21	-735.53	1,110.52	1,045.75	64.77	17.147		
8,700.00	7,850.00	7,605.09	7,526.81	50.45	27.17	-72.54	1,525.03	-713.29	1,156.80	1,091.62	65.17	17.750		
8,800.00	7,850.00	7,573.64	7,500.67	50.32	27.10	-71.18	1,522.77	-695.96	1,207.51	1,141.78	65.72	18.372		
8,900.00	7,850.00	7,543.00	7,474.33	50.22	27.02	-69.83	1,520.96	-680.42	1,262.89	1,196.64	66.26	19.061		
9,000.00	7,850.00	7,543.00	7,474.33	50.15	27.02	-69.83	1,520.96	-680.42	1,322.88	1,255.47	67.41	19.625		
9,100.00	7,850.00	7,513.16	7,447.91	50.11	26.95	-68.50	1,519.29	-666.66	1,386.52	1,318.70	67.83	20.443		
9,200.00	7,850.00	7,499.42	7,435.50	50.12	26.92	-67.88	1,518.46	-660.82	1,454.03	1,385.54	68.50	21.228		
9,300.00	7,850.00	7,487.05	7,424.21	50.20	26.89	-67.33	1,517.68	-655.83	1,524.76	1,455.65	69.11	22.063		
9,400.00	7,850.00	7,449.00	7,388.82	50.42	26.80	-65.63	1,515.10	-642.12	1,599.12	1,529.90	69.22	23.100		
9,500.00	7,850.00	7,449.00	7,388.82	50.87	26.80	-65.63	1,515.10	-642.12	1,674.71	1,604.80	69.91	23.956		
9,600.00	7,850.00	7,449.00	7,388.82	51.72	26.80	-65.63	1,515.10	-642.12	1,752.74	1,682.24	70.50	24.862		
9,700.00	7,850.00	7,449.00	7,388.82	53.02	26.80	-65.63	1,515.10	-642.12	1,832.90	1,761.89	71.01	25.812		
9,800.00	7,850.00	7,449.00	7,388.82	54.65	26.80	-65.63	1,515.10	-642.12	1,914.94	1,843.48	71.45	26.799		
9,900.00	7,850.00	7,449.00	7,388.82	56.50	26.80	-65.63	1,515.10	-642.12	1,998.61	1,926.77	71.84	27.820		
10,000.00	7,850.00	7,449.00	7,388.82	58.48	26.80	-65.63	1,515.10	-642.12	2,083.72	2,011.54	72.18	28.869		
10,100.00	7,850.00	7,449.00	7,388.82	60.55	26.80	-65.63	1,515.10	-642.12	2,170.10	2,097.63	72.47	29.944		
10,200.00	7,850.00	7,449.00	7,388.82	62.69	26.80	-65.63	1,515.10	-642.12	2,257.61	2,184.88	72.73	31.040		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	7,850.00	7,449.00	7,388.82	64.88	26.80	65.63	1,515.10	-642.12	2,346.11	2,273.15	72.96	32.157		
10,400.00	7,850.00	7,449.00	7,388.82	67.11	26.80	65.63	1,515.10	-642.12	2,435.51	2,362.35	73.16	33.290		
10,500.00	7,850.00	7,449.00	7,388.82	69.38	26.80	65.63	1,515.10	-642.12	2,525.70	2,452.36	73.34	34.439		
10,600.00	7,850.00	7,407.97	7,349.62	71.68	26.69	63.83	1,511.61	-630.56	2,614.25	2,541.04	73.21	35.711		
10,700.00	7,850.00	7,404.84	7,346.59	74.00	26.68	63.70	1,511.30	-629.83	2,705.43	2,632.09	73.34	36.888		
10,800.00	7,850.00	7,401.89	7,343.73	76.36	26.67	63.57	1,511.00	-629.17	2,797.19	2,723.73	73.46	38.075		
10,900.00	7,850.00	7,399.11	7,341.04	78.73	26.67	63.45	1,510.72	-628.56	2,889.48	2,815.90	73.58	39.271		
11,000.00	7,850.00	7,396.49	7,338.49	81.13	26.66	63.34	1,510.44	-628.01	2,982.24	2,908.56	73.68	40.476		
11,100.00	7,850.00	7,354.00	7,296.88	83.54	26.54	61.55	1,505.36	-621.22	3,077.63	3,004.09	73.55	41.847		
11,200.00	7,850.00	7,354.00	7,296.88	85.97	26.54	61.55	1,505.36	-621.22	3,170.98	3,097.32	73.66	43.052		
11,300.00	7,850.00	7,354.00	7,296.88	88.42	26.54	61.55	1,505.36	-621.22	3,264.71	3,190.96	73.76	44.264		
11,400.00	7,850.00	7,354.00	7,296.88	90.88	26.54	61.55	1,505.36	-621.22	3,358.81	3,284.96	73.85	45.482		
11,500.00	7,850.00	7,354.00	7,296.88	93.35	26.54	61.55	1,505.36	-621.22	3,453.24	3,379.31	73.93	46.707		
11,600.00	7,850.00	7,354.00	7,296.88	95.83	26.54	61.55	1,505.36	-621.22	3,547.97	3,473.96	74.01	47.937		
11,700.00	7,850.00	7,354.00	7,296.88	98.33	26.54	61.55	1,505.36	-621.22	3,642.99	3,568.90	74.09	49.172		
11,800.00	7,850.00	7,354.00	7,296.88	100.83	26.54	61.55	1,505.36	-621.22	3,738.27	3,664.11	74.15	50.412		
11,900.00	7,850.00	7,354.00	7,296.88	103.35	26.54	61.55	1,505.36	-621.22	3,833.78	3,759.56	74.22	51.655		
12,000.00	7,850.00	7,354.00	7,296.88	105.87	26.54	61.55	1,505.36	-621.22	3,929.52	3,855.24	74.28	52.902		
12,100.00	7,850.00	7,354.00	7,296.88	108.40	26.54	61.55	1,505.36	-621.22	4,025.47	3,951.13	74.34	54.152		
12,200.00	7,850.00	7,354.00	7,296.88	110.94	26.54	61.55	1,505.36	-621.22	4,121.61	4,047.22	74.39	55.405		
12,300.00	7,850.00	7,354.00	7,296.88	113.48	26.54	61.55	1,505.36	-621.22	4,217.93	4,143.49	74.44	56.660		
12,400.00	7,850.00	7,354.00	7,296.88	116.04	26.54	61.55	1,505.36	-621.22	4,314.42	4,239.92	74.49	57.918		
12,500.00	7,850.00	7,354.00	7,296.88	118.59	26.54	61.55	1,505.36	-621.22	4,411.06	4,336.52	74.54	59.178		
12,600.00	7,850.00	7,354.00	7,296.88	121.16	26.54	61.55	1,505.36	-621.22	4,507.85	4,433.27	74.58	60.440		
12,700.00	7,850.00	7,354.00	7,296.88	123.73	26.54	61.55	1,505.36	-621.22	4,604.78	4,530.15	74.63	61.703		
12,800.00	7,850.00	7,354.00	7,296.88	126.30	26.54	61.55	1,505.36	-621.22	4,701.83	4,627.16	74.67	62.968		
12,900.00	7,850.00	7,354.00	7,296.88	128.88	26.54	61.55	1,505.36	-621.22	4,799.01	4,724.30	74.71	64.234		
13,000.00	7,850.00	7,354.00	7,296.88	131.46	26.54	61.55	1,505.36	-621.22	4,896.30	4,821.55	74.75	65.502		
13,100.00	7,850.00	7,354.00	7,296.88	134.05	26.54	61.55	1,505.36	-621.22	4,993.70	4,918.91	74.79	66.770		
13,200.00	7,850.00	7,354.00	7,296.88	136.64	26.54	61.55	1,505.36	-621.22	5,091.19	5,016.37	74.83	68.038		
13,300.00	7,850.00	7,354.00	7,296.88	139.24	26.54	61.55	1,505.36	-621.22	5,188.79	5,113.92	74.87	69.308		
13,400.00	7,850.00	7,354.00	7,296.88	141.84	26.54	61.55	1,505.36	-621.22	5,286.47	5,211.57	74.90	70.578		
13,500.00	7,850.00	7,354.00	7,296.88	144.44	26.54	61.55	1,505.36	-621.22	5,384.24	5,309.30	74.94	71.848		
13,600.00	7,850.00	7,354.00	7,296.88	147.05	26.54	61.55	1,505.36	-621.22	5,482.09	5,407.11	74.98	73.119		
13,700.00	7,850.00	7,354.00	7,296.88	149.66	26.54	61.55	1,505.36	-621.22	5,580.01	5,505.00	75.01	74.389		
13,800.00	7,850.00	7,354.00	7,296.88	152.27	26.54	61.55	1,505.36	-621.22	5,678.01	5,602.96	75.05	75.660		
13,900.00	7,850.00	7,354.00	7,296.88	154.88	26.54	61.55	1,505.36	-621.22	5,776.08	5,700.99	75.08	76.930		
14,000.00	7,850.00	7,354.00	7,296.88	157.50	26.54	61.55	1,505.36	-621.22	5,874.21	5,799.09	75.12	78.201		
14,100.00	7,850.00	7,354.00	7,296.88	160.12	26.54	61.55	1,505.36	-621.22	5,972.40	5,897.25	75.15	79.471		
14,200.00	7,850.00	7,354.00	7,296.88	162.74	26.54	61.55	1,505.36	-621.22	6,070.65	5,995.47	75.19	80.741		
14,300.00	7,850.00	7,354.00	7,296.88	165.36	26.54	61.55	1,505.36	-621.22	6,168.96	6,093.74	75.22	82.010		
14,400.00	7,850.00	7,354.00	7,296.88	167.99	26.54	61.55	1,505.36	-621.22	6,267.32	6,192.07	75.26	83.279		
14,500.00	7,850.00	7,354.00	7,296.88	170.62	26.54	61.55	1,505.36	-621.22	6,365.74	6,290.44	75.29	84.547		
14,600.00	7,850.00	7,354.00	7,296.88	173.25	26.54	61.55	1,505.36	-621.22	6,464.20	6,388.87	75.33	85.814		
14,700.00	7,850.00	7,354.00	7,296.88	175.88	26.54	61.55	1,505.36	-621.22	6,562.71	6,487.34	75.36	87.081		
14,800.00	7,850.00	7,354.00	7,296.88	178.52	26.54	61.55	1,505.36	-621.22	6,661.26	6,585.86	75.40	88.347		
14,900.00	7,850.00	7,354.00	7,296.88	181.15	26.54	61.55	1,505.36	-621.22	6,759.86	6,684.42	75.43	89.612		
15,000.00	7,850.00	7,354.00	7,296.88	183.79	26.54	61.55	1,505.36	-621.22	6,858.49	6,783.02	75.47	90.877		
15,100.00	7,850.00	7,354.00	7,296.88	186.43	26.54	61.55	1,505.36	-621.22	6,957.17	6,881.66	75.51	92.140		
15,200.00	7,850.00	7,354.00	7,296.88	189.07	26.54	61.55	1,505.36	-621.22	7,055.88	6,980.34	75.54	93.402		
15,300.00	7,850.00	7,354.00	7,296.88	191.71	26.54	61.55	1,505.36	-621.22	7,154.63	7,079.05	75.58	94.663		
15,400.00	7,850.00	7,354.00	7,296.88	194.36	26.54	61.55	1,505.36	-621.22	7,253.41	7,177.79	75.62	95.923		

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,850.00	7,354.00	7,296.88	197.00	26.54	61.55	1,505.36	-621.22	7,352.22	7,276.57	75.65	97.182	
15,600.00	7,850.00	7,354.00	7,296.88	199.65	26.54	61.55	1,505.36	-621.22	7,451.07	7,375.38	75.69	98.439	
15,700.00	7,850.00	7,354.00	7,296.88	202.30	26.54	61.55	1,505.36	-621.22	7,549.95	7,474.22	75.73	99.696	
15,800.00	7,850.00	7,354.00	7,296.88	204.94	26.54	61.55	1,505.36	-621.22	7,648.85	7,573.09	75.77	100.951	
15,900.00	7,850.00	7,354.00	7,296.88	207.59	26.54	61.55	1,505.36	-621.22	7,747.79	7,671.98	75.81	102.204	
16,000.00	7,850.00	7,354.00	7,296.88	210.25	26.54	61.55	1,505.36	-621.22	7,846.75	7,770.90	75.85	103.456	
16,100.00	7,850.00	7,354.00	7,296.88	212.90	26.54	61.55	1,505.36	-621.22	7,945.74	7,869.85	75.89	104.707	
16,200.00	7,850.00	7,354.00	7,296.88	215.55	26.54	61.55	1,505.36	-621.22	8,044.75	7,968.82	75.93	105.956	
16,300.00	7,850.00	7,354.00	7,296.88	218.20	26.54	61.55	1,505.36	-621.22	8,143.79	8,067.82	75.97	107.204	
16,400.00	7,850.00	7,354.00	7,296.88	220.86	26.54	61.55	1,505.36	-621.22	8,242.85	8,166.84	76.01	108.450	
16,500.00	7,850.00	7,354.00	7,296.88	223.52	26.54	61.55	1,505.36	-621.22	8,341.93	8,265.88	76.05	109.694	
16,600.00	7,850.00	7,354.00	7,296.88	226.17	26.54	61.55	1,505.36	-621.22	8,441.03	8,364.94	76.09	110.937	
16,700.00	7,850.00	7,354.00	7,296.88	228.83	26.54	61.55	1,505.36	-621.22	8,540.16	8,464.03	76.13	112.178	
16,800.00	7,850.00	7,354.00	7,296.88	231.49	26.54	61.55	1,505.36	-621.22	8,639.30	8,563.13	76.17	113.418	
16,900.00	7,850.00	7,354.00	7,296.88	234.15	26.54	61.55	1,505.36	-621.22	8,738.47	8,662.25	76.22	114.655	
17,000.00	7,850.00	7,354.00	7,296.88	236.81	26.54	61.55	1,505.36	-621.22	8,837.65	8,761.39	76.26	115.891	
17,100.00	7,850.00	7,354.00	7,296.88	239.47	26.54	61.55	1,505.36	-621.22	8,936.85	8,860.55	76.30	117.125	
17,200.00	7,850.00	7,354.00	7,296.88	242.13	26.54	61.55	1,505.36	-621.22	9,036.07	8,959.73	76.35	118.357	
17,300.00	7,850.00	7,354.00	7,296.88	244.79	26.54	61.55	1,505.36	-621.22	9,135.31	9,058.92	76.39	119.588	
17,400.00	7,850.00	7,354.00	7,296.88	247.46	26.54	61.55	1,505.36	-621.22	9,234.56	9,158.13	76.43	120.816	
17,500.00	7,850.00	7,354.00	7,296.88	250.12	26.54	61.55	1,505.36	-621.22	9,333.83	9,257.35	76.48	122.042	
17,600.00	7,850.00	7,354.00	7,296.88	252.79	26.54	61.55	1,505.36	-621.22	9,433.11	9,356.59	76.53	123.267	
17,700.00	7,850.00	7,354.00	7,296.88	255.45	26.54	61.55	1,505.36	-621.22	9,532.41	9,455.84	76.57	124.489	
17,800.00	7,850.00	7,354.00	7,296.88	258.12	26.54	61.55	1,505.36	-621.22	9,631.73	9,555.11	76.62	125.710	
17,900.00	7,850.00	7,354.00	7,296.88	260.78	26.54	61.55	1,505.36	-621.22	9,731.05	9,654.39	76.67	126.928	
18,000.00	7,850.00	7,354.00	7,296.88	263.45	26.54	61.55	1,505.36	-621.22	9,830.39	9,753.68	76.71	128.145	
18,100.00	7,850.00	7,354.00	7,296.88	266.12	26.54	61.55	1,505.36	-621.22	9,929.75	9,852.99	76.76	129.359	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-35.10	1,385.33	-973.68	1,693.39					
100.00	100.00	68.78	68.78	0.13	0.16	-35.11	1,385.38	-973.88	1,693.48	1,693.19	0.29	5,774.925		
200.00	200.00	161.48	161.47	0.49	0.49	-35.13	1,385.73	-975.16	1,694.57	1,693.59	0.98	1,722.579		
300.00	299.98	261.34	261.32	0.85	0.85	-16.17	1,386.23	-976.40	1,694.02	1,692.32	1.70	996.399		
400.00	399.84	365.05	365.03	1.22	1.22	-16.27	1,386.72	-977.59	1,690.04	1,687.60	2.44	693.721		
500.00	499.45	466.88	466.85	1.59	1.59	-16.42	1,387.08	-978.58	1,682.52	1,679.35	3.17	531.037		
600.00	598.70	570.33	570.29	1.97	1.96	-16.62	1,387.49	-979.25	1,671.53	1,667.62	3.91	427.738		
700.00	697.47	670.75	670.71	2.38	2.31	-16.85	1,387.94	-979.45	1,657.00	1,652.37	4.64	357.300		
800.00	795.62	770.43	770.39	2.82	2.67	-17.15	1,388.34	-979.60	1,639.14	1,633.77	5.37	305.224		
900.00	893.06	870.08	870.05	3.29	3.02	-17.52	1,388.63	-979.71	1,617.91	1,611.80	6.11	264.833		
1,000.00	989.64	960.64	960.60	3.80	3.34	-17.93	1,388.98	-979.91	1,593.61	1,586.79	6.82	233.510		
1,100.00	1,085.27	1,051.86	1,051.82	4.35	3.67	-18.42	1,389.62	-980.23	1,566.46	1,558.91	7.55	207.428		
1,200.00	1,179.82	1,148.72	1,148.67	4.95	4.01	-19.00	1,390.46	-980.57	1,536.32	1,528.02	8.31	184.920		
1,300.00	1,273.63	1,243.96	1,243.91	5.58	4.35	-19.45	1,391.21	-980.70	1,504.10	1,495.04	9.06	165.953		
1,400.00	1,367.44	1,334.28	1,334.22	6.22	4.67	-19.87	1,391.96	-980.91	1,472.01	1,462.21	9.80	150.142		
1,500.00	1,461.25	1,431.48	1,431.42	6.87	5.02	-20.33	1,392.96	-981.06	1,440.12	1,429.55	10.57	136.184		
1,600.00	1,555.06	1,525.52	1,525.45	7.52	5.36	-20.80	1,393.72	-981.17	1,408.11	1,396.77	11.34	124.144		
1,700.00	1,648.86	1,618.48	1,618.42	8.18	5.69	-21.28	1,394.57	-981.27	1,376.27	1,364.15	12.11	113.611		
1,800.00	1,742.67	1,712.77	1,712.70	8.84	6.02	-21.78	1,395.57	-981.26	1,344.56	1,331.66	12.89	104.271		
1,900.00	1,836.48	1,807.64	1,807.57	9.51	6.36	-22.31	1,396.59	-981.19	1,312.91	1,299.23	13.68	95.947		
2,000.00	1,930.29	1,899.32	1,899.24	10.18	6.69	-22.86	1,397.50	-981.25	1,281.41	1,266.94	14.47	88.543		
2,100.00	2,024.10	1,992.23	1,992.14	10.85	7.02	-23.45	1,398.39	-981.64	1,250.20	1,234.93	15.27	81.858		
2,200.00	2,117.90	2,086.11	2,086.01	11.52	7.36	-24.08	1,399.21	-982.16	1,219.17	1,203.09	16.08	75.800		
2,300.00	2,211.71	2,182.13	2,182.03	12.19	7.70	-24.76	1,399.98	-982.77	1,188.27	1,171.37	16.91	70.277		
2,400.00	2,305.52	2,297.72	2,297.62	12.87	8.11	-25.62	1,400.45	-982.61	1,156.82	1,139.05	17.77	65.092		
2,500.00	2,399.33	2,446.69	2,446.45	13.54	8.61	-26.65	1,399.35	-976.58	1,122.24	1,103.59	18.64	60.195		
2,600.00	2,493.13	2,542.97	2,542.53	14.22	8.93	-27.38	1,396.52	-971.03	1,085.16	1,065.72	19.45	55.802		
2,700.00	2,586.94	2,635.01	2,634.38	14.89	9.24	-28.24	1,392.45	-966.85	1,048.07	1,027.81	20.26	51.724		
2,800.00	2,680.75	2,724.74	2,723.93	15.57	9.54	-29.12	1,388.65	-962.72	1,011.27	990.18	21.09	47.942		
2,900.00	2,774.56	2,814.34	2,813.36	16.25	9.84	-29.99	1,385.93	-957.82	974.89	952.96	21.94	44.441		
3,000.00	2,868.36	2,902.16	2,900.99	16.93	10.14	-30.83	1,384.19	-952.55	939.04	916.24	22.79	41.197		
3,100.00	2,962.17	2,997.13	2,995.79	17.61	10.47	-31.81	1,382.48	-946.92	903.55	879.88	23.67	38.179		
3,200.00	3,055.98	3,091.12	3,089.60	18.28	10.79	-32.92	1,379.80	-941.79	868.01	843.45	24.56	35.342		
3,300.00	3,149.79	3,171.85	3,170.20	18.96	11.07	-33.99	1,377.45	-937.92	833.22	807.73	25.49	32.687		
3,400.00	3,243.60	3,243.84	3,242.13	19.64	11.32	-35.00	1,376.14	-935.56	800.56	774.11	26.45	30.265		
3,500.00	3,337.40	3,319.21	3,317.50	20.32	11.58	-36.16	1,375.82	-935.15	771.04	743.60	27.44	28.103		
3,600.00	3,431.21	3,413.43	3,411.72	21.00	11.91	-37.73	1,375.71	-935.29	742.78	714.33	28.45	26.104		
3,700.00	3,525.02	3,507.41	3,505.70	21.68	12.23	-39.39	1,375.67	-935.37	715.07	685.57	29.51	24.235		
3,800.00	3,618.83	3,601.50	3,599.79	22.36	12.55	-41.18	1,375.60	-935.37	687.92	657.33	30.59	22.488		
3,900.00	3,712.63	3,694.31	3,692.60	23.04	12.88	-43.09	1,375.60	-935.45	661.58	629.87	31.71	20.862		
4,000.00	3,806.44	3,788.79	3,787.08	23.72	13.20	-45.18	1,375.56	-935.54	636.02	603.14	32.88	19.346		
4,100.00	3,900.25	3,882.32	3,880.61	24.41	13.53	-47.40	1,375.50	-935.61	611.32	577.24	34.08	17.938		
4,200.00	3,994.06	3,975.58	3,973.87	25.09	13.85	-49.84	1,375.06	-935.95	587.75	552.41	35.33	16.635		
4,300.00	4,087.86	4,070.49	4,068.78	25.77	14.17	-52.48	1,374.82	-936.11	565.24	528.62	36.62	15.434		
4,400.00	4,181.67	4,164.26	4,162.55	26.45	14.50	-55.25	1,374.82	-936.07	543.92	505.97	37.95	14.332		
4,500.00	4,275.48	4,257.22	4,255.51	27.13	14.82	-58.22	1,374.71	-936.19	524.15	484.83	39.32	13.330		
4,600.00	4,369.29	4,351.69	4,349.97	27.81	15.15	-61.43	1,374.61	-936.30	505.99	465.27	40.72	12.426		
4,700.00	4,463.10	4,446.44	4,444.72	28.49	15.47	-64.87	1,374.43	-936.25	489.44	447.30	42.14	11.616		
4,800.00	4,556.90	4,540.11	4,538.40	29.17	15.80	-68.52	1,373.80	-936.12	474.77	431.21	43.56	10.899		
4,900.00	4,650.71	4,632.76	4,631.04	29.86	16.12	-72.29	1,373.45	-936.15	462.48	417.51	44.97	10.285		
5,000.00	4,744.52	4,727.02	4,725.30	30.54	16.44	-76.25	1,373.37	-936.19	452.56	406.23	46.33	9.767		
5,100.00	4,838.33	4,820.95	4,819.23	31.22	16.77	-80.34	1,373.33	-936.17	445.07	397.44	47.64	9.343		

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors 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	
5,200.00	4,932.13	4,914.93	4,913.21	31.90	17.09	-84.51	1,373.40	-936.13	440.15	391.29	48.86	9.008	
5,300.00	5,025.94	5,008.35	5,006.63	32.58	17.42	-88.72	1,373.46	-936.14	437.96	387.98	49.98	8.763	
5,330.28	5,054.35	5,036.90	5,035.18	32.79	17.52	-90.02	1,373.47	-936.15	437.84	387.54	50.30	8.705 CC	
5,400.00	5,119.75	5,102.46	5,100.75	33.26	17.75	-92.99	1,373.48	-936.12	438.48	387.50	50.98	8.601 ES	
5,500.00	5,213.56	5,195.67	5,193.96	33.95	18.07	-97.18	1,373.41	-936.11	441.78	389.93	51.86	8.519	
5,600.00	5,307.36	5,289.36	5,287.64	34.63	18.40	-101.32	1,373.34	-936.19	447.83	395.22	52.61	8.513 SF	
5,700.00	5,401.17	5,383.38	5,381.66	35.31	18.73	-105.36	1,373.28	-936.24	456.41	403.17	53.25	8.572	
5,800.00	5,494.98	5,477.30	5,475.58	35.99	19.05	-109.24	1,373.20	-936.28	467.42	413.64	53.78	8.691	
5,900.00	5,588.79	5,573.98	5,572.26	36.68	19.39	-113.18	1,372.54	-935.37	480.40	426.17	54.24	8.858	
6,000.00	5,682.59	5,672.16	5,670.34	37.36	19.73	-117.29	1,370.32	-931.75	494.95	440.38	54.57	9.070	
6,100.00	5,776.40	5,773.65	5,771.53	38.04	20.09	-121.63	1,367.15	-924.71	510.64	455.85	54.80	9.319	
6,200.00	5,870.21	5,874.68	5,872.12	38.72	20.45	-125.81	1,364.91	-915.59	527.10	472.16	54.94	9.594	
6,300.00	5,964.02	5,969.04	5,965.96	39.40	20.78	-129.57	1,363.29	-905.83	544.99	489.98	55.01	9.907	
6,400.00	6,057.83	6,059.90	6,056.18	40.09	21.11	-133.10	1,361.12	-895.23	565.20	510.18	55.01	10.274	
6,500.00	6,151.63	6,147.69	6,142.91	40.77	21.43	-136.59	1,357.71	-882.17	587.72	532.80	54.92	10.701	
6,600.00	6,245.44	6,223.76	6,217.56	41.45	21.71	-139.70	1,352.64	-868.51	614.03	559.35	54.67	11.231	
6,700.00	6,339.25	6,298.45	6,290.38	42.13	21.99	-142.75	1,345.59	-853.45	644.63	590.27	54.36	11.859	
6,800.00	6,433.06	6,376.13	6,365.71	42.82	22.29	-145.82	1,336.69	-836.72	679.10	625.04	54.06	12.562	
6,900.00	6,526.86	6,460.30	6,447.18	43.50	22.61	-148.93	1,326.44	-818.24	716.41	662.52	53.90	13.292	
7,000.00	6,620.67	6,549.16	6,533.07	44.18	22.97	-151.97	1,315.93	-798.02	755.35	701.48	53.87	14.022	
7,100.00	6,714.48	6,633.76	6,614.49	44.86	23.31	-154.73	1,306.23	-777.21	795.65	741.80	53.85	14.775	
7,200.00	6,808.29	6,711.47	6,688.84	45.55	23.64	-157.16	1,296.96	-756.58	837.97	784.18	53.79	15.577	
7,300.00	6,902.09	6,787.57	6,761.51	46.23	23.97	-159.38	1,287.34	-736.15	882.43	828.64	53.79	16.405	
7,400.00	6,995.90	6,860.69	6,831.35	46.91	24.29	-161.33	1,277.45	-716.87	928.91	875.09	53.82	17.259	
7,500.00	7,089.71	6,942.68	6,909.65	47.59	24.65	-163.31	1,265.81	-695.51	977.02	922.95	54.06	18.071	
7,600.00	7,183.52	7,038.43	7,001.09	48.28	25.08	-165.45	1,252.89	-670.20	1,025.56	970.98	54.59	18.788	
7,700.00	7,277.41	7,124.04	7,082.98	48.95	25.47	-177.68	1,242.37	-647.60	1,073.82	1,018.82	55.00	19.522	
7,800.00	7,371.68	7,573.38	7,520.90	49.54	26.99	154.17	1,231.40	-673.05	1,112.40	1,052.67	59.73	18.622	
7,900.00	7,464.05	7,620.11	7,563.01	50.01	27.10	132.79	1,235.25	-692.93	1,130.53	1,070.04	60.49	18.690	
8,000.00	7,551.70	7,637.00	7,577.84	50.36	27.15	118.48	1,236.20	-700.94	1,152.58	1,091.64	60.95	18.911	
8,100.00	7,631.98	7,666.96	7,603.59	50.61	27.22	109.56	1,237.12	-716.22	1,178.83	1,117.23	61.60	19.138	
8,200.00	7,702.44	7,675.86	7,611.08	50.75	27.24	102.17	1,237.18	-721.02	1,209.54	1,147.50	62.04	19.497	
8,300.00	7,760.95	7,677.99	7,612.86	50.81	27.25	95.80	1,237.18	-722.18	1,243.71	1,181.20	62.51	19.897	
8,400.00	7,805.72	7,674.52	7,609.96	50.80	27.24	90.07	1,237.18	-720.29	1,280.17	1,217.09	63.08	20.295	
8,500.00	7,835.40	7,637.00	7,577.84	50.72	27.15	83.62	1,236.20	-700.94	1,318.63	1,255.43	63.20	20.866	
8,600.00	7,849.08	7,637.00	7,577.84	50.60	27.15	79.73	1,236.20	-700.94	1,354.80	1,290.52	64.28	21.075	
8,700.00	7,850.00	7,637.00	7,577.84	50.45	27.15	78.61	1,236.20	-700.94	1,391.26	1,325.76	65.50	21.240	
8,800.00	7,850.00	7,637.00	7,577.84	50.32	27.15	78.61	1,236.20	-700.94	1,433.34	1,366.65	66.69	21.492	
8,900.00	7,850.00	7,637.00	7,577.84	50.22	27.15	78.61	1,236.20	-700.94	1,480.99	1,413.18	67.81	21.840	
9,000.00	7,850.00	7,599.19	7,544.34	50.15	27.05	77.17	1,233.74	-683.60	1,532.05	1,463.80	68.25	22.447	
9,100.00	7,850.00	7,587.48	7,533.76	50.11	27.02	76.72	1,232.75	-678.68	1,588.11	1,519.04	69.06	22.995	
9,200.00	7,850.00	7,576.74	7,523.97	50.12	26.99	76.31	1,231.73	-674.36	1,648.05	1,578.23	69.82	23.605	
9,300.00	7,850.00	7,543.00	7,492.82	50.20	26.91	75.02	1,227.96	-662.00	1,712.16	1,641.97	70.19	24.393	
9,400.00	7,850.00	7,543.00	7,492.82	50.42	26.91	75.02	1,227.96	-662.00	1,778.36	1,707.40	70.96	25.062	
9,500.00	7,850.00	7,543.00	7,492.82	50.87	26.91	75.02	1,227.96	-662.00	1,847.60	1,775.96	71.64	25.790	
9,600.00	7,850.00	7,543.00	7,492.82	51.72	26.91	75.02	1,227.96	-662.00	1,919.56	1,847.31	72.25	26.570	
9,700.00	7,850.00	7,543.00	7,492.82	53.02	26.91	75.02	1,227.96	-662.00	1,993.93	1,921.15	72.78	27.396	
9,800.00	7,850.00	7,511.34	7,463.02	54.65	26.83	73.81	1,224.40	-651.94	2,069.90	1,996.94	72.96	28.371	
9,900.00	7,850.00	7,499.45	7,451.69	56.50	26.80	73.35	1,223.26	-648.51	2,147.83	2,074.54	73.29	29.306	
10,000.00	7,850.00	7,488.80	7,441.48	58.48	26.77	72.94	1,222.34	-645.61	2,227.39	2,153.79	73.60	30.264	
10,100.00	7,850.00	7,479.20	7,432.25	60.55	26.74	72.57	1,221.59	-643.12	2,308.41	2,234.54	73.88	31.246	
10,200.00	7,850.00	7,448.00	7,401.95	62.69	26.66	71.36	1,219.67	-635.92	2,391.09	2,317.14	73.96	32.331	

CC - Min centre to 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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,850.00	7,448.00	7,401.95	64.88	26.66	71.36	1,219.67	-635.92	2,474.50	2,400.24	74.26	33.321	
10,400.00	7,850.00	7,448.00	7,401.95	67.11	26.66	71.36	1,219.67	-635.92	2,559.10	2,484.57	74.54	34.334	
10,500.00	7,850.00	7,448.00	7,401.95	69.38	26.66	71.36	1,219.67	-635.92	2,644.78	2,570.00	74.78	35.367	
10,600.00	7,850.00	7,448.00	7,401.95	71.68	26.66	71.36	1,219.67	-635.92	2,731.43	2,656.43	75.00	36.419	
10,700.00	7,850.00	7,448.00	7,401.95	74.00	26.66	71.36	1,219.67	-635.92	2,818.96	2,743.77	75.20	37.487	
10,800.00	7,850.00	7,448.00	7,401.95	76.36	26.66	71.36	1,219.67	-635.92	2,907.30	2,831.93	75.38	38.571	
10,900.00	7,850.00	7,448.00	7,401.95	78.73	26.66	71.36	1,219.67	-635.92	2,996.37	2,920.84	75.54	39.668	
11,000.00	7,850.00	7,448.00	7,401.95	81.13	26.66	71.36	1,219.67	-635.92	3,086.11	3,010.43	75.68	40.777	
11,100.00	7,850.00	7,448.00	7,401.95	83.54	26.66	71.36	1,219.67	-635.92	3,176.47	3,100.65	75.82	41.897	
11,200.00	7,850.00	7,448.00	7,401.95	85.97	26.66	71.36	1,219.67	-635.92	3,267.38	3,191.44	75.94	43.027	
11,300.00	7,850.00	7,448.00	7,401.95	88.42	26.66	71.36	1,219.67	-635.92	3,358.81	3,282.77	76.05	44.167	
11,400.00	7,850.00	7,448.00	7,401.95	90.88	26.66	71.36	1,219.67	-635.92	3,450.72	3,374.57	76.15	45.315	
11,500.00	7,850.00	7,448.00	7,401.95	93.35	26.66	71.36	1,219.67	-635.92	3,543.07	3,466.82	76.24	46.470	
11,600.00	7,850.00	7,448.00	7,401.95	95.83	26.66	71.36	1,219.67	-635.92	3,635.82	3,559.49	76.33	47.632	
11,700.00	7,850.00	7,408.69	7,363.29	98.33	26.54	69.83	1,218.10	-628.99	3,727.63	3,651.40	76.24	48.894	
11,800.00	7,850.00	7,406.46	7,361.09	100.83	26.54	69.74	1,218.03	-628.67	3,820.95	3,744.64	76.31	50.072	
11,900.00	7,850.00	7,404.35	7,359.00	103.35	26.53	69.66	1,217.97	-628.38	3,914.59	3,838.22	76.38	51.255	
12,000.00	7,850.00	7,402.34	7,357.01	105.87	26.52	69.59	1,217.91	-628.11	4,008.54	3,932.10	76.44	52.442	
12,100.00	7,850.00	7,400.43	7,355.12	108.40	26.52	69.51	1,217.86	-627.86	4,102.76	4,026.26	76.50	53.634	
12,200.00	7,850.00	7,398.61	7,353.31	110.94	26.51	69.44	1,217.81	-627.62	4,197.24	4,120.69	76.55	54.829	
12,300.00	7,850.00	7,396.87	7,351.59	113.48	26.51	69.37	1,217.77	-627.40	4,291.97	4,215.36	76.60	56.028	
12,400.00	7,850.00	7,395.21	7,349.94	116.04	26.50	69.31	1,217.73	-627.20	4,386.92	4,310.27	76.65	57.230	
12,500.00	7,850.00	7,354.00	7,308.90	118.59	26.38	67.72	1,217.13	-623.61	4,483.43	4,406.89	76.55	58.571	
12,600.00	7,850.00	7,354.00	7,308.90	121.16	26.38	67.72	1,217.13	-623.61	4,578.71	4,502.11	76.60	59.773	
12,700.00	7,850.00	7,354.00	7,308.90	123.73	26.38	67.72	1,217.13	-623.61	4,674.18	4,597.52	76.65	60.977	
12,800.00	7,850.00	7,354.00	7,308.90	126.30	26.38	67.72	1,217.13	-623.61	4,769.84	4,693.13	76.71	62.184	
12,900.00	7,850.00	7,354.00	7,308.90	128.88	26.38	67.72	1,217.13	-623.61	4,865.67	4,788.91	76.75	63.393	
13,000.00	7,850.00	7,354.00	7,308.90	131.46	26.38	67.72	1,217.13	-623.61	4,961.66	4,884.86	76.80	64.604	
13,100.00	7,850.00	7,354.00	7,308.90	134.05	26.38	67.72	1,217.13	-623.61	5,057.81	4,980.97	76.85	65.817	
13,200.00	7,850.00	7,354.00	7,308.90	136.64	26.38	67.72	1,217.13	-623.61	5,154.11	5,077.22	76.89	67.032	
13,300.00	7,850.00	7,354.00	7,308.90	139.24	26.38	67.72	1,217.13	-623.61	5,250.55	5,173.61	76.93	68.248	
13,400.00	7,850.00	7,354.00	7,308.90	141.84	26.38	67.72	1,217.13	-623.61	5,347.11	5,270.14	76.98	69.465	
13,500.00	7,850.00	7,354.00	7,308.90	144.44	26.38	67.72	1,217.13	-623.61	5,443.80	5,366.79	77.02	70.684	
13,600.00	7,850.00	7,354.00	7,308.90	147.05	26.38	67.72	1,217.13	-623.61	5,540.61	5,463.56	77.06	71.904	
13,700.00	7,850.00	7,354.00	7,308.90	149.66	26.38	67.72	1,217.13	-623.61	5,637.53	5,560.44	77.10	73.124	
13,800.00	7,850.00	7,354.00	7,308.90	152.27	26.38	67.72	1,217.13	-623.61	5,734.56	5,657.42	77.13	74.345	
13,900.00	7,850.00	7,354.00	7,308.90	154.88	26.38	67.72	1,217.13	-623.61	5,831.68	5,754.51	77.17	75.567	
14,000.00	7,850.00	7,354.00	7,308.90	157.50	26.38	67.72	1,217.13	-623.61	5,928.90	5,851.69	77.21	76.789	
14,100.00	7,850.00	7,354.00	7,308.90	160.12	26.38	67.72	1,217.13	-623.61	6,026.22	5,948.97	77.25	78.012	
14,200.00	7,850.00	7,354.00	7,308.90	162.74	26.38	67.72	1,217.13	-623.61	6,123.61	6,046.33	77.28	79.235	
14,300.00	7,850.00	7,354.00	7,308.90	165.36	26.38	67.72	1,217.13	-623.61	6,221.10	6,143.78	77.32	80.458	
14,400.00	7,850.00	7,354.00	7,308.90	167.99	26.38	67.72	1,217.13	-623.61	6,318.66	6,241.30	77.36	81.681	
14,500.00	7,850.00	7,354.00	7,308.90	170.62	26.38	67.72	1,217.13	-623.61	6,416.29	6,338.90	77.39	82.904	
14,600.00	7,850.00	7,354.00	7,308.90	173.25	26.38	67.72	1,217.13	-623.61	6,514.00	6,436.57	77.43	84.127	
14,700.00	7,850.00	7,354.00	7,308.90	175.88	26.38	67.72	1,217.13	-623.61	6,611.77	6,534.31	77.47	85.350	
14,800.00	7,850.00	7,354.00	7,308.90	178.52	26.38	67.72	1,217.13	-623.61	6,709.62	6,632.11	77.50	86.573	
14,900.00	7,850.00	7,354.00	7,308.90	181.15	26.38	67.72	1,217.13	-623.61	6,807.52	6,729.98	77.54	87.795	
15,000.00	7,850.00	7,354.00	7,308.90	183.79	26.38	67.72	1,217.13	-623.61	6,905.48	6,827.91	77.58	89.017	
15,100.00	7,850.00	7,354.00	7,308.90	186.43	26.38	67.72	1,217.13	-623.61	7,003.51	6,925.89	77.61	90.238	
15,200.00	7,850.00	7,354.00	7,308.90	189.07	26.38	67.72	1,217.13	-623.61	7,101.58	7,023.93	77.65	91.458	
15,300.00	7,850.00	7,354.00	7,308.90	191.71	26.38	67.72	1,217.13	-623.61	7,199.71	7,122.03	77.68	92.678	
15,400.00	7,850.00	7,354.00	7,308.90	194.36	26.38	67.72	1,217.13	-623.61	7,297.89	7,220.17	77.72	93.898	

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

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDT_32Bit_ODBC
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

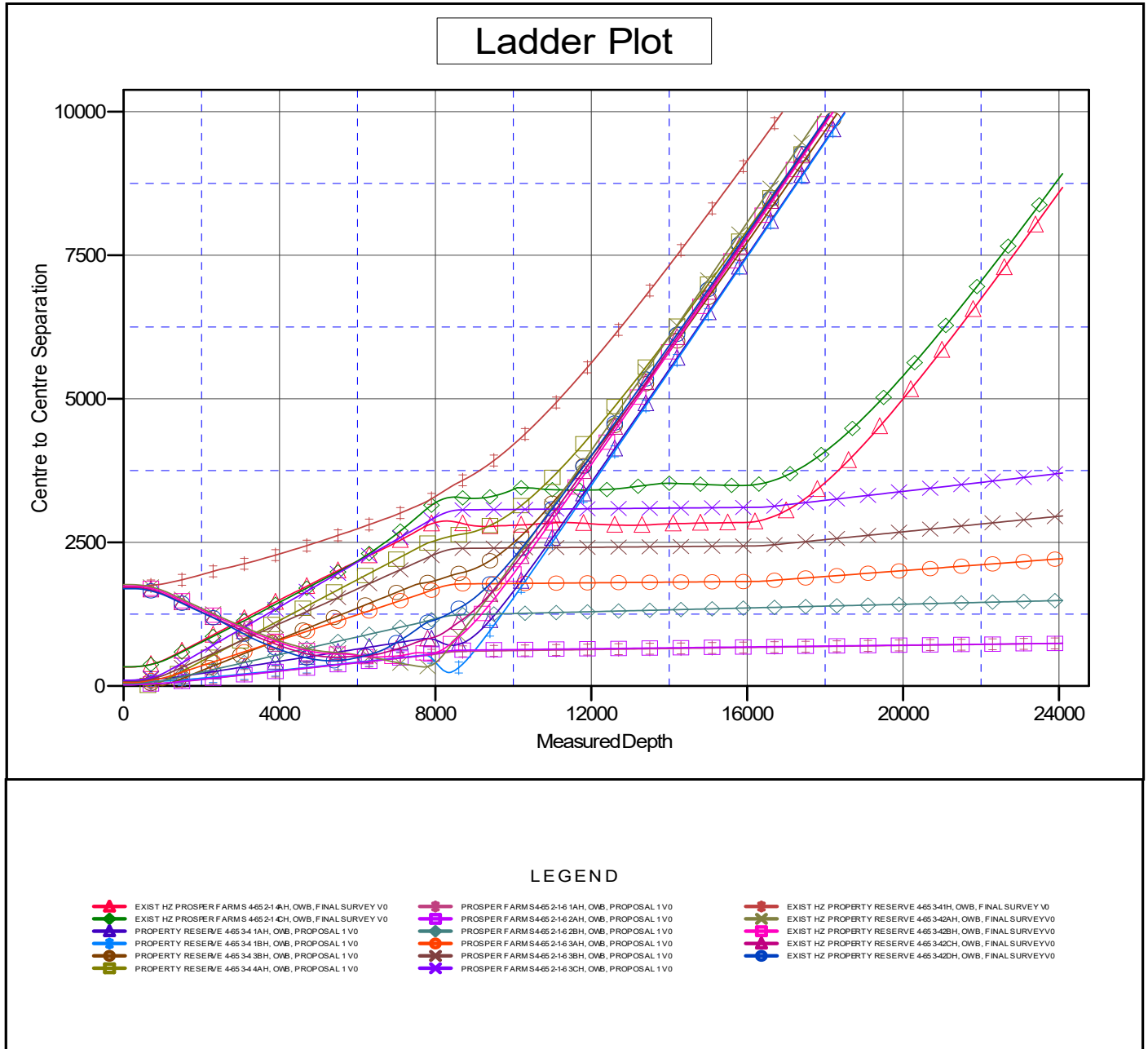
Offset Design												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,850.00	7,354.00	7,308.90	197.00	26.38	67.72	1,217.13	-623.61	7,396.12	7,318.36	77.76	95.116	
15,600.00	7,850.00	7,354.00	7,308.90	199.65	26.38	67.72	1,217.13	-623.61	7,494.40	7,416.60	77.80	96.334	
15,700.00	7,850.00	7,354.00	7,308.90	202.30	26.38	67.72	1,217.13	-623.61	7,592.72	7,514.89	77.83	97.551	
15,800.00	7,850.00	7,354.00	7,308.90	204.94	26.38	67.72	1,217.13	-623.61	7,691.08	7,613.21	77.87	98.767	
15,900.00	7,850.00	7,354.00	7,308.90	207.59	26.38	67.72	1,217.13	-623.61	7,789.49	7,711.58	77.91	99.982	
16,000.00	7,850.00	7,354.00	7,308.90	210.25	26.38	67.72	1,217.13	-623.61	7,887.94	7,809.99	77.95	101.196	
16,100.00	7,850.00	7,354.00	7,308.90	212.90	26.38	67.72	1,217.13	-623.61	7,986.42	7,908.43	77.99	102.409	
16,200.00	7,850.00	7,354.00	7,308.90	215.55	26.38	67.72	1,217.13	-623.61	8,084.94	8,006.92	78.02	103.621	
16,300.00	7,850.00	7,354.00	7,308.90	218.20	26.38	67.72	1,217.13	-623.61	8,183.50	8,105.44	78.06	104.831	
16,400.00	7,850.00	7,354.00	7,308.90	220.86	26.38	67.72	1,217.13	-623.61	8,282.09	8,203.99	78.10	106.041	
16,500.00	7,850.00	7,354.00	7,308.90	223.52	26.38	67.72	1,217.13	-623.61	8,380.72	8,302.57	78.14	107.249	
16,600.00	7,850.00	7,354.00	7,308.90	226.17	26.38	67.72	1,217.13	-623.61	8,479.38	8,401.19	78.18	108.456	
16,700.00	7,850.00	7,354.00	7,308.90	228.83	26.38	67.72	1,217.13	-623.61	8,578.06	8,499.84	78.22	109.661	
16,800.00	7,850.00	7,354.00	7,308.90	231.49	26.38	67.72	1,217.13	-623.61	8,676.78	8,598.52	78.26	110.866	
16,900.00	7,850.00	7,354.00	7,308.90	234.15	26.38	67.72	1,217.13	-623.61	8,775.53	8,697.23	78.31	112.068	
17,000.00	7,850.00	7,354.00	7,308.90	236.81	26.38	67.72	1,217.13	-623.61	8,874.31	8,795.96	78.35	113.270	
17,100.00	7,850.00	7,354.00	7,308.90	239.47	26.38	67.72	1,217.13	-623.61	8,973.11	8,894.72	78.39	114.470	
17,200.00	7,850.00	7,354.00	7,308.90	242.13	26.38	67.72	1,217.13	-623.61	9,071.94	8,993.51	78.43	115.668	
17,300.00	7,850.00	7,354.00	7,308.90	244.79	26.38	67.72	1,217.13	-623.61	9,170.79	9,092.32	78.47	116.865	
17,400.00	7,850.00	7,354.00	7,308.90	247.46	26.38	67.72	1,217.13	-623.61	9,269.67	9,191.16	78.52	118.060	
17,500.00	7,850.00	7,354.00	7,308.90	250.12	26.38	67.72	1,217.13	-623.61	9,368.58	9,290.02	78.56	119.253	
17,600.00	7,850.00	7,354.00	7,308.90	252.79	26.38	67.72	1,217.13	-623.61	9,467.50	9,388.90	78.60	120.445	
17,700.00	7,850.00	7,354.00	7,308.90	255.45	26.38	67.72	1,217.13	-623.61	9,566.45	9,487.80	78.65	121.636	
17,800.00	7,850.00	7,354.00	7,308.90	258.12	26.38	67.72	1,217.13	-623.61	9,665.42	9,586.73	78.69	122.824	
17,900.00	7,850.00	7,354.00	7,308.90	260.78	26.38	67.72	1,217.13	-623.61	9,764.41	9,685.67	78.74	124.011	
18,000.00	7,850.00	7,354.00	7,308.90	263.45	26.38	67.72	1,217.13	-623.61	9,863.42	9,784.64	78.78	125.196	
18,100.00	7,850.00	7,354.00	7,308.90	266.12	26.38	67.72	1,217.13	-623.61	9,962.46	9,883.63	78.83	126.379	

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well PROSPER FARMS 4-65 2-1-6 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	PROSPER FARMS 4-65 2-1-6 1BH	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 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' @ 5656.21usft
Offset Depths are relative to Offset Datum
Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 2-1-6 1BH
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 1BH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5656.21usft
Reference Site:	SEC 2-T4S-R65W	MD Reference:	KB 25' @ 5656.21usft
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Well Error:	0.00 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' @ 5656.21usft

Offset Depths are relative to Offset Datum

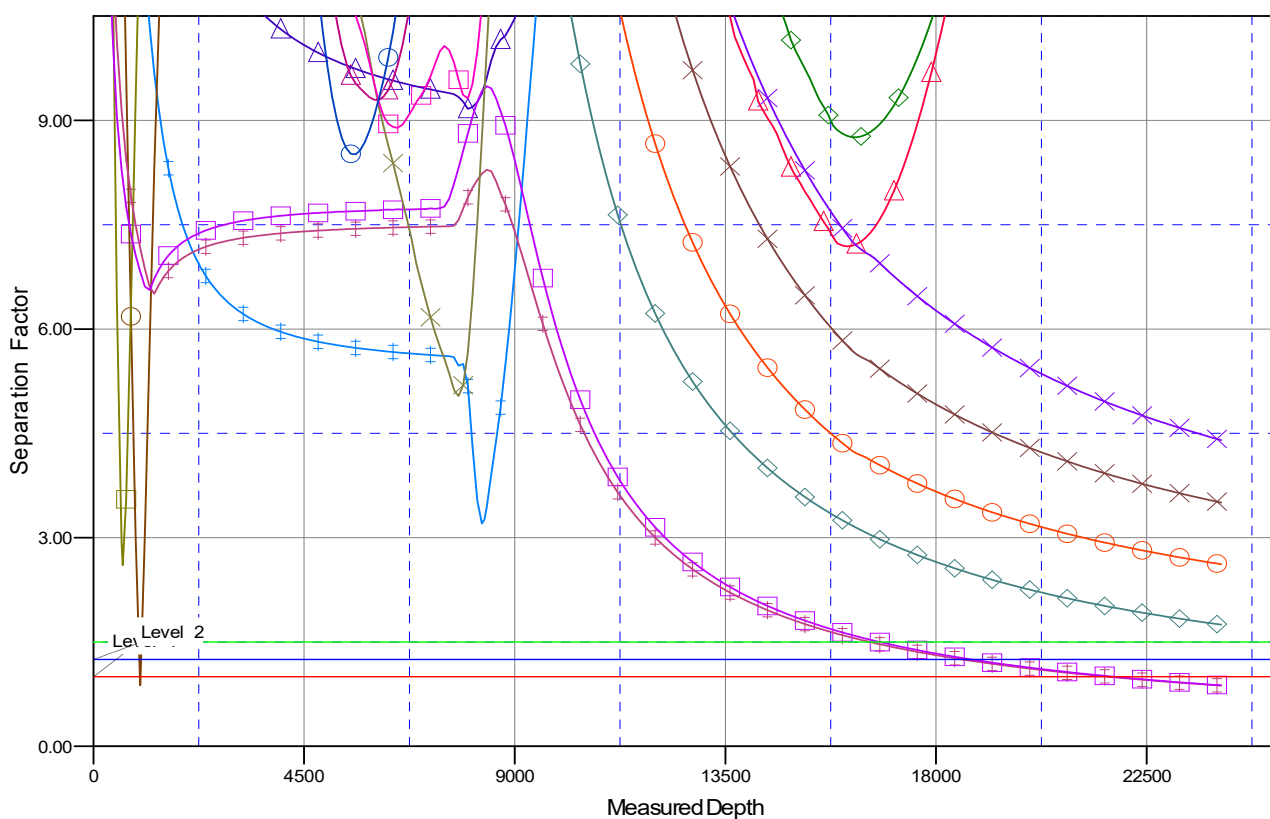
Central Meridian is 105.500000°W

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

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