

# **CRESTONE PEAK RESOURCES**

**ARAPAHOE COUNTY**

**SEC 10-T4S-R65W**

**PROSPER FARMS 4-65 11-12 4BH**

**OWB**

**Plan: PROPOSAL 1**

## **Standard Planning Report**

**21 July, 2022**

Project: ARAPAHOE COUNTY  
 Site: SEC 10-T4S-R65W  
 Well: PROSPER FARMS 4-65 11-12 4BH  
 Wellbore: OWB  
 Design: PROPOSAL 1



Azimuths to True North  
 Magnetic North: 7.61°  
 Magnetic Field  
 Strength: 51484.7nT  
 Dip Angle: 66.08°  
 Date: 7/21/2022  
 Model: IGRF2020

WELL DETAILS: PROSPER FARMS 4-65 11-12 4BH

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	1687306.63	3241250.75	39.717333°N	104.642399°W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
3	818.54	14.37	173.92	811.03	-89.14	9.49	2.00	173.92	25.69	
4	7379.03	14.37	173.92	7166.24	-1708.28	181.86	0.00	0.00	492.27	
5	8261.99	90.00	90.81	7705.00	-1853.38	752.57	10.00	-83.33	1079.92	LP-PF 4-65 11-12 4BH
6	18187.13	90.00	90.81	7705.00	-1993.22	10676.73	0.00	0.00	10861.19	PBHL-PF 4-65 11-12 4BH

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	Start Build 2.00
818.54	14.37	173.92	811.03	-89.14	9.49	25.69	89.64	Start 6560.49 hold at 818.54 MD
7379.03	14.37	173.92	7166.24	-1708.28	181.86	492.27	1717.93	Start DLS 10.00 TFO -83.33
8261.99	90.00	90.81	7705.00	-1853.38	752.57	1079.92	2327.43	Start 9925.14 hold at 8261.99 MD
18187.13	90.00	90.81	7705.00	-1993.22	10676.73	10861.19	12252.57	TD at 18187.13

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
LP-PF 4-65 11-12 4BH	7705.00	-1853.38	752.57	1685460.46	3242020.78	39.712245°N	104.639724°W	Point
- plan hits target center								
PBHL-PF 4-65 11-12 4BH	7705.00	-1993.22	10676.73	1685414.30	3251945.75	39.711855°N	104.604449°W	Point
- plan hits target center								

PROJECT DETAILS: ARAPAHOE COUNTY

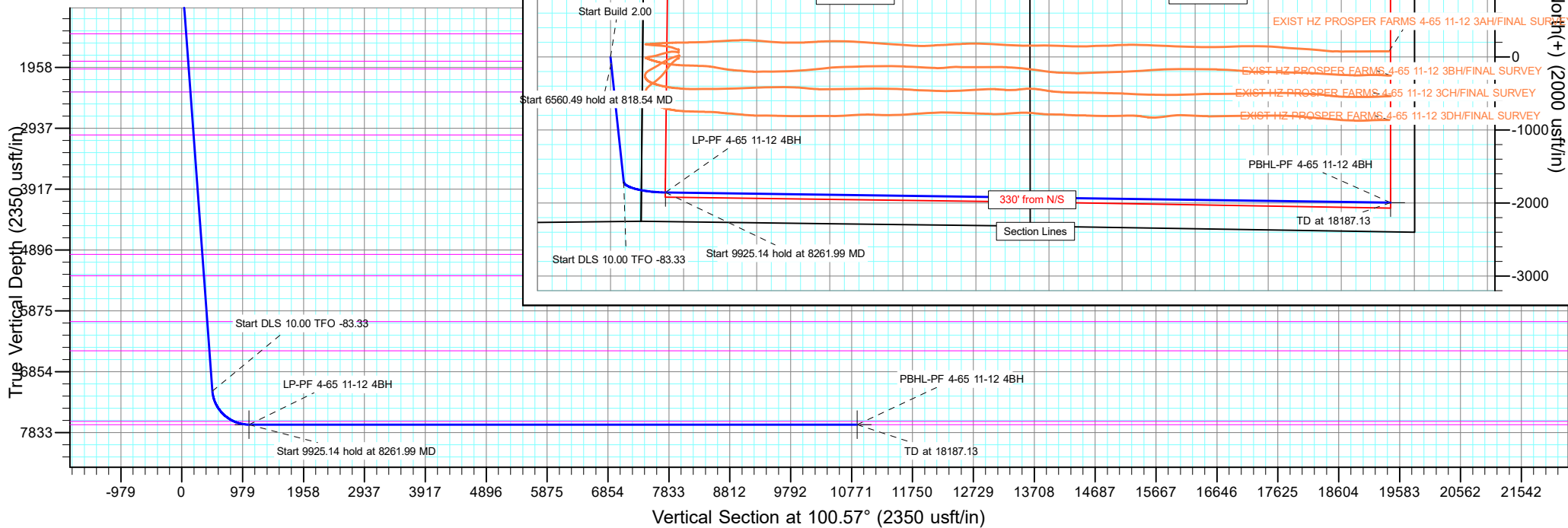
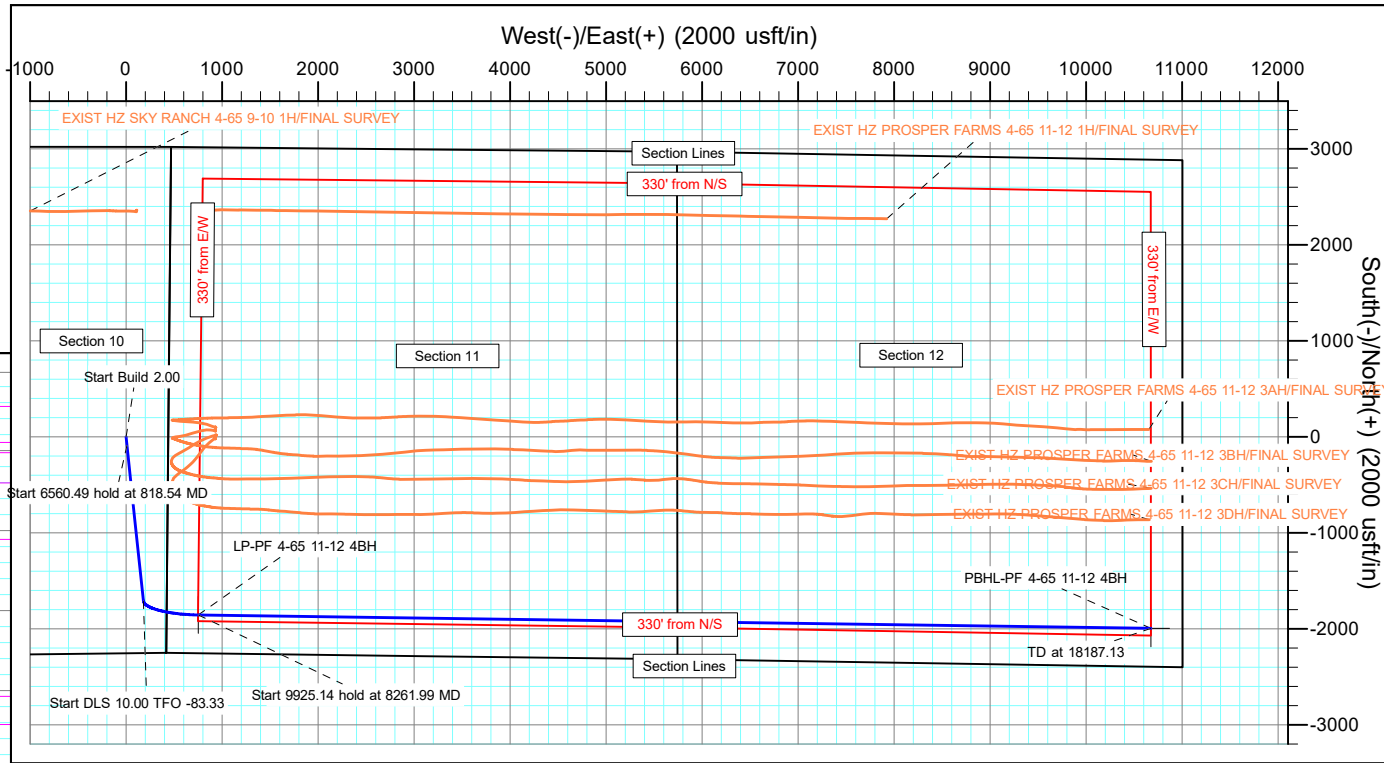
Geodetic System: US State Plane 1983  
 Datum: North American Datum 1983  
 Ellipsoid: GRS 1980  
 Zone: Colorado Central Zone

System Datum: Mean Sea Level

SHL:  
 2254' FSL, 440' FEL  
 Sec 10-T4S-R65W

LP:  
 400' FSL, 330' FWL  
 Sec 11-T4S-R65W

BHL:  
 400' FSL, 330' FEL  
 Sec 12-T4S-R65W



Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site:</b>	SEC 10-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

<b>Project</b>	ARAPAHOE COUNTY		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Central Zone		Using geodetic scale factor

<b>Site</b>	SEC 10-T4S-R65W				
<b>Site Position:</b>		<b>Northing:</b>	1,685,061.36 usft	<b>Latitude:</b>	39.711158°N
<b>From:</b>	Lat/Long	<b>Easting:</b>	3,241,690.88 usft	<b>Longitude:</b>	104.640910°W
<b>Position Uncertainty:</b>	0.00 usft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b>	0.54 °

<b>Well</b>	PROSPER FARMS 4-65 11-12 4BH					
<b>Well Position</b>	<b>+N/-S</b>	2,249.35 usft	<b>Northing:</b>	1,687,306.63 usft	<b>Latitude:</b>	39.717333°N
	<b>+E/-W</b>	-418.88 usft	<b>Easting:</b>	3,241,250.75 usft	<b>Longitude:</b>	104.642399°W
<b>Position Uncertainty</b>		0.00 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	5,682.00 usft

<b>Wellbore</b>	OWB				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2020	7/21/2022	7.61	66.08	51,484.68957388

<b>Design</b>	PROPOSAL 1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	100.57

<b>Plan Survey Tool Program</b>	<b>Date</b>	7/21/2022		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.00	18,187.13	PROPOSAL 1 (OWB)	MWD OWSG OWSG MWD - Standard

<b>Plan Sections</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	<b>TFO (°)</b>	<b>Target</b>
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
818.54	14.37	173.92	811.03	-89.14	9.49	2.00	2.00	0.00	173.92	
7,379.03	14.37	173.92	7,166.24	-1,708.28	181.86	0.00	0.00	0.00	0.00	
8,261.99	90.00	90.81	7,705.00	-1,853.38	752.57	10.00	8.57	-9.41	-83.33	LP-PF 4-65 11-12 4BH
18,187.13	90.00	90.81	7,705.00	-1,993.22	10,676.73	0.00	0.00	0.00	0.00	PBHL-PF 4-65 11-12

Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site:</b>	SEC 10-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>Start Build 2.00</b>										
200.00	2.00	173.92	199.98	-1.74	0.18	0.50	2.00	2.00	0.00	
300.00	4.00	173.92	299.84	-6.94	0.74	2.00	2.00	2.00	0.00	
400.00	6.00	173.92	399.45	-15.61	1.66	4.50	2.00	2.00	0.00	
500.00	8.00	173.92	498.70	-27.72	2.95	7.99	2.00	2.00	0.00	
600.00	10.00	173.92	597.47	-43.28	4.61	12.47	2.00	2.00	0.00	
700.00	12.00	173.92	695.62	-62.25	6.63	17.94	2.00	2.00	0.00	
800.00	14.00	173.92	793.06	-84.62	9.01	24.38	2.00	2.00	0.00	
818.54	14.37	173.92	811.03	-89.14	9.49	25.69	2.00	2.00	0.00	
<b>Start 6560.49 hold at 818.54 MD</b>										
900.00	14.37	173.92	889.94	-109.24	11.63	31.48	0.00	0.00	0.00	
1,000.00	14.37	173.92	986.81	-133.92	14.26	38.59	0.00	0.00	0.00	
1,100.00	14.37	173.92	1,083.68	-158.60	16.88	45.70	0.00	0.00	0.00	
1,200.00	14.37	173.92	1,180.55	-183.28	19.51	52.82	0.00	0.00	0.00	
1,300.00	14.37	173.92	1,277.42	-207.96	22.14	59.93	0.00	0.00	0.00	
1,400.00	14.37	173.92	1,374.30	-232.64	24.77	67.04	0.00	0.00	0.00	
1,444.08	14.37	173.92	1,417.00	-243.52	25.92	70.17	0.00	0.00	0.00	
<b>Laramie Formation</b>										
1,500.00	14.37	173.92	1,471.17	-257.32	27.39	74.15	0.00	0.00	0.00	
1,600.00	14.37	173.92	1,568.04	-282.00	30.02	81.26	0.00	0.00	0.00	
1,700.00	14.37	173.92	1,664.91	-306.68	32.65	88.38	0.00	0.00	0.00	
1,800.00	14.37	173.92	1,761.78	-331.36	35.28	95.49	0.00	0.00	0.00	
1,900.00	14.37	173.92	1,858.65	-356.04	37.90	102.60	0.00	0.00	0.00	
1,900.36	14.37	173.92	1,859.00	-356.13	37.91	102.62	0.00	0.00	0.00	
<b>Fox Hills sandstone</b>										
2,000.00	14.37	173.92	1,955.52	-380.72	40.53	109.71	0.00	0.00	0.00	
2,028.37	14.37	173.92	1,983.00	-387.72	41.28	111.73	0.00	0.00	0.00	
<b>Pierre Formation</b>										
2,100.00	14.37	173.92	2,052.39	-405.40	43.16	116.82	0.00	0.00	0.00	
2,200.00	14.37	173.92	2,149.26	-430.08	45.78	123.94	0.00	0.00	0.00	
2,300.00	14.37	173.92	2,246.13	-454.76	48.41	131.05	0.00	0.00	0.00	
2,400.00	14.37	173.92	2,343.01	-479.44	51.04	138.16	0.00	0.00	0.00	
2,412.38	14.37	173.92	2,355.00	-482.50	51.36	139.04	0.00	0.00	0.00	
<b>Upper Pierre aquifer</b>										
2,500.00	14.37	173.92	2,439.88	-504.12	53.67	145.27	0.00	0.00	0.00	
2,600.00	14.37	173.92	2,536.75	-528.80	56.29	152.38	0.00	0.00	0.00	
2,700.00	14.37	173.92	2,633.62	-553.48	58.92	159.50	0.00	0.00	0.00	
2,800.00	14.37	173.92	2,730.49	-578.16	61.55	166.61	0.00	0.00	0.00	
2,900.00	14.37	173.92	2,827.36	-602.84	64.18	173.72	0.00	0.00	0.00	
3,000.00	14.37	173.92	2,924.23	-627.52	66.80	180.83	0.00	0.00	0.00	
3,100.00	14.37	173.92	3,021.10	-652.21	69.43	187.94	0.00	0.00	0.00	
3,124.67	14.37	173.92	3,045.00	-658.29	70.08	189.70	0.00	0.00	0.00	
<b>Base of Upper Pierre aquifer</b>										
3,200.00	14.37	173.92	3,117.97	-676.89	72.06	195.06	0.00	0.00	0.00	
3,300.00	14.37	173.92	3,214.84	-701.57	74.69	202.17	0.00	0.00	0.00	
3,400.00	14.37	173.92	3,311.72	-726.25	77.31	209.28	0.00	0.00	0.00	
3,500.00	14.37	173.92	3,408.59	-750.93	79.94	216.39	0.00	0.00	0.00	
3,600.00	14.37	173.92	3,505.46	-775.61	82.57	223.50	0.00	0.00	0.00	
3,700.00	14.37	173.92	3,602.33	-800.29	85.20	230.61	0.00	0.00	0.00	
3,800.00	14.37	173.92	3,699.20	-824.97	87.82	237.73	0.00	0.00	0.00	
3,900.00	14.37	173.92	3,796.07	-849.65	90.45	244.84	0.00	0.00	0.00	

Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site:</b>	SEC 10-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
4,000.00	14.37	173.92	3,892.94	-874.33	93.08	251.95	0.00	0.00	0.00	
4,100.00	14.37	173.92	3,989.81	-899.01	95.70	259.06	0.00	0.00	0.00	
4,200.00	14.37	173.92	4,086.68	-923.69	98.33	266.17	0.00	0.00	0.00	
4,300.00	14.37	173.92	4,183.55	-948.37	100.96	273.29	0.00	0.00	0.00	
4,400.00	14.37	173.92	4,280.43	-973.05	103.59	280.40	0.00	0.00	0.00	
4,500.00	14.37	173.92	4,377.30	-997.73	106.21	287.51	0.00	0.00	0.00	
4,600.00	14.37	173.92	4,474.17	-1,022.41	108.84	294.62	0.00	0.00	0.00	
4,700.00	14.37	173.92	4,571.04	-1,047.09	111.47	301.73	0.00	0.00	0.00	
4,800.00	14.37	173.92	4,667.91	-1,071.77	114.10	308.85	0.00	0.00	0.00	
4,900.00	14.37	173.92	4,764.78	-1,096.45	116.72	315.96	0.00	0.00	0.00	
5,000.00	14.37	173.92	4,861.65	-1,121.13	119.35	323.07	0.00	0.00	0.00	
5,100.00	14.37	173.92	4,958.52	-1,145.81	121.98	330.18	0.00	0.00	0.00	
5,107.72	14.37	173.92	4,966.00	-1,147.71	122.18	330.73	0.00	0.00	0.00	
<b>Larimer sandstone</b>										
5,200.00	14.37	173.92	5,055.39	-1,170.49	124.61	337.29	0.00	0.00	0.00	
5,300.00	14.37	173.92	5,152.26	-1,195.17	127.23	344.41	0.00	0.00	0.00	
5,400.00	14.37	173.92	5,249.13	-1,219.85	129.86	351.52	0.00	0.00	0.00	
5,462.83	14.37	173.92	5,310.00	-1,235.36	131.51	355.99	0.00	0.00	0.00	
<b>Terry ("Sussex") sandstone</b>										
5,500.00	14.37	173.92	5,346.01	-1,244.53	132.49	358.63	0.00	0.00	0.00	
5,600.00	14.37	173.92	5,442.88	-1,269.21	135.11	365.74	0.00	0.00	0.00	
5,700.00	14.37	173.92	5,539.75	-1,293.89	137.74	372.85	0.00	0.00	0.00	
5,800.00	14.37	173.92	5,636.62	-1,318.57	140.37	379.97	0.00	0.00	0.00	
5,900.00	14.37	173.92	5,733.49	-1,343.25	143.00	387.08	0.00	0.00	0.00	
6,000.00	14.37	173.92	5,830.36	-1,367.93	145.62	394.19	0.00	0.00	0.00	
6,100.00	14.37	173.92	5,927.23	-1,392.61	148.25	401.30	0.00	0.00	0.00	
6,200.00	14.37	173.92	6,024.10	-1,417.29	150.88	408.41	0.00	0.00	0.00	
6,222.61	14.37	173.92	6,046.00	-1,422.87	151.47	410.02	0.00	0.00	0.00	
<b>Hygiene ("Shannon") sandstone</b>										
6,300.00	14.37	173.92	6,120.97	-1,441.97	153.51	415.53	0.00	0.00	0.00	
6,400.00	14.37	173.92	6,217.84	-1,466.65	156.13	422.64	0.00	0.00	0.00	
6,500.00	14.37	173.92	6,314.72	-1,491.33	158.76	429.75	0.00	0.00	0.00	
6,600.00	14.37	173.92	6,411.59	-1,516.01	161.39	436.86	0.00	0.00	0.00	
6,700.00	14.37	173.92	6,508.46	-1,540.69	164.02	443.97	0.00	0.00	0.00	
6,707.79	14.37	173.92	6,516.00	-1,542.61	164.22	444.53	0.00	0.00	0.00	
<b>Pierre shale</b>										
6,800.00	14.37	173.92	6,605.33	-1,565.37	166.64	451.09	0.00	0.00	0.00	
6,900.00	14.37	173.92	6,702.20	-1,590.05	169.27	458.20	0.00	0.00	0.00	
7,000.00	14.37	173.92	6,799.07	-1,614.73	171.90	465.31	0.00	0.00	0.00	
7,100.00	14.37	173.92	6,895.94	-1,639.41	174.53	472.42	0.00	0.00	0.00	
7,200.00	14.37	173.92	6,992.81	-1,664.09	177.15	479.53	0.00	0.00	0.00	
7,300.00	14.37	173.92	7,089.68	-1,688.77	179.78	486.65	0.00	0.00	0.00	
7,379.03	14.37	173.92	7,166.24	-1,708.28	181.86	492.27	0.00	0.00	0.00	
<b>Start DLS 10.00 TFO -83.33</b>										
7,400.00	14.76	165.72	7,186.54	-1,713.45	182.79	494.14	10.00	1.85	-39.11	
7,450.00	16.72	148.68	7,234.69	-1,725.78	188.10	501.62	10.00	3.92	-34.10	
7,500.00	19.75	135.91	7,282.19	-1,738.00	197.73	513.32	10.00	6.07	-25.53	
7,550.00	23.45	126.71	7,328.68	-1,750.02	211.59	529.16	10.00	7.39	-18.39	
7,600.00	27.54	120.01	7,373.82	-1,761.76	229.58	549.00	10.00	8.18	-13.41	
7,650.00	31.87	114.96	7,417.24	-1,773.11	251.57	572.70	10.00	8.67	-10.10	
7,700.00	36.36	111.02	7,458.63	-1,784.01	277.39	600.08	10.00	8.98	-7.87	
7,750.00	40.95	107.85	7,497.67	-1,794.35	306.84	630.93	10.00	9.19	-6.34	
7,800.00	45.62	105.22	7,534.06	-1,804.07	339.70	665.01	10.00	9.33	-5.26	
7,850.00	50.33	102.98	7,567.53	-1,813.09	375.71	702.07	10.00	9.43	-4.48	

Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site:</b>	SEC 10-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,900.00	55.09	101.03	7,597.82	-1,821.35	414.61	741.82	10.00	9.51	-3.90
7,950.00	59.87	99.30	7,624.69	-1,828.77	456.09	783.96	10.00	9.56	-3.47
8,000.00	64.67	97.72	7,647.96	-1,835.30	499.85	828.17	10.00	9.60	-3.15
8,016.98	66.30	97.22	7,655.00	-1,837.31	515.16	843.59	10.00	9.63	-2.98
<b>Sharon Springs Member</b>									
8,050.00	69.49	96.27	7,667.43	-1,840.90	545.55	874.12	10.00	9.64	-2.87
8,100.00	74.31	94.90	7,682.96	-1,845.52	592.83	921.45	10.00	9.66	-2.73
8,150.00	79.15	93.60	7,694.43	-1,849.12	641.35	969.80	10.00	9.67	-2.60
8,200.00	83.99	92.34	7,701.75	-1,851.68	690.73	1,018.81	10.00	9.68	-2.52
8,250.00	88.84	91.10	7,704.88	-1,853.18	740.59	1,068.10	10.00	9.69	-2.48
8,261.99	90.00	90.81	7,705.00	-1,853.38	752.57	1,079.92	10.00	9.69	-2.47
<b>Start 9925.14 hold at 8261.99 MD - Niobrara Formation</b>									
8,300.00	90.00	90.81	7,705.00	-1,853.91	790.58	1,117.38	0.00	0.00	0.00
8,400.00	90.00	90.81	7,705.00	-1,855.32	890.57	1,215.93	0.00	0.00	0.00
8,500.00	90.00	90.81	7,705.00	-1,856.73	990.56	1,314.48	0.00	0.00	0.00
8,600.00	90.00	90.81	7,705.00	-1,858.14	1,090.55	1,413.03	0.00	0.00	0.00
8,700.00	90.00	90.81	7,705.00	-1,859.55	1,190.54	1,511.58	0.00	0.00	0.00
8,800.00	90.00	90.81	7,705.00	-1,860.96	1,290.53	1,610.13	0.00	0.00	0.00
8,900.00	90.00	90.81	7,705.00	-1,862.37	1,390.52	1,708.68	0.00	0.00	0.00
9,000.00	90.00	90.81	7,705.00	-1,863.77	1,490.51	1,807.23	0.00	0.00	0.00
9,100.00	90.00	90.81	7,705.00	-1,865.18	1,590.50	1,905.79	0.00	0.00	0.00
9,200.00	90.00	90.81	7,705.00	-1,866.59	1,690.49	2,004.34	0.00	0.00	0.00
9,300.00	90.00	90.81	7,705.00	-1,868.00	1,790.48	2,102.89	0.00	0.00	0.00
9,400.00	90.00	90.81	7,705.00	-1,869.41	1,890.47	2,201.44	0.00	0.00	0.00
9,500.00	90.00	90.81	7,705.00	-1,870.82	1,990.46	2,299.99	0.00	0.00	0.00
9,600.00	90.00	90.81	7,705.00	-1,872.23	2,090.45	2,398.54	0.00	0.00	0.00
9,700.00	90.00	90.81	7,705.00	-1,873.64	2,190.44	2,497.09	0.00	0.00	0.00
9,800.00	90.00	90.81	7,705.00	-1,875.05	2,290.43	2,595.64	0.00	0.00	0.00
9,900.00	90.00	90.81	7,705.00	-1,876.46	2,390.42	2,694.19	0.00	0.00	0.00
10,000.00	90.00	90.81	7,705.00	-1,877.86	2,490.41	2,792.74	0.00	0.00	0.00
10,100.00	90.00	90.81	7,705.00	-1,879.27	2,590.40	2,891.29	0.00	0.00	0.00
10,200.00	90.00	90.81	7,705.00	-1,880.68	2,690.39	2,989.84	0.00	0.00	0.00
10,300.00	90.00	90.81	7,705.00	-1,882.09	2,790.38	3,088.39	0.00	0.00	0.00
10,400.00	90.00	90.81	7,705.00	-1,883.50	2,890.37	3,186.94	0.00	0.00	0.00
10,500.00	90.00	90.81	7,705.00	-1,884.91	2,990.36	3,285.49	0.00	0.00	0.00
10,600.00	90.00	90.81	7,705.00	-1,886.32	3,090.35	3,384.04	0.00	0.00	0.00
10,700.00	90.00	90.81	7,705.00	-1,887.73	3,190.34	3,482.59	0.00	0.00	0.00
10,800.00	90.00	90.81	7,705.00	-1,889.14	3,290.33	3,581.14	0.00	0.00	0.00
10,900.00	90.00	90.81	7,705.00	-1,890.55	3,390.32	3,679.69	0.00	0.00	0.00
11,000.00	90.00	90.81	7,705.00	-1,891.95	3,490.31	3,778.24	0.00	0.00	0.00
11,100.00	90.00	90.81	7,705.00	-1,893.36	3,590.30	3,876.79	0.00	0.00	0.00
11,200.00	90.00	90.81	7,705.00	-1,894.77	3,690.30	3,975.34	0.00	0.00	0.00
11,300.00	90.00	90.81	7,705.00	-1,896.18	3,790.29	4,073.90	0.00	0.00	0.00
11,400.00	90.00	90.81	7,705.00	-1,897.59	3,890.28	4,172.45	0.00	0.00	0.00
11,500.00	90.00	90.81	7,705.00	-1,899.00	3,990.27	4,271.00	0.00	0.00	0.00
11,600.00	90.00	90.81	7,705.00	-1,900.41	4,090.26	4,369.55	0.00	0.00	0.00
11,700.00	90.00	90.81	7,705.00	-1,901.82	4,190.25	4,468.10	0.00	0.00	0.00
11,800.00	90.00	90.81	7,705.00	-1,903.23	4,290.24	4,566.65	0.00	0.00	0.00
11,900.00	90.00	90.81	7,705.00	-1,904.64	4,390.23	4,665.20	0.00	0.00	0.00
12,000.00	90.00	90.81	7,705.00	-1,906.04	4,490.22	4,763.75	0.00	0.00	0.00
12,100.00	90.00	90.81	7,705.00	-1,907.45	4,590.21	4,862.30	0.00	0.00	0.00
12,200.00	90.00	90.81	7,705.00	-1,908.86	4,690.20	4,960.85	0.00	0.00	0.00
12,300.00	90.00	90.81	7,705.00	-1,910.27	4,790.19	5,059.40	0.00	0.00	0.00

Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site:</b>	SEC 10-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
12,400.00	90.00	90.81	7,705.00	-1,911.68	4,890.18	5,157.95	0.00	0.00	0.00	
12,500.00	90.00	90.81	7,705.00	-1,913.09	4,990.17	5,256.50	0.00	0.00	0.00	
12,600.00	90.00	90.81	7,705.00	-1,914.50	5,090.16	5,355.05	0.00	0.00	0.00	
12,700.00	90.00	90.81	7,705.00	-1,915.91	5,190.15	5,453.60	0.00	0.00	0.00	
12,800.00	90.00	90.81	7,705.00	-1,917.32	5,290.14	5,552.15	0.00	0.00	0.00	
12,900.00	90.00	90.81	7,705.00	-1,918.73	5,390.13	5,650.70	0.00	0.00	0.00	
13,000.00	90.00	90.81	7,705.00	-1,920.13	5,490.12	5,749.25	0.00	0.00	0.00	
13,100.00	90.00	90.81	7,705.00	-1,921.54	5,590.11	5,847.80	0.00	0.00	0.00	
13,200.00	90.00	90.81	7,705.00	-1,922.95	5,690.10	5,946.35	0.00	0.00	0.00	
13,300.00	90.00	90.81	7,705.00	-1,924.36	5,790.09	6,044.90	0.00	0.00	0.00	
13,400.00	90.00	90.81	7,705.00	-1,925.77	5,890.08	6,143.46	0.00	0.00	0.00	
13,500.00	90.00	90.81	7,705.00	-1,927.18	5,990.07	6,242.01	0.00	0.00	0.00	
13,600.00	90.00	90.81	7,705.00	-1,928.59	6,090.06	6,340.56	0.00	0.00	0.00	
13,700.00	90.00	90.81	7,705.00	-1,930.00	6,190.05	6,439.11	0.00	0.00	0.00	
13,800.00	90.00	90.81	7,705.00	-1,931.41	6,290.04	6,537.66	0.00	0.00	0.00	
13,900.00	90.00	90.81	7,705.00	-1,932.82	6,390.03	6,636.21	0.00	0.00	0.00	
14,000.00	90.00	90.81	7,705.00	-1,934.22	6,490.02	6,734.76	0.00	0.00	0.00	
14,100.00	90.00	90.81	7,705.00	-1,935.63	6,590.01	6,833.31	0.00	0.00	0.00	
14,200.00	90.00	90.81	7,705.00	-1,937.04	6,690.00	6,931.86	0.00	0.00	0.00	
14,300.00	90.00	90.81	7,705.00	-1,938.45	6,789.99	7,030.41	0.00	0.00	0.00	
14,400.00	90.00	90.81	7,705.00	-1,939.86	6,889.98	7,128.96	0.00	0.00	0.00	
14,500.00	90.00	90.81	7,705.00	-1,941.27	6,989.97	7,227.51	0.00	0.00	0.00	
14,600.00	90.00	90.81	7,705.00	-1,942.68	7,089.96	7,326.06	0.00	0.00	0.00	
14,700.00	90.00	90.81	7,705.00	-1,944.09	7,189.95	7,424.61	0.00	0.00	0.00	
14,800.00	90.00	90.81	7,705.00	-1,945.50	7,289.94	7,523.16	0.00	0.00	0.00	
14,900.00	90.00	90.81	7,705.00	-1,946.91	7,389.93	7,621.71	0.00	0.00	0.00	
15,000.00	90.00	90.81	7,705.00	-1,948.31	7,489.92	7,720.26	0.00	0.00	0.00	
15,100.00	90.00	90.81	7,705.00	-1,949.72	7,589.91	7,818.81	0.00	0.00	0.00	
15,200.00	90.00	90.81	7,705.00	-1,951.13	7,689.90	7,917.36	0.00	0.00	0.00	
15,300.00	90.00	90.81	7,705.00	-1,952.54	7,789.89	8,015.91	0.00	0.00	0.00	
15,400.00	90.00	90.81	7,705.00	-1,953.95	7,889.88	8,114.46	0.00	0.00	0.00	
15,500.00	90.00	90.81	7,705.00	-1,955.36	7,989.87	8,213.01	0.00	0.00	0.00	
15,600.00	90.00	90.81	7,705.00	-1,956.77	8,089.86	8,311.57	0.00	0.00	0.00	
15,700.00	90.00	90.81	7,705.00	-1,958.18	8,189.85	8,410.12	0.00	0.00	0.00	
15,800.00	90.00	90.81	7,705.00	-1,959.59	8,289.84	8,508.67	0.00	0.00	0.00	
15,900.00	90.00	90.81	7,705.00	-1,961.00	8,389.83	8,607.22	0.00	0.00	0.00	
16,000.00	90.00	90.81	7,705.00	-1,962.40	8,489.82	8,705.77	0.00	0.00	0.00	
16,100.00	90.00	90.81	7,705.00	-1,963.81	8,589.81	8,804.32	0.00	0.00	0.00	
16,200.00	90.00	90.81	7,705.00	-1,965.22	8,689.80	8,902.87	0.00	0.00	0.00	
16,300.00	90.00	90.81	7,705.00	-1,966.63	8,789.79	9,001.42	0.00	0.00	0.00	
16,400.00	90.00	90.81	7,705.00	-1,968.04	8,889.78	9,099.97	0.00	0.00	0.00	
16,500.00	90.00	90.81	7,705.00	-1,969.45	8,989.77	9,198.52	0.00	0.00	0.00	
16,600.00	90.00	90.81	7,705.00	-1,970.86	9,089.76	9,297.07	0.00	0.00	0.00	
16,700.00	90.00	90.81	7,705.00	-1,972.27	9,189.75	9,395.62	0.00	0.00	0.00	
16,800.00	90.00	90.81	7,705.00	-1,973.68	9,289.74	9,494.17	0.00	0.00	0.00	
16,900.00	90.00	90.81	7,705.00	-1,975.09	9,389.73	9,592.72	0.00	0.00	0.00	
17,000.00	90.00	90.81	7,705.00	-1,976.49	9,489.72	9,691.27	0.00	0.00	0.00	
17,100.00	90.00	90.81	7,705.00	-1,977.90	9,589.71	9,789.82	0.00	0.00	0.00	
17,200.00	90.00	90.81	7,705.00	-1,979.31	9,689.70	9,888.37	0.00	0.00	0.00	
17,300.00	90.00	90.81	7,705.00	-1,980.72	9,789.69	9,986.92	0.00	0.00	0.00	
17,400.00	90.00	90.81	7,705.00	-1,982.13	9,889.68	10,085.47	0.00	0.00	0.00	
17,500.00	90.00	90.81	7,705.00	-1,983.54	9,989.67	10,184.02	0.00	0.00	0.00	
17,600.00	90.00	90.81	7,705.00	-1,984.95	10,089.66	10,282.57	0.00	0.00	0.00	
17,700.00	90.00	90.81	7,705.00	-1,986.36	10,189.65	10,381.12	0.00	0.00	0.00	

Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site:</b>	SEC 10-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
17,800.00	90.00	90.81	7,705.00	-1,987.77	10,289.64	10,479.68	0.00	0.00	0.00	
17,900.00	90.00	90.81	7,705.00	-1,989.18	10,389.63	10,578.23	0.00	0.00	0.00	
18,000.00	90.00	90.81	7,705.00	-1,990.58	10,489.62	10,676.78	0.00	0.00	0.00	
18,100.00	90.00	90.81	7,705.00	-1,991.99	10,589.61	10,775.33	0.00	0.00	0.00	
18,187.13	90.00	90.81	7,705.00	-1,993.22	10,676.73	10,861.19	0.00	0.00	0.00	
<b>TD at 18187.13</b>										

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
PBHL-PF 4-65 11-12 4B - plan hits target center - Point	0.00	0.00	7,705.00	-1,993.22	10,676.73	1,685,414.30	3,251,945.76	39.711855°N	104.604449°W	
LP-PF 4-65 11-12 4BH - plan hits target center - Point	0.00	0.00	7,705.00	-1,853.38	752.57	1,685,460.45	3,242,020.78	39.712245°N	104.639724°W	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,444.08	1,417.00	Laramie Formation				
1,900.36	1,859.00	Fox Hills sandstone				
2,028.37	1,983.00	Pierre Formation				
2,412.38	2,355.00	Upper Pierre aquifer				
3,124.67	3,045.00	Base of Upper Pierre aquifer				
5,107.72	4,966.00	Larimer sandstone				
5,462.83	5,310.00	Terry ("Sussex") sandstone				
6,222.61	6,046.00	Hygiene ("Shannon") sandstone				
6,707.79	6,516.00	Pierre shale				
8,016.98	7,655.00	Sharon Springs Member				
8,261.99	7,705.00	Niobrara Formation				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
100.00	100.00	0.00	0.00	Start Build 2.00	
818.54	811.03	-89.14	9.49	Start 6560.49 hold at 818.54 MD	
7,379.03	7,166.24	-1,708.28	181.86	Start DLS 10.00 TFO -83.33	
8,261.99	7,705.00	-1,853.38	752.57	Start 9925.14 hold at 8261.99 MD	
18,187.13	7,705.00	-1,993.22	10,676.73	TD at 18187.13	

# **CRESTONE PEAK RESOURCES**

**ARAPAHOE COUNTY  
SEC 10-T4S-R65W  
PROSPER FARMS 4-65 11-12 4BH**

**OWB  
PROPOSAL 1**

## **Anticollision Report**

**21 July, 2022**

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

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

<b>Survey Tool Program</b>	Date	7/21/2022		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	18,187.13	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
SEC 10-T4S-R65W						
EXIST HZ PROSPER FARMS 4-65 11-12 1H - OWB - FI	100.00	70.72	2,492.91	2,492.65	9,593.881	CC, ES
EXIST HZ PROSPER FARMS 4-65 11-12 1H - OWB - FI	15,900.00	14,645.00	4,260.21	3,851.26	10.417	SF
EXIST HZ PROSPER FARMS 4-65 11-12 3AH - OWB - F	201.81	187.87	936.18	935.11	876.773	CC
EXIST HZ PROSPER FARMS 4-65 11-12 3AH - OWB - F	500.00	481.70	937.28	934.05	289.395	ES
EXIST HZ PROSPER FARMS 4-65 11-12 3AH - OWB - F	18,187.13	17,827.00	2,073.10	1,517.23	3.729	SF
EXIST HZ PROSPER FARMS 4-65 11-12 3BH - OWB - F	129.63	112.23	932.10	931.55	1,697.326	CC
EXIST HZ PROSPER FARMS 4-65 11-12 3BH - OWB - F	700.00	674.63	933.45	928.62	193.158	ES
EXIST HZ PROSPER FARMS 4-65 11-12 3BH - OWB - F	18,187.13	17,930.00	1,743.79	1,187.98	3.137	SF
EXIST HZ PROSPER FARMS 4-65 11-12 3CH - OWB - F	100.72	85.70	930.48	930.12	2,633.403	CC
EXIST HZ PROSPER FARMS 4-65 11-12 3CH - OWB - F	18,187.13	17,853.31	1,457.12	902.93	2.629	ES, SF
EXIST HZ PROSPER FARMS 4-65 11-12 3DH - OWB - F	889.20	863.82	925.87	919.39	142.991	CC
EXIST HZ PROSPER FARMS 4-65 11-12 3DH - OWB - F	18,187.13	18,010.00	1,135.27	581.32	2.049	ES, SF
EXIST HZ SKY RANCH 4-65 9-10 1H - OWB - FINAL SU	100.00	90.84	2,363.50	2,363.20	8,000.787	CC, ES
EXIST HZ SKY RANCH 4-65 9-10 1H - OWB - FINAL SU	11,000.00	7,256.00	5,443.07	5,356.66	62.993	SF
PROSPER FARMS 4-65 11-12 1BH - OWB - PROPOSA	100.00	102.00	139.89	139.61	515.154	CC, ES
PROSPER FARMS 4-65 11-12 1BH - OWB - PROPOSA	18,187.13	18,120.90	3,711.53	3,143.80	6.537	SF
PROSPER FARMS 4-65 11-12 2AH - OWB - PROPOSA	100.00	102.00	100.18	99.90	362.941	CC, ES
PROSPER FARMS 4-65 11-12 2AH - OWB - PROPOSA	18,187.13	18,034.09	3,191.72	2,623.98	5.622	SF
PROSPER FARMS 4-65 11-12 2BH - OWB - PROPOSA	100.00	102.00	80.14	79.87	290.350	CC, ES
PROSPER FARMS 4-65 11-12 2BH - OWB - PROPOSA	18,187.13	17,972.40	2,671.91	2,104.13	4.706	SF
PROSPER FARMS 4-65 11-12 4AH - OWB - PROPOSA	100.00	101.00	20.04	19.76	73.546	CC, ES
PROSPER FARMS 4-65 11-12 4AH - OWB - PROPOSA	18,187.13	18,062.20	599.95	31.72	1.056	Level 2, SF

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 2195-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference												SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 1H - OWB - FINAL SURVEY	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
0.00	0.00	0.00	0.00	0.00	0.00	19.02	2,356.83	812.36	2,493.08				
100.00	100.00	70.72	70.72	0.13	0.13	19.02	2,356.83	812.37	2,492.91	2,492.65	0.26	9,593.881	CC, ES
200.00	199.98	170.31	170.31	0.48	0.30	-154.91	2,356.84	812.40	2,494.51	2,493.73	0.79	3,173.914	
300.00	299.84	269.78	269.78	0.84	0.48	-154.92	2,356.86	812.45	2,499.29	2,497.96	1.32	1,890.063	
400.00	399.45	369.00	369.00	1.22	0.65	-154.93	2,356.89	812.52	2,507.24	2,505.37	1.87	1,343.272	
500.00	498.70	467.86	467.86	1.62	0.83	-154.95	2,356.93	812.61	2,518.36	2,515.94	2.42	1,042.065	

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 2195-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
600.00	597.47	566.23	566.23	2.05	1.00	-154.98	2,356.97	812.73	2,532.64	2,529.67	2.97	851.781		
700.00	695.62	664.00	664.00	2.51	1.18	-155.01	2,357.02	812.87	2,550.08	2,546.55	3.54	720.927		
800.00	793.06	761.04	761.04	3.00	1.35	-155.04	2,357.08	813.03	2,570.67	2,566.56	4.11	625.615		
900.00	889.94	857.53	857.52	3.53	1.52	-155.23	2,357.15	813.21	2,593.38	2,588.70	4.68	553.742		
1,000.00	986.81	954.00	954.00	4.06	1.69	-155.45	2,357.23	813.41	2,616.19	2,610.94	5.25	497.986		
1,100.00	1,083.68	1,050.47	1,050.47	4.60	1.86	-155.67	2,357.31	813.64	2,639.06	2,633.23	5.83	452.927		
1,200.00	1,180.55	1,146.93	1,146.93	5.15	2.03	-155.88	2,357.40	813.88	2,661.97	2,655.57	6.40	415.824		
1,300.00	1,277.42	1,243.39	1,243.39	5.69	2.20	-156.09	2,357.50	814.15	2,684.94	2,677.96	6.98	384.778		
1,400.00	1,374.30	1,339.85	1,339.85	6.24	2.38	-156.29	2,357.61	814.43	2,707.95	2,700.40	7.55	358.442		
1,500.00	1,471.17	1,436.31	1,436.31	6.79	2.55	-156.50	2,357.72	814.74	2,731.01	2,722.88	8.13	335.832		
1,600.00	1,568.04	1,532.76	1,532.76	7.34	2.72	-156.69	2,357.85	815.07	2,754.12	2,745.41	8.71	316.219		
1,700.00	1,664.91	1,629.21	1,629.21	7.89	2.89	-156.89	2,357.98	815.43	2,777.27	2,767.98	9.29	299.050		
1,800.00	1,761.78	1,725.66	1,725.66	8.45	3.06	-157.08	2,358.12	815.80	2,800.46	2,790.60	9.86	283.899		
1,900.00	1,858.65	1,822.11	1,822.10	9.00	3.23	-157.27	2,358.27	816.20	2,823.70	2,813.26	10.44	270.433		
2,000.00	1,955.52	1,918.55	1,918.54	9.55	3.40	-157.45	2,358.42	816.61	2,846.98	2,835.96	11.02	258.388		
2,100.00	2,052.39	2,014.98	2,014.98	10.11	3.57	-157.63	2,358.59	817.05	2,870.30	2,858.71	11.59	247.551		
2,200.00	2,149.26	2,111.42	2,111.41	10.66	3.74	-157.81	2,358.76	817.51	2,893.66	2,881.49	12.17	237.751		
2,300.00	2,246.13	2,207.85	2,207.84	11.22	3.92	-157.98	2,358.94	817.99	2,917.06	2,904.32	12.75	228.846		
2,400.00	2,343.01	2,282.64	2,282.62	11.77	4.20	-158.12	2,359.44	818.32	2,940.91	2,927.48	13.43	218.987		
2,500.00	2,439.88	2,381.89	2,381.87	12.33	4.56	-158.30	2,360.54	818.65	2,965.19	2,951.00	14.18	209.039		
2,600.00	2,536.75	2,465.08	2,465.05	12.88	4.85	-158.46	2,361.47	818.66	2,989.43	2,974.56	14.87	201.030		
2,700.00	2,633.62	2,545.66	2,545.62	13.44	5.12	-158.62	2,363.12	817.91	3,014.32	2,998.78	15.54	193.966		
2,800.00	2,730.49	2,629.86	2,629.78	13.99	5.41	-158.81	2,365.29	816.72	3,039.63	3,023.41	16.22	187.374		
2,900.00	2,827.36	2,784.09	2,783.94	14.55	5.95	-159.13	2,368.92	814.47	3,065.05	3,047.86	17.19	178.324		
3,000.00	2,924.23	2,886.65	2,886.48	15.10	6.29	-159.34	2,369.79	812.69	3,088.74	3,070.80	17.94	172.170		
3,100.00	3,021.10	2,993.85	2,993.66	15.66	6.66	-159.56	2,370.36	810.72	3,112.13	3,093.42	18.71	166.330		
3,200.00	3,117.97	3,086.85	3,086.65	16.21	6.98	-159.74	2,370.77	809.02	3,135.50	3,116.07	19.43	161.414		
3,300.00	3,214.84	3,179.80	3,179.58	16.77	7.30	-159.92	2,371.33	807.35	3,159.04	3,138.90	20.14	156.847		
3,400.00	3,311.72	3,277.77	3,277.54	17.33	7.63	-160.11	2,371.80	805.90	3,182.58	3,161.70	20.88	152.432		
3,500.00	3,408.59	3,365.88	3,365.65	17.88	7.94	-160.27	2,372.38	804.73	3,206.33	3,184.75	21.58	148.601		
3,600.00	3,505.46	3,467.74	3,467.49	18.44	8.29	-160.45	2,373.08	803.43	3,230.16	3,207.83	22.33	144.634		
3,700.00	3,602.33	3,566.88	3,566.63	18.99	8.64	-160.61	2,373.40	802.63	3,253.77	3,230.69	23.08	140.982		
3,800.00	3,699.20	3,647.30	3,647.04	19.55	8.92	-160.74	2,373.83	802.47	3,277.73	3,253.98	23.75	138.021		
3,900.00	3,796.07	3,734.71	3,734.45	20.11	9.24	-160.87	2,374.56	802.59	3,302.08	3,277.63	24.45	135.058		
4,000.00	3,892.94	3,827.02	3,826.75	20.66	9.56	-161.00	2,375.48	802.93	3,326.64	3,301.47	25.17	132.156		
4,100.00	3,989.81	3,913.10	3,912.83	21.22	9.87	-161.11	2,376.50	803.46	3,351.44	3,325.57	25.87	129.567		
4,200.00	4,086.68	4,068.93	4,068.65	21.78	10.41	-161.32	2,376.85	804.50	3,375.26	3,348.40	26.86	125.669		
4,300.00	4,183.55	4,163.30	4,163.02	22.33	10.74	-161.44	2,376.38	804.99	3,398.49	3,370.91	27.58	123.228		
4,400.00	4,280.43	4,256.52	4,256.24	22.89	11.06	-161.55	2,376.14	805.48	3,421.95	3,393.66	28.30	120.935		
4,500.00	4,377.30	4,346.30	4,346.01	23.44	11.37	-161.66	2,375.93	806.08	3,445.49	3,416.49	29.00	118.810		
4,600.00	4,474.17	4,459.84	4,459.55	24.00	11.77	-161.80	2,375.76	806.98	3,469.17	3,439.36	29.81	116.381		
4,700.00	4,571.04	4,590.22	4,589.92	24.56	12.22	-161.94	2,374.32	808.14	3,491.95	3,461.26	30.69	113.796		
4,800.00	4,667.91	4,707.72	4,707.39	25.11	12.62	-162.07	2,371.88	809.19	3,513.77	3,482.26	31.51	111.528		
4,900.00	4,764.78	4,794.04	4,793.69	25.67	12.92	-162.17	2,370.28	809.63	3,535.77	3,503.58	32.19	109.837		
5,000.00	4,861.65	4,894.62	4,894.25	26.23	13.26	-162.30	2,368.68	808.82	3,557.80	3,524.86	32.93	108.027		
5,100.00	4,958.52	4,994.78	4,994.40	26.78	13.60	-162.44	2,367.22	807.36	3,579.85	3,546.17	33.67	106.307		
5,200.00	5,055.39	5,082.42	5,082.02	27.34	13.90	-162.57	2,365.80	806.04	3,601.78	3,567.42	34.36	104.819		
5,300.00	5,152.26	5,145.93	5,145.51	27.90	14.12	-162.65	2,365.17	805.72	3,624.48	3,589.54	34.94	103.722		
5,400.00	5,249.13	5,261.35	5,260.94	28.45	14.52	-162.79	2,364.22	805.58	3,647.44	3,611.68	35.76	102.010		
5,500.00	5,346.01	5,360.61	5,360.18	29.01	14.86	-162.91	2,362.96	804.85	3,669.86	3,633.37	36.50	100.558		
5,600.00	5,442.88	5,429.00	5,428.57	29.57	15.10	-162.99	2,362.61	804.51	3,693.02	3,655.93	37.10	99.549		
5,700.00	5,539.75	5,507.19	5,506.76	30.12	15.37	-163.09	2,362.67	804.40	3,716.84	3,679.10	37.74	98.474		

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

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 1H - OWB - FINAL SURVEY	Offset Site Error:	0.00 usft
Survey Program:													2195-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,800.00	5,636.62	5,604.81	5,604.38	30.68	15.71	-163.20	2,362.82	804.17	3,740.76	3,702.28	38.48	97.213			
5,900.00	5,733.49	5,695.55	5,695.11	31.24	16.02	-163.31	2,363.06	803.61	3,764.74	3,725.56	39.18	96.082			
6,000.00	5,830.36	5,798.58	5,798.15	31.79	16.38	-163.44	2,363.43	802.70	3,788.78	3,748.84	39.94	94.857			
6,100.00	5,927.23	5,886.62	5,886.18	32.35	16.69	-163.55	2,363.76	801.73	3,812.81	3,772.18	40.63	93.839			
6,200.00	6,024.10	5,947.14	5,946.70	32.91	16.90	-163.63	2,364.27	801.31	3,837.39	3,796.20	41.19	93.158			
6,300.00	6,120.97	6,006.88	6,006.42	33.46	17.11	-163.69	2,365.30	801.70	3,863.01	3,821.26	41.75	92.535			
6,400.00	6,217.84	6,096.66	6,096.17	34.02	17.43	-163.77	2,367.22	802.74	3,889.12	3,846.67	42.45	91.623			
6,500.00	6,314.72	6,186.13	6,185.61	34.58	17.74	-163.85	2,369.25	804.05	3,915.42	3,872.27	43.15	90.749			
6,600.00	6,411.59	6,276.00	6,275.54	35.13	18.05	-163.98	2,371.60	806.98	3,941.08	3,896.01	45.07	87.435			
6,700.00	6,508.46	6,365.87	6,365.36	35.69	18.37	-164.13	2,369.90	809.65	3,963.95	3,918.58	45.37	87.378			
6,800.00	6,605.33	6,455.74	6,455.23	36.25	18.69	-164.20	2,368.61	810.42	3,986.57	3,940.53	46.04	86.589			
6,900.00	6,702.20	6,545.61	6,545.10	36.81	19.01	-164.27	2,367.62	811.42	4,009.58	3,962.85	46.73	85.811			
7,000.00	6,799.07	6,635.48	6,634.97	37.36	19.33	-164.35	2,366.71	812.16	4,032.72	3,985.28	47.45	84.997			
7,100.00	6,895.94	6,725.35	6,724.84	37.92	19.65	-164.45	2,366.16	811.23	4,055.95	4,007.80	48.15	84.241			
7,200.00	6,992.81	6,815.22	6,814.71	38.48	20.00	-164.56	2,365.84	809.88	4,079.36	4,030.51	48.85	83.500			
7,300.00	7,089.68	6,905.09	6,904.58	39.03	20.36	-164.66	2,365.50	808.80	4,102.83	4,053.26	49.57	82.770			
7,400.00	7,186.54	7,000.00	7,000.00	39.59	21.13	-164.77	2,365.31	808.39	4,126.46	4,076.25	50.21	82.176			
7,500.00	7,282.19	7,090.00	7,090.00	40.15	21.35	-164.85	2,364.98	812.47	4,148.90	4,098.08	50.81	81.655			
7,600.00	7,378.82	7,180.00	7,180.00	40.71	21.54	-164.95	2,364.38	821.23	4,168.91	4,117.53	51.39	81.130			
7,700.00	7,475.45	7,270.00	7,270.00	41.25	21.68	-165.05	2,363.94	830.09	4,186.20	4,134.29	51.91	80.650			
7,800.00	7,572.08	7,360.00	7,360.00	41.77	21.79	-165.13	2,363.85	838.47	4,200.70	4,148.27	52.42	80.128			
7,900.00	7,668.71	7,450.00	7,450.00	42.29	22.01	-165.20	2,363.98	857.89	4,212.03	4,158.84	53.19	79.191			
8,000.00	7,765.34	7,540.00	7,540.00	42.80	22.28	-165.28	2,363.48	889.01	4,219.39	4,165.21	54.18	77.879			
8,100.00	7,861.97	7,630.00	7,630.00	43.34	22.41	-165.36	2,363.13	905.13	4,223.03	4,167.96	55.07	76.684			
8,200.00	7,958.60	7,720.00	7,720.00	43.90	22.49	-165.48	2,363.11	915.73	4,223.65	4,167.62	56.03	75.381			
8,300.00	8,055.23	7,810.00	7,810.00	44.51	22.49	-165.61	2,363.11	915.73	4,221.86	4,164.88	56.98	74.093			
8,373.67	7,705.00	7,557.41	7,533.37	45.03	22.57	-88.06	2,363.33	926.37	4,221.15	4,163.24	57.92	72.885			
8,400.00	7,705.00	7,569.00	7,542.90	45.23	22.61	-88.19	2,363.62	932.96	4,221.25	4,162.97	58.28	72.432			
8,500.00	7,705.00	7,790.00	7,695.05	46.08	23.80	-90.26	2,364.85	1,091.33	4,222.83	4,161.42	61.41	68.767			
8,567.67	7,705.00	7,821.00	7,711.32	46.74	24.03	-90.48	2,364.18	1,117.71	4,222.43	4,159.79	62.63	67.415			
8,600.00	7,705.00	7,821.00	7,711.32	47.08	24.03	-90.48	2,364.18	1,117.71	4,222.55	4,159.50	63.05	66.968			
8,700.00	7,705.00	7,865.43	7,732.25	48.22	24.39	-90.76	2,363.93	1,156.89	4,223.99	4,159.02	64.97	65.012			
8,800.00	7,705.00	8,063.76	7,787.98	49.50	26.51	-91.52	2,362.46	1,346.43	4,225.27	4,155.96	69.31	60.961			
8,900.00	7,705.00	8,123.59	7,794.64	50.91	27.30	-91.61	2,361.81	1,405.87	4,225.87	4,153.98	71.89	58.785			
9,000.00	7,705.00	8,292.37	7,795.08	52.45	29.85	-91.61	2,359.85	1,574.53	4,226.13	4,149.45	76.69	55.110			
9,100.00	7,705.00	8,394.10	7,793.18	54.11	31.61	-91.59	2,357.75	1,676.22	4,225.43	4,144.91	80.52	52.475			
9,167.69	7,705.00	8,435.59	7,792.84	55.29	32.37	-91.58	2,357.05	1,717.70	4,225.22	4,142.60	82.62	51.140			
9,200.00	7,705.00	8,455.39	7,792.71	55.87	32.73	-91.58	2,356.80	1,737.50	4,225.27	4,141.65	83.62	50.528			
9,300.00	7,705.00	8,567.49	7,791.69	57.72	34.89	-91.57	2,355.59	1,849.59	4,225.59	4,137.60	88.00	48.020			
9,400.00	7,705.00	8,643.42	7,791.34	59.65	36.42	-91.56	2,354.76	1,925.51	4,225.89	4,134.23	91.66	46.103			
9,500.00	7,705.00	8,762.14	7,792.26	61.66	38.91	-91.58	2,353.60	2,044.22	4,226.36	4,129.87	96.49	43.803			
9,600.00	7,705.00	8,882.09	7,793.08	63.73	41.54	-91.59	2,351.74	2,164.15	4,226.24	4,124.75	101.49	41.641			
9,700.00	7,705.00	8,999.16	7,793.94	65.85	44.17	-91.60	2,349.47	2,281.20	4,225.73	4,119.20	106.53	39.668			
9,800.00	7,705.00	9,139.90	7,794.77	68.02	47.41	-91.61	2,345.81	2,421.89	4,224.58	4,112.28	112.30	37.620			
9,900.00	7,705.00	9,194.56	7,795.10	70.23	48.70	-91.62	2,344.45	2,476.53	4,223.46	4,107.67	115.79	36.475			
9,959.06	7,705.00	9,227.00	7,795.41	71.56	49.47	-91.62	2,343.86	2,508.96	4,223.26	4,105.39	117.87	35.831			
10,000.00	7,705.00	9,254.91	7,795.70	72.48	50.13	-91.62	2,343.49	2,536.87	4,223.31	4,103.85	119.46	35.353			
10,100.00	7,705.00	9,322.00	7,796.23	74.77	51.73	-91.63	2,343.06	2,603.95	4,224.07	4,100.73	123.34	34.247			
10,200.00	7,705.00	9,444.58	7,796.88	77.09	54.70	-91.64	2,342.31	2,726.53	4,224.88	4,096.03	128.85	32.789			
10,300.00	7,705.00	9,554.66	7,796.06	79.43	57.39	-91.63	2,341.39	2,836.60	4,225.44	4,091.39	134.05	31.522			
10,400.00	7,705.00	9,678.86	7,794.47	81.80	60.45	-91.61	2,339.63	2,960.78	4,225.38	4,085.69	139.69	30.248			
10,500.00	7,705.00	9,774.58	7,792.95	84.19	62.84	-91.59	2,338.09	3,056.48	4,225.14	4,080.59	144.55	29.230			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 2195-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis		Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,600.00	7,705.00	9,905.80	7,791.08	86.60	66.13	-91.56	2,335.51	3,187.66	4,224.51	4,074.04	150.47	28.075		
10,699.46	7,705.00	9,967.46	7,790.42	89.02	67.68	-91.55	2,334.38	3,249.30	4,224.07	4,069.70	154.37	27.363		
10,700.00	7,705.00	9,967.80	7,790.42	89.03	67.69	-91.55	2,334.38	3,249.64	4,224.07	4,069.68	154.39	27.359		
10,800.00	7,705.00	10,081.56	7,789.72	91.47	70.57	-91.54	2,332.78	3,363.39	4,224.08	4,064.22	159.86	26.424		
10,900.00	7,705.00	10,204.83	7,787.28	93.93	73.71	-91.51	2,329.94	3,486.60	4,223.05	4,057.42	165.63	25.497		
10,979.56	7,705.00	10,250.53	7,786.73	95.90	74.88	-91.50	2,329.10	3,532.28	4,222.68	4,054.00	168.68	25.034		
11,000.00	7,705.00	10,267.00	7,786.66	96.41	75.30	-91.50	2,328.88	3,548.75	4,222.69	4,053.09	169.60	24.897		
11,100.00	7,705.00	10,378.23	7,786.30	98.89	78.16	-91.50	2,327.18	3,659.97	4,222.56	4,047.50	175.06	24.121		
11,134.25	7,705.00	10,402.29	7,786.28	99.75	78.78	-91.50	2,326.81	3,684.03	4,222.51	4,046.00	176.51	23.922		
11,200.00	7,705.00	10,448.48	7,786.42	101.39	79.96	-91.50	2,326.26	3,730.21	4,222.67	4,043.37	179.29	23.552		
11,300.00	7,705.00	10,559.58	7,786.95	103.90	82.83	-91.51	2,325.12	3,841.31	4,223.07	4,038.29	184.78	22.855		
11,400.00	7,705.00	10,690.34	7,787.31	106.42	86.22	-91.51	2,322.97	3,972.05	4,222.82	4,031.95	190.87	22.124		
11,497.99	7,705.00	10,766.03	7,787.17	108.90	88.18	-91.51	2,321.53	4,047.72	4,222.38	4,027.11	195.27	21.624		
11,500.00	7,705.00	10,767.00	7,787.17	108.95	88.20	-91.51	2,321.51	4,048.69	4,222.38	4,027.04	195.34	21.616		
11,600.00	7,705.00	10,834.00	7,787.18	111.48	89.95	-91.51	2,321.15	4,115.69	4,223.10	4,023.59	199.51	21.167		
11,700.00	7,705.00	10,924.65	7,787.14	114.03	92.30	-91.51	2,321.12	4,206.34	4,224.43	4,020.01	204.41	20.666		
11,800.00	7,705.00	11,037.62	7,786.78	116.58	95.25	-91.50	2,320.51	4,319.31	4,225.29	4,015.28	210.02	20.119		
11,900.00	7,705.00	11,150.68	7,785.84	119.14	98.20	-91.49	2,319.70	4,432.37	4,225.97	4,010.34	215.63	19.598		
12,000.00	7,705.00	11,250.70	7,785.13	121.70	100.82	-91.48	2,318.47	4,532.37	4,226.13	4,005.28	220.85	19.136		
12,100.00	7,705.00	11,329.59	7,784.81	124.27	102.89	-91.48	2,318.03	4,611.26	4,226.94	4,001.51	225.43	18.751		
12,200.00	7,705.00	11,503.68	7,783.14	126.85	107.46	-91.45	2,315.74	4,785.32	4,227.04	3,994.10	232.94	18.146		
12,300.00	7,705.00	11,570.62	7,782.17	129.43	109.22	-91.44	2,314.59	4,852.25	4,226.65	3,989.47	237.18	17.821		
12,309.09	7,705.00	11,577.19	7,782.11	129.66	109.40	-91.44	2,314.50	4,858.81	4,226.65	3,989.07	237.58	17.791		
12,400.00	7,705.00	11,617.61	7,781.82	132.01	110.46	-91.43	2,314.12	4,899.23	4,227.14	3,986.36	240.78	17.556		
12,500.00	7,705.00	11,655.33	7,781.79	134.60	111.45	-91.43	2,314.32	4,936.95	4,229.07	3,985.01	244.05	17.328		
12,600.00	7,705.00	11,718.82	7,782.15	137.20	113.12	-91.44	2,315.62	5,000.43	4,232.40	3,984.27	248.12	17.058		
12,700.00	7,705.00	11,879.65	7,782.08	139.80	117.36	-91.44	2,317.95	5,161.24	4,235.28	3,979.94	255.35	16.586		
12,800.00	7,705.00	11,996.58	7,782.43	142.40	120.44	-91.44	2,318.43	5,278.16	4,237.10	3,975.95	261.15	16.225		
12,900.00	7,705.00	12,095.00	7,782.12	145.00	123.04	-91.43	2,318.78	5,376.58	4,238.86	3,972.48	266.37	15.913		
13,000.00	7,705.00	12,245.03	7,781.76	147.61	127.01	-91.43	2,318.63	5,526.62	4,240.24	3,967.01	273.23	15.519		
13,100.00	7,705.00	12,369.60	7,780.21	150.23	130.31	-91.41	2,317.17	5,651.16	4,240.43	3,961.16	279.28	15.184		
13,200.00	7,705.00	12,553.58	7,775.78	152.84	135.19	-91.35	2,313.41	5,835.04	4,240.01	3,952.91	287.11	14.768		
13,300.00	7,705.00	12,635.98	7,773.58	155.46	137.38	-91.32	2,310.97	5,917.38	4,238.36	3,946.48	291.88	14.521		
13,400.00	7,705.00	12,719.90	7,771.77	158.08	139.61	-91.30	2,308.65	6,001.25	4,236.96	3,940.26	296.70	14.280		
13,500.00	7,705.00	12,811.24	7,769.83	160.70	142.04	-91.27	2,306.39	6,092.54	4,235.85	3,934.11	301.74	14.038		
13,600.00	7,705.00	12,894.53	7,767.85	163.33	144.25	-91.24	2,304.58	6,175.79	4,235.03	3,928.49	306.54	13.816		
13,700.00	7,705.00	12,975.37	7,765.95	165.96	146.40	-91.22	2,303.16	6,256.59	4,234.63	3,923.38	311.26	13.605		
13,800.00	7,705.00	13,127.59	7,760.67	168.59	150.45	-91.15	2,299.98	6,408.68	4,233.90	3,915.74	318.16	13.308		
13,900.00	7,705.00	13,213.09	7,757.56	171.22	152.73	-91.10	2,297.89	6,494.09	4,232.77	3,909.74	323.03	13.103		
14,000.00	7,705.00	13,337.56	7,753.97	173.86	156.05	-91.06	2,294.26	6,618.46	4,231.15	3,902.06	329.09	12.857		
14,100.00	7,705.00	13,408.07	7,752.92	176.49	157.93	-91.04	2,292.30	6,688.93	4,229.79	3,896.28	333.52	12.682		
14,186.37	7,705.00	13,455.10	7,752.51	178.77	159.18	-91.04	2,291.43	6,735.95	4,229.39	3,892.49	336.91	12.554		
14,200.00	7,705.00	13,462.52	7,752.46	179.13	159.38	-91.04	2,291.33	6,743.37	4,229.40	3,891.97	337.44	12.534		
14,300.00	7,705.00	13,520.31	7,752.19	181.77	160.92	-91.03	2,290.91	6,801.16	4,230.06	3,888.64	341.43	12.389		
14,400.00	7,705.00	13,607.23	7,752.10	184.41	163.23	-91.03	2,291.11	6,888.08	4,231.66	3,885.33	346.33	12.219		
14,500.00	7,705.00	13,758.72	7,750.66	187.06	167.28	-91.01	2,289.83	7,039.56	4,232.04	3,878.76	353.29	11.979		
14,600.00	7,705.00	13,990.94	7,749.66	189.70	173.48	-91.00	2,281.84	7,271.62	4,229.07	3,866.47	362.59	11.663		
14,700.00	7,705.00	14,049.00	7,749.85	192.35	175.03	-91.00	2,279.75	7,329.64	4,226.79	3,860.09	366.70	11.526		
14,800.00	7,705.00	14,093.95	7,750.15	194.99	176.23	-91.01	2,278.64	7,374.58	4,225.63	3,855.25	370.38	11.409		
14,854.46	7,705.00	14,123.30	7,750.27	196.44	177.02	-91.01	2,278.13	7,403.92	4,225.47	3,852.96	372.51	11.343		
14,900.00	7,705.00	14,149.93	7,750.31	197.64	177.73	-91.01	2,277.83	7,430.54	4,225.58	3,851.24	374.34	11.288		
15,000.00	7,705.00	14,233.08	7,750.44	200.29	179.95	-91.01	2,277.19	7,513.69	4,226.23	3,847.09	379.14	11.147		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 2195-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,100.00	7,705.00	14,326.24	7,750.73	202.95	182.44	-91.01	2,276.75	7,606.85	4,227.16	3,842.91	384.26	11.001		
15,200.00	7,705.00	14,443.30	7,751.30	205.60	185.57	-91.02	2,276.06	7,723.91	4,228.00	3,837.86	390.14	10.837		
15,300.00	7,705.00	14,588.89	7,750.53	208.25	189.46	-91.01	2,274.25	7,869.48	4,228.19	3,831.29	396.90	10.653		
15,376.13	7,705.00	14,645.00	7,749.38	210.27	190.96	-90.99	2,273.21	7,925.57	4,227.88	3,827.53	400.35	10.560		
15,400.00	7,705.00	14,645.00	7,749.38	210.91	190.96	-90.99	2,273.21	7,925.57	4,227.95	3,827.07	400.87	10.547		
15,500.00	7,705.00	14,645.00	7,749.38	213.56	190.96	-90.99	2,273.21	7,925.57	4,229.70	3,826.76	402.94	10.497		
15,600.00	7,705.00	14,645.00	7,749.38	216.22	190.96	-90.99	2,273.21	7,925.57	4,233.80	3,829.03	404.78	10.460		
15,700.00	7,705.00	14,645.00	7,749.38	218.88	190.96	-90.99	2,273.21	7,925.57	4,240.27	3,833.88	406.39	10.434		
15,800.00	7,705.00	14,645.00	7,749.38	221.54	190.96	-90.99	2,273.21	7,925.57	4,249.08	3,841.29	407.79	10.420		
15,900.00	7,705.00	14,645.00	7,749.38	224.20	190.96	-90.99	2,273.21	7,925.57	4,260.21	3,851.26	408.96	10.417 SF		
16,000.00	7,705.00	14,645.00	7,749.38	226.86	190.96	-90.99	2,273.21	7,925.57	4,273.66	3,863.76	409.90	10.426		
16,100.00	7,705.00	14,645.00	7,749.38	229.52	190.96	-90.99	2,273.21	7,925.57	4,289.40	3,878.77	410.63	10.446		
16,200.00	7,705.00	14,645.00	7,749.38	232.18	190.96	-90.99	2,273.21	7,925.57	4,307.41	3,896.26	411.15	10.477		
16,300.00	7,705.00	14,645.00	7,749.38	234.85	190.96	-90.99	2,273.21	7,925.57	4,327.65	3,916.19	411.45	10.518		
16,400.00	7,705.00	14,645.00	7,749.38	237.51	190.96	-90.99	2,273.21	7,925.57	4,350.09	3,938.54	411.55	10.570		
16,500.00	7,705.00	14,645.00	7,749.38	240.17	190.96	-90.99	2,273.21	7,925.57	4,374.71	3,963.26	411.45	10.632		
16,600.00	7,705.00	14,645.00	7,749.38	242.84	190.96	-90.99	2,273.21	7,925.57	4,401.46	3,990.31	411.15	10.705		
16,700.00	7,705.00	14,645.00	7,749.38	245.51	190.96	-90.99	2,273.21	7,925.57	4,430.31	4,019.64	410.67	10.788		
16,800.00	7,705.00	14,645.00	7,749.38	248.17	190.96	-90.99	2,273.21	7,925.57	4,461.21	4,051.20	410.01	10.881		
16,900.00	7,705.00	14,645.00	7,749.38	250.84	190.96	-90.99	2,273.21	7,925.57	4,494.13	4,084.94	409.19	10.983		
17,000.00	7,705.00	14,645.00	7,749.38	253.51	190.96	-90.99	2,273.21	7,925.57	4,529.01	4,120.81	408.20	11.095		
17,100.00	7,705.00	14,645.00	7,749.38	256.18	190.96	-90.99	2,273.21	7,925.57	4,565.82	4,158.76	407.06	11.217		
17,200.00	7,705.00	14,645.00	7,749.38	258.85	190.96	-90.99	2,273.21	7,925.57	4,604.51	4,198.73	405.78	11.347		
17,300.00	7,705.00	14,645.00	7,749.38	261.52	190.96	-90.99	2,273.21	7,925.57	4,645.03	4,240.66	404.37	11.487		
17,400.00	7,705.00	14,645.00	7,749.38	264.19	190.96	-90.99	2,273.21	7,925.57	4,687.33	4,284.50	402.83	11.636		
17,500.00	7,705.00	14,645.00	7,749.38	266.86	190.96	-90.99	2,273.21	7,925.57	4,731.37	4,330.19	401.18	11.794		
17,600.00	7,705.00	14,645.00	7,749.38	269.53	190.96	-90.99	2,273.21	7,925.57	4,777.09	4,377.67	399.42	11.960		
17,700.00	7,705.00	14,645.00	7,749.38	272.20	190.96	-90.99	2,273.21	7,925.57	4,824.46	4,426.89	397.56	12.135		
17,800.00	7,705.00	14,645.00	7,749.38	274.87	190.96	-90.99	2,273.21	7,925.57	4,873.41	4,477.80	395.62	12.319		
17,900.00	7,705.00	14,645.00	7,749.38	277.55	190.96	-90.99	2,273.21	7,925.57	4,923.91	4,530.32	393.59	12.510		
18,000.00	7,705.00	14,645.00	7,749.38	280.22	190.96	-90.99	2,273.21	7,925.57	4,975.91	4,584.42	391.49	12.710		
18,100.00	7,705.00	14,645.00	7,749.38	282.89	190.96	-90.99	2,273.21	7,925.57	5,029.36	4,640.03	389.33	12.918		
18,187.13	7,705.00	14,645.00	7,749.38	285.22	190.96	-90.99	2,273.21	7,925.57	5,077.08	4,689.68	387.40	13.106		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3AH - 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	83.90	99.46	931.15	936.55						
100.00	100.00	88.15	88.15	0.13	0.22	83.90	99.47	931.04	936.34	935.98	0.36	2,608.293			
200.00	199.98	186.14	186.14	0.48	0.57	-90.14	99.56	930.87	936.18	935.13	1.06	887.260			
201.81	201.79	187.87	187.87	0.49	0.58	-90.14	99.57	930.87	936.18	935.11	1.07	876.773 CC			
300.00	299.84	283.56	283.56	0.84	0.92	-90.49	100.27	930.97	936.40	934.64	1.76	532.882			
400.00	399.45	383.58	383.57	1.22	1.27	-91.07	101.17	931.04	936.68	934.19	2.49	376.271			
500.00	498.70	481.70	481.69	1.62	1.62	-91.83	101.89	931.22	937.28	934.05	3.24	289.395 ES			
600.00	597.47	579.62	579.60	2.05	1.97	-92.78	102.58	931.47	938.27	934.26	4.01	233.698			
700.00	695.62	678.15	678.14	2.51	2.32	-93.93	103.23	931.79	939.85	935.02	4.83	194.777			
800.00	793.06	775.92	775.90	3.00	2.67	-95.25	103.76	932.02	942.04	936.38	5.67	166.215			
900.00	889.94	873.14	873.12	3.53	3.01	-96.70	103.93	932.30	945.04	938.51	6.53	144.754			
1,000.00	986.81	971.33	971.32	4.06	3.34	-98.16	103.82	932.57	948.59	941.20	7.39	128.307			
1,100.00	1,083.68	1,069.04	1,069.02	4.60	3.68	-99.59	103.62	932.74	952.65	944.40	8.26	115.384			
1,200.00	1,180.55	1,166.28	1,166.26	5.15	4.01	-101.00	103.36	932.86	957.28	948.16	9.12	104.975			
1,300.00	1,277.42	1,264.03	1,264.01	5.69	4.34	-102.40	103.15	932.92	962.45	952.47	9.98	96.403			
1,400.00	1,374.30	1,362.32	1,362.30	6.24	4.68	-103.80	102.81	932.88	968.10	957.25	10.85	89.235			
1,500.00	1,471.17	1,458.51	1,458.49	6.79	5.01	-105.14	102.40	932.87	974.32	962.61	11.71	83.236			
1,600.00	1,568.04	1,555.18	1,555.16	7.34	5.35	-106.48	101.95	932.92	981.15	968.58	12.56	78.102			
1,700.00	1,664.91	1,650.71	1,650.69	7.89	5.68	-107.78	101.58	933.01	988.60	975.19	13.41	73.708			
1,800.00	1,761.78	1,745.64	1,745.62	8.45	6.02	-109.04	101.20	933.34	996.82	982.56	14.26	69.915			
1,900.00	1,858.65	1,842.59	1,842.56	9.00	6.36	-110.32	100.93	933.73	1,005.65	990.54	15.11	66.569			
2,000.00	1,955.52	1,940.12	1,940.10	9.55	6.70	-111.59	100.69	934.03	1,014.94	998.98	15.95	63.618			
2,100.00	2,052.39	2,037.06	2,037.03	10.11	7.05	-112.83	100.44	934.32	1,024.72	1,007.93	16.79	61.020			
2,200.00	2,149.26	2,134.04	2,134.01	10.66	7.39	-114.04	100.17	934.62	1,034.98	1,017.36	17.63	58.712			
2,300.00	2,246.13	2,230.79	2,230.76	11.22	7.73	-115.23	99.85	934.95	1,045.73	1,027.27	18.46	56.658			
2,400.00	2,343.01	2,327.54	2,327.51	11.77	8.08	-116.40	99.77	935.17	1,056.96	1,037.68	19.28	54.822			
2,500.00	2,439.88	2,424.03	2,424.01	12.33	8.42	-117.56	99.83	935.31	1,068.67	1,048.57	20.09	53.185			
2,600.00	2,536.75	2,520.20	2,520.17	12.88	8.75	-118.69	99.96	935.45	1,080.87	1,059.97	20.90	51.720			
2,700.00	2,633.62	2,618.09	2,618.06	13.44	9.10	-119.81	100.04	935.64	1,093.50	1,071.79	21.71	50.380			
2,800.00	2,730.49	2,718.23	2,718.20	13.99	9.44	-120.95	100.13	935.58	1,106.36	1,083.85	22.51	49.150			
2,900.00	2,827.36	2,814.71	2,814.68	14.55	9.77	-122.01	100.02	935.49	1,119.47	1,096.17	23.30	48.054			
3,000.00	2,924.23	2,909.20	2,909.17	15.10	10.11	-123.01	99.88	935.58	1,133.09	1,109.02	24.08	47.065			
3,100.00	3,021.10	3,008.73	3,008.70	15.66	10.45	-124.06	99.84	935.60	1,147.10	1,122.23	24.87	46.129			
3,200.00	3,117.97	3,103.93	3,103.90	16.21	10.79	-125.03	99.77	935.58	1,161.41	1,135.77	25.63	45.306			
3,300.00	3,214.84	3,200.79	3,200.76	16.77	11.12	-126.00	99.76	935.60	1,176.14	1,149.73	26.41	44.541			
3,400.00	3,311.72	3,301.19	3,301.16	17.33	11.47	-126.98	99.71	935.46	1,191.06	1,163.88	27.18	43.815			
3,500.00	3,408.59	3,392.70	3,392.67	17.88	11.79	-127.86	99.74	935.42	1,206.43	1,178.51	27.92	43.208			
3,600.00	3,505.46	3,492.05	3,492.02	18.44	12.13	-128.78	99.79	935.42	1,222.16	1,193.47	28.69	42.599			
3,700.00	3,602.33	3,586.93	3,586.90	18.99	12.46	-129.65	99.90	935.37	1,238.20	1,208.77	29.43	42.068			
3,800.00	3,699.20	3,686.02	3,686.99	19.55	12.80	-130.53	99.92	935.40	1,254.52	1,224.32	30.20	41.546			
3,900.00	3,796.07	3,785.69	3,785.66	20.11	13.15	-131.39	99.89	935.14	1,270.88	1,239.93	30.96	41.055			
4,000.00	3,892.94	3,881.31	3,881.27	20.66	13.48	-132.21	99.87	934.76	1,287.44	1,255.75	31.69	40.626			
4,100.00	3,989.81	3,974.19	3,974.16	21.22	13.80	-132.98	100.02	934.63	1,304.55	1,272.14	32.41	40.251			
4,200.00	4,086.68	4,072.19	4,072.16	21.78	14.14	-133.76	100.04	934.70	1,321.94	1,288.78	33.16	39.868			
4,300.00	4,183.55	4,167.98	4,167.95	22.33	14.48	-134.50	100.02	934.85	1,339.58	1,305.69	33.89	39.523			
4,400.00	4,280.43	4,265.22	4,265.18	22.89	14.82	-135.24	100.09	934.99	1,357.52	1,322.88	34.63	39.198			
4,500.00	4,377.30	4,363.74	4,363.71	23.44	15.17	-135.97	100.06	934.99	1,375.50	1,340.12	35.37	38.885			
4,600.00	4,474.17	4,458.37	4,458.33	24.00	15.50	-136.65	100.09	935.04	1,393.78	1,357.68	36.09	38.616			
4,700.00	4,571.04	4,555.71	4,555.67	24.56	15.84	-137.33	100.25	935.08	1,412.34	1,375.52	36.82	38.355			
4,800.00	4,667.91	4,653.07	4,653.04	25.11	16.18	-138.00	100.29	935.05	1,430.98	1,393.43	37.55	38.109			
4,900.00	4,764.78	4,749.34	4,749.31	25.67	16.51	-138.65	100.39	935.14	1,449.91	1,411.63	38.27	37.884			
5,000.00	4,861.65	4,848.42	4,848.39	26.23	16.86	-139.29	100.36	935.20	1,468.89	1,429.88	39.01	37.654			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3AH - OWB - FINAL SURVEY	Offset Site Error:	0.00 usft
Survey Program:													25-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,100.00	4,958.52	4,944.73	4,944.69	26.78	17.20	-139.89	100.21	935.32	1,487.98	1,448.25	39.73	37.450			
5,200.00	5,055.39	5,037.38	5,037.35	27.34	17.52	-140.47	100.29	935.36	1,507.39	1,466.96	40.43	37.282			
5,300.00	5,152.26	5,134.13	5,134.10	27.90	17.86	-141.07	100.75	935.30	1,527.22	1,486.07	41.15	37.115			
5,400.00	5,249.13	5,233.14	5,233.11	28.45	18.20	-141.66	100.97	935.23	1,546.99	1,505.12	41.87	36.943			
5,500.00	5,346.01	5,358.13	5,358.07	29.01	18.64	-142.43	101.32	933.46	1,566.38	1,523.65	42.72	36.662			
5,600.00	5,442.88	5,473.25	5,472.97	29.57	19.03	-143.30	102.28	926.64	1,584.12	1,540.63	43.49	36.422			
5,700.00	5,539.75	5,571.98	5,571.23	30.12	19.37	-144.17	104.39	917.19	1,601.50	1,557.33	44.17	36.260			
5,800.00	5,636.62	5,657.25	5,655.90	30.68	19.67	-144.96	107.29	907.56	1,619.50	1,574.72	44.77	36.171			
5,900.00	5,733.49	5,740.11	5,738.05	31.24	19.96	-145.76	111.18	897.39	1,638.54	1,593.18	45.36	36.124			
6,000.00	5,830.36	5,832.09	5,829.01	31.79	20.29	-146.68	116.58	884.88	1,658.44	1,612.46	45.98	36.071			
6,100.00	5,927.23	5,970.04	5,964.90	32.35	20.78	-148.13	124.15	862.45	1,677.29	1,630.50	46.79	35.847			
6,200.00	6,024.10	6,070.84	6,063.80	32.91	21.15	-149.23	129.38	843.68	1,695.59	1,648.16	47.44	35.744			
6,300.00	6,120.97	6,178.74	6,168.90	33.46	21.55	-150.50	135.80	820.18	1,713.95	1,665.85	48.11	35.629			
6,400.00	6,217.84	6,310.06	6,295.36	34.02	22.06	-152.18	143.87	785.77	1,731.64	1,682.79	48.85	35.447			
6,500.00	6,314.72	6,437.22	6,417.14	34.58	22.57	-153.83	149.46	749.57	1,747.80	1,698.21	49.59	35.243			
6,600.00	6,411.59	6,548.88	6,523.53	35.13	23.04	-155.29	153.44	715.92	1,763.64	1,713.35	50.29	35.071			
6,700.00	6,508.46	6,663.54	6,632.07	35.69	23.54	-156.83	156.55	679.12	1,779.02	1,728.01	51.01	34.876			
6,800.00	6,605.33	6,780.13	6,741.40	36.25	24.07	-158.44	159.04	638.71	1,794.15	1,742.40	51.76	34.666			
6,900.00	6,702.20	6,859.63	6,815.31	36.81	24.45	-159.57	160.81	609.48	1,809.83	1,757.45	52.38	34.552			
7,000.00	6,799.07	6,946.43	6,895.43	37.36	24.88	-160.84	163.42	576.19	1,826.87	1,773.83	53.04	34.442			
7,100.00	6,895.94	7,021.03	6,963.77	37.92	25.27	-161.95	166.12	546.39	1,845.25	1,791.59	53.65	34.391			
7,200.00	6,992.81	7,091.59	7,028.48	38.48	25.64	-162.99	169.28	518.47	1,865.53	1,811.30	54.24	34.396			
7,300.00	7,089.68	7,169.48	7,102.85	39.03	26.02	-163.87	171.84	495.67	1,887.43	1,832.57	54.87	34.401			
7,400.00	7,186.54	7,254.55	7,186.74	39.59	26.38	-156.05	173.18	482.03	1,910.28	1,854.75	55.53	34.402			
7,500.00	7,282.19	7,305.58	7,237.67	40.15	26.55	-125.62	173.89	479.15	1,932.73	1,876.78	55.95	34.547			
7,600.00	7,373.82	7,360.06	7,292.11	40.71	26.74	-109.41	175.19	480.25	1,954.27	1,897.90	56.37	34.670			
7,700.00	7,458.63	7,424.61	7,356.14	41.25	26.93	-100.57	176.88	487.98	1,974.14	1,917.30	56.85	34.728			
7,800.00	7,534.06	7,517.75	7,446.07	41.77	27.17	-95.69	178.49	511.73	1,991.39	1,933.83	57.56	34.596			
7,900.00	7,597.82	7,570.61	7,494.99	42.29	27.30	-92.32	178.89	531.70	2,005.63	1,947.57	58.06	34.545			
8,000.00	7,647.96	7,629.00	7,546.31	42.80	27.44	-90.33	180.38	559.45	2,018.47	1,959.76	58.71	34.378			
8,100.00	7,682.96	7,664.72	7,576.01	43.34	27.53	-88.89	181.76	579.24	2,029.45	1,970.11	59.34	34.200			
8,200.00	7,701.75	7,723.00	7,621.29	43.90	27.68	-88.60	184.40	615.79	2,038.54	1,978.22	60.32	33.795			
8,300.00	7,705.00	7,814.69	7,683.61	44.51	27.98	-89.79	188.68	682.75	2,045.45	1,983.65	61.80	33.098			
8,400.00	7,705.00	7,929.18	7,744.56	45.23	28.51	-91.50	193.14	779.34	2,052.18	1,988.40	63.78	32.175			
8,500.00	7,705.00	8,066.00	7,793.87	46.08	29.44	-92.87	198.33	906.59	2,059.34	1,992.92	66.43	31.002			
8,600.00	7,705.00	8,233.45	7,812.91	47.08	31.01	-93.39	200.03	1,072.47	2,061.86	1,991.81	70.04	29.436			
8,700.00	7,705.00	8,304.95	7,812.82	48.22	31.81	-93.38	201.15	1,143.97	2,064.82	1,992.45	72.37	28.531			
8,800.00	7,705.00	8,374.55	7,811.75	49.50	32.69	-93.35	203.29	1,213.52	2,069.21	1,994.38	74.83	27.652			
8,900.00	7,705.00	8,470.03	7,810.33	50.91	34.02	-93.30	207.12	1,308.92	2,074.53	1,996.51	78.02	26.591			
9,000.00	7,705.00	8,543.38	7,809.72	52.45	35.15	-93.28	210.46	1,382.18	2,080.46	1,999.56	80.89	25.719			
9,100.00	7,705.00	8,629.73	7,809.42	54.11	36.55	-93.26	215.41	1,468.40	2,087.54	2,003.32	84.21	24.788			
9,200.00	7,705.00	8,748.84	7,809.05	55.87	38.63	-93.24	222.06	1,587.32	2,094.53	2,005.99	88.54	23.655			
9,300.00	7,705.00	8,857.49	7,808.18	57.72	40.65	-93.20	227.20	1,695.84	2,100.61	2,007.82	92.79	22.638			
9,400.00	7,705.00	9,250.77	7,805.31	59.65	48.77	-93.13	217.56	2,088.48	2,099.45	1,994.28	105.18	19.961			
9,500.00	7,705.00	9,326.00	7,804.64	61.66	50.42	-93.12	210.62	2,163.38	2,091.70	1,982.73	108.97	19.195			
9,600.00	7,705.00	9,393.27	7,804.17	63.73	51.92	-93.12	205.32	2,230.44	2,085.34	1,972.74	112.60	18.520			
9,700.00	7,705.00	9,450.31	7,804.05	65.85	53.22	-93.12	202.08	2,287.38	2,081.05	1,965.10	115.95	17.948			
9,800.00	7,705.00	9,514.00	7,803.97	68.02	54.67	-93.12	199.86	2,351.04	2,078.86	1,959.35	119.51	17.395			
9,879.36	7,705.00	9,562.00	7,803.90	69.77	55.78	-93.11	198.96	2,399.03	2,078.40	1,956.13	122.27	16.999			
9,900.00	7,705.00	9,576.79	7,803.88	70.23	56.13	-93.11	198.78	2,413.82	2,078.43	1,955.38	123.05	16.890			
10,000.00	7,705.00	9,662.85	7,803.75	72.48	58.14	-93.11	198.26	2,499.88	2,079.20	1,951.86	127.35	16.327			
10,100.00	7,705.00	9,737.31	7,803.71	74.77	59.89	-93.11	198.15	2,574.33	2,080.54	1,949.24	131.30	15.846			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3AH - 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			
10,200.00	7,705.00	9,797.00	7,803.37	77.09	61.31	-93.09	199.24	2,634.01	2,083.72	1,948.96	134.76	15.462			
10,300.00	7,705.00	9,851.01	7,802.95	79.43	62.59	-93.08	201.36	2,687.98	2,088.97	1,950.96	138.01	15.137			
10,400.00	7,705.00	9,925.08	7,802.46	81.80	64.37	-93.06	205.80	2,761.92	2,096.21	1,954.27	141.94	14.768			
10,500.00	7,705.00	10,095.57	7,801.25	84.19	68.49	-93.01	214.02	2,932.19	2,102.62	1,953.29	149.33	14.080			
10,600.00	7,705.00	10,272.74	7,800.02	86.60	72.85	-92.97	216.74	3,109.32	2,105.97	1,949.06	156.91	13.422			
10,700.00	7,705.00	10,441.58	7,798.44	89.03	77.06	-92.93	213.19	3,278.11	2,105.49	1,941.37	164.12	12.829			
10,800.00	7,705.00	10,607.97	7,797.21	91.47	81.25	-92.90	203.20	3,444.19	2,100.67	1,929.51	171.16	12.273			
10,900.00	7,705.00	10,690.02	7,796.75	93.93	83.32	-92.90	197.24	3,526.02	2,094.86	1,919.17	175.70	11.923			
11,000.00	7,705.00	10,777.53	7,796.06	96.41	85.54	-92.88	192.31	3,613.38	2,090.54	1,910.14	180.40	11.588			
11,100.00	7,705.00	10,943.56	7,793.66	98.89	89.77	-92.83	179.94	3,778.93	2,084.39	1,896.97	187.42	11.121			
11,200.00	7,705.00	10,990.78	7,793.07	101.39	90.98	-92.82	176.55	3,826.02	2,078.27	1,887.25	191.02	10.880			
11,300.00	7,705.00	11,067.36	7,792.25	103.90	92.95	-92.80	172.27	3,902.48	2,073.96	1,878.52	195.44	10.612			
11,400.00	7,705.00	11,221.59	7,790.61	106.42	96.91	-92.77	162.60	4,056.40	2,069.27	1,867.08	202.19	10.234			
11,500.00	7,705.00	11,314.80	7,789.26	108.95	99.32	-92.74	155.45	4,149.31	2,062.94	1,855.78	207.16	9.958			
11,600.00	7,705.00	11,356.79	7,788.70	111.48	100.40	-92.72	152.93	4,191.23	2,058.14	1,847.56	210.58	9.774			
11,700.00	7,705.00	11,401.00	7,788.25	114.03	101.55	-92.71	151.33	4,235.40	2,055.95	1,842.02	213.93	9.610			
11,716.23	7,705.00	11,401.00	7,788.25	114.44	101.55	-92.71	151.33	4,235.40	2,055.88	1,841.67	214.22	9.597			
11,800.00	7,705.00	11,438.53	7,787.92	116.58	102.52	-92.70	151.05	4,272.93	2,056.64	1,839.74	216.90	9.482			
11,900.00	7,705.00	11,495.00	7,787.39	119.14	103.97	-92.68	152.94	4,329.36	2,060.73	1,840.29	220.43	9.348			
12,000.00	7,705.00	11,525.97	7,787.11	121.70	104.77	-92.67	154.81	4,360.28	2,067.18	1,844.36	222.82	9.277			
12,100.00	7,705.00	11,684.00	7,785.83	124.27	108.84	-92.62	164.08	4,518.01	2,074.96	1,844.60	230.36	9.007			
12,200.00	7,705.00	11,743.22	7,785.31	126.85	110.37	-92.60	166.54	4,577.17	2,080.62	1,846.71	233.91	8.895			
12,300.00	7,705.00	11,829.65	7,784.55	129.43	112.61	-92.57	172.11	4,663.42	2,088.34	1,849.80	238.54	8.755			
12,400.00	7,705.00	11,950.42	7,783.70	132.01	115.73	-92.54	178.64	4,784.01	2,095.06	1,850.45	244.62	8.565			
12,500.00	7,705.00	12,121.81	7,782.37	134.60	120.20	-92.50	183.99	4,955.30	2,099.36	1,846.71	252.66	8.309			
12,600.00	7,705.00	12,419.12	7,777.84	137.20	128.00	-92.38	174.74	5,252.27	2,097.32	1,833.01	264.31	7.935			
12,700.00	7,705.00	12,491.56	7,776.52	139.80	129.90	-92.35	169.43	5,324.51	2,091.42	1,822.62	268.80	7.781			
12,800.00	7,705.00	12,562.80	7,775.43	142.40	131.78	-92.32	165.55	5,395.63	2,087.24	1,814.02	273.22	7.639			
12,900.00	7,705.00	12,644.55	7,773.99	145.00	133.93	-92.28	161.65	5,477.28	2,083.86	1,805.93	277.93	7.498			
13,000.00	7,705.00	12,701.67	7,773.06	147.61	135.43	-92.26	159.89	5,534.36	2,082.11	1,800.31	281.80	7.389			
13,100.00	7,705.00	12,814.52	7,771.39	150.23	138.41	-92.21	157.68	5,647.18	2,081.56	1,794.05	287.51	7.240			
13,167.43	7,705.00	12,854.19	7,770.78	151.99	139.46	-92.20	156.87	5,686.83	2,081.10	1,790.97	290.12	7.173			
13,200.00	7,705.00	12,872.92	7,770.52	152.84	139.95	-92.19	156.68	5,705.56	2,081.21	1,789.85	291.36	7.143			
13,300.00	7,705.00	12,939.61	7,769.74	155.46	141.71	-92.17	156.89	5,772.24	2,082.81	1,787.40	295.41	7.051			
13,400.00	7,705.00	13,045.76	7,768.24	158.08	144.51	-92.12	158.13	5,878.38	2,085.36	1,784.44	300.92	6.930			
13,500.00	7,705.00	13,210.28	7,765.23	160.70	148.86	-92.04	156.45	6,042.85	2,085.62	1,777.12	308.49	6.761			
13,600.00	7,705.00	13,332.71	7,763.37	163.33	152.10	-91.99	153.33	6,165.23	2,084.53	1,770.01	314.52	6.628			
13,700.00	7,705.00	13,442.89	7,761.86	165.96	155.02	-91.95	148.56	6,275.29	2,081.51	1,761.37	320.14	6.502			
13,800.00	7,705.00	13,508.04	7,761.16	168.59	156.75	-91.93	146.32	6,340.40	2,079.52	1,755.20	324.32	6.412			
13,846.54	7,705.00	13,533.49	7,760.89	169.81	157.42	-91.93	145.84	6,365.85	2,079.28	1,753.22	326.06	6.377			
13,900.00	7,705.00	13,571.00	7,760.45	171.22	158.42	-91.91	145.60	6,403.35	2,079.62	1,751.29	328.33	6.334			
14,000.00	7,705.00	13,623.84	7,759.82	173.86	159.82	-91.90	146.08	6,456.19	2,081.71	1,749.87	331.85	6.273			
14,100.00	7,705.00	13,691.71	7,758.99	176.49	161.61	-91.87	147.82	6,524.03	2,085.61	1,749.77	335.84	6.210			
14,200.00	7,705.00	13,778.30	7,758.02	179.13	163.90	-91.84	151.03	6,610.55	2,090.65	1,750.09	340.57	6.139			
14,300.00	7,705.00	13,959.41	7,755.12	181.77	168.69	-91.75	155.09	6,791.58	2,094.52	1,745.41	349.11	6.000			
14,400.00	7,705.00	13,988.84	7,754.44	184.41	169.47	-91.73	155.82	6,820.99	2,097.77	1,746.15	351.62	5.966			
14,500.00	7,705.00	14,043.00	7,753.73	187.06	170.90	-91.71	158.72	6,875.06	2,104.06	1,749.15	354.91	5.928			
14,600.00	7,705.00	14,180.59	7,752.57	189.70	174.53	-91.67	165.37	7,012.48	2,110.37	1,748.49	361.88	5.832			
14,700.00	7,705.00	14,415.02	7,749.85	192.35	180.76	-91.60	165.80	7,246.80	2,111.47	1,739.22	372.26	5.672			
14,800.00	7,705.00	14,530.15	7,748.97	194.99	183.82	-91.57	162.34	7,361.88	2,109.87	1,731.80	378.06	5.581			
14,900.00	7,705.00	14,646.52	7,747.78	197.64	186.93	-91.54	157.83	7,478.15	2,107.35	1,723.46	383.89	5.489			
15,000.00	7,705.00	14,743.16	7,746.70	200.29	189.50	-91.52	153.81	7,574.71	2,104.58	1,715.45	389.13	5.408			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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		
15,100.00	7,705.00	14,849.66	7,745.65	202.95	192.34	-91.49	149.62	7,681.12	2,102.04	1,707.39	394.65	5.326		
15,200.00	7,705.00	14,956.69	7,744.42	205.60	195.20	-91.46	144.64	7,788.02	2,098.75	1,698.56	400.19	5.244		
15,300.00	7,705.00	15,031.51	7,743.64	208.25	197.20	-91.44	141.46	7,862.77	2,095.93	1,691.15	404.78	5.178		
15,400.00	7,705.00	15,101.42	7,742.72	210.91	199.06	-91.41	139.63	7,932.65	2,094.66	1,685.51	409.14	5.120		
15,476.34	7,705.00	15,164.52	7,741.82	212.93	200.75	-91.39	138.56	7,995.74	2,094.41	1,681.65	412.76	5.074		
15,500.00	7,705.00	15,186.39	7,741.50	213.56	201.33	-91.38	138.28	8,017.60	2,094.43	1,680.46	413.96	5.059		
15,600.00	7,705.00	15,285.20	7,740.00	216.22	203.97	-91.34	136.94	8,116.40	2,094.45	1,675.19	419.26	4.996		
15,700.00	7,705.00	15,364.00	7,738.78	218.88	206.07	-91.31	136.35	8,195.18	2,095.08	1,671.24	423.84	4.943		
15,800.00	7,705.00	15,438.06	7,737.64	221.54	208.04	-91.28	136.62	8,269.23	2,096.83	1,668.65	428.18	4.897		
15,900.00	7,705.00	15,505.82	7,736.62	224.20	209.85	-91.25	137.79	8,336.97	2,099.95	1,667.76	432.19	4.859		
16,000.00	7,705.00	15,581.36	7,735.48	226.86	211.86	-91.21	140.33	8,412.46	2,104.62	1,668.17	436.45	4.822		
16,100.00	7,705.00	15,686.80	7,734.44	229.52	214.66	-91.18	144.16	8,517.83	2,109.65	1,667.62	442.03	4.773		
16,200.00	7,705.00	15,818.38	7,733.13	232.18	218.16	-91.14	147.88	8,649.34	2,113.91	1,665.19	448.72	4.711		
16,300.00	7,705.00	15,964.34	7,731.66	234.85	222.06	-91.10	148.43	8,795.29	2,115.46	1,659.60	455.86	4.641		
16,400.00	7,705.00	16,151.70	7,729.57	237.51	227.07	-91.04	145.38	8,982.58	2,115.81	1,651.75	464.06	4.559		
16,500.00	7,705.00	16,500.00	7,727.91	240.17	236.39	-91.00	138.22	9,117.76	2,111.87	1,635.81	476.06	4.436		
16,600.00	7,705.00	16,451.40	7,725.84	242.84	235.09	-90.95	124.92	9,281.51	2,104.83	1,627.76	477.07	4.412		
16,700.00	7,705.00	16,539.38	7,724.93	245.51	237.44	-90.93	116.85	9,369.12	2,097.07	1,614.88	482.20	4.349		
16,800.00	7,705.00	16,590.00	7,724.25	248.17	238.80	-90.91	112.82	9,419.57	2,090.80	1,604.31	486.49	4.298		
16,900.00	7,705.00	16,644.82	7,723.55	250.84	240.26	-90.89	109.70	9,474.30	2,086.76	1,596.12	490.64	4.253		
17,000.00	7,705.00	16,911.94	7,720.47	253.51	247.41	-90.82	90.08	9,740.46	2,081.94	1,582.66	499.28	4.170		
17,100.00	7,705.00	16,967.00	7,719.82	256.18	248.88	-90.80	84.12	9,795.19	2,072.43	1,568.38	504.06	4.112		
17,200.00	7,705.00	17,007.07	7,719.32	258.85	249.95	-90.79	80.78	9,835.12	2,065.41	1,557.11	508.30	4.063		
17,300.00	7,705.00	17,062.00	7,718.64	261.52	251.42	-90.77	77.91	9,889.96	2,061.26	1,548.71	512.55	4.022		
17,400.00	7,705.00	17,105.07	7,718.14	264.19	252.58	-90.76	76.72	9,933.01	2,059.49	1,543.32	516.17	3.990		
17,436.83	7,705.00	17,127.58	7,717.90	265.17	253.18	-90.75	76.33	9,955.52	2,059.36	1,541.71	517.65	3.978		
17,500.00	7,705.00	17,168.79	7,717.51	266.86	254.28	-90.74	76.00	9,996.72	2,059.73	1,539.51	520.22	3.959		
17,600.00	7,705.00	17,245.39	7,716.68	269.53	256.33	-90.71	76.19	10,073.32	2,061.36	1,536.71	524.65	3.929		
17,700.00	7,705.00	17,356.61	7,715.30	272.20	259.31	-90.67	76.83	10,184.53	2,063.34	1,532.88	530.46	3.890		
17,800.00	7,705.00	17,448.25	7,714.20	274.87	261.76	-90.64	77.31	10,276.16	2,065.25	1,529.77	535.48	3.857		
17,900.00	7,705.00	17,539.23	7,713.23	277.55	264.19	-90.62	78.14	10,367.13	2,067.56	1,527.10	540.46	3.826		
18,000.00	7,705.00	17,652.48	7,711.81	280.22	267.22	-90.58	78.99	10,480.37	2,069.70	1,523.34	546.36	3.788		
18,100.00	7,705.00	17,754.55	7,710.66	282.89	269.96	-90.54	79.32	10,582.43	2,071.42	1,519.62	551.80	3.754		
18,187.13	7,705.00	17,827.00	7,709.85	285.22	271.90	-90.52	79.67	10,654.88	2,073.10	1,517.23	555.87	3.729 SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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		
0.00	0.00	0.00	0.00	0.00	0.00	86.32	59.76	930.31	932.38					
100.00	100.00	84.69	84.69	0.13	0.21	86.31	60.04	930.19	932.13	931.78	0.35	2,677.867		
129.63	129.63	112.23	112.23	0.24	0.31	-87.64	60.26	930.16	932.10	931.55	0.55	1,697.326	CC	
200.00	199.98	178.53	178.53	0.48	0.55	-87.76	60.85	930.32	932.25	931.22	1.03	904.916		
300.00	299.84	281.04	281.03	0.84	0.92	-88.14	61.69	930.58	932.38	930.62	1.75	531.278		
400.00	399.45	380.46	380.45	1.22	1.27	-88.72	62.47	930.69	932.31	929.82	2.49	374.503		
406.59	406.00	386.87	386.86	1.24	1.29	-88.77	62.52	930.70	932.31	929.77	2.54	367.225		
500.00	498.70	478.63	478.61	1.62	1.62	-89.50	63.23	930.93	932.43	929.19	3.24	287.610		
600.00	597.47	577.66	577.64	2.05	1.98	-90.49	64.02	931.15	932.74	928.71	4.03	231.730		
700.00	695.62	674.63	674.61	2.51	2.33	-91.65	64.77	931.39	933.45	928.62	4.83	193.158	ES	
800.00	793.06	771.80	771.78	3.00	2.67	-93.01	65.60	931.74	934.89	929.21	5.68	164.701		
900.00	889.94	870.00	869.97	3.53	3.03	-94.54	66.48	931.98	936.98	930.43	6.55	143.031		
1,000.00	986.81	969.73	969.70	4.06	3.38	-96.09	67.18	932.02	939.54	932.10	7.44	126.317		
1,100.00	1,083.68	1,069.02	1,068.98	4.60	3.73	-97.61	67.75	931.76	942.46	934.14	8.32	113.232		
1,200.00	1,180.55	1,166.73	1,166.69	5.15	4.08	-99.10	68.19	931.35	945.88	936.68	9.20	102.798		
1,300.00	1,277.42	1,263.87	1,263.83	5.69	4.42	-100.57	68.60	930.88	949.90	939.82	10.08	94.272		
1,400.00	1,374.30	1,361.86	1,361.82	6.24	4.76	-102.03	68.91	930.35	954.48	943.53	10.95	87.165		
1,500.00	1,471.17	1,458.04	1,458.00	6.79	5.10	-103.45	69.10	929.86	959.69	947.88	11.81	81.235		
1,600.00	1,568.04	1,555.53	1,555.48	7.34	5.44	-104.86	69.25	929.35	965.50	952.82	12.68	76.152		
1,700.00	1,664.91	1,651.90	1,651.85	7.89	5.78	-106.25	69.41	928.84	971.91	958.38	13.54	71.801		
1,800.00	1,761.78	1,749.14	1,749.09	8.45	6.12	-107.63	69.60	928.31	978.93	964.54	14.39	68.014		
1,900.00	1,858.65	1,846.85	1,846.80	9.00	6.46	-108.99	69.66	927.76	986.45	971.21	15.25	64.705		
2,000.00	1,955.52	1,943.50	1,943.45	9.55	6.80	-110.32	69.74	927.17	994.52	978.43	16.09	61.814		
2,100.00	2,052.39	2,040.18	2,040.13	10.11	7.15	-111.64	69.87	926.57	1,003.16	986.23	16.93	59.259		
2,200.00	2,149.26	2,137.03	2,136.97	10.66	7.49	-112.93	69.97	926.00	1,012.35	994.59	17.76	56.992		
2,300.00	2,246.13	2,230.04	2,229.99	11.22	7.81	-114.14	70.02	925.62	1,022.20	1,003.63	18.58	55.026		
2,400.00	2,343.01	2,326.36	2,326.30	11.77	8.15	-115.36	70.05	925.61	1,032.87	1,013.48	19.39	53.263		
2,500.00	2,439.88	2,422.68	2,422.63	12.33	8.48	-116.55	70.02	925.60	1,043.99	1,023.79	20.20	51.686		
2,600.00	2,536.75	2,520.14	2,520.09	12.88	8.82	-117.73	70.04	925.61	1,055.61	1,034.61	21.01	50.252		
2,700.00	2,633.62	2,617.15	2,617.10	13.44	9.15	-118.88	70.00	925.58	1,067.63	1,045.83	21.80	48.969		
2,800.00	2,730.49	2,713.31	2,713.26	13.99	9.48	-120.00	69.99	925.57	1,080.11	1,057.51	22.59	47.804		
2,900.00	2,827.36	2,810.45	2,810.40	14.55	9.82	-121.11	70.01	925.57	1,093.04	1,069.66	23.38	46.743		
3,000.00	2,924.23	2,907.27	2,907.22	15.10	10.14	-122.18	69.97	925.60	1,106.36	1,082.20	24.16	45.794		
3,100.00	3,021.10	3,004.16	3,004.10	15.66	10.47	-123.23	69.94	925.63	1,120.07	1,095.14	24.93	44.927		
3,200.00	3,117.97	3,101.64	3,101.59	16.21	10.81	-124.26	69.94	925.60	1,134.14	1,108.43	25.71	44.117		
3,300.00	3,214.84	3,198.04	3,197.98	16.77	11.14	-125.26	69.91	925.57	1,148.56	1,122.08	26.47	43.384		
3,400.00	3,311.72	3,293.53	3,293.47	17.33	11.47	-126.22	69.95	925.61	1,163.41	1,136.18	27.23	42.721		
3,500.00	3,408.59	3,392.13	3,392.08	17.88	11.81	-127.20	69.97	925.63	1,178.58	1,150.58	28.00	42.090		
3,600.00	3,505.46	3,487.92	3,487.87	18.44	12.14	-128.12	69.97	925.64	1,194.06	1,165.31	28.75	41.528		
3,700.00	3,602.33	3,584.95	3,584.90	18.99	12.48	-129.02	70.00	925.68	1,209.88	1,180.37	29.51	41.000		
3,800.00	3,699.20	3,682.67	3,682.61	19.55	12.82	-129.92	70.06	925.61	1,225.95	1,195.69	30.27	40.505		
3,900.00	3,796.07	3,779.32	3,779.26	20.11	13.16	-130.79	70.17	925.44	1,242.29	1,211.27	31.02	40.050		
4,000.00	3,892.94	3,875.45	3,875.39	20.66	13.51	-131.63	70.30	925.33	1,258.95	1,227.19	31.76	39.634		
4,100.00	3,989.81	3,972.08	3,972.02	21.22	13.85	-132.45	70.38	925.33	1,275.92	1,243.41	32.51	39.250		
4,200.00	4,086.68	4,069.37	4,069.31	21.78	14.18	-133.25	70.38	925.39	1,293.13	1,259.89	33.25	38.896		
4,300.00	4,183.55	4,166.38	4,166.32	22.33	14.51	-134.03	70.36	925.44	1,310.57	1,276.59	33.98	38.571		
4,400.00	4,280.43	4,262.86	4,262.81	22.89	14.85	-134.78	70.35	925.50	1,328.24	1,293.53	34.71	38.271		
4,500.00	4,377.30	4,359.22	4,359.16	23.44	15.18	-135.51	70.41	925.54	1,346.19	1,310.75	35.44	37.990		
4,600.00	4,474.17	4,456.78	4,456.72	24.00	15.53	-136.24	70.47	925.56	1,364.33	1,328.16	36.17	37.719		
4,700.00	4,571.04	4,554.73	4,554.68	24.56	15.87	-136.95	70.47	925.56	1,382.64	1,345.73	36.90	37.467		
4,800.00	4,667.91	4,650.85	4,650.80	25.11	16.20	-137.62	70.37	925.58	1,401.07	1,363.45	37.62	37.242		
4,900.00	4,764.78	4,746.86	4,746.80	25.67	16.53	-138.28	70.46	925.64	1,419.87	1,381.53	38.34	37.035		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3BH - OWB - FINAL SURVEY													Offset Well Error:	0.00 usft
Survey Program: 25-MWD OWSG														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,861.65	4,845.76	4,845.71	26.23	16.87	-138.95	70.41	925.63	1,438.70	1,399.63	39.07	36.824		
5,100.00	4,958.52	4,941.24	4,941.18	26.78	17.21	-139.57	70.42	925.56	1,457.72	1,417.94	39.78	36.643		
5,200.00	5,055.39	5,036.29	5,036.24	27.34	17.54	-140.17	70.47	925.64	1,477.04	1,436.54	40.49	36.477		
5,300.00	5,152.26	5,133.15	5,133.09	27.90	17.88	-140.77	70.60	925.74	1,496.59	1,455.38	41.21	36.314		
5,400.00	5,249.13	5,231.68	5,231.62	28.45	18.23	-141.37	70.67	925.80	1,516.23	1,474.29	41.94	36.152		
5,500.00	5,346.01	5,338.54	5,338.49	29.01	18.60	-142.01	70.67	925.39	1,535.76	1,493.05	42.71	35.958		
5,600.00	5,442.88	5,502.99	5,502.72	29.57	19.18	-143.17	69.94	917.95	1,553.08	1,509.37	43.71	35.527		
5,700.00	5,539.75	5,610.30	5,609.44	30.12	19.55	-144.10	69.38	906.82	1,567.64	1,523.21	44.43	35.284		
5,800.00	5,636.62	5,699.90	5,698.35	30.68	19.87	-144.94	70.23	895.74	1,582.89	1,537.83	45.06	35.125		
5,900.00	5,733.49	5,805.39	5,802.73	31.24	20.25	-145.99	72.32	880.66	1,598.57	1,552.82	45.75	34.942		
6,000.00	5,830.36	5,951.33	5,946.54	31.79	20.78	-147.52	74.10	855.90	1,612.97	1,566.41	46.56	34.646		
6,100.00	5,927.23	6,071.32	6,064.65	32.35	21.22	-148.73	72.83	834.84	1,625.66	1,578.38	47.28	34.385		
6,200.00	6,024.10	6,242.75	6,232.11	32.91	21.87	-150.56	67.86	798.61	1,635.80	1,587.71	48.10	34.009		
6,300.00	6,120.97	6,355.60	6,341.60	33.46	22.31	-151.81	61.86	771.94	1,643.30	1,594.52	48.78	33.686		
6,400.00	6,217.84	6,469.71	6,452.03	34.02	22.77	-153.08	55.58	743.90	1,650.99	1,601.51	49.47	33.371		
6,500.00	6,314.72	6,633.94	6,609.85	34.58	23.45	-154.94	42.49	700.43	1,656.34	1,606.11	50.23	32.976		
6,600.00	6,411.59	6,748.36	6,718.85	35.13	23.94	-156.28	30.80	667.69	1,659.55	1,608.63	50.93	32.586		
6,700.00	6,508.46	6,827.59	6,793.76	35.69	24.30	-157.27	23.35	642.99	1,663.44	1,611.84	51.60	32.237		
6,800.00	6,605.33	6,912.01	6,872.96	36.25	24.69	-158.42	17.28	614.42	1,669.22	1,616.94	52.28	31.929		
6,900.00	6,702.20	7,020.39	6,973.39	36.81	25.23	-159.99	9.85	574.36	1,675.37	1,622.35	53.01	31.602		
7,000.00	6,799.07	7,114.63	7,059.80	37.36	25.72	-161.42	3.43	537.33	1,682.00	1,628.25	53.75	31.295		
7,100.00	6,895.94	7,181.34	7,120.99	37.92	26.06	-162.42	-0.96	511.12	1,690.09	1,635.68	54.41	31.064		
7,200.00	6,992.81	7,231.03	7,168.17	38.48	26.31	-163.03	-4.13	495.91	1,701.20	1,646.21	54.99	30.936		
7,300.00	7,089.68	7,281.83	7,217.78	39.03	26.53	-163.47	-7.22	485.59	1,715.29	1,659.76	55.53	30.889		
7,400.00	7,186.54	7,346.00	7,281.61	39.59	26.78	-155.48	-10.71	480.62	1,732.23	1,676.13	56.10	30.876		
7,500.00	7,282.19	7,388.13	7,323.66	40.15	26.91	-125.45	-12.70	481.80	1,749.51	1,693.00	56.51	30.957		
7,600.00	7,373.82	7,465.86	7,400.68	40.71	27.13	-109.86	-15.91	491.45	1,765.92	1,708.82	57.10	30.924		
7,700.00	7,458.63	7,694.55	7,614.01	41.25	27.70	-102.66	-42.28	565.86	1,773.85	1,715.31	58.54	30.304		
7,800.00	7,534.06	7,789.49	7,690.40	41.77	27.93	-98.27	-58.82	619.55	1,776.03	1,716.66	59.37	29.914		
7,900.00	7,597.82	7,865.76	7,744.38	42.29	28.15	-95.86	-72.11	671.69	1,775.58	1,715.35	60.23	29.481		
8,000.00	7,647.96	7,936.16	7,787.29	42.80	28.40	-94.73	-83.58	726.23	1,773.20	1,712.00	61.20	28.974		
8,100.00	7,682.96	8,007.00	7,823.21	43.34	28.72	-94.54	-93.88	786.36	1,769.29	1,706.93	62.36	28.371		
8,200.00	7,701.75	8,066.07	7,847.12	43.90	29.08	-94.99	-101.20	839.84	1,764.31	1,700.68	63.63	27.729		
8,300.00	7,705.00	8,126.75	7,865.50	44.51	29.51	-95.80	-107.20	897.33	1,758.95	1,693.88	65.07	27.033		
8,400.00	7,705.00	8,196.00	7,878.29	45.23	30.06	-96.23	-111.77	965.18	1,755.49	1,688.69	66.79	26.282		
8,500.00	7,705.00	8,265.82	7,884.88	46.08	30.73	-96.45	-114.59	1,034.62	1,753.79	1,685.04	68.75	25.509		
8,600.00	7,705.00	8,394.53	7,888.13	47.08	32.14	-96.56	-118.86	1,163.18	1,752.26	1,680.26	72.00	24.336		
8,700.00	7,705.00	8,738.72	7,885.66	48.22	37.30	-96.59	-154.16	1,504.88	1,745.35	1,664.60	80.74	21.616		
8,800.00	7,705.00	8,801.52	7,885.01	49.50	38.41	-96.61	-165.06	1,566.72	1,729.50	1,646.03	83.46	20.721		
8,900.00	7,705.00	8,855.00	7,884.38	50.91	39.37	-96.62	-172.85	1,619.63	1,716.25	1,630.23	86.03	19.950		
9,000.00	7,705.00	8,900.79	7,883.79	52.45	40.24	-96.62	-178.19	1,665.10	1,705.87	1,617.41	88.46	19.284		
9,100.00	7,705.00	8,949.00	7,883.11	54.11	41.16	-96.61	-182.31	1,713.13	1,698.58	1,607.60	90.97	18.671		
9,200.00	7,705.00	9,070.07	7,881.55	55.87	43.58	-96.59	-192.10	1,833.79	1,691.72	1,596.03	95.70	17.678		
9,300.00	7,705.00	9,138.00	7,880.75	57.72	44.97	-96.58	-197.33	1,901.51	1,685.42	1,586.47	98.95	17.034		
9,400.00	7,705.00	9,187.97	7,880.14	59.65	46.02	-96.56	-199.95	1,951.41	1,681.58	1,579.90	101.68	16.538		
9,482.43	7,705.00	9,233.00	7,879.57	61.30	46.97	-96.54	-200.82	1,996.42	1,680.87	1,576.83	104.04	16.156		
9,500.00	7,705.00	9,233.00	7,879.57	61.66	46.97	-96.54	-200.82	1,996.42	1,680.96	1,576.74	104.22	16.129		
9,600.00	7,705.00	9,292.71	7,878.79	63.73	48.25	-96.51	-200.27	2,056.12	1,683.16	1,575.91	107.25	15.693		
9,700.00	7,705.00	9,396.01	7,877.29	65.85	50.49	-96.44	-197.29	2,159.37	1,687.29	1,575.44	111.85	15.086		
9,800.00	7,705.00	9,533.98	7,875.14	68.02	53.57	-96.36	-196.58	2,297.31	1,688.88	1,571.12	117.76	14.341		
9,900.00	7,705.00	9,609.00	7,874.08	70.23	55.28	-96.32	-196.15	2,372.33	1,690.68	1,569.17	121.50	13.915		
10,000.00	7,705.00	9,678.91	7,873.16	72.48	56.89	-96.28	-194.61	2,442.21	1,694.09	1,569.02	125.07	13.545		

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

Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3BH - 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	7,705.00	9,746.55	7,872.43	74.77	58.45	-96.24	-191.99	2,509.79	1,699.24	1,570.70	128.55	13.219			
10,200.00	7,705.00	9,818.24	7,871.78	77.09	60.11	-96.20	-187.76	2,581.36	1,706.36	1,574.18	132.17	12.910			
10,300.00	7,705.00	9,892.00	7,871.52	79.43	61.84	-96.17	-182.92	2,654.96	1,714.41	1,578.53	135.88	12.617			
10,400.00	7,705.00	9,950.42	7,871.50	81.80	63.20	-96.15	-177.97	2,713.16	1,724.50	1,585.59	138.92	12.414			
10,500.00	7,705.00	10,008.92	7,871.44	84.19	64.57	-96.12	-170.99	2,771.24	1,737.58	1,595.68	141.91	12.244			
10,600.00	7,705.00	10,115.89	7,871.17	86.60	67.08	-96.06	-157.33	2,877.34	1,751.67	1,604.60	147.07	11.911			
10,700.00	7,705.00	10,359.35	7,870.68	89.03	72.96	-95.97	-139.17	3,120.01	1,759.48	1,601.39	158.09	11.130			
10,800.00	7,705.00	10,475.06	7,870.32	91.47	75.82	-95.94	-134.98	3,235.64	1,764.45	1,600.76	163.69	10.779			
10,900.00	7,705.00	10,591.95	7,870.02	93.93	78.73	-95.91	-131.95	3,352.49	1,768.40	1,599.04	169.36	10.461			
11,000.00	7,705.00	10,691.71	7,869.76	96.41	81.23	-95.89	-129.91	3,452.23	1,771.81	1,597.42	174.38	10.161			
11,100.00	7,705.00	10,775.07	7,869.44	98.89	83.33	-95.87	-127.78	3,535.56	1,775.72	1,596.96	178.76	9.933			
11,200.00	7,705.00	10,889.15	7,869.29	101.39	86.21	-95.85	-123.82	3,649.57	1,780.67	1,596.28	184.39	9.657			
11,300.00	7,705.00	11,086.11	7,869.00	103.90	91.22	-95.83	-125.27	3,846.50	1,781.03	1,587.92	193.11	9.223			
11,400.00	7,705.00	11,176.72	7,869.09	106.42	93.55	-95.84	-127.72	3,937.07	1,779.73	1,581.84	197.89	8.994			
11,500.00	7,705.00	11,282.01	7,868.91	108.95	96.26	-95.84	-130.28	4,042.33	1,778.71	1,575.51	203.20	8.753			
11,600.00	7,705.00	11,426.71	7,866.62	111.48	99.99	-95.78	-136.84	4,186.86	1,775.22	1,565.34	209.88	8.458			
11,700.00	7,705.00	11,522.15	7,864.98	114.03	102.46	-95.74	-141.83	4,282.15	1,771.25	1,556.35	214.90	8.242			
11,800.00	7,705.00	11,622.32	7,863.43	116.58	105.06	-95.70	-146.87	4,382.19	1,767.49	1,547.42	220.07	8.031			
11,900.00	7,705.00	11,698.65	7,862.24	119.14	107.05	-95.67	-150.32	4,458.43	1,764.27	1,539.82	224.45	7.860			
11,973.82	7,705.00	11,729.00	7,861.86	121.03	107.84	-95.66	-151.36	4,488.76	1,763.08	1,536.37	226.71	7.777			
12,000.00	7,705.00	11,729.00	7,861.86	121.70	107.84	-95.66	-151.36	4,488.76	1,763.28	1,536.22	227.06	7.766			
12,100.00	7,705.00	11,768.96	7,861.38	124.27	108.86	-95.64	-151.26	4,528.71	1,765.80	1,536.05	229.75	7.686			
12,200.00	7,705.00	11,824.00	7,860.70	126.85	110.27	-95.60	-146.72	4,583.54	1,773.79	1,540.88	232.91	7.616			
12,300.00	7,705.00	12,073.18	7,856.87	129.43	116.71	-95.45	-139.20	4,832.15	1,779.60	1,535.33	244.27	7.285			
12,333.15	7,705.00	12,092.19	7,856.59	130.28	117.21	-95.44	-139.55	4,851.16	1,779.41	1,533.93	245.48	7.249			
12,400.00	7,705.00	12,134.12	7,855.99	132.01	118.31	-95.42	-139.83	4,893.08	1,779.80	1,531.78	248.02	7.176			
12,500.00	7,705.00	12,201.00	7,854.97	134.60	120.05	-95.38	-139.20	4,959.95	1,781.99	1,530.08	251.91	7.074			
12,600.00	7,705.00	12,329.33	7,852.78	137.20	123.41	-95.30	-138.92	5,088.25	1,783.21	1,524.92	258.29	6.904			
12,700.00	7,705.00	12,390.00	7,851.82	139.80	125.00	-95.27	-138.03	5,148.91	1,785.89	1,523.97	261.91	6.819			
12,800.00	7,705.00	12,561.10	7,848.86	142.40	129.48	-95.16	-136.97	5,319.97	1,787.85	1,517.85	270.00	6.622			
12,900.00	7,705.00	12,759.10	7,845.28	145.00	134.69	-95.06	-144.99	5,517.74	1,785.26	1,506.74	278.52	6.410			
13,000.00	7,705.00	12,921.46	7,842.35	147.61	138.98	-95.00	-159.38	5,679.43	1,777.61	1,492.17	285.45	6.227			
13,100.00	7,705.00	13,077.44	7,839.33	150.23	143.09	-94.95	-178.41	5,834.21	1,766.64	1,474.74	291.90	6.052			
13,200.00	7,705.00	13,175.95	7,837.46	152.84	145.68	-94.93	-192.27	5,931.72	1,753.85	1,456.72	297.13	5.903			
13,300.00	7,705.00	13,239.00	7,836.23	155.46	147.34	-94.91	-200.37	5,994.24	1,742.35	1,440.71	301.64	5.776			
13,400.00	7,705.00	13,295.49	7,835.11	158.08	148.84	-94.88	-206.34	6,050.40	1,733.14	1,427.27	305.87	5.666			
13,500.00	7,705.00	13,333.00	7,834.38	160.70	149.83	-94.87	-209.40	6,087.78	1,726.77	1,417.42	309.36	5.582			
13,600.00	7,705.00	13,402.76	7,833.10	163.33	151.68	-94.83	-213.22	6,157.41	1,722.81	1,409.17	313.64	5.493			
13,700.00	7,705.00	13,505.55	7,831.21	165.96	154.41	-94.78	-216.52	6,260.14	1,720.88	1,401.84	319.04	5.394			
13,800.00	7,705.00	13,589.08	7,829.48	168.59	156.62	-94.72	-219.59	6,343.59	1,718.49	1,394.73	323.76	5.308			
13,889.86	7,705.00	13,649.53	7,828.39	170.95	158.22	-94.69	-220.96	6,404.01	1,717.63	1,390.23	327.41	5.246			
13,900.00	7,705.00	13,655.75	7,828.28	171.22	158.39	-94.68	-221.03	6,410.23	1,717.65	1,389.86	327.79	5.240			
14,000.00	7,705.00	13,711.00	7,827.27	173.86	159.85	-94.65	-221.04	6,465.47	1,719.02	1,387.81	331.21	5.190			
14,100.00	7,705.00	13,777.56	7,826.13	176.49	161.61	-94.60	-219.54	6,532.00	1,722.62	1,387.67	334.96	5.143			
14,200.00	7,705.00	13,850.69	7,824.97	179.13	163.53	-94.55	-216.24	6,605.05	1,728.34	1,389.41	338.92	5.099			
14,300.00	7,705.00	13,943.09	7,823.20	181.77	165.96	-94.48	-211.20	6,697.30	1,735.01	1,391.18	343.84	5.046			
14,400.00	7,705.00	14,144.82	7,819.60	184.41	171.29	-94.34	-205.47	6,898.86	1,739.40	1,385.54	353.86	4.915			
14,500.00	7,705.00	14,216.68	7,818.57	187.06	173.19	-94.30	-205.74	6,970.71	1,740.54	1,382.55	357.99	4.862			
14,600.00	7,705.00	14,277.00	7,818.08	189.70	174.79	-94.28	-203.80	7,031.00	1,744.73	1,383.27	361.46	4.827			
14,700.00	7,705.00	14,327.85	7,817.81	192.35	176.13	-94.26	-200.88	7,081.77	1,751.38	1,387.12	364.25	4.808			
14,800.00	7,705.00	14,405.85	7,817.33	194.99	178.18	-94.23	-195.47	7,159.57	1,759.63	1,391.29	368.34	4.777			
14,900.00	7,705.00	14,504.57	7,816.78	197.64	180.77	-94.19	-187.76	7,257.99	1,768.79	1,395.21	373.57	4.735			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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		
15,000.00	7,705.00	14,640.40	7,816.07	200.29	184.35	-94.14	-178.98	7,393.53	1,776.58	1,395.76	380.82	4.665		
15,100.00	7,705.00	14,751.90	7,815.36	202.95	187.29	-94.10	-173.28	7,504.88	1,783.03	1,396.30	386.73	4.611		
15,200.00	7,705.00	14,884.48	7,814.23	205.60	190.80	-94.05	-167.87	7,637.35	1,788.50	1,394.85	393.65	4.543		
15,300.00	7,705.00	15,019.15	7,813.07	208.25	194.38	-94.00	-165.37	7,771.99	1,791.63	1,391.10	400.54	4.473		
15,400.00	7,705.00	15,124.37	7,812.56	210.91	197.18	-93.98	-164.49	7,877.20	1,793.84	1,387.76	406.08	4.417		
15,500.00	7,705.00	15,274.87	7,811.88	213.56	201.19	-93.96	-165.74	8,027.69	1,794.30	1,380.91	413.40	4.340		
15,600.00	7,705.00	15,363.83	7,812.05	216.22	203.57	-93.97	-167.70	8,116.63	1,793.56	1,375.25	418.31	4.288		
15,605.36	7,705.00	15,367.63	7,812.04	216.36	203.67	-93.97	-167.76	8,120.43	1,793.56	1,375.02	418.54	4.285		
15,700.00	7,705.00	15,455.16	7,811.40	218.88	206.00	-93.94	-168.44	8,207.95	1,794.08	1,370.77	423.31	4.238		
15,800.00	7,705.00	15,618.76	7,810.21	221.54	210.37	-93.91	-172.70	8,371.48	1,792.92	1,362.07	430.86	4.161		
15,900.00	7,705.00	15,745.50	7,809.54	224.20	213.77	-93.90	-179.37	8,498.04	1,789.04	1,352.08	436.96	4.094		
16,000.00	7,705.00	15,890.05	7,808.77	226.86	217.63	-93.89	-189.73	8,642.21	1,783.31	1,339.95	443.36	4.022		
16,100.00	7,705.00	15,975.00	7,808.31	229.52	219.90	-93.89	-197.77	8,726.78	1,775.43	1,327.06	448.37	3.960		
16,200.00	7,705.00	16,027.54	7,808.04	232.18	221.31	-93.89	-201.82	8,779.15	1,769.74	1,317.28	452.47	3.911		
16,300.00	7,705.00	16,070.00	7,807.84	234.85	222.44	-93.89	-203.03	8,821.60	1,767.95	1,312.07	455.88	3.878		
16,307.00	7,705.00	16,070.00	7,807.84	235.03	222.44	-93.89	-203.03	8,821.60	1,767.94	1,311.95	455.99	3.877		
16,400.00	7,705.00	16,140.25	7,807.48	237.51	224.32	-93.87	-203.30	8,891.85	1,768.79	1,308.74	460.05	3.845		
16,500.00	7,705.00	16,277.40	7,806.81	240.17	227.98	-93.85	-204.70	9,028.98	1,769.18	1,302.34	466.84	3.790		
16,600.00	7,705.00	16,377.92	7,806.23	242.84	230.68	-93.83	-206.87	9,129.47	1,768.39	1,296.19	472.20	3.745		
16,700.00	7,705.00	16,479.70	7,805.52	245.51	233.40	-93.81	-209.24	9,231.23	1,767.43	1,289.81	477.62	3.701		
16,800.00	7,705.00	16,601.82	7,804.73	248.17	236.67	-93.79	-212.30	9,353.30	1,766.38	1,282.66	483.73	3.652		
16,900.00	7,705.00	16,681.68	7,804.04	250.84	238.81	-93.77	-215.21	9,433.11	1,764.23	1,275.84	488.39	3.612		
17,000.00	7,705.00	16,829.65	7,802.68	253.51	242.77	-93.73	-218.57	9,581.02	1,764.02	1,268.75	495.28	3.562		
17,100.00	7,705.00	16,961.65	7,802.13	256.18	246.31	-93.73	-227.10	9,712.74	1,758.83	1,257.38	501.45	3.507		
17,200.00	7,705.00	17,050.91	7,801.44	258.85	248.70	-93.71	-233.05	9,801.80	1,753.53	1,246.98	506.54	3.462		
17,300.00	7,705.00	17,135.84	7,800.92	261.52	250.98	-93.71	-238.16	9,886.57	1,748.90	1,237.40	511.50	3.419		
17,400.00	7,705.00	17,217.49	7,800.38	264.19	253.17	-93.69	-242.16	9,968.12	1,745.36	1,229.02	516.33	3.380		
17,500.00	7,705.00	17,311.19	7,799.86	266.86	255.69	-93.68	-246.23	10,061.73	1,742.39	1,220.90	521.50	3.341		
17,600.00	7,705.00	17,390.00	7,799.35	269.53	257.80	-93.67	-249.13	10,140.48	1,740.13	1,213.97	526.16	3.307		
17,670.72	7,705.00	17,434.37	7,799.00	271.42	258.99	-93.66	-250.15	10,184.84	1,739.51	1,210.54	528.97	3.288		
17,700.00	7,705.00	17,451.23	7,798.86	272.20	259.44	-93.65	-250.32	10,201.70	1,739.62	1,209.57	530.04	3.282		
17,800.00	7,705.00	17,509.55	7,798.36	274.87	261.00	-93.64	-249.98	10,260.01	1,741.54	1,208.01	533.53	3.264		
17,900.00	7,705.00	17,578.00	7,798.05	277.55	262.82	-93.62	-247.87	10,328.43	1,745.85	1,208.59	537.27	3.250		
18,000.00	7,705.00	17,829.66	7,793.67	280.22	269.55	-93.47	-249.70	10,579.87	1,746.42	1,197.59	548.83	3.182		
18,100.00	7,705.00	17,884.77	7,793.36	282.89	271.03	-93.46	-252.17	10,634.93	1,743.60	1,190.82	552.78	3.154		
18,142.02	7,705.00	17,906.00	7,793.24	284.02	271.60	-93.46	-252.49	10,656.15	1,743.45	1,189.18	554.26	3.146		
18,187.13	7,705.00	17,930.00	7,793.10	285.22	272.25	-93.46	-252.60	10,680.15	1,743.79	1,187.98	555.81	3.137 SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3CH - 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	88.81	19.33	930.31	930.63						
100.00	100.00	85.03	85.03	0.13	0.21	88.81	19.40	930.27	930.48	930.13	0.35	2,669.933			
100.72	100.72	85.70	85.70	0.14	0.22	-85.12	19.40	930.27	930.48	930.12	0.35	2,633.403 CC			
200.00	199.98	178.81	178.81	0.48	0.54	-85.23	19.62	930.61	930.69	929.66	1.03	906.676			
300.00	299.84	277.84	277.84	0.84	0.90	-85.55	19.87	931.31	930.98	929.25	1.73	536.642			
400.00	399.45	377.83	377.82	1.22	1.25	-86.10	20.07	932.04	931.08	928.62	2.47	377.102			
500.00	498.70	476.87	476.86	1.62	1.60	-86.85	20.22	932.72	931.03	927.81	3.22	288.854			
514.36	512.92	490.83	490.82	1.68	1.65	-86.97	20.23	932.83	931.03	927.69	3.33	279.216			
600.00	597.47	574.95	574.93	2.05	1.95	-87.78	20.19	933.51	931.10	927.10	4.00	232.709			
700.00	695.62	674.06	674.05	2.51	2.31	-88.94	20.19	934.27	931.32	926.51	4.82	193.407			
800.00	793.06	772.39	772.37	3.00	2.66	-90.28	20.12	934.92	931.84	926.18	5.66	164.564			
900.00	889.94	869.86	869.84	3.53	3.01	-91.75	19.92	935.51	932.88	926.35	6.53	142.774			
1,000.00	986.81	967.66	967.64	4.06	3.36	-93.22	19.81	936.03	934.51	927.10	7.42	126.010			
1,100.00	1,083.68	1,063.55	1,063.53	4.60	3.70	-94.67	19.77	936.50	936.77	928.47	8.30	112.921			
1,200.00	1,180.55	1,160.11	1,160.08	5.15	4.05	-96.12	19.76	937.07	939.77	930.59	9.18	102.379			
1,300.00	1,277.42	1,256.89	1,256.87	5.69	4.39	-97.56	19.75	937.66	943.43	933.36	10.06	93.747			
1,400.00	1,374.30	1,353.61	1,353.58	6.24	4.74	-98.99	19.68	938.27	947.73	936.78	10.95	86.583			
1,500.00	1,471.17	1,450.43	1,450.40	6.79	5.09	-100.41	19.64	938.89	952.67	940.84	11.83	80.555			
1,600.00	1,568.04	1,548.32	1,548.29	7.34	5.44	-101.82	19.53	939.51	958.18	945.47	12.71	75.405			
1,700.00	1,664.91	1,648.15	1,648.11	7.89	5.79	-103.25	19.34	939.92	964.07	950.48	13.59	70.941			
1,800.00	1,761.78	1,746.54	1,746.51	8.45	6.14	-104.64	19.13	940.11	970.35	955.89	14.46	67.111			
1,900.00	1,858.65	1,844.96	1,844.93	9.00	6.48	-106.02	18.93	940.12	977.04	961.72	15.32	63.794			
2,000.00	1,955.52	1,941.96	1,941.93	9.55	6.80	-107.36	18.76	940.05	984.24	968.08	16.16	60.915			
2,100.00	2,052.39	2,038.68	2,038.65	10.11	7.13	-108.68	18.59	939.98	992.00	975.00	16.99	58.370			
2,200.00	2,149.26	2,134.93	2,134.90	10.66	7.47	-109.98	18.44	939.94	1,000.34	982.51	17.83	56.107			
2,300.00	2,246.13	2,230.71	2,230.68	11.22	7.80	-111.25	18.38	939.96	1,009.32	990.66	18.66	54.089			
2,400.00	2,343.01	2,328.04	2,328.01	11.77	8.14	-112.52	18.41	939.99	1,018.87	999.38	19.49	52.282			
2,500.00	2,439.88	2,424.60	2,424.56	12.33	8.47	-113.77	18.47	939.96	1,028.89	1,008.59	20.30	50.683			
2,600.00	2,536.75	2,521.92	2,521.89	12.88	8.80	-114.99	18.52	939.95	1,039.43	1,018.31	21.11	49.238			
2,700.00	2,633.62	2,617.42	2,617.38	13.44	9.12	-116.18	18.59	939.95	1,050.46	1,028.56	21.91	47.946			
2,800.00	2,730.49	2,715.04	2,715.00	13.99	9.47	-117.36	18.66	940.02	1,062.03	1,039.31	22.72	46.743			
2,900.00	2,827.36	2,812.81	2,812.78	14.55	9.81	-118.51	18.59	940.06	1,073.95	1,050.42	23.53	45.646			
3,000.00	2,924.23	2,910.56	2,910.52	15.10	10.15	-119.64	18.51	940.03	1,086.22	1,061.90	24.32	44.662			
3,100.00	3,021.10	3,005.01	3,004.98	15.66	10.47	-120.72	18.54	940.00	1,098.99	1,073.90	25.09	43.795			
3,200.00	3,117.97	3,104.03	3,103.99	16.21	10.81	-121.82	18.60	939.95	1,112.18	1,086.30	25.88	42.974			
3,300.00	3,214.84	3,199.91	3,199.87	16.77	11.15	-122.86	18.61	939.90	1,125.72	1,099.07	26.65	42.237			
3,400.00	3,311.72	3,297.22	3,297.19	17.33	11.49	-123.90	18.69	939.80	1,139.66	1,112.23	27.43	41.554			
3,500.00	3,408.59	3,393.72	3,393.69	17.88	11.81	-124.90	18.79	939.69	1,153.96	1,125.78	28.18	40.944			
3,600.00	3,505.46	3,490.12	3,490.09	18.44	12.14	-125.88	18.87	939.62	1,168.65	1,139.71	28.94	40.381			
3,700.00	3,602.33	3,585.54	3,585.51	18.99	12.48	-126.82	18.98	939.65	1,183.76	1,154.07	29.69	39.868			
3,800.00	3,699.20	3,683.19	3,683.16	19.55	12.82	-127.77	19.17	939.66	1,199.25	1,168.80	30.45	39.383			
3,900.00	3,796.07	3,783.18	3,783.15	20.11	13.16	-128.72	19.28	939.46	1,214.85	1,183.64	31.21	38.923			
4,000.00	3,892.94	3,879.98	3,879.95	20.66	13.49	-129.61	19.30	939.15	1,230.62	1,198.67	31.95	38.514			
4,100.00	3,989.81	3,974.55	3,974.52	21.22	13.82	-130.46	19.34	939.06	1,246.84	1,214.15	32.68	38.149			
4,200.00	4,086.68	4,071.70	4,071.66	21.78	14.16	-131.30	19.32	939.10	1,263.39	1,229.96	33.43	37.794			
4,300.00	4,183.55	4,168.57	4,168.54	22.33	14.50	-132.12	19.27	939.14	1,280.18	1,246.02	34.17	37.466			
4,400.00	4,280.43	4,264.90	4,264.86	22.89	14.84	-132.91	19.27	939.18	1,297.28	1,262.37	34.91	37.165			
4,500.00	4,377.30	4,362.05	4,362.02	23.44	15.19	-133.69	19.25	939.27	1,314.62	1,278.97	35.65	36.880			
4,600.00	4,474.17	4,459.73	4,459.70	24.00	15.53	-134.45	19.23	939.29	1,332.16	1,295.78	36.38	36.615			
4,700.00	4,571.04	4,556.04	4,556.00	24.56	15.86	-135.19	19.21	939.23	1,349.88	1,312.77	37.11	36.378			
4,800.00	4,667.91	4,651.88	4,651.84	25.11	16.20	-135.90	19.27	939.27	1,367.95	1,330.12	37.83	36.162			
4,900.00	4,764.78	4,750.92	4,750.89	25.67	16.55	-136.62	19.26	939.32	1,386.17	1,347.60	38.57	35.943			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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		
5,000.00	4,861.65	4,846.36	4,846.32	26.23	16.88	-137.30	19.20	939.23	1,404.47	1,365.19	39.28	35.756		
5,100.00	4,958.52	4,941.85	4,941.82	26.78	17.21	-137.96	19.30	939.32	1,423.21	1,383.21	39.99	35.585		
5,200.00	5,055.39	5,040.16	5,040.12	27.34	17.56	-138.62	19.33	939.36	1,442.05	1,401.32	40.73	35.408		
5,300.00	5,152.26	5,136.00	5,135.96	27.90	17.90	-139.25	19.36	939.37	1,461.04	1,419.60	41.44	35.255		
5,400.00	5,249.13	5,247.64	5,247.60	28.45	18.29	-139.97	19.35	938.96	1,480.01	1,437.78	42.23	35.045		
5,500.00	5,346.01	5,406.99	5,406.81	29.01	18.83	-141.10	17.56	933.19	1,496.57	1,453.37	43.21	34.638		
5,600.00	5,442.88	5,557.86	5,556.90	29.57	19.35	-142.41	14.60	918.33	1,509.38	1,465.33	44.06	34.261		
5,700.00	5,539.75	5,678.84	5,676.68	30.12	19.77	-143.59	11.95	901.64	1,520.47	1,475.69	44.78	33.957		
5,800.00	5,636.62	5,805.78	5,801.99	30.68	20.21	-144.83	6.89	881.95	1,529.48	1,483.98	45.50	33.615		
5,900.00	5,733.49	5,946.95	5,941.33	31.24	20.71	-146.07	-2.61	861.49	1,537.27	1,491.02	46.25	33.238		
6,000.00	5,830.36	6,052.27	6,045.08	31.79	21.09	-146.99	-11.01	845.43	1,543.93	1,497.00	46.93	32.895		
6,100.00	5,927.23	6,191.78	6,181.54	32.35	21.60	-148.35	-23.02	819.10	1,548.66	1,501.02	47.64	32.507		
6,200.00	6,024.10	6,344.32	6,328.82	32.91	22.19	-150.08	-36.66	781.90	1,551.31	1,503.01	48.30	32.117		
6,300.00	6,120.97	6,549.80	6,524.57	33.46	23.03	-152.45	-65.21	726.51	1,548.88	1,500.01	48.87	31.694		
6,400.00	6,217.84	6,749.97	6,710.85	34.02	23.92	-154.87	-104.69	665.01	1,540.11	1,490.81	49.31	31.236		
6,500.00	6,314.72	6,879.59	6,828.54	34.58	24.55	-156.65	-133.09	618.73	1,528.41	1,478.52	49.89	30.634		
6,600.00	6,411.59	6,969.47	6,909.21	35.13	25.03	-157.99	-152.72	584.30	1,516.64	1,466.01	50.63	29.956		
6,700.00	6,508.46	7,052.78	6,983.74	35.69	25.48	-159.28	-170.34	551.53	1,506.13	1,454.72	51.40	29.301		
6,800.00	6,605.33	7,155.99	7,076.61	36.25	26.05	-160.83	-192.89	512.57	1,496.61	1,444.47	52.14	28.704		
6,900.00	6,702.20	7,274.96	7,186.41	36.81	26.67	-162.09	-225.41	481.02	1,486.15	1,433.32	52.83	28.131		
7,000.00	6,799.07	7,342.00	7,249.64	37.36	26.98	-162.41	-246.20	473.38	1,476.66	1,423.01	53.65	27.523		
7,100.00	6,895.94	7,402.71	7,307.33	37.92	27.20	-162.46	-265.05	472.99	1,469.61	1,415.16	54.45	26.989		
7,200.00	6,992.81	7,468.31	7,369.55	38.48	27.43	-162.25	-284.71	479.32	1,465.42	1,410.19	55.23	26.531		
7,300.00	7,089.68	7,544.46	7,440.29	39.03	27.65	-161.67	-307.79	495.29	1,462.99	1,406.98	56.01	26.121		
7,377.00	7,164.24	7,593.66	7,484.19	39.46	27.76	-154.95	-322.73	511.64	1,462.40	1,405.79	56.61	25.833		
7,400.00	7,186.54	7,607.36	7,496.04	39.59	27.79	-152.92	-326.87	517.13	1,462.77	1,405.98	56.79	25.756		
7,500.00	7,282.19	7,655.43	7,536.16	40.15	27.88	-123.68	-341.00	539.45	1,463.12	1,405.59	57.53	25.432		
7,600.00	7,373.82	7,720.00	7,586.28	40.71	27.99	-108.37	-357.85	576.41	1,463.89	1,405.61	58.29	25.116		
7,700.00	7,458.63	7,749.55	7,607.66	41.25	28.03	-100.55	-364.81	595.60	1,463.65	1,404.84	58.81	24.888		
7,800.00	7,534.06	7,814.00	7,651.03	41.77	28.12	-95.99	-379.11	641.03	1,462.44	1,402.91	59.54	24.563		
7,900.00	7,597.82	7,878.56	7,689.55	42.29	28.23	-93.49	-392.34	691.08	1,459.41	1,399.03	60.38	24.171		
8,000.00	7,647.96	7,938.65	7,720.62	42.80	28.37	-92.34	-403.65	741.23	1,454.50	1,393.20	61.30	23.728		
8,100.00	7,682.96	8,003.00	7,749.07	43.34	28.61	-92.22	-413.74	798.03	1,448.68	1,386.25	62.43	23.205		
8,200.00	7,701.75	8,044.12	7,764.71	43.90	28.85	-92.73	-418.93	835.70	1,442.17	1,378.71	63.46	22.726		
8,300.00	7,705.00	8,098.00	7,782.29	44.51	29.20	-93.69	-424.11	886.35	1,435.97	1,371.19	64.78	22.166		
8,400.00	7,705.00	8,209.28	7,805.12	45.23	30.20	-94.63	-433.77	994.67	1,430.00	1,362.67	67.33	21.239		
8,500.00	7,705.00	8,263.50	7,808.72	46.08	30.76	-94.78	-437.14	1,048.64	1,425.73	1,356.71	69.01	20.659		
8,586.75	7,705.00	8,312.19	7,808.27	46.94	31.31	-94.76	-438.42	1,097.30	1,424.59	1,353.99	70.60	20.179		
8,600.00	7,705.00	8,319.81	7,808.15	47.08	31.41	-94.76	-438.50	1,104.92	1,424.61	1,353.77	70.85	20.109		
8,700.00	7,705.00	8,381.00	7,807.36	48.22	32.14	-94.72	-438.08	1,166.11	1,426.51	1,353.64	72.87	19.576		
8,800.00	7,705.00	8,507.53	7,805.94	49.50	33.91	-94.65	-436.96	1,292.62	1,428.71	1,351.99	76.72	18.623		
8,900.00	7,705.00	8,604.26	7,804.80	50.91	35.40	-94.61	-437.12	1,389.34	1,429.86	1,349.80	80.07	17.859		
9,000.00	7,705.00	8,685.63	7,804.29	52.45	36.75	-94.58	-436.50	1,470.71	1,431.98	1,348.82	83.15	17.221		
9,100.00	7,705.00	8,766.54	7,803.82	54.11	38.17	-94.55	-434.74	1,551.60	1,435.49	1,349.15	86.34	16.625		
9,200.00	7,705.00	8,868.48	7,802.49	55.87	40.05	-94.49	-432.00	1,653.49	1,439.47	1,349.13	90.34	15.934		
9,300.00	7,705.00	8,959.69	7,801.20	57.72	41.80	-94.42	-429.29	1,744.65	1,443.73	1,349.62	94.12	15.340		
9,400.00	7,705.00	9,048.15	7,800.26	59.65	43.56	-94.37	-426.06	1,833.05	1,448.69	1,350.79	97.90	14.797		
9,500.00	7,705.00	9,132.70	7,799.15	61.66	45.30	-94.31	-422.17	1,917.50	1,454.59	1,352.96	101.63	14.312		
9,600.00	7,705.00	9,227.96	7,797.62	63.73	47.30	-94.23	-417.11	2,012.61	1,461.17	1,355.34	105.83	13.807		
9,700.00	7,705.00	9,386.95	7,796.04	65.85	50.77	-94.15	-410.58	2,171.44	1,467.02	1,354.49	112.53	13.037		
9,800.00	7,705.00	9,536.62	7,795.29	68.02	54.15	-94.12	-412.11	2,321.10	1,467.04	1,348.09	118.95	12.333		
9,869.59	7,705.00	9,596.16	7,794.95	69.56	55.53	-94.10	-413.13	2,380.63	1,466.80	1,344.96	121.84	12.039		

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

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3CH - 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			
9,900.00	7,705.00	9,625.84	7,794.77	70.23	56.22	-94.10	-413.52	2,410.31	1,466.82	1,343.58	123.24	11.902			
10,000.00	7,705.00	9,804.28	7,793.12	72.48	60.42	-94.04	-418.83	2,588.63	1,465.97	1,335.19	130.78	11.209			
10,100.00	7,705.00	9,943.84	7,790.91	74.77	63.78	-93.98	-431.68	2,727.58	1,457.58	1,320.65	136.93	10.645			
10,200.00	7,705.00	10,007.54	7,790.28	77.09	65.32	-93.97	-437.02	2,791.05	1,450.64	1,310.06	140.57	10.320			
10,300.00	7,705.00	10,077.00	7,789.83	79.43	67.02	-93.96	-440.38	2,860.42	1,446.86	1,302.48	144.38	10.021			
10,396.14	7,705.00	10,123.43	7,789.58	81.71	68.15	-93.95	-441.34	2,906.83	1,445.68	1,298.45	147.23	9.819			
10,400.00	7,705.00	10,126.12	7,789.56	81.80	68.22	-93.95	-441.38	2,909.53	1,445.68	1,298.31	147.37	9.810			
10,500.00	7,705.00	10,198.22	7,789.04	84.19	69.99	-93.93	-441.55	2,981.62	1,446.78	1,295.59	151.19	9.569			
10,600.00	7,705.00	10,275.92	7,788.43	86.60	71.90	-93.90	-440.39	3,059.31	1,449.60	1,294.39	155.21	9.340			
10,700.00	7,705.00	10,364.73	7,787.67	89.03	74.09	-93.86	-438.10	3,148.09	1,453.53	1,293.83	159.71	9.101			
10,800.00	7,705.00	10,453.79	7,787.36	91.47	76.30	-93.83	-435.15	3,237.09	1,458.22	1,293.99	164.22	8.879			
10,900.00	7,705.00	10,613.46	7,786.65	93.93	80.29	-93.79	-432.89	3,396.74	1,460.87	1,289.07	171.80	8.504			
11,000.00	7,705.00	10,724.04	7,786.02	96.41	83.09	-93.77	-433.93	3,507.31	1,461.28	1,283.99	177.28	8.243			
11,100.00	7,705.00	10,798.60	7,785.56	98.89	84.97	-93.75	-434.25	3,581.86	1,462.27	1,280.95	181.32	8.065			
11,200.00	7,705.00	10,884.36	7,785.13	101.39	87.15	-93.72	-433.06	3,667.62	1,464.98	1,279.18	185.80	7.885			
11,300.00	7,705.00	11,055.11	7,783.45	103.90	91.51	-93.66	-433.96	3,838.33	1,466.00	1,272.20	193.79	7.565			
11,400.00	7,705.00	11,172.02	7,781.83	106.42	94.51	-93.60	-438.52	3,955.14	1,463.40	1,263.83	199.56	7.333			
11,500.00	7,705.00	11,303.77	7,780.47	108.95	97.91	-93.56	-445.45	4,086.70	1,459.55	1,253.71	205.85	7.091			
11,600.00	7,705.00	11,398.00	7,779.59	111.48	100.35	-93.54	-451.90	4,180.70	1,454.09	1,243.28	210.81	6.898			
11,700.00	7,705.00	11,464.33	7,779.10	114.03	102.07	-93.52	-455.55	4,246.92	1,450.11	1,235.35	214.77	6.752			
11,800.00	7,705.00	11,552.69	7,778.55	116.58	104.37	-93.51	-458.13	4,335.24	1,448.51	1,229.00	219.50	6.599			
11,900.00	7,705.00	11,654.07	7,777.86	119.14	107.00	-93.48	-461.44	4,436.57	1,446.61	1,221.86	224.75	6.437			
12,000.00	7,705.00	11,737.59	7,777.35	121.70	109.18	-93.46	-463.73	4,520.05	1,445.27	1,215.97	229.30	6.303			
12,044.08	7,705.00	11,772.31	7,777.16	122.83	110.08	-93.46	-464.32	4,554.77	1,445.12	1,213.91	231.21	6.250			
12,100.00	7,705.00	11,813.26	7,776.93	124.27	111.15	-93.45	-464.68	4,595.72	1,445.40	1,211.91	233.49	6.190			
12,200.00	7,705.00	11,887.69	7,776.33	126.85	113.08	-93.42	-464.23	4,670.15	1,447.35	1,209.79	237.57	6.092			
12,300.00	7,705.00	11,967.91	7,775.68	129.43	115.17	-93.39	-462.52	4,750.35	1,450.83	1,208.97	241.86	5.999			
12,400.00	7,705.00	12,051.73	7,775.07	132.01	117.34	-93.36	-459.72	4,834.11	1,455.54	1,209.25	246.29	5.910			
12,500.00	7,705.00	12,108.01	7,774.66	134.60	118.80	-93.33	-456.75	4,890.31	1,462.21	1,212.97	249.24	5.867			
12,600.00	7,705.00	12,178.59	7,774.11	137.20	120.62	-93.29	-450.73	4,960.63	1,471.89	1,219.08	252.81	5.822			
12,700.00	7,705.00	12,384.04	7,772.86	139.80	125.95	-93.21	-439.48	5,165.70	1,478.95	1,215.47	263.48	5.613			
12,800.00	7,705.00	12,623.12	7,770.03	142.40	132.24	-93.12	-449.77	5,404.38	1,474.16	1,200.13	274.03	5.380			
12,900.00	7,705.00	12,657.06	7,769.48	145.00	133.13	-93.10	-451.63	5,438.26	1,470.03	1,192.98	277.05	5.306			
12,941.24	7,705.00	12,670.84	7,769.26	146.08	133.49	-93.09	-451.94	5,452.04	1,469.65	1,191.51	278.14	5.284			
13,000.00	7,705.00	12,690.48	7,768.96	147.61	134.00	-93.08	-451.94	5,471.68	1,470.43	1,190.90	279.53	5.260			
13,100.00	7,705.00	12,719.00	7,768.54	150.23	134.75	-93.06	-451.01	5,500.18	1,475.37	1,194.17	281.20	5.247			
13,200.00	7,705.00	12,768.42	7,767.81	152.84	136.03	-93.02	-447.36	5,549.45	1,484.32	1,200.78	283.54	5.235			
13,300.00	7,705.00	13,224.87	7,759.90	155.46	147.99	-92.74	-464.88	6,003.01	1,476.58	1,174.04	302.54	4.881			
13,400.00	7,705.00	13,285.00	7,759.12	158.08	149.58	-92.72	-472.19	6,062.68	1,465.43	1,158.35	307.07	4.772			
13,500.00	7,705.00	13,329.02	7,758.51	160.70	150.74	-92.70	-476.11	6,106.52	1,457.34	1,146.36	310.98	4.686			
13,600.00	7,705.00	13,391.02	7,757.60	163.33	152.39	-92.67	-480.18	6,168.38	1,452.10	1,137.01	315.09	4.608			
13,700.00	7,705.00	13,461.08	7,756.58	165.96	154.25	-92.63	-483.19	6,238.36	1,449.14	1,129.82	319.32	4.538			
13,800.00	7,705.00	13,552.42	7,755.29	168.59	156.67	-92.59	-485.77	6,329.66	1,447.65	1,123.36	324.29	4.464			
13,888.56	7,705.00	13,621.74	7,754.29	170.92	158.51	-92.55	-487.25	6,398.96	1,446.97	1,118.76	328.21	4.409			
13,900.00	7,705.00	13,630.24	7,754.16	171.22	158.73	-92.54	-487.36	6,407.45	1,446.98	1,118.29	328.69	4.402			
14,000.00	7,705.00	13,726.21	7,752.69	173.86	161.28	-92.48	-488.00	6,503.41	1,447.65	1,113.82	333.83	4.337			
14,100.00	7,705.00	13,841.80	7,750.78	176.49	164.35	-92.41	-489.58	6,618.97	1,447.62	1,107.83	339.79	4.260			
14,200.00	7,705.00	13,959.84	7,749.12	179.13	167.48	-92.34	-492.60	6,736.96	1,446.41	1,100.59	345.82	4.183			
14,300.00	7,705.00	14,046.13	7,747.88	181.77	169.78	-92.30	-494.77	6,823.21	1,445.23	1,094.63	350.60	4.122			
14,400.00	7,705.00	14,151.75	7,746.64	184.41	172.59	-92.25	-497.38	6,928.80	1,444.12	1,087.97	356.14	4.055			
14,500.00	7,705.00	14,274.88	7,745.77	187.06	175.87	-92.22	-501.08	7,051.86	1,442.60	1,080.27	362.33	3.981			
14,600.00	7,705.00	14,390.81	7,744.33	189.70	178.96	-92.17	-507.27	7,167.63	1,438.53	1,070.34	368.20	3.907			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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		
14,700.00	7,705.00	14,471.51	7,743.26	192.35	181.11	-92.13	-511.16	7,248.22	1,435.10	1,062.24	372.86	3.849		
14,800.00	7,705.00	14,551.46	7,742.12	194.99	183.24	-92.08	-513.74	7,328.12	1,433.21	1,055.77	377.44	3.797		
14,900.00	7,705.00	14,637.84	7,740.93	197.64	185.54	-92.04	-515.54	7,414.47	1,432.48	1,050.27	382.21	3.748		
14,947.02	7,705.00	14,680.51	7,740.43	198.89	186.68	-92.02	-516.19	7,457.13	1,432.41	1,047.88	384.53	3.725		
15,000.00	7,705.00	14,733.86	7,739.87	200.29	188.10	-92.00	-516.89	7,510.47	1,432.44	1,045.07	387.37	3.698		
15,090.36	7,705.00	14,823.83	7,738.88	202.69	190.50	-91.96	-518.27	7,600.43	1,432.29	1,040.12	392.18	3.652		
15,100.00	7,705.00	14,832.20	7,738.79	202.95	190.72	-91.95	-518.38	7,608.79	1,432.30	1,039.66	392.64	3.648		
15,200.00	7,705.00	14,914.38	7,737.95	205.60	192.91	-91.92	-519.03	7,690.97	1,432.90	1,035.73	397.17	3.608		
15,300.00	7,705.00	14,988.01	7,737.44	208.25	194.87	-91.90	-518.39	7,764.60	1,435.16	1,033.94	401.22	3.577		
15,400.00	7,705.00	15,062.45	7,736.91	210.91	196.84	-91.87	-516.40	7,839.01	1,439.21	1,034.04	405.17	3.552		
15,500.00	7,705.00	15,150.47	7,736.14	213.56	199.18	-91.83	-512.81	7,926.95	1,444.66	1,034.84	409.81	3.525		
15,600.00	7,705.00	15,267.67	7,735.15	216.22	202.28	-91.79	-508.16	8,044.05	1,450.03	1,033.92	416.12	3.485		
15,700.00	7,705.00	15,394.96	7,734.18	218.88	205.67	-91.74	-505.34	8,171.31	1,453.63	1,030.75	422.88	3.437		
15,800.00	7,705.00	15,505.05	7,733.05	221.54	208.60	-91.69	-504.51	8,281.38	1,455.73	1,027.03	428.71	3.396		
15,900.00	7,705.00	15,601.77	7,732.15	224.20	211.18	-91.66	-503.82	8,378.10	1,457.83	1,023.94	433.89	3.360		
16,000.00	7,705.00	15,694.42	7,731.47	226.86	213.65	-91.63	-502.88	8,470.74	1,460.24	1,021.37	438.86	3.327		
16,100.00	7,705.00	15,786.79	7,730.60	229.52	216.11	-91.59	-501.36	8,563.10	1,463.26	1,019.44	443.82	3.297		
16,200.00	7,705.00	15,887.43	7,729.73	232.18	218.79	-91.55	-499.43	8,663.71	1,466.56	1,017.37	449.19	3.265		
16,300.00	7,705.00	15,981.93	7,728.81	234.85	221.30	-91.51	-497.69	8,758.20	1,469.79	1,015.54	454.25	3.236		
16,400.00	7,705.00	16,083.50	7,727.88	237.51	224.01	-91.47	-495.34	8,859.73	1,473.50	1,013.83	459.67	3.206		
16,500.00	7,705.00	16,186.84	7,726.96	240.17	226.76	-91.43	-493.41	8,963.05	1,476.74	1,011.56	465.19	3.175		
16,600.00	7,705.00	16,286.71	7,726.10	242.84	229.42	-91.40	-491.58	9,062.90	1,479.96	1,009.44	470.52	3.145		
16,700.00	7,705.00	16,443.64	7,724.71	245.51	233.62	-91.34	-491.51	9,219.81	1,481.47	1,003.01	478.46	3.096		
16,800.00	7,705.00	16,567.16	7,723.65	248.17	236.93	-91.30	-495.30	9,343.27	1,479.73	995.05	484.69	3.053		
16,900.00	7,705.00	16,659.30	7,722.86	250.84	239.39	-91.27	-498.47	9,435.35	1,477.68	987.92	489.77	3.017		
17,000.00	7,705.00	16,796.84	7,721.08	253.51	243.08	-91.21	-504.42	9,572.74	1,474.74	978.42	496.33	2.971		
17,100.00	7,705.00	16,973.10	7,719.01	256.18	247.81	-91.14	-516.37	9,748.55	1,470.43	967.29	503.14	2.923		
17,200.00	7,705.00	17,090.40	7,717.18	258.85	250.94	-91.07	-531.01	9,864.91	1,459.11	950.49	508.62	2.869		
17,300.00	7,705.00	17,152.00	7,716.44	261.52	252.59	-91.05	-537.22	9,926.19	1,450.18	936.61	513.57	2.824		
17,400.00	7,705.00	17,199.76	7,715.96	264.19	253.87	-91.03	-540.56	9,973.83	1,444.26	926.42	517.84	2.789		
17,500.00	7,705.00	17,261.07	7,715.37	266.86	255.52	-91.01	-543.22	10,035.08	1,441.26	919.29	521.97	2.761		
17,598.39	7,705.00	17,334.36	7,714.68	269.49	257.48	-90.98	-544.87	10,108.34	1,440.41	914.15	526.26	2.737		
17,600.00	7,705.00	17,335.56	7,714.67	269.53	257.51	-90.98	-544.89	10,109.54	1,440.41	914.08	526.32	2.737		
17,700.00	7,705.00	17,433.18	7,713.83	272.20	260.13	-90.95	-546.09	10,207.15	1,440.58	908.99	531.58	2.710		
17,800.00	7,705.00	17,517.16	7,713.04	274.87	262.38	-90.92	-546.64	10,291.12	1,441.31	905.10	536.21	2.688		
17,900.00	7,705.00	17,589.52	7,712.29	277.55	264.31	-90.89	-546.07	10,363.48	1,443.51	903.35	540.16	2.672		
18,000.00	7,705.00	17,666.85	7,711.63	280.22	266.38	-90.86	-543.94	10,440.78	1,447.64	903.41	544.22	2.660		
18,100.00	7,705.00	17,761.01	7,710.70	282.89	268.88	-90.82	-540.35	10,534.86	1,452.83	903.61	549.22	2.645		
18,187.13	7,705.00	17,853.31	7,709.79	285.22	271.34	-90.78	-537.08	10,627.11	1,457.12	902.93	554.20	2.629 ES, SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3DH - 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	91.23	-20.02	929.75	930.07						
100.00	100.00	86.10	86.10	0.13	0.22	91.22	-19.76	929.75	929.96	929.60	0.35	2,631.489			
200.00	199.98	183.77	183.76	0.48	0.57	-82.86	-19.01	929.88	929.85	928.80	1.05	885.366			
300.00	299.84	281.32	281.32	0.84	0.92	-83.22	-18.36	930.24	929.58	927.82	1.76	529.038			
400.00	399.45	380.15	380.14	1.22	1.27	-83.79	-17.75	930.77	929.13	926.64	2.49	373.410			
500.00	498.70	479.60	479.58	1.62	1.63	-84.59	-17.08	931.33	928.45	925.21	3.24	286.141			
600.00	597.47	579.25	579.24	2.05	1.98	-85.60	-16.44	931.83	927.62	923.59	4.03	230.184			
700.00	695.62	678.50	678.48	2.51	2.34	-86.82	-15.93	932.18	926.72	921.87	4.85	191.238			
800.00	793.06	776.13	776.11	3.00	2.69	-88.22	-15.45	932.50	926.08	920.39	5.69	162.684			
889.20	879.55	863.82	863.80	3.47	3.00	-89.56	-15.12	932.68	925.87	919.39	6.48	142.991	CC		
900.00	889.94	874.29	874.27	3.53	3.04	-89.74	-15.08	932.70	925.87	919.30	6.57	140.942			
1,000.00	986.81	970.87	970.85	4.06	3.39	-91.25	-14.57	932.80	926.27	918.82	7.45	124.351			
1,100.00	1,083.68	1,067.65	1,067.63	4.60	3.73	-92.77	-13.98	932.96	927.43	919.09	8.33	111.292			
1,200.00	1,180.55	1,165.79	1,165.76	5.15	4.08	-94.30	-13.48	933.03	929.17	919.94	9.22	100.737			
1,300.00	1,277.42	1,263.68	1,263.66	5.69	4.43	-95.82	-12.98	932.96	931.45	921.34	10.11	92.115			
1,400.00	1,374.30	1,361.45	1,361.42	6.24	4.78	-97.33	-12.51	932.78	934.31	923.32	11.00	84.964			
1,500.00	1,471.17	1,458.58	1,458.55	6.79	5.12	-98.83	-12.02	932.51	937.77	925.89	11.88	78.962			
1,600.00	1,568.04	1,555.51	1,555.47	7.34	5.46	-100.31	-11.54	932.22	941.87	929.12	12.75	73.862			
1,700.00	1,664.91	1,653.08	1,653.05	7.89	5.80	-101.77	-11.28	931.95	946.58	932.96	13.62	69.484			
1,800.00	1,761.78	1,750.97	1,750.93	8.45	6.15	-103.22	-11.08	931.59	951.83	937.34	14.49	65.691			
1,900.00	1,858.65	1,849.24	1,849.21	9.00	6.49	-104.67	-10.86	931.09	957.58	942.23	15.35	62.374			
2,000.00	1,955.52	1,946.02	1,945.98	9.55	6.82	-106.07	-10.73	930.55	963.87	947.67	16.20	59.487			
2,100.00	2,052.39	2,042.16	2,042.13	10.11	7.16	-107.45	-10.59	930.05	970.80	953.76	17.05	56.946			
2,200.00	2,149.26	2,138.82	2,138.78	10.66	7.49	-108.81	-10.42	929.57	978.37	960.48	17.89	54.687			
2,300.00	2,246.13	2,231.59	2,231.55	11.22	7.82	-110.09	-10.27	929.35	986.73	968.01	18.71	52.725			
2,400.00	2,343.01	2,328.11	2,328.07	11.77	8.16	-111.40	-10.16	929.42	995.88	976.33	19.55	50.942			
2,500.00	2,439.88	2,425.61	2,425.57	12.33	8.50	-112.69	-10.14	929.48	1,005.52	985.15	20.37	49.353			
2,600.00	2,536.75	2,523.76	2,523.72	12.88	8.83	-113.96	-10.25	929.51	1,015.58	994.40	21.19	47.938			
2,700.00	2,633.62	2,621.90	2,621.86	13.44	9.16	-115.21	-10.35	929.39	1,026.02	1,004.03	21.99	46.653			
2,800.00	2,730.49	2,715.73	2,715.69	13.99	9.49	-116.38	-10.36	929.30	1,037.02	1,014.23	22.79	45.511			
2,900.00	2,827.36	2,812.83	2,812.79	14.55	9.83	-117.57	-10.29	929.35	1,048.64	1,025.05	23.59	44.448			
3,000.00	2,924.23	2,908.77	2,908.73	15.10	10.17	-118.72	-10.27	929.45	1,060.74	1,036.35	24.38	43.501			
3,100.00	3,021.10	3,007.23	3,007.19	15.66	10.51	-119.87	-10.20	929.48	1,073.25	1,048.06	25.18	42.620			
3,200.00	3,117.97	3,103.23	3,103.19	16.21	10.85	-120.98	-10.10	929.45	1,086.15	1,060.18	25.97	41.826			
3,300.00	3,214.84	3,200.75	3,200.71	16.77	11.20	-122.07	-10.02	929.44	1,099.47	1,072.71	26.76	41.090			
3,400.00	3,311.72	3,298.09	3,298.05	17.33	11.55	-123.14	-9.91	929.32	1,113.13	1,085.59	27.54	40.420			
3,500.00	3,408.59	3,393.84	3,393.80	17.88	11.89	-124.18	-9.67	929.14	1,127.21	1,098.90	28.31	39.821			
3,600.00	3,505.46	3,489.62	3,489.58	18.44	12.22	-125.18	-9.53	929.18	1,141.77	1,112.70	29.07	39.279			
3,700.00	3,602.33	3,587.01	3,586.96	18.99	12.56	-126.17	-9.49	929.32	1,156.68	1,126.85	29.83	38.775			
3,800.00	3,699.20	3,683.09	3,683.05	19.55	12.90	-127.13	-9.34	929.39	1,171.96	1,141.37	30.59	38.317			
3,900.00	3,796.07	3,780.77	3,780.72	20.11	13.25	-128.09	-8.89	929.16	1,187.57	1,156.22	31.35	37.886			
4,000.00	3,892.94	3,879.35	3,879.31	20.66	13.59	-129.06	-8.24	928.54	1,203.38	1,171.28	32.10	37.487			
4,100.00	3,989.81	3,975.86	3,975.81	21.22	13.93	-129.96	-8.14	928.37	1,219.41	1,186.58	32.84	37.134			
4,200.00	4,086.68	4,071.71	4,071.66	21.78	14.26	-130.82	-8.05	928.43	1,235.91	1,202.34	33.57	36.815			
4,300.00	4,183.55	4,170.58	4,170.53	22.33	14.60	-131.68	-8.15	928.42	1,252.48	1,218.16	34.31	36.501			
4,400.00	4,280.43	4,265.22	4,265.18	22.89	14.92	-132.47	-8.19	928.57	1,269.46	1,234.43	35.03	36.236			
4,500.00	4,377.30	4,362.28	4,362.24	23.44	15.27	-133.28	-8.14	928.58	1,286.69	1,250.92	35.77	35.972			
4,600.00	4,474.17	4,458.93	4,458.89	24.00	15.61	-134.06	-7.96	928.57	1,304.25	1,267.74	36.50	35.730			
4,700.00	4,571.04	4,556.48	4,556.44	24.56	15.95	-134.84	-7.84	928.46	1,321.94	1,284.70	37.24	35.500			
4,800.00	4,667.91	4,652.67	4,652.62	25.11	16.29	-135.57	-7.76	928.51	1,339.92	1,301.96	37.96	35.296			
4,900.00	4,764.78	4,760.88	4,760.84	25.67	16.67	-136.38	-7.84	928.35	1,357.91	1,319.17	38.74	35.048			
5,000.00	4,861.65	4,851.26	4,851.20	26.23	16.99	-137.05	-8.28	927.69	1,375.44	1,336.02	39.43	34.885			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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			
5,100.00	4,958.52	4,941.01	4,940.96	26.78	17.30	-137.68	-8.22	927.96	1,394.17	1,354.06	40.11	34.758			
5,200.00	5,055.39	5,039.55	5,039.50	27.34	17.65	-138.35	-8.12	928.07	1,413.03	1,372.19	40.84	34.598			
5,300.00	5,152.26	5,145.24	5,145.19	27.90	18.02	-139.07	-8.16	928.02	1,431.89	1,390.29	41.60	34.416			
5,400.00	5,249.13	5,328.01	5,327.86	28.45	18.64	-140.28	-12.05	924.50	1,448.74	1,406.05	42.69	33.939			
5,500.00	5,346.01	5,583.31	5,580.98	29.01	19.51	-142.17	-33.83	901.09	1,455.52	1,411.80	43.72	33.290			
5,600.00	5,442.88	5,709.86	5,705.16	29.57	19.96	-143.26	-48.70	881.83	1,457.25	1,412.83	44.42	32.806			
5,700.00	5,539.75	5,801.02	5,794.39	30.12	20.28	-144.07	-59.75	866.76	1,458.33	1,413.24	45.10	32.338			
5,800.00	5,636.62	5,896.39	5,887.97	30.68	20.63	-144.87	-71.43	852.58	1,460.48	1,414.70	45.78	31.902			
5,900.00	5,733.49	6,026.30	6,015.35	31.24	21.10	-145.86	-89.66	834.70	1,462.01	1,415.53	46.48	31.453			
6,000.00	5,830.36	6,204.39	6,188.46	31.79	21.78	-147.20	-121.04	807.28	1,459.79	1,412.66	47.13	30.977			
6,100.00	5,927.23	6,329.25	6,308.78	32.35	22.27	-148.11	-147.36	786.74	1,454.23	1,406.45	47.78	30.437			
6,200.00	6,024.10	6,462.94	6,436.80	32.91	22.81	-149.08	-178.30	763.85	1,446.69	1,398.29	48.40	29.890			
6,300.00	6,120.97	6,618.35	6,584.08	33.46	23.48	-150.29	-217.70	733.76	1,436.37	1,387.46	48.92	29.363			
6,400.00	6,217.84	6,783.88	6,738.24	34.02	24.25	-151.81	-263.33	694.51	1,422.47	1,373.16	49.30	28.851			
6,500.00	6,314.72	6,894.42	6,839.34	34.58	24.80	-153.07	-294.28	662.26	1,405.90	1,356.00	49.90	28.172			
6,600.00	6,411.59	7,051.41	6,979.71	35.13	25.65	-155.26	-338.08	607.43	1,387.57	1,337.35	50.22	27.630			
6,700.00	6,508.46	7,170.90	7,083.55	35.69	26.35	-157.21	-372.92	559.67	1,366.48	1,315.72	50.76	26.920			
6,800.00	6,605.33	7,276.28	7,174.93	36.25	27.01	-158.89	-406.11	519.05	1,344.86	1,293.44	51.42	26.155			
6,900.00	6,702.20	7,365.96	7,254.27	36.81	27.55	-160.02	-437.58	491.72	1,323.86	1,271.67	52.19	25.366			
7,000.00	6,799.07	7,451.03	7,331.13	37.36	28.01	-160.48	-471.74	479.88	1,303.64	1,250.64	53.00	24.597			
7,100.00	6,895.94	7,515.56	7,389.42	37.92	28.30	-160.33	-499.21	482.01	1,285.36	1,231.41	53.95	23.826			
7,200.00	6,992.81	7,572.38	7,440.09	38.48	28.51	-159.88	-523.25	491.00	1,269.96	1,215.02	54.94	23.117			
7,300.00	7,089.68	7,625.00	7,486.64	39.03	28.70	-159.29	-544.49	503.23	1,258.13	1,202.21	55.91	22.501			
7,400.00	7,186.54	7,690.78	7,544.12	39.59	28.89	-150.61	-569.87	522.67	1,249.55	1,192.70	56.85	21.981			
7,500.00	7,282.19	7,771.68	7,612.84	40.15	29.10	-121.97	-600.27	552.51	1,240.60	1,182.82	57.78	21.471			
7,600.00	7,373.82	7,851.33	7,675.35	40.71	29.27	-107.68	-630.92	591.06	1,228.42	1,169.67	58.75	20.908			
7,700.00	7,458.63	7,908.00	7,715.52	41.25	29.38	-100.85	-652.32	624.77	1,214.40	1,154.77	59.63	20.366			
7,800.00	7,534.06	7,966.65	7,752.85	41.77	29.44	-97.48	-673.00	664.94	1,199.70	1,139.19	60.51	19.827			
7,900.00	7,597.82	8,003.00	7,773.70	42.29	29.48	-96.07	-684.62	692.34	1,185.47	1,124.33	61.15	19.387			
8,000.00	7,647.96	8,056.73	7,801.25	42.80	29.49	-95.74	-699.46	735.99	1,172.13	1,110.11	62.02	18.898			
8,100.00	7,682.96	8,097.00	7,819.26	43.34	29.51	-96.12	-708.40	770.86	1,160.74	1,097.96	62.78	18.489			
8,200.00	7,701.75	8,176.11	7,847.41	43.90	29.49	-97.42	-722.94	843.28	1,150.14	1,085.87	64.27	17.896			
8,300.00	7,705.00	8,235.04	7,862.34	44.51	29.43	-98.67	-731.80	899.58	1,140.33	1,074.73	65.61	17.382			
8,400.00	7,705.00	8,286.00	7,872.23	45.23	29.79	-99.20	-737.26	949.26	1,134.17	1,067.30	66.87	16.960			
8,500.00	7,705.00	8,357.10	7,881.91	46.08	30.51	-99.71	-741.89	1,019.53	1,131.44	1,062.73	68.71	16.468			
8,600.00	7,705.00	8,469.41	7,887.73	47.08	31.80	-100.02	-745.70	1,131.56	1,130.45	1,058.79	71.66	15.775			
8,700.00	7,705.00	8,560.60	7,886.78	48.22	32.99	-99.99	-748.60	1,222.70	1,128.53	1,054.13	74.40	15.169			
8,787.06	7,705.00	8,631.16	7,886.06	49.32	34.00	-99.96	-750.02	1,293.25	1,127.86	1,051.15	76.71	14.703			
8,800.00	7,705.00	8,641.52	7,885.98	49.50	34.15	-99.96	-750.14	1,303.60	1,127.88	1,050.83	77.05	14.638			
8,900.00	7,705.00	8,900.00	7,884.38	50.91	38.41	-99.95	-761.73	1,499.29	1,122.78	1,038.26	84.52	13.284			
9,000.00	7,705.00	8,917.85	7,883.72	52.45	38.78	-99.98	-769.77	1,579.04	1,114.37	1,027.79	86.58	12.871			
9,100.00	7,705.00	9,022.52	7,882.56	54.11	40.75	-99.98	-777.25	1,683.43	1,108.57	1,017.93	90.64	12.230			
9,200.00	7,705.00	9,142.44	7,880.91	55.87	43.12	-99.98	-788.41	1,802.82	1,100.53	1,005.14	95.39	11.538			
9,300.00	7,705.00	9,216.28	7,880.09	57.72	44.65	-99.98	-794.89	1,876.37	1,093.02	994.39	98.62	11.083			
9,400.00	7,705.00	9,286.63	7,879.09	59.65	46.12	-99.96	-799.41	1,946.56	1,087.85	986.09	101.76	10.691			
9,500.00	7,705.00	9,352.90	7,878.41	61.66	47.53	-99.94	-801.80	2,012.78	1,085.56	980.83	104.73	10.366			
9,519.56	7,705.00	9,365.21	7,878.28	62.06	47.79	-99.93	-801.99	2,025.09	1,085.49	980.21	105.28	10.310			
9,600.00	7,705.00	9,417.00	7,877.60	63.73	48.90	-99.89	-801.86	2,076.87	1,086.60	979.02	107.58	10.100			
9,700.00	7,705.00	9,554.54	7,875.82	65.85	51.93	-99.78	-801.89	2,214.40	1,087.83	974.14	113.69	9.568			
9,800.00	7,705.00	9,663.48	7,873.86	68.02	54.39	-99.70	-805.15	2,323.27	1,085.90	967.26	118.64	9.153			
9,900.00	7,705.00	9,761.84	7,872.01	70.23	56.65	-99.61	-807.55	2,421.58	1,084.57	961.36	123.21	8.803			
10,000.00	7,705.00	9,846.36	7,870.60	72.48	58.61	-99.54	-809.47	2,506.06	1,083.49	956.29	127.20	8.518			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	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		
10,002.36	7,705.00	9,848.13	7,870.58	72.54	58.66	-99.54	-809.49	2,507.83	1,083.49	956.20	127.29	8.512		
10,100.00	7,705.00	9,926.03	7,869.32	74.77	60.48	-99.47	-809.54	2,585.73	1,084.50	953.51	130.99	8.279		
10,200.00	7,705.00	10,026.84	7,867.63	77.09	62.86	-99.36	-808.40	2,686.51	1,086.74	950.94	135.80	8.002		
10,300.00	7,705.00	10,127.35	7,865.75	79.43	65.26	-99.24	-808.27	2,787.01	1,087.95	947.30	140.65	7.735		
10,400.00	7,705.00	10,224.62	7,863.87	81.80	67.61	-99.13	-807.17	2,884.25	1,090.15	944.77	145.37	7.499		
10,500.00	7,705.00	10,350.68	7,861.85	84.19	70.68	-99.01	-807.46	3,010.29	1,091.09	939.57	151.52	7.201		
10,521.49	7,705.00	10,379.13	7,861.51	84.71	71.37	-98.99	-808.02	3,038.73	1,090.93	938.04	152.89	7.135		
10,600.00	7,705.00	10,425.74	7,861.15	86.60	72.52	-98.97	-808.06	3,085.34	1,091.62	936.38	155.24	7.032		
10,700.00	7,705.00	10,487.55	7,860.93	89.03	74.03	-98.94	-806.81	3,147.14	1,095.05	936.85	158.20	6.922		
10,800.00	7,705.00	10,548.00	7,860.70	91.47	75.51	-98.89	-803.03	3,207.46	1,102.41	941.47	160.93	6.850		
10,900.00	7,705.00	10,664.85	7,860.36	93.93	78.37	-98.79	-794.48	3,324.00	1,111.05	944.18	166.87	6.658		
11,000.00	7,705.00	10,807.92	7,860.31	96.41	81.92	-98.73	-788.50	3,466.93	1,116.61	942.41	174.19	6.410		
11,100.00	7,705.00	10,971.74	7,860.47	98.89	86.05	-98.73	-790.53	3,630.70	1,116.51	934.23	182.28	6.125		
11,200.00	7,705.00	11,059.25	7,860.74	101.39	88.28	-98.76	-793.77	3,718.16	1,114.36	927.60	186.76	5.967		
11,239.83	7,705.00	11,086.73	7,860.86	102.39	88.98	-98.77	-794.33	3,745.63	1,114.14	925.95	188.19	5.920		
11,300.00	7,705.00	11,129.68	7,861.08	103.90	90.08	-98.78	-794.60	3,788.58	1,114.63	924.24	190.39	5.854		
11,400.00	7,705.00	11,209.00	7,861.18	106.42	92.09	-98.77	-793.59	3,867.89	1,117.26	922.87	194.40	5.747		
11,500.00	7,705.00	11,289.63	7,861.16	108.95	94.14	-98.74	-791.09	3,948.48	1,121.68	923.26	198.43	5.653		
11,600.00	7,705.00	11,373.20	7,861.12	111.48	96.26	-98.70	-787.33	4,031.96	1,127.52	924.93	202.59	5.566		
11,700.00	7,705.00	11,458.11	7,860.58	114.03	98.41	-98.62	-782.22	4,116.71	1,134.75	927.94	206.81	5.487		
11,800.00	7,705.00	11,561.86	7,859.35	116.58	101.05	-98.50	-775.10	4,220.21	1,142.76	930.58	212.18	5.386		
11,900.00	7,705.00	11,661.25	7,857.93	119.14	103.58	-98.37	-768.87	4,319.40	1,150.15	932.84	217.31	5.293		
12,000.00	7,705.00	11,794.94	7,855.98	121.70	107.00	-98.21	-762.10	4,452.89	1,156.38	931.96	224.42	5.153		
12,100.00	7,705.00	11,945.76	7,854.17	124.27	110.90	-98.09	-759.25	4,603.67	1,159.82	927.61	232.21	4.995		
12,200.00	7,705.00	12,075.66	7,851.90	126.85	114.29	-97.99	-762.44	4,733.50	1,158.46	919.71	238.76	4.852		
12,300.00	7,705.00	12,163.79	7,850.65	129.43	116.59	-97.93	-764.72	4,821.59	1,157.05	913.60	243.44	4.753		
12,400.00	7,705.00	12,287.99	7,849.27	132.01	119.84	-97.89	-769.68	4,945.68	1,154.25	904.57	249.68	4.623		
12,500.00	7,705.00	12,377.32	7,847.47	134.60	122.18	-97.82	-773.60	5,034.91	1,151.05	896.59	254.46	4.523		
12,600.00	7,705.00	12,469.10	7,845.96	137.20	124.59	-97.75	-776.19	5,126.63	1,149.38	890.04	259.34	4.432		
12,700.00	7,705.00	12,575.17	7,844.49	139.80	127.38	-97.69	-780.22	5,232.62	1,146.80	881.96	264.83	4.330		
12,800.00	7,705.00	12,624.00	7,843.52	142.40	128.66	-97.65	-781.70	5,281.42	1,145.84	878.21	267.63	4.281		
12,802.81	7,705.00	12,644.61	7,843.06	142.47	129.20	-97.63	-782.02	5,302.03	1,145.51	876.82	268.69	4.263		
12,900.00	7,705.00	12,690.05	7,842.13	145.00	130.39	-97.57	-781.23	5,347.44	1,148.29	877.30	270.98	4.237		
13,000.00	7,705.00	12,747.40	7,841.06	147.61	131.88	-97.49	-777.59	5,404.66	1,155.52	881.98	273.54	4.224		
13,100.00	7,705.00	12,826.63	7,839.61	150.23	133.92	-97.37	-770.57	5,483.56	1,165.41	888.04	277.37	4.202		
13,200.00	7,705.00	13,146.35	7,833.45	152.84	142.29	-97.03	-769.63	5,802.51	1,167.51	873.92	293.59	3.977		
13,300.00	7,705.00	13,237.08	7,831.73	155.46	144.69	-96.99	-778.44	5,892.79	1,159.09	860.51	298.59	3.882		
13,400.00	7,705.00	13,303.61	7,830.49	158.08	146.46	-96.96	-783.40	5,959.13	1,152.93	850.18	302.75	3.808		
13,500.00	7,705.00	13,361.30	7,829.48	160.70	147.98	-96.92	-785.69	6,016.76	1,150.17	843.88	306.30	3.755		
13,528.30	7,705.00	13,379.00	7,829.19	161.45	148.45	-96.90	-785.97	6,034.45	1,150.06	842.76	307.29	3.743		
13,600.00	7,705.00	13,449.80	7,828.03	163.33	150.32	-96.84	-786.72	6,105.23	1,150.16	839.11	311.05	3.698		
13,700.00	7,705.00	13,605.65	7,825.88	165.96	154.45	-96.76	-793.23	6,260.91	1,146.93	828.25	318.68	3.599		
13,800.00	7,705.00	13,681.88	7,824.89	168.59	156.48	-96.73	-797.25	6,337.02	1,143.00	819.94	323.06	3.538		
13,900.00	7,705.00	13,756.00	7,824.31	171.22	158.44	-96.70	-798.83	6,411.12	1,141.99	814.80	327.20	3.490		
13,905.11	7,705.00	13,756.00	7,824.31	171.36	158.44	-96.70	-798.83	6,411.12	1,141.98	814.76	327.22	3.490		
14,000.00	7,705.00	13,864.32	7,823.75	173.86	161.31	-96.68	-800.33	6,519.43	1,142.02	809.16	332.86	3.431		
14,100.00	7,705.00	13,977.77	7,822.36	176.49	164.33	-96.62	-804.29	6,632.79	1,139.75	801.00	338.75	3.365		
14,200.00	7,705.00	14,061.31	7,821.03	179.13	166.55	-96.56	-806.69	6,716.29	1,138.11	794.77	343.34	3.315		
14,260.89	7,705.00	14,111.85	7,820.16	180.74	167.89	-96.52	-807.54	6,766.81	1,137.83	791.75	346.08	3.288		
14,300.00	7,705.00	14,144.10	7,819.58	181.77	168.74	-96.49	-807.83	6,799.05	1,137.95	790.12	347.83	3.272		
14,400.00	7,705.00	14,225.52	7,818.19	184.41	170.90	-96.41	-807.66	6,880.46	1,139.37	787.20	352.16	3.235		
14,500.00	7,705.00	14,300.01	7,817.03	187.06	172.87	-96.34	-806.07	6,954.93	1,142.71	786.72	355.99	3.210		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 11-12 3DH - 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			
14,600.00	7,705.00	14,397.80	7,815.34	189.70	175.45	-96.23	-802.47	7,052.63	1,147.57	786.39	361.18	3.177			
14,700.00	7,705.00	14,698.84	7,807.89	192.35	183.45	-95.94	-823.60	7,352.19	1,138.19	764.45	373.74	3.045			
14,800.00	7,705.00	14,730.07	7,807.41	194.99	184.27	-95.94	-827.09	7,383.22	1,128.31	750.48	377.83	2.986			
14,900.00	7,705.00	14,761.45	7,807.04	197.64	185.10	-95.92	-828.71	7,414.55	1,124.47	743.87	380.60	2.954			
14,906.94	7,705.00	14,763.63	7,807.02	197.83	185.16	-95.92	-828.75	7,416.73	1,124.43	743.69	380.75	2.953			
15,000.00	7,705.00	14,793.00	7,806.78	200.29	185.94	-95.91	-828.40	7,446.09	1,126.73	744.70	382.03	2.949			
15,100.00	7,705.00	14,841.44	7,806.48	202.95	187.21	-95.87	-825.37	7,494.43	1,134.30	750.77	383.53	2.958			
15,200.00	7,705.00	14,891.55	7,806.22	205.60	188.51	-95.83	-819.94	7,544.25	1,146.34	761.87	384.46	2.982			
15,300.00	7,705.00	15,047.23	7,805.14	208.25	192.55	-95.67	-801.75	7,698.84	1,160.01	765.37	394.64	2.939			
15,400.00	7,705.00	15,292.80	7,803.07	210.91	199.07	-95.55	-800.99	7,944.21	1,159.67	751.27	408.40	2.840			
15,500.00	7,705.00	15,389.27	7,802.34	213.56	201.65	-95.53	-805.43	8,040.58	1,156.42	742.82	413.60	2.796			
15,600.00	7,705.00	15,475.63	7,802.06	216.22	203.96	-95.52	-808.76	8,126.87	1,153.96	735.59	418.37	2.758			
15,700.00	7,705.00	15,556.06	7,801.59	218.88	206.11	-95.50	-810.64	8,207.28	1,152.99	730.17	422.82	2.727			
15,705.47	7,705.00	15,560.28	7,801.55	219.02	206.22	-95.50	-810.70	8,211.49	1,152.98	729.93	423.05	2.725			
15,800.00	7,705.00	15,633.09	7,800.99	221.54	208.16	-95.47	-810.98	8,284.30	1,153.87	726.90	426.97	2.702			
15,900.00	7,705.00	15,722.36	7,800.31	224.20	210.54	-95.43	-810.00	8,373.56	1,156.29	724.59	431.70	2.678			
16,000.00	7,705.00	15,811.72	7,799.49	226.86	212.91	-95.37	-808.26	8,462.90	1,159.54	723.13	436.41	2.657			
16,100.00	7,705.00	15,916.47	7,798.38	229.52	215.70	-95.30	-805.79	8,567.61	1,163.21	721.16	442.05	2.631			
16,200.00	7,705.00	16,029.49	7,797.39	232.18	218.71	-95.24	-804.15	8,680.62	1,165.97	717.82	448.16	2.602			
16,300.00	7,705.00	16,134.86	7,796.42	234.85	221.52	-95.18	-803.49	8,785.98	1,167.92	714.11	453.80	2.574			
16,400.00	7,705.00	16,233.85	7,795.21	237.51	224.16	-95.11	-803.08	8,884.96	1,169.62	710.51	459.11	2.548			
16,500.00	7,705.00	16,326.68	7,791.86	240.17	226.63	-94.94	-802.12	8,977.73	1,171.74	707.62	464.12	2.525			
16,600.00	7,705.00	16,437.79	7,789.77	242.84	229.59	-94.83	-800.73	9,088.80	1,174.29	704.18	470.12	2.498			
16,700.00	7,705.00	16,589.50	7,788.87	245.51	233.65	-94.79	-804.14	9,240.45	1,173.31	695.54	477.77	2.456			
16,800.00	7,705.00	16,714.31	7,788.18	248.17	237.00	-94.77	-810.89	9,365.08	1,169.27	685.37	483.90	2.416			
16,900.00	7,705.00	16,832.26	7,787.56	250.84	240.16	-94.77	-819.39	9,482.72	1,163.44	673.77	489.67	2.376			
17,000.00	7,705.00	16,928.52	7,787.10	253.51	242.74	-94.78	-827.22	9,578.66	1,156.71	661.79	494.92	2.337			
17,100.00	7,705.00	17,029.18	7,786.51	256.18	245.44	-94.77	-834.72	9,679.04	1,150.64	650.36	500.28	2.300			
17,200.00	7,705.00	17,141.56	7,785.30	258.85	248.46	-94.74	-843.97	9,791.03	1,143.75	637.88	505.86	2.261			
17,300.00	7,705.00	17,233.44	7,784.63	261.52	250.92	-94.74	-851.85	9,882.57	1,136.55	625.49	511.06	2.224			
17,400.00	7,705.00	17,322.10	7,784.51	264.19	253.30	-94.75	-858.69	9,970.96	1,130.26	614.11	516.14	2.190			
17,500.00	7,705.00	17,408.27	7,784.29	266.86	255.62	-94.76	-864.38	10,056.94	1,125.05	603.93	521.12	2.159			
17,600.00	7,705.00	17,486.95	7,783.91	269.53	257.73	-94.75	-868.42	10,135.52	1,121.32	595.56	525.76	2.133			
17,700.00	7,705.00	17,559.48	7,783.50	272.20	259.67	-94.74	-870.55	10,208.01	1,119.78	589.85	529.93	2.113			
17,708.43	7,705.00	17,565.27	7,783.47	272.43	259.83	-94.74	-870.64	10,213.80	1,119.77	589.52	530.25	2.112			
17,800.00	7,705.00	17,628.53	7,783.19	274.87	261.52	-94.72	-870.69	10,277.06	1,120.95	587.37	533.58	2.101			
17,900.00	7,705.00	17,702.09	7,783.00	277.55	263.48	-94.70	-868.98	10,350.60	1,124.65	587.49	537.15	2.094			
18,000.00	7,705.00	17,784.14	7,782.73	280.22	265.66	-94.66	-865.37	10,432.56	1,130.39	589.25	541.14	2.089			
18,100.00	7,705.00	17,947.36	7,781.75	282.89	270.01	-94.59	-860.96	10,595.69	1,134.69	583.96	550.72	2.060			
18,187.13	7,705.00	18,010.00	7,781.54	285.22	271.69	-94.58	-861.71	10,658.33	1,135.27	581.32	553.95	2.049	ES, SF		

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

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
SEC 10-T4S-R65W - EXIST HZ SKY RANCH 4-65 9-10 1H - OWB - FINAL SURVEY													Offset Well Error:	0.00 usft
Survey Program: 2126-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	
0.00	0.00	0.00	0.00	0.00	0.00	2.72	2,360.83	112.23	2,363.51					
100.00	100.00	90.84	90.84	0.13	0.16	2.72	2,360.83	112.24	2,363.50	2,363.20	0.30	8,000.787	CC, ES	
200.00	199.98	190.64	190.64	0.48	0.34	-171.20	2,360.84	112.25	2,365.23	2,364.41	0.82	2,876.976		
300.00	299.84	290.32	290.32	0.84	0.51	-171.21	2,360.86	112.26	2,370.42	2,369.06	1.36	1,744.110		
400.00	399.45	389.76	389.76	1.22	0.69	-171.21	2,360.88	112.29	2,379.06	2,377.16	1.90	1,250.980		
500.00	498.70	488.83	488.83	1.62	0.87	-171.22	2,360.91	112.31	2,391.14	2,388.69	2.45	976.968		
600.00	597.47	587.41	587.41	2.05	1.04	-171.23	2,360.95	112.35	2,406.64	2,403.65	3.00	803.263		
700.00	695.62	685.38	685.38	2.51	1.21	-171.23	2,360.99	112.39	2,425.55	2,422.01	3.55	683.717		
800.00	793.06	782.63	782.63	3.00	1.39	-171.24	2,361.05	112.44	2,447.85	2,443.75	4.10	596.710		
900.00	889.94	879.32	879.32	3.53	1.56	-171.32	2,361.10	112.50	2,472.40	2,467.75	4.66	531.118		
1,000.00	986.81	976.00	976.00	4.06	1.73	-171.40	2,361.17	112.56	2,497.02	2,491.82	5.20	480.051		
1,100.00	1,083.68	1,072.68	1,072.67	4.60	1.90	-171.48	2,361.24	112.62	2,521.66	2,515.91	5.75	438.456		
1,200.00	1,180.55	1,169.35	1,169.35	5.15	2.07	-171.56	2,361.32	112.70	2,546.30	2,540.00	6.30	403.976		
1,300.00	1,277.42	1,266.01	1,266.01	5.69	2.24	-171.64	2,361.40	112.78	2,570.96	2,564.11	6.86	374.957		
1,400.00	1,374.30	1,362.68	1,362.68	6.24	2.41	-171.72	2,361.49	112.86	2,595.63	2,588.22	7.41	350.217		
1,500.00	1,471.17	1,459.34	1,459.34	6.79	2.59	-171.80	2,361.59	112.95	2,620.31	2,612.34	7.97	328.884		
1,600.00	1,568.04	1,556.00	1,556.00	7.34	2.76	-171.87	2,361.69	113.05	2,645.00	2,636.48	8.52	310.307		
1,700.00	1,664.91	1,652.66	1,652.66	7.89	2.93	-171.94	2,361.81	113.16	2,669.70	2,660.62	9.08	293.989		
1,800.00	1,761.78	1,749.31	1,749.31	8.45	3.10	-172.02	2,361.92	113.27	2,694.42	2,684.78	9.64	279.545		
1,900.00	1,858.65	1,845.96	1,845.96	9.00	3.27	-172.09	2,362.05	113.38	2,719.14	2,708.94	10.20	266.672		
2,000.00	1,955.52	1,942.61	1,942.60	9.55	3.44	-172.15	2,362.18	113.51	2,743.88	2,733.12	10.75	255.128		
2,100.00	2,052.39	2,039.25	2,039.25	10.11	3.61	-172.22	2,362.32	113.64	2,768.62	2,757.31	11.31	244.719		
2,200.00	2,149.26	2,135.89	2,135.89	10.66	3.79	-172.29	2,362.46	113.77	2,793.38	2,781.50	11.87	235.287		
2,300.00	2,246.13	2,226.44	2,226.43	11.22	4.12	-172.35	2,362.72	113.75	2,818.26	2,805.67	12.59	223.809		
2,400.00	2,343.01	2,332.29	2,332.28	11.77	4.49	-172.43	2,363.19	113.39	2,843.32	2,829.97	13.35	212.926		
2,500.00	2,439.88	2,429.83	2,429.79	12.33	5.02	-172.58	2,361.00	111.14	2,866.35	2,852.05	14.00	200.390		
2,600.00	2,536.75	2,521.05	2,521.05	12.88	5.32	-172.68	2,359.24	109.32	2,889.02	2,874.03	14.99	192.786		
2,700.00	2,633.62	2,618.51	2,618.39	13.44	5.65	-172.79	2,357.41	107.01	2,911.84	2,896.13	15.71	185.304		
2,800.00	2,730.49	2,715.39	2,715.23	13.99	5.97	-172.89	2,355.65	104.82	2,934.63	2,918.21	16.42	178.731		
2,900.00	2,827.36	2,812.65	2,812.47	14.55	6.22	-172.96	2,354.60	103.49	2,957.86	2,940.82	17.04	173.547		
3,000.00	2,924.23	2,909.67	2,909.49	15.10	6.48	-173.02	2,354.15	102.91	2,981.90	2,964.23	17.68	168.695		
3,100.00	3,021.10	3,006.63	3,006.45	15.66	6.79	-173.06	2,354.13	103.44	3,006.52	2,988.15	18.37	163.648		
3,200.00	3,117.97	3,103.49	3,103.25	16.21	7.13	-173.10	2,353.99	104.43	3,031.04	3,011.95	19.10	158.707		
3,300.00	3,214.84	3,199.73	3,199.54	16.77	7.44	-173.13	2,354.15	105.44	3,055.88	3,036.09	19.79	154.401		
3,400.00	3,311.72	3,300.06	3,300.86	17.33	7.83	-173.18	2,354.31	106.18	3,080.70	3,060.12	20.58	149.706		
3,500.00	3,408.59	3,422.72	3,422.51	17.88	8.22	-173.26	2,353.73	105.47	3,104.85	3,083.47	21.38	145.254		
3,600.00	3,505.46	3,505.36	3,505.15	18.44	8.50	-173.32	2,353.23	104.66	3,128.93	3,106.89	22.04	141.989		
3,700.00	3,602.33	3,584.47	3,584.26	18.99	8.78	-173.37	2,353.26	104.31	3,153.62	3,130.94	22.68	139.021		
3,800.00	3,699.20	3,672.80	3,672.59	19.55	9.09	-173.41	2,353.70	104.47	3,178.75	3,155.38	23.38	135.985		
3,900.00	3,796.07	3,769.34	3,769.12	20.11	9.43	-173.45	2,354.21	104.95	3,203.94	3,179.84	24.11	132.913		
4,000.00	3,892.94	3,858.66	3,858.44	20.66	9.75	-173.49	2,354.78	105.56	3,229.23	3,204.42	24.80	130.193		
4,100.00	3,989.81	3,946.69	3,946.46	21.22	10.06	-173.52	2,355.64	106.27	3,254.84	3,229.35	25.50	127.665		
4,200.00	4,086.68	4,040.60	4,040.37	21.78	10.39	-173.56	2,356.60	106.92	3,280.51	3,254.30	26.21	125.145		
4,300.00	4,183.55	4,154.61	4,154.37	22.33	10.79	-173.60	2,357.98	107.71	3,306.42	3,279.39	27.02	122.363		
4,400.00	4,280.43	4,301.68	4,301.42	22.89	11.30	-173.69	2,357.49	106.75	3,330.67	3,302.71	27.96	119.103		
4,500.00	4,377.30	4,392.75	4,392.49	23.44	11.61	-173.75	2,356.78	105.73	3,354.59	3,325.93	28.66	117.045		
4,600.00	4,474.17	4,476.86	4,476.59	24.00	11.90	-173.80	2,356.33	105.20	3,378.76	3,349.44	29.33	115.213		
4,700.00	4,571.04	4,601.34	4,601.07	24.56	12.33	-173.86	2,355.50	104.69	3,402.82	3,372.64	30.17	112.783		
4,800.00	4,667.91	4,712.13	4,711.84	25.11	12.71	-173.92	2,353.74	104.37	3,425.93	3,394.98	30.96	110.668		
4,900.00	4,764.78	4,787.23	4,786.95	25.67	12.97	-173.95	2,352.82	104.41	3,449.43	3,417.85	31.59	109.209		
5,000.00	4,861.65	4,862.00	4,861.71	26.23	13.23	-173.98	2,352.39	104.79	3,473.57	3,441.35	32.21	107.833		
5,100.00	4,958.52	4,939.26	4,938.97	26.78	13.50	-174.01	2,352.42	105.18	3,498.28	3,465.43	32.85	106.489		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 2126-MWD OWSG													Offset Well Error:		0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,200.00	5,055.39	5,039.70	5,039.41	27.34	13.85	-174.05	2,352.74	105.20	3,523.29	3,489.69	33.60	104.871			
5,300.00	5,152.26	5,130.72	5,130.42	27.90	14.17	-174.09	2,352.97	105.00	3,548.23	3,513.94	34.30	103.455			
5,400.00	5,249.13	5,223.47	5,223.18	28.45	14.50	-174.13	2,353.37	105.08	3,573.34	3,538.34	35.01	102.074			
5,500.00	5,346.01	5,315.60	5,315.30	29.01	14.82	-174.16	2,353.87	105.72	3,598.56	3,562.84	35.72	100.756			
5,600.00	5,442.88	5,401.00	5,400.69	29.57	15.12	-174.18	2,354.50	106.39	3,623.98	3,587.59	36.39	99.582			
5,700.00	5,539.75	5,495.75	5,495.44	30.12	15.46	-174.21	2,355.45	107.01	3,649.64	3,612.53	37.11	98.338			
5,800.00	5,636.62	5,627.99	5,627.68	30.68	15.92	-174.26	2,356.21	107.64	3,674.92	3,636.91	38.01	96.673			
5,900.00	5,733.49	5,717.85	5,717.53	31.24	16.24	-174.29	2,356.34	107.93	3,699.77	3,661.05	38.71	95.571			
6,000.00	5,830.36	5,803.62	5,803.31	31.79	16.54	-174.31	2,356.64	108.42	3,724.80	3,685.41	39.39	94.560			
6,100.00	5,927.23	5,917.13	5,916.81	32.35	16.94	-174.36	2,356.95	108.18	3,749.78	3,709.58	40.20	93.281			
6,200.00	6,024.10	5,971.84	5,971.52	32.91	17.13	-174.39	2,357.37	107.69	3,775.16	3,734.44	40.72	92.703			
6,300.00	6,120.97	6,120.84	6,120.50	33.46	17.65	-174.46	2,358.23	106.40	3,800.50	3,758.80	41.70	91.143			
6,400.00	6,217.84	6,222.64	6,222.30	34.02	18.00	-174.51	2,357.97	105.94	3,824.98	3,782.53	42.45	90.115			
6,500.00	6,314.72	6,325.31	6,324.97	34.58	18.35	-174.54	2,357.48	106.44	3,849.21	3,806.01	43.20	89.102			
6,600.00	6,411.59	6,438.80	6,438.45	35.13	18.75	-174.56	2,356.83	107.68	3,873.38	3,829.37	44.01	88.017			
6,700.00	6,508.46	6,560.92	6,560.56	35.69	19.17	-174.60	2,355.26	108.00	3,896.84	3,851.99	44.85	86.882			
6,800.00	6,605.33	6,673.69	6,673.30	36.25	19.56	-174.66	2,353.25	106.73	3,919.84	3,874.19	45.65	85.868			
6,900.00	6,702.20	6,744.95	6,744.55	36.81	19.81	-174.69	2,352.15	106.35	3,943.04	3,896.79	46.26	85.243			
7,000.00	6,799.07	6,839.39	6,838.99	37.36	20.14	-174.72	2,350.98	106.46	3,966.56	3,919.58	46.97	84.446			
7,100.00	6,895.94	6,939.25	6,938.84	37.92	20.48	-174.75	2,349.73	106.90	3,990.05	3,942.34	47.71	83.625			
7,200.00	6,992.81	7,026.05	7,025.62	38.48	20.79	-174.77	2,348.72	107.44	4,013.63	3,965.24	48.39	82.936			
7,300.00	7,089.68	7,113.20	7,112.78	39.03	21.09	-174.79	2,347.93	108.21	4,037.46	3,988.39	49.08	82.266			
7,400.00	7,186.54	7,195.93	7,195.50	39.59	21.38	-166.35	2,347.45	108.64	4,061.62	4,011.89	49.74	81.658			
7,500.00	7,282.19	7,256.00	7,255.42	40.15	21.59	-135.41	2,347.34	104.86	4,086.43	4,036.14	50.29	81.259			
7,600.00	7,373.82	7,274.74	7,273.98	40.71	21.65	-118.25	2,347.54	102.24	4,112.27	4,061.65	50.63	81.230			
7,700.00	7,458.63	7,297.00	7,295.86	41.25	21.73	-108.07	2,348.06	98.20	4,138.81	4,087.84	50.97	81.207			
7,800.00	7,534.06	7,319.00	7,317.33	41.77	21.81	-101.20	2,348.73	93.46	4,165.28	4,113.97	51.32	81.170			
7,900.00	7,597.82	7,342.99	7,340.55	42.29	21.89	-96.19	2,349.57	87.52	4,191.09	4,139.37	51.72	81.032			
8,000.00	7,647.96	7,356.63	7,353.66	42.80	21.93	-92.23	2,350.08	83.78	4,215.68	4,163.52	52.16	80.818			
8,100.00	7,682.96	7,361.19	7,358.02	43.34	21.95	-89.03	2,350.25	82.47	4,238.48	4,185.80	52.68	80.457			
8,200.00	7,701.75	7,351.00	7,348.26	43.90	21.92	-86.42	2,349.87	85.35	4,258.89	4,205.63	53.26	79.965			
8,300.00	7,705.00	7,351.00	7,348.26	44.51	21.92	-85.26	2,349.87	85.35	4,276.69	4,222.66	54.03	79.160			
8,400.00	7,705.00	7,334.44	7,332.30	45.23	21.86	-85.04	2,349.27	89.73	4,295.60	4,240.77	54.83	78.346			
8,500.00	7,705.00	7,319.00	7,317.33	46.08	21.81	-84.84	2,348.73	93.46	4,316.72	4,260.98	55.74	77.439			
8,600.00	7,705.00	7,319.00	7,317.33	47.08	21.81	-84.84	2,348.73	93.46	4,339.97	4,283.14	56.83	76.363			
8,700.00	7,705.00	7,319.00	7,317.33	48.22	21.81	-84.84	2,348.73	93.46	4,365.39	4,307.39	58.00	75.266			
8,800.00	7,705.00	7,306.35	7,305.00	49.50	21.76	-84.67	2,348.33	96.27	4,392.86	4,333.70	59.16	74.254			
8,900.00	7,705.00	7,301.07	7,299.83	50.91	21.74	-84.60	2,348.17	97.38	4,422.42	4,362.01	60.41	73.208			
9,000.00	7,705.00	7,288.00	7,287.03	52.45	21.70	-84.43	2,347.82	99.95	4,454.04	4,392.38	61.65	72.243			
9,100.00	7,705.00	7,288.00	7,287.03	54.11	21.70	-84.43	2,347.82	99.95	4,487.58	4,424.59	63.00	71.235			
9,200.00	7,705.00	7,288.00	7,287.03	55.87	21.70	-84.43	2,347.82	99.95	4,523.09	4,458.74	64.36	70.281			
9,300.00	7,705.00	7,288.00	7,287.03	57.72	21.70	-84.43	2,347.82	99.95	4,560.52	4,494.79	65.73	69.385			
9,400.00	7,705.00	7,288.00	7,287.03	59.65	21.70	-84.43	2,347.82	99.95	4,599.81	4,532.71	67.10	68.550			
9,500.00	7,705.00	7,288.00	7,287.03	61.66	21.70	-84.43	2,347.82	99.95	4,640.93	4,572.46	68.47	67.778			
9,600.00	7,705.00	7,288.00	7,287.03	63.73	21.70	-84.43	2,347.82	99.95	4,683.82	4,613.99	69.83	67.071			
9,700.00	7,705.00	7,288.00	7,287.03	65.85	21.70	-84.43	2,347.82	99.95	4,728.44	4,657.26	71.18	66.426			
9,800.00	7,705.00	7,288.00	7,287.03	68.02	21.70	-84.43	2,347.82	99.95	4,774.73	4,702.22	72.52	65.843			
9,900.00	7,705.00	7,272.50	7,271.76	70.23	21.64	-84.22	2,347.50	102.60	4,822.44	4,748.69	73.75	65.386			
10,000.00	7,705.00	7,270.76	7,270.04	72.48	21.64	-84.20	2,347.48	102.86	4,871.89	4,796.86	75.04	64.926			
10,100.00	7,705.00	7,256.00	7,255.42	74.77	21.59	-84.00	2,347.34	104.86	4,923.03	4,846.80	76.23	64.579			
10,200.00	7,705.00	7,256.00	7,255.42	77.09	21.59	-84.00	2,347.34	104.86	4,975.46	4,897.99	77.48	64.219			
10,300.00	7,705.00	7,256.00	7,255.42	79.43	21.59	-84.00	2,347.34	104.86	5,029.33	4,950.64	78.69	63.910			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
SEC 10-T4S-R65W - EXIST HZ SKY RANCH 4-65 9-10 1H - OWB - FINAL SURVEY													Offset Well Error:	0.00 usft
Survey Program: 2126-MWD OWSG														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	7,256.00	7,255.42	81.80	21.59	-84.00	2,347.34	104.86	5,084.60	5,004.72	79.88	63.650		
10,500.00	7,705.00	7,256.00	7,255.42	84.19	21.59	-84.00	2,347.34	104.86	5,141.22	5,060.18	81.04	63.437		
10,600.00	7,705.00	7,256.00	7,255.42	86.60	21.59	-84.00	2,347.34	104.86	5,199.15	5,116.97	82.18	63.269		
10,700.00	7,705.00	7,256.00	7,255.42	89.03	21.59	-84.00	2,347.34	104.86	5,258.33	5,175.06	83.28	63.142		
10,800.00	7,705.00	7,256.00	7,255.42	91.47	21.59	-84.00	2,347.34	104.86	5,318.75	5,234.40	84.35	63.055		
10,900.00	7,705.00	7,256.00	7,255.42	93.93	21.59	-84.00	2,347.34	104.86	5,380.34	5,294.94	85.39	63.007		
11,000.00	7,705.00	7,256.00	7,255.42	96.41	21.59	-84.00	2,347.34	104.86	5,443.07	5,356.66	86.41	62.993 SF		
11,100.00	7,705.00	7,256.00	7,255.42	98.89	21.59	-84.00	2,347.34	104.86	5,506.90	5,419.51	87.39	63.014		
11,200.00	7,705.00	7,256.00	7,255.42	101.39	21.59	-84.00	2,347.34	104.86	5,571.80	5,483.45	88.35	63.067		
11,300.00	7,705.00	7,256.00	7,255.42	103.90	21.59	-84.00	2,347.34	104.86	5,637.72	5,548.45	89.28	63.150		
11,400.00	7,705.00	7,256.00	7,255.42	106.42	21.59	-84.00	2,347.34	104.86	5,704.64	5,614.46	90.18	63.262		
11,500.00	7,705.00	7,256.00	7,255.42	108.95	21.59	-84.00	2,347.34	104.86	5,772.51	5,681.46	91.05	63.401		
11,600.00	7,705.00	7,256.00	7,255.42	111.48	21.59	-84.00	2,347.34	104.86	5,841.30	5,749.41	91.89	63.566		
11,700.00	7,705.00	7,256.00	7,255.42	114.03	21.59	-84.00	2,347.34	104.86	5,910.99	5,818.27	92.71	63.755		
11,800.00	7,705.00	7,256.00	7,255.42	116.58	21.59	-84.00	2,347.34	104.86	5,981.53	5,888.02	93.51	63.967		
11,900.00	7,705.00	7,256.00	7,255.42	119.14	21.59	-84.00	2,347.34	104.86	6,052.91	5,958.63	94.28	64.202		
12,000.00	7,705.00	7,256.00	7,255.42	121.70	21.59	-84.00	2,347.34	104.86	6,125.09	6,030.06	95.03	64.457		
12,100.00	7,705.00	7,256.00	7,255.42	124.27	21.59	-84.00	2,347.34	104.86	6,198.04	6,102.29	95.75	64.732		
12,200.00	7,705.00	7,256.00	7,255.42	126.85	21.59	-84.00	2,347.34	104.86	6,271.73	6,175.28	96.45	65.025		
12,300.00	7,705.00	7,256.00	7,255.42	129.43	21.59	-84.00	2,347.34	104.86	6,346.15	6,249.02	97.13	65.337		
12,400.00	7,705.00	7,256.00	7,255.42	132.01	21.59	-84.00	2,347.34	104.86	6,421.26	6,323.47	97.79	65.665		
12,500.00	7,705.00	7,241.91	7,241.40	134.60	21.54	-83.81	2,347.30	106.35	6,496.86	6,398.49	98.37	66.047		
12,600.00	7,705.00	7,241.15	7,240.65	137.20	21.54	-83.80	2,347.30	106.42	6,573.27	6,474.29	98.98	66.409		
12,700.00	7,705.00	7,240.41	7,239.91	139.80	21.53	-83.79	2,347.30	106.49	6,650.30	6,550.72	99.58	66.785		
12,800.00	7,705.00	7,239.70	7,239.20	142.40	21.53	-83.78	2,347.30	106.55	6,727.94	6,627.78	100.16	67.175		
12,900.00	7,705.00	7,225.00	7,224.55	145.00	21.48	-83.58	2,347.33	107.63	6,806.34	6,705.68	100.66	67.620		
13,000.00	7,705.00	7,225.00	7,224.55	147.61	21.48	-83.58	2,347.33	107.63	6,885.10	6,783.90	101.20	68.034		
13,100.00	7,705.00	7,225.00	7,224.55	150.23	21.48	-83.58	2,347.33	107.63	6,964.42	6,862.68	101.73	68.459		
13,200.00	7,705.00	7,225.00	7,224.55	152.84	21.48	-83.58	2,347.33	107.63	7,044.25	6,942.01	102.24	68.896		
13,300.00	7,705.00	7,225.00	7,224.55	155.46	21.48	-83.58	2,347.33	107.63	7,124.60	7,021.86	102.74	69.344		
13,400.00	7,705.00	7,225.00	7,224.55	158.08	21.48	-83.58	2,347.33	107.63	7,205.44	7,102.21	103.23	69.802		
13,500.00	7,705.00	7,225.00	7,224.55	160.70	21.48	-83.58	2,347.33	107.63	7,286.75	7,183.06	103.70	70.271		
13,600.00	7,705.00	7,225.00	7,224.55	163.33	21.48	-83.58	2,347.33	107.63	7,368.53	7,264.37	104.15	70.749		
13,700.00	7,705.00	7,225.00	7,224.55	165.96	21.48	-83.58	2,347.33	107.63	7,450.74	7,346.15	104.59	71.236		
13,800.00	7,705.00	7,225.00	7,224.55	168.59	21.48	-83.58	2,347.33	107.63	7,533.39	7,428.37	105.02	71.732		
13,900.00	7,705.00	7,225.00	7,224.55	171.22	21.48	-83.58	2,347.33	107.63	7,616.46	7,511.02	105.44	72.236		
14,000.00	7,705.00	7,225.00	7,224.55	173.86	21.48	-83.58	2,347.33	107.63	7,699.92	7,594.08	105.84	72.749		
14,100.00	7,705.00	7,225.00	7,224.55	176.49	21.48	-83.58	2,347.33	107.63	7,783.78	7,677.55	106.24	73.269		
14,200.00	7,705.00	7,225.00	7,224.55	179.13	21.48	-83.58	2,347.33	107.63	7,868.02	7,761.40	106.62	73.797		
14,300.00	7,705.00	7,225.00	7,224.55	181.77	21.48	-83.58	2,347.33	107.63	7,952.61	7,845.63	106.99	74.331		
14,400.00	7,705.00	7,225.00	7,224.55	184.41	21.48	-83.58	2,347.33	107.63	8,037.57	7,930.22	107.35	74.873		
14,500.00	7,705.00	7,225.00	7,224.55	187.06	21.48	-83.58	2,347.33	107.63	8,122.86	8,015.16	107.70	75.420		
14,600.00	7,705.00	7,225.00	7,224.55	189.70	21.48	-83.58	2,347.33	107.63	8,208.49	8,100.45	108.04	75.974		
14,700.00	7,705.00	7,225.00	7,224.55	192.35	21.48	-83.58	2,347.33	107.63	8,294.44	8,186.07	108.38	76.535		
14,800.00	7,705.00	7,225.00	7,224.55	194.99	21.48	-83.58	2,347.33	107.63	8,380.70	8,272.00	108.70	77.100		
14,900.00	7,705.00	7,225.00	7,224.55	197.64	21.48	-83.58	2,347.33	107.63	8,467.26	8,358.25	109.01	77.672		
15,000.00	7,705.00	7,225.00	7,224.55	200.29	21.48	-83.58	2,347.33	107.63	8,554.12	8,444.80	109.32	78.248		
15,100.00	7,705.00	7,225.00	7,224.55	202.95	21.48	-83.58	2,347.33	107.63	8,641.26	8,531.64	109.62	78.830		
15,200.00	7,705.00	7,225.00	7,224.55	205.60	21.48	-83.58	2,347.33	107.63	8,728.68	8,618.77	109.91	79.416		
15,300.00	7,705.00	7,225.00	7,224.55	208.25	21.48	-83.58	2,347.33	107.63	8,816.36	8,706.17	110.19	80.008		
15,400.00	7,705.00	7,225.00	7,224.55	210.91	21.48	-83.58	2,347.33	107.63	8,904.31	8,793.83	110.47	80.603		
15,500.00	7,705.00	7,225.00	7,224.55	213.56	21.48	-83.58	2,347.33	107.63	8,992.50	8,881.76	110.74	81.203		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft	
Survey Program: 2126-MWD OWSG												Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	7,225.00	7,224.55	216.22	21.48	-83.58	2,347.33	107.63	9,080.94	8,969.94	111.00	81.808		
15,700.00	7,705.00	7,225.00	7,224.55	218.88	21.48	-83.58	2,347.33	107.63	9,169.62	9,058.36	111.26	82.416		
15,800.00	7,705.00	7,225.00	7,224.55	221.54	21.48	-83.58	2,347.33	107.63	9,258.53	9,147.02	111.51	83.028		
15,900.00	7,705.00	7,225.00	7,224.55	224.20	21.48	-83.58	2,347.33	107.63	9,347.66	9,235.90	111.76	83.644		
16,000.00	7,705.00	7,225.00	7,224.55	226.86	21.48	-83.58	2,347.33	107.63	9,437.01	9,325.02	111.99	84.263		
16,100.00	7,705.00	7,225.00	7,224.55	229.52	21.48	-83.58	2,347.33	107.63	9,526.57	9,414.34	112.23	84.886		
16,200.00	7,705.00	7,225.00	7,224.55	232.18	21.48	-83.58	2,347.33	107.63	9,616.34	9,503.88	112.46	85.512		
16,300.00	7,705.00	7,225.00	7,224.55	234.85	21.48	-83.58	2,347.33	107.63	9,706.31	9,593.63	112.68	86.141		
16,400.00	7,705.00	7,225.00	7,224.55	237.51	21.48	-83.58	2,347.33	107.63	9,796.47	9,683.57	112.90	86.773		
16,500.00	7,705.00	7,225.00	7,224.55	240.17	21.48	-83.58	2,347.33	107.63	9,886.82	9,773.71	113.11	87.409		
16,600.00	7,705.00	7,225.00	7,224.55	242.84	21.48	-83.58	2,347.33	107.63	9,977.36	9,864.04	113.32	88.047		

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	0.00	0.00	0.58	139.88	1.41	139.89					
100.00	100.00	102.00	102.00	0.13	0.14	0.58	139.88	1.41	139.89	139.61	0.27	515.154	CC, ES	
200.00	199.98	197.17	197.16	0.48	0.48	-173.34	141.51	1.62	143.34	142.35	0.98	145.934		
300.00	299.84	291.79	291.64	0.84	0.83	-173.31	146.24	2.25	153.53	151.82	1.70	90.089		
400.00	399.45	385.12	384.65	1.22	1.18	-173.27	153.93	3.28	170.38	167.95	2.42	70.314		
500.00	498.70	476.58	475.50	1.62	1.53	-173.22	164.38	4.67	193.76	190.62	3.13	61.838		
600.00	597.47	565.62	563.57	2.05	1.90	-173.16	177.30	6.39	223.49	219.66	3.83	58.337		
700.00	695.62	651.76	648.35	2.51	2.27	-173.10	192.39	8.40	259.36	254.85	4.51	57.465		
800.00	793.06	734.58	729.40	3.00	2.65	-173.02	209.26	10.65	301.13	295.95	5.18	58.170		
900.00	889.94	819.61	812.17	3.53	3.06	-173.03	228.58	13.23	347.11	341.27	5.84	59.396		
1,000.00	986.81	908.26	898.41	4.06	3.50	-173.05	248.93	15.94	393.38	386.87	6.51	60.386		
1,100.00	1,083.68	1,003.09	984.65	4.60	3.98	-173.07	269.28	18.65	439.65	432.43	7.22	60.902		
1,200.00	1,180.55	1,085.56	1,070.89	5.15	4.39	-173.08	289.63	21.37	485.92	478.04	7.88	61.660		
1,300.00	1,277.42	1,174.21	1,157.13	5.69	4.84	-173.09	309.99	24.08	532.19	523.62	8.57	62.092		
1,400.00	1,374.30	1,262.86	1,243.37	6.24	5.30	-173.10	330.34	26.79	578.46	569.20	9.26	62.438		
1,500.00	1,471.17	1,351.51	1,329.61	6.79	5.75	-173.11	350.69	29.50	624.73	614.77	9.96	62.719		
1,600.00	1,568.04	1,440.17	1,415.85	7.34	6.20	-173.11	371.04	32.22	671.00	660.35	10.66	62.951		
1,700.00	1,664.91	1,528.82	1,502.09	7.89	6.66	-173.12	391.40	34.93	717.27	705.92	11.36	63.145		
1,800.00	1,761.78	1,617.47	1,588.33	8.45	7.11	-173.13	411.75	37.64	763.55	751.48	12.06	63.308		
1,900.00	1,858.65	1,706.12	1,674.57	9.00	7.57	-173.13	432.10	40.35	809.82	797.05	12.76	63.448		
2,000.00	1,955.52	1,805.23	1,760.81	9.55	8.08	-173.13	452.45	43.07	856.09	842.58	13.51	63.378		
2,100.00	2,052.39	1,883.42	1,847.06	10.11	8.48	-173.14	472.81	45.78	902.36	888.18	14.17	63.672		
2,200.00	2,149.26	1,972.07	1,933.30	10.66	8.94	-173.14	493.16	48.49	948.63	933.75	14.88	63.762		
2,300.00	2,246.13	2,060.72	2,019.54	11.22	9.40	-173.14	513.51	51.20	994.90	979.31	15.58	63.841		
2,400.00	2,343.01	2,149.38	2,105.78	11.77	9.86	-173.15	533.86	53.92	1,041.17	1,024.88	16.29	63.911		
2,500.00	2,439.88	2,238.03	2,192.02	12.33	10.32	-173.15	554.22	56.63	1,087.44	1,070.44	17.00	63.973		
2,600.00	2,536.75	2,326.68	2,278.26	12.88	10.78	-173.15	574.57	59.34	1,133.71	1,116.00	17.71	64.029		
2,700.00	2,633.62	2,415.33	2,364.50	13.44	11.23	-173.15	594.92	62.05	1,179.98	1,161.56	18.41	64.078		
2,800.00	2,730.49	2,503.98	2,450.74	13.99	11.69	-173.16	615.27	64.77	1,226.25	1,207.13	19.12	64.122		
2,900.00	2,827.36	2,607.37	2,536.98	14.55	12.23	-173.16	635.63	67.48	1,272.52	1,252.63	19.89	63.973		
3,000.00	2,924.23	2,681.28	2,623.22	15.10	12.61	-173.16	655.98	70.19	1,318.79	1,298.25	20.54	64.197		
3,100.00	3,021.10	2,769.93	2,709.46	15.66	13.07	-173.16	676.33	72.90	1,365.06	1,343.81	21.25	64.230		
3,200.00	3,117.97	2,858.59	2,795.70	16.21	13.53	-173.16	696.68	75.62	1,411.33	1,389.37	21.96	64.259		
3,300.00	3,214.84	2,947.24	2,881.94	16.77	13.99	-173.16	717.04	78.33	1,457.60	1,434.93	22.67	64.285		
3,400.00	3,311.72	3,035.89	2,968.18	17.33	14.45	-173.17	737.39	81.04	1,503.87	1,480.49	23.39	64.309		
3,500.00	3,408.59	3,124.54	3,054.43	17.88	14.91	-173.17	757.74	83.75	1,550.14	1,526.05	24.10	64.331		
3,600.00	3,505.46	3,213.19	3,140.67	18.44	15.37	-173.17	778.09	86.47	1,596.41	1,571.61	24.81	64.351		
3,700.00	3,602.33	3,301.84	3,226.91	18.99	15.83	-173.17	798.45	89.18	1,642.68	1,617.16	25.52	64.369		
3,800.00	3,699.20	3,390.49	3,313.15	19.55	16.29	-173.17	818.80	91.89	1,688.95	1,662.72	26.23	64.385		
3,900.00	3,796.07	3,479.14	3,399.39	20.11	16.75	-173.17	839.15	94.60	1,735.22	1,708.28	26.94	64.400		
4,000.00	3,892.94	3,567.80	3,485.63	20.66	17.21	-173.17	859.50	97.32	1,781.50	1,753.84	27.66	64.413		
4,100.00	3,989.81	3,656.45	3,571.87	21.22	17.67	-173.17	879.86	100.03	1,827.77	1,799.40	28.37	64.425		
4,200.00	4,086.68	3,745.10	3,658.11	21.78	18.13	-173.17	900.21	102.74	1,874.04	1,844.95	29.08	64.436		
4,300.00	4,183.55	3,833.75	3,744.35	22.33	18.58	-173.17	920.56	105.45	1,920.31	1,890.51	29.80	64.446		
4,400.00	4,280.43	3,922.40	3,830.59	22.89	19.04	-173.18	940.91	108.17	1,966.58	1,936.07	30.51	64.455		
4,500.00	4,377.30	4,011.05	3,916.83	23.44	19.50	-173.18	961.27	110.88	2,012.85	1,981.62	31.22	64.464		
4,600.00	4,474.17	4,100.30	4,003.07	24.00	19.97	-173.18	981.62	113.59	2,059.12	2,027.18	31.94	64.466		
4,700.00	4,571.04	4,188.35	4,089.31	24.56	20.42	-173.18	1,001.97	116.30	2,105.39	2,072.74	32.65	64.477		
4,800.00	4,667.91	4,277.01	4,175.55	25.11	20.88	-173.18	1,022.32	119.02	2,151.66	2,118.29	33.37	64.483		
4,900.00	4,764.78	4,365.66	4,261.80	25.67	21.34	-173.18	1,042.68	121.73	2,197.93	2,163.85	34.08	64.488		
5,000.00	4,861.65	4,454.31	4,348.04	26.23	21.80	-173.18	1,063.03	124.44	2,244.20	2,209.40	34.80	64.492		
5,100.00	4,958.52	4,542.96	4,434.28	26.78	22.26	-173.18	1,083.38	127.15	2,290.47	2,254.96	35.51	64.496		

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

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,055.39	4,631.61	4,520.52	27.34	22.72	-173.18	1,103.73	129.87	2,336.74	2,300.51	36.23	64.499		
5,300.00	5,152.26	4,720.26	4,606.76	27.90	23.18	-173.18	1,124.09	132.58	2,383.01	2,346.07	36.95	64.501		
5,400.00	5,249.13	4,808.91	4,693.00	28.45	23.65	-173.18	1,144.44	135.29	2,429.28	2,391.62	37.66	64.504		
5,500.00	5,346.01	4,902.44	4,779.24	29.01	24.13	-173.18	1,164.79	138.00	2,475.55	2,437.16	38.40	64.473		
5,600.00	5,442.88	4,986.22	4,865.48	29.57	24.57	-173.18	1,185.15	140.72	2,521.82	2,482.73	39.09	64.506		
5,700.00	5,539.75	5,074.87	4,951.72	30.12	25.03	-173.18	1,205.50	143.43	2,568.09	2,528.28	39.81	64.507		
5,800.00	5,636.62	5,163.52	5,037.96	30.68	25.49	-173.18	1,225.85	146.14	2,614.36	2,573.84	40.53	64.507		
5,900.00	5,733.49	5,252.17	5,124.20	31.24	25.95	-173.18	1,246.20	148.85	2,660.63	2,619.39	41.25	64.507		
6,000.00	5,830.36	5,340.82	5,210.44	31.79	26.41	-173.18	1,266.56	151.57	2,706.90	2,664.94	41.96	64.506		
6,100.00	5,927.23	5,429.47	5,296.68	32.35	26.87	-173.18	1,286.91	154.28	2,753.17	2,710.49	42.68	64.505		
6,200.00	6,024.10	5,518.12	5,382.92	32.91	27.33	-173.19	1,307.26	156.99	2,799.45	2,756.05	43.40	64.504		
6,300.00	6,120.97	5,606.77	5,469.17	33.46	27.79	-173.19	1,327.61	159.70	2,845.72	2,801.60	44.12	64.502		
6,400.00	6,217.84	5,704.57	5,555.41	34.02	28.29	-173.19	1,347.97	162.42	2,891.99	2,847.11	44.87	64.448		
6,500.00	6,314.72	5,784.08	5,641.65	34.58	28.71	-173.19	1,368.32	165.13	2,938.26	2,892.70	45.56	64.498		
6,600.00	6,411.59	5,872.73	5,727.89	35.13	29.17	-173.19	1,388.67	167.84	2,984.53	2,938.25	46.28	64.495		
6,700.00	6,508.46	5,961.38	5,814.13	35.69	29.63	-173.19	1,409.02	170.55	3,030.80	2,983.80	46.99	64.492		
6,800.00	6,605.33	6,050.03	5,900.37	36.25	30.09	-173.19	1,429.38	173.27	3,077.07	3,029.35	47.71	64.489		
6,900.00	6,702.20	6,138.68	5,986.61	36.81	30.55	-173.19	1,449.73	175.98	3,123.34	3,074.90	48.43	64.485		
7,000.00	6,799.07	6,227.33	6,072.85	37.36	31.01	-173.19	1,470.08	178.69	3,169.61	3,120.45	49.16	64.482		
7,100.00	6,895.94	6,315.98	6,159.09	37.92	31.47	-173.19	1,490.43	181.40	3,215.88	3,166.00	49.88	64.478		
7,200.00	6,992.81	6,404.64	6,245.33	38.48	31.93	-173.19	1,510.79	184.12	3,262.15	3,211.55	50.60	64.473		
7,300.00	7,089.68	6,506.71	6,331.57	39.03	32.46	-173.19	1,531.14	186.83	3,308.42	3,257.05	51.37	64.402		
7,400.00	7,186.54	6,581.93	6,417.81	39.59	32.85	-164.16	1,551.49	189.54	3,354.69	3,302.65	52.04	64.463		
7,500.00	7,282.19	6,669.81	6,503.29	40.15	33.31	-130.69	1,571.66	192.23	3,400.54	3,347.77	52.77	64.442		
7,600.00	7,373.82	6,754.46	6,585.65	40.71	33.75	-111.70	1,591.10	194.82	3,444.88	3,391.40	53.48	64.409		
7,700.00	7,458.63	6,833.33	6,662.37	41.25	34.16	-100.25	1,609.20	197.23	3,486.77	3,432.59	54.18	64.361		
7,800.00	7,534.06	6,904.01	6,731.13	41.77	34.52	-92.61	1,625.43	199.40	3,525.50	3,470.65	54.85	64.279		
7,900.00	7,597.82	6,964.35	6,789.83	42.29	34.84	-87.18	1,639.29	201.24	3,560.56	3,505.04	55.52	64.130		
8,000.00	7,647.96	7,012.53	6,836.70	42.80	35.09	-83.17	1,650.35	202.72	3,591.58	3,535.35	56.23	63.875		
8,100.00	7,682.96	7,047.08	6,870.31	43.34	35.26	-80.18	1,658.28	203.77	3,618.23	3,561.24	56.99	63.488		
8,200.00	7,701.75	7,066.95	6,889.64	43.90	35.37	-77.98	1,662.84	204.38	3,640.21	3,582.40	57.81	62.964		
8,300.00	7,705.00	7,072.65	6,895.18	44.51	35.40	-76.98	1,664.15	204.56	3,657.76	3,599.07	58.69	62.325		
8,400.00	7,705.00	7,075.39	6,897.84	45.23	35.41	-77.02	1,664.78	204.64	3,676.45	3,616.78	59.67	61.608		
8,500.00	7,705.00	7,078.12	6,900.50	46.08	35.43	-77.06	1,665.40	204.72	3,697.76	3,636.98	60.77	60.846		
8,600.00	7,705.00	7,081.70	6,903.00	47.08	35.40	-77.06	1,666.00	204.72	3,719.00	3,658.00	62.00	60.000		
8,700.00	7,705.00	7,085.30	6,905.00	48.22	35.35	-77.06	1,666.57	204.72	3,740.19	3,678.99	63.29	59.161		
8,800.00	7,705.00	7,088.90	6,906.50	49.50	35.25	-77.06	1,667.10	204.72	3,761.33	3,699.99	64.64	58.311		
8,900.00	7,705.00	7,092.50	6,907.50	50.91	35.10	-77.06	1,667.59	204.72	3,782.43	3,721.00	66.04	57.461		
9,000.00	7,705.00	7,096.10	6,908.00	52.45	34.90	-77.06	1,668.04	204.72	3,803.49	3,742.00	67.54	56.611		
9,100.00	7,705.00	7,100.00	6,908.00	54.11	34.65	-77.06	1,668.45	204.72	3,824.50	3,763.00	69.14	55.761		
9,200.00	7,705.00	7,104.00	6,907.50	55.87	34.35	-77.06	1,668.82	204.72	3,845.47	3,784.00	70.84	54.911		
9,300.00	7,705.00	7,108.00	6,906.50	57.72	34.00	-77.06	1,669.15	204.72	3,866.40	3,805.00	72.64	54.061		
9,400.00	7,705.00	7,112.00	6,905.00	59.65	33.60	-77.06	1,669.44	204.72	3,887.29	3,826.00	74.54	53.211		
9,500.00	7,705.00	7,116.00	6,903.00	61.66	33.15	-77.06	1,669.69	204.72	3,908.14	3,847.00	76.54	52.361		
9,600.00	7,705.00	7,120.00	6,900.50	63.73	32.65	-77.06	1,669.90	204.72	3,928.95	3,868.00	78.74	51.511		
9,700.00	7,705.00	7,124.00	6,897.50	65.85	32.10	-77.06	1,670.07	204.72	3,949.72	3,889.00	81.04	50.661		
9,800.00	7,705.00	7,128.00	6,894.00	68.02	31.50	-77.06	1,670.20	204.72	3,970.45	3,910.00	83.54	49.811		
9,900.00	7,705.00	7,132.00	6,890.00	70.23	30.85	-77.06	1,670.29	204.72	3,991.14	3,931.00	86.14	48.961		
10,000.00	7,705.00	7,136.00	6,885.50	72.48	30.15	-77.06	1,670.34	204.72	4,011.79	3,952.00	88.94	48.111		
10,100.00	7,705.00	7,140.00	6,880.50	74.77	29.40	-77.06	1,670.35	204.72	4,032.40	3,973.00	91.84	47.261		
10,200.00	7,705.00	7,144.00	6,875.00	77.09	28.60	-77.06	1,670.32	204.72	4,052.97	3,994.00	94.84	46.411		
10,300.00	7,705.00	7,148.00	6,869.00	79.43	27.75	-77.06	1,670.25	204.72	4,073.50	4,015.00	97.94	45.561		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	10,383.70	7,705.00	81.80	81.11	-89.97	1,819.75	2,938.93	3,703.56	3,545.39	158.17	23.415		
10,500.00	7,705.00	10,483.70	7,705.00	84.19	83.53	-89.97	1,818.43	3,038.92	3,703.66	3,540.50	163.16	22.699		
10,600.00	7,705.00	10,583.70	7,705.00	86.60	85.97	-89.97	1,817.12	3,138.91	3,703.76	3,535.58	168.18	22.023		
10,700.00	7,705.00	10,683.70	7,705.00	89.03	88.43	-89.97	1,815.81	3,238.90	3,703.86	3,530.64	173.22	21.383		
10,800.00	7,705.00	10,783.70	7,705.00	91.47	90.90	-89.97	1,814.50	3,338.89	3,703.96	3,525.68	178.28	20.777		
10,900.00	7,705.00	10,883.70	7,705.00	93.93	93.38	-89.97	1,813.19	3,438.89	3,704.05	3,520.70	183.35	20.202		
11,000.00	7,705.00	10,983.70	7,705.00	96.41	95.87	-89.97	1,811.88	3,538.88	3,704.15	3,515.70	188.45	19.656		
11,100.00	7,705.00	11,083.70	7,705.00	98.89	98.38	-89.97	1,810.57	3,638.87	3,704.25	3,510.69	193.56	19.138		
11,200.00	7,705.00	11,183.70	7,705.00	101.39	100.90	-89.97	1,809.26	3,738.86	3,704.35	3,505.66	198.69	18.644		
11,300.00	7,705.00	11,283.70	7,705.00	103.90	103.42	-89.97	1,807.95	3,838.85	3,704.45	3,500.62	203.82	18.175		
11,400.00	7,705.00	11,383.70	7,705.00	106.42	105.96	-89.97	1,806.63	3,938.84	3,704.54	3,495.57	208.98	17.727		
11,500.00	7,705.00	11,483.70	7,705.00	108.95	108.50	-89.97	1,805.32	4,038.83	3,704.64	3,490.50	214.14	17.300		
11,600.00	7,705.00	11,583.70	7,705.00	111.48	111.05	-89.97	1,804.01	4,138.83	3,704.74	3,485.42	219.32	16.892		
11,700.00	7,705.00	11,683.70	7,705.00	114.03	113.61	-89.97	1,802.70	4,238.82	3,704.84	3,480.34	224.50	16.502		
11,800.00	7,705.00	11,783.70	7,705.00	116.58	116.17	-89.97	1,801.39	4,338.81	3,704.94	3,475.24	229.70	16.130		
11,900.00	7,705.00	11,883.70	7,705.00	119.14	118.74	-89.97	1,800.08	4,438.80	3,705.03	3,470.13	234.90	15.773		
12,000.00	7,705.00	11,983.70	7,705.00	121.70	121.32	-89.97	1,798.77	4,538.79	3,705.13	3,465.02	240.11	15.431		
12,100.00	7,705.00	12,083.70	7,705.00	124.27	123.90	-89.97	1,797.46	4,638.78	3,705.23	3,459.90	245.33	15.103		
12,200.00	7,705.00	12,183.70	7,705.00	126.85	126.49	-89.97	1,796.15	4,738.77	3,705.33	3,454.77	250.56	14.788		
12,300.00	7,705.00	12,283.70	7,705.00	129.43	129.08	-89.97	1,794.84	4,838.77	3,705.43	3,449.63	255.79	14.486		
12,400.00	7,705.00	12,383.70	7,705.00	132.01	131.67	-89.97	1,793.52	4,938.76	3,705.52	3,444.49	261.04	14.195		
12,500.00	7,705.00	12,483.70	7,705.00	134.60	134.27	-89.97	1,792.21	5,038.75	3,705.62	3,439.34	266.28	13.916		
12,600.00	7,705.00	12,583.70	7,705.00	137.20	136.88	-89.97	1,790.90	5,138.74	3,705.72	3,434.19	271.53	13.647		
12,700.00	7,705.00	12,683.70	7,705.00	139.80	139.48	-89.97	1,789.59	5,238.73	3,705.82	3,429.03	276.79	13.388		
12,800.00	7,705.00	12,783.70	7,705.00	142.40	142.09	-89.97	1,788.28	5,338.72	3,705.92	3,423.86	282.05	13.139		
12,900.00	7,705.00	12,883.70	7,705.00	145.00	144.71	-89.97	1,786.97	5,438.71	3,706.01	3,418.69	287.32	12.898		
13,000.00	7,705.00	12,983.70	7,705.00	147.61	147.32	-89.97	1,785.66	5,538.70	3,706.11	3,413.52	292.59	12.666		
13,100.00	7,705.00	13,083.70	7,705.00	150.23	149.94	-89.97	1,784.35	5,638.70	3,706.21	3,408.34	297.87	12.442		
13,200.00	7,705.00	13,183.70	7,705.00	152.84	152.56	-89.97	1,783.04	5,738.69	3,706.31	3,403.16	303.15	12.226		
13,300.00	7,705.00	13,283.70	7,705.00	155.46	155.19	-89.97	1,781.73	5,838.68	3,706.41	3,397.97	308.44	12.017		
13,400.00	7,705.00	13,383.70	7,705.00	158.08	157.81	-89.97	1,780.41	5,938.67	3,706.50	3,392.78	313.72	11.815		
13,500.00	7,705.00	13,483.70	7,705.00	160.70	160.44	-89.97	1,779.10	6,038.66	3,706.60	3,387.59	319.01	11.619		
13,600.00	7,705.00	13,583.70	7,705.00	163.33	163.08	-89.97	1,777.79	6,138.65	3,706.70	3,382.39	324.31	11.430		
13,700.00	7,705.00	13,683.70	7,705.00	165.96	165.71	-89.97	1,776.48	6,238.64	3,706.80	3,377.19	329.61	11.246		
13,800.00	7,705.00	13,783.70	7,705.00	168.59	168.35	-89.97	1,775.17	6,338.64	3,706.90	3,371.99	334.91	11.068		
13,900.00	7,705.00	13,883.70	7,705.00	171.22	170.98	-89.97	1,773.86	6,438.63	3,706.99	3,366.78	340.21	10.896		
14,000.00	7,705.00	13,983.70	7,705.00	173.86	173.62	-89.97	1,772.55	6,538.62	3,707.09	3,361.57	345.52	10.729		
14,100.00	7,705.00	14,083.70	7,705.00	176.49	176.26	-89.97	1,771.24	6,638.61	3,707.19	3,356.36	350.83	10.567		
14,200.00	7,705.00	14,183.70	7,705.00	179.13	178.91	-89.97	1,769.93	6,738.60	3,707.29	3,351.15	356.14	10.410		
14,300.00	7,705.00	14,283.70	7,705.00	181.77	181.55	-89.97	1,768.61	6,838.59	3,707.39	3,345.93	361.45	10.257		
14,400.00	7,705.00	14,383.70	7,705.00	184.41	184.20	-89.97	1,767.30	6,938.58	3,707.48	3,340.71	366.77	10.108		
14,500.00	7,705.00	14,483.70	7,705.00	187.06	186.84	-89.97	1,765.99	7,038.58	3,707.58	3,335.49	372.09	9.964		
14,600.00	7,705.00	14,583.70	7,705.00	189.70	189.49	-89.97	1,764.68	7,138.57	3,707.68	3,330.27	377.41	9.824		
14,700.00	7,705.00	14,683.70	7,705.00	192.35	192.14	-89.97	1,763.37	7,238.56	3,707.78	3,325.04	382.73	9.688		
14,800.00	7,705.00	14,783.70	7,705.00	194.99	194.80	-89.97	1,762.06	7,338.55	3,707.88	3,319.82	388.06	9.555		
14,900.00	7,705.00	14,883.70	7,705.00	197.64	197.45	-89.97	1,760.75	7,438.54	3,707.97	3,314.59	393.38	9.426		
15,000.00	7,705.00	14,983.70	7,705.00	200.29	200.10	-89.97	1,759.44	7,538.53	3,708.07	3,309.36	398.71	9.300		
15,100.00	7,705.00	15,083.70	7,705.00	202.95	202.76	-89.97	1,758.13	7,638.52	3,708.17	3,304.13	404.04	9.178		
15,200.00	7,705.00	15,183.70	7,705.00	205.60	205.41	-89.97	1,756.82	7,738.51	3,708.27	3,298.89	409.37	9.058		
15,300.00	7,705.00	15,283.70	7,705.00	208.25	208.07	-89.97	1,755.50	7,838.51	3,708.37	3,293.66	414.71	8.942		
15,400.00	7,705.00	15,383.70	7,705.00	210.91	210.73	-89.97	1,754.19	7,938.50	3,708.46	3,288.42	420.04	8.829		
15,500.00	7,705.00	15,483.70	7,705.00	213.56	213.39	-89.97	1,752.88	8,038.49	3,708.56	3,283.18	425.38	8.718		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	15,583.70	7,705.00	216.22	216.05	-89.97	1,751.57	8,138.48	3,708.66	3,277.95	430.71	8.610		
15,700.00	7,705.00	15,683.70	7,705.00	218.88	218.71	-89.97	1,750.26	8,238.47	3,708.76	3,272.70	436.05	8.505		
15,800.00	7,705.00	15,783.70	7,705.00	221.54	221.37	-89.97	1,748.95	8,338.46	3,708.86	3,267.46	441.39	8.403		
15,900.00	7,705.00	15,883.70	7,705.00	224.20	224.03	-89.97	1,747.64	8,438.45	3,708.95	3,262.22	446.73	8.302		
16,000.00	7,705.00	15,983.70	7,705.00	226.86	226.70	-89.97	1,746.33	8,538.45	3,709.05	3,256.97	452.08	8.204		
16,100.00	7,705.00	16,083.70	7,705.00	229.52	229.36	-89.97	1,745.02	8,638.44	3,709.15	3,251.73	457.42	8.109		
16,200.00	7,705.00	16,183.70	7,705.00	232.18	232.03	-89.97	1,743.71	8,738.43	3,709.25	3,246.48	462.77	8.015		
16,300.00	7,705.00	16,283.70	7,705.00	234.85	234.69	-89.97	1,742.39	8,838.42	3,709.35	3,241.23	468.11	7.924		
16,400.00	7,705.00	16,383.70	7,705.00	237.51	237.36	-89.97	1,741.08	8,938.41	3,709.44	3,235.98	473.46	7.835		
16,500.00	7,705.00	16,483.70	7,705.00	240.17	240.02	-89.97	1,739.77	9,038.40	3,709.54	3,230.73	478.81	7.747		
16,600.00	7,705.00	16,583.70	7,705.00	242.84	242.69	-89.97	1,738.46	9,138.39	3,709.64	3,225.48	484.16	7.662		
16,700.00	7,705.00	16,683.70	7,705.00	245.51	245.36	-89.97	1,737.15	9,238.39	3,709.74	3,220.23	489.51	7.579		
16,800.00	7,705.00	16,783.70	7,705.00	248.17	248.03	-89.97	1,735.84	9,338.38	3,709.83	3,214.98	494.86	7.497		
16,900.00	7,705.00	16,883.70	7,705.00	250.84	250.70	-89.97	1,734.53	9,438.37	3,709.93	3,209.73	500.21	7.417		
17,000.00	7,705.00	16,983.70	7,705.00	253.51	253.37	-89.97	1,733.22	9,538.36	3,710.03	3,204.47	505.56	7.338		
17,100.00	7,705.00	17,083.70	7,705.00	256.18	256.04	-89.97	1,731.91	9,638.35	3,710.13	3,199.22	510.91	7.262		
17,200.00	7,705.00	17,183.70	7,705.00	258.85	258.71	-89.97	1,730.59	9,738.34	3,710.23	3,193.96	516.27	7.187		
17,300.00	7,705.00	17,283.70	7,705.00	261.52	261.38	-89.97	1,729.28	9,838.33	3,710.32	3,188.70	521.62	7.113		
17,400.00	7,705.00	17,383.70	7,705.00	264.19	264.05	-89.97	1,727.97	9,938.32	3,710.42	3,183.44	526.98	7.041		
17,500.00	7,705.00	17,483.70	7,705.00	266.86	266.73	-89.97	1,726.66	10,038.32	3,710.52	3,178.19	532.34	6.970		
17,600.00	7,705.00	17,583.70	7,705.00	269.53	269.40	-89.97	1,725.35	10,138.31	3,710.62	3,172.93	537.69	6.901		
17,700.00	7,705.00	17,683.70	7,705.00	272.20	272.07	-89.97	1,724.04	10,238.30	3,710.72	3,167.67	543.05	6.833		
17,800.00	7,705.00	17,783.70	7,705.00	274.87	274.75	-89.97	1,722.73	10,338.29	3,710.81	3,162.41	548.41	6.767		
17,900.00	7,705.00	17,883.70	7,705.00	277.55	277.42	-89.97	1,721.42	10,438.28	3,710.91	3,157.14	553.77	6.701		
18,000.00	7,705.00	17,983.70	7,705.00	280.22	280.10	-89.97	1,720.11	10,538.27	3,711.01	3,151.88	559.13	6.637		
18,100.00	7,705.00	18,083.70	7,705.00	282.89	282.77	-89.97	1,718.80	10,638.26	3,711.11	3,146.62	564.49	6.574		
18,187.13	7,705.00	18,120.90	7,705.00	285.22	283.77	-89.97	1,718.31	10,675.46	3,711.53	3,143.80	567.73	6.537 SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	0.00	0.00	0.64	100.17	1.13	100.18					
100.00	100.00	102.00	102.00	0.13	0.14	0.64	100.17	1.13	100.18	99.90	0.28	362.941	CC, ES	
200.00	199.98	201.98	201.98	0.48	0.50	-173.39	100.17	1.13	101.91	100.93	0.98	103.542		
300.00	299.84	301.84	301.84	0.84	0.86	-173.70	100.17	1.13	107.11	105.41	1.70	62.914		
400.00	399.45	397.54	397.52	1.22	1.20	-173.99	101.81	1.42	117.48	115.05	2.43	48.439		
500.00	498.70	491.99	491.85	1.62	1.55	-174.10	106.50	2.27	134.52	131.37	3.15	42.760		
600.00	597.47	584.52	584.06	2.05	1.88	-174.08	114.06	3.65	158.10	154.24	3.86	40.992		
700.00	695.62	674.59	673.52	2.51	2.22	-173.98	124.23	5.50	188.04	183.49	4.55	41.288		
800.00	793.06	761.69	759.69	3.00	2.57	-173.83	136.70	7.76	224.13	218.89	5.24	42.808		
900.00	889.94	850.25	846.96	3.53	2.93	-173.72	151.54	10.46	264.63	258.72	5.92	44.737		
1,000.00	986.81	941.55	936.88	4.06	3.32	-173.64	167.06	13.28	305.43	298.83	6.60	46.278		
1,100.00	1,083.68	1,032.85	1,026.81	4.60	3.71	-173.58	182.59	16.10	346.23	338.95	7.28	47.531		
1,200.00	1,180.55	1,124.14	1,116.73	5.15	4.11	-173.54	198.11	18.92	387.03	379.05	7.98	48.487		
1,300.00	1,277.42	1,215.44	1,206.66	5.69	4.51	-173.50	213.63	21.74	427.83	419.15	8.68	49.283		
1,400.00	1,374.30	1,306.74	1,296.58	6.24	4.91	-173.47	229.16	24.56	468.63	459.24	9.38	49.945		
1,500.00	1,471.17	1,401.96	1,386.51	6.79	5.33	-173.44	244.68	27.38	509.43	499.33	10.10	50.430		
1,600.00	1,568.04	1,489.34	1,476.43	7.34	5.72	-173.42	260.20	30.20	550.23	539.43	10.79	50.980		
1,700.00	1,664.91	1,580.64	1,566.36	7.89	6.13	-173.40	275.73	33.02	591.03	579.53	11.50	51.392		
1,800.00	1,761.78	1,671.93	1,656.28	8.45	6.54	-173.38	291.25	35.85	631.83	619.62	12.21	51.750		
1,900.00	1,858.65	1,763.23	1,746.20	9.00	6.95	-173.37	306.77	38.67	672.63	659.71	12.92	52.064		
2,000.00	1,955.52	1,854.53	1,836.13	9.55	7.36	-173.36	322.30	41.49	713.43	699.80	13.63	52.342		
2,100.00	2,052.39	1,945.83	1,926.05	10.11	7.77	-173.34	337.82	44.31	754.23	739.88	14.34	52.589		
2,200.00	2,149.26	2,037.13	2,015.98	10.66	8.18	-173.33	353.35	47.13	795.03	779.97	15.05	52.811		
2,300.00	2,246.13	2,128.42	2,105.90	11.22	8.59	-173.32	368.87	49.95	835.82	820.06	15.77	53.010		
2,400.00	2,343.01	2,219.72	2,195.83	11.77	9.00	-173.32	384.39	52.77	876.62	860.14	16.48	53.191		
2,500.00	2,439.88	2,311.02	2,285.75	12.33	9.41	-173.31	399.92	55.59	917.42	900.23	17.19	53.355		
2,600.00	2,536.75	2,402.32	2,375.68	12.88	9.82	-173.30	415.44	58.41	958.22	940.31	17.91	53.504		
2,700.00	2,633.62	2,506.38	2,465.60	13.44	10.29	-173.29	430.96	61.23	999.02	980.35	18.67	53.501		
2,800.00	2,730.49	2,584.92	2,555.53	13.99	10.64	-173.29	446.49	64.05	1,039.82	1,020.48	19.34	53.767		
2,900.00	2,827.36	2,676.21	2,645.45	14.55	11.06	-173.28	462.01	66.87	1,080.62	1,060.57	20.06	53.882		
3,000.00	2,924.23	2,767.51	2,735.37	15.10	11.47	-173.28	477.53	69.69	1,121.42	1,100.65	20.77	53.989		
3,100.00	3,021.10	2,858.81	2,825.30	15.66	11.88	-173.27	493.06	72.52	1,162.22	1,140.74	21.49	54.088		
3,200.00	3,117.97	2,950.11	2,915.22	16.21	12.29	-173.27	508.58	75.34	1,203.02	1,180.82	22.20	54.180		
3,300.00	3,214.84	3,041.41	3,005.15	16.77	12.71	-173.26	524.11	78.16	1,243.82	1,220.90	22.92	54.266		
3,400.00	3,311.72	3,132.71	3,095.07	17.33	13.12	-173.26	539.63	80.98	1,284.62	1,260.99	23.64	54.346		
3,500.00	3,408.59	3,224.00	3,185.00	17.88	13.53	-173.26	555.15	83.80	1,325.42	1,301.07	24.36	54.420		
3,600.00	3,505.46	3,315.30	3,274.92	18.44	13.95	-173.25	570.68	86.62	1,366.22	1,341.15	25.07	54.490		
3,700.00	3,602.33	3,406.60	3,364.85	18.99	14.36	-173.25	586.20	89.44	1,407.02	1,381.23	25.79	54.555		
3,800.00	3,699.20	3,502.10	3,454.77	19.55	14.79	-173.25	601.72	92.26	1,447.82	1,421.30	26.52	54.584		
3,900.00	3,796.07	3,589.20	3,544.70	20.11	15.19	-173.24	617.25	95.08	1,488.62	1,461.40	27.23	54.674		
4,000.00	3,892.94	3,680.49	3,634.62	20.66	15.60	-173.24	632.77	97.90	1,529.42	1,501.48	27.95	54.729		
4,100.00	3,989.81	3,771.79	3,724.54	21.22	16.01	-173.24	648.29	100.72	1,570.22	1,541.56	28.66	54.780		
4,200.00	4,086.68	3,863.09	3,814.47	21.78	16.43	-173.24	663.82	103.54	1,611.02	1,581.64	29.38	54.828		
4,300.00	4,183.55	3,954.39	3,904.39	22.33	16.84	-173.23	679.34	106.36	1,651.82	1,621.72	30.10	54.874		
4,400.00	4,280.43	4,045.69	3,994.32	22.89	17.25	-173.23	694.87	109.19	1,692.62	1,661.80	30.82	54.917		
4,500.00	4,377.30	4,136.99	4,084.24	23.44	17.67	-173.23	710.39	112.01	1,733.42	1,701.88	31.54	54.958		
4,600.00	4,474.17	4,228.28	4,174.17	24.00	18.08	-173.23	725.91	114.83	1,774.22	1,741.96	32.26	54.997		
4,700.00	4,571.04	4,319.58	4,264.09	24.56	18.49	-173.23	741.44	117.65	1,815.02	1,782.04	32.98	55.033		
4,800.00	4,667.91	4,410.88	4,354.02	25.11	18.91	-173.22	756.96	120.47	1,855.82	1,822.12	33.70	55.068		
4,900.00	4,764.78	4,502.18	4,443.94	25.67	19.32	-173.22	772.48	123.29	1,896.62	1,862.20	34.42	55.101		
5,000.00	4,861.65	4,606.52	4,533.87	26.23	19.79	-173.22	788.01	126.11	1,937.42	1,902.23	35.19	55.055		
5,100.00	4,958.52	4,684.77	4,623.79	26.78	20.15	-173.22	803.53	128.93	1,978.22	1,942.36	35.86	55.163		

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

Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													SEC 10-T4S-R65W - PROSPER FARMS 4-65 11-12 2AH - OWB - PROPOSAL 1	Offset Site Error:	0.00 usft
Survey Program:													0-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,200.00	5,055.39	4,776.07	4,713.71	27.34	20.56	-173.22	819.05	131.75	2,019.02	1,982.44	36.58	55.191			
5,300.00	5,152.26	4,867.37	4,803.64	27.90	20.98	-173.22	834.58	134.57	2,059.82	2,022.52	37.30	55.218			
5,400.00	5,249.13	4,958.67	4,893.56	28.45	21.39	-173.21	850.10	137.39	2,100.62	2,062.60	38.02	55.244			
5,500.00	5,346.01	5,049.97	4,983.49	29.01	21.80	-173.21	865.63	140.21	2,141.42	2,102.68	38.75	55.268			
5,600.00	5,442.88	5,141.27	5,073.41	29.57	22.22	-173.21	881.15	143.03	2,182.22	2,142.75	39.47	55.291			
5,700.00	5,539.75	5,232.56	5,163.34	30.12	22.63	-173.21	896.67	145.86	2,223.02	2,182.83	40.19	55.314			
5,800.00	5,636.62	5,323.86	5,253.26	30.68	23.04	-173.21	912.20	148.68	2,263.82	2,222.91	40.91	55.335			
5,900.00	5,733.49	5,415.16	5,343.19	31.24	23.46	-173.21	927.72	151.50	2,304.62	2,262.99	41.63	55.355			
6,000.00	5,830.36	5,506.46	5,433.11	31.79	23.87	-173.21	943.24	154.32	2,345.42	2,303.07	42.36	55.374			
6,100.00	5,927.23	5,602.24	5,523.04	32.35	24.31	-173.21	958.77	157.14	2,386.22	2,343.13	43.10	55.370			
6,200.00	6,024.10	5,689.05	5,612.96	32.91	24.70	-173.20	974.29	159.96	2,427.02	2,383.22	43.80	55.410			
6,300.00	6,120.97	5,780.35	5,702.88	33.46	25.11	-173.20	989.81	162.78	2,467.82	2,423.30	44.52	55.426			
6,400.00	6,217.84	5,871.65	5,792.81	34.02	25.53	-173.20	1,005.34	165.60	2,508.62	2,463.37	45.25	55.442			
6,500.00	6,314.72	5,962.95	5,882.73	34.58	25.94	-173.20	1,020.86	168.42	2,549.42	2,503.45	45.97	55.457			
6,600.00	6,411.59	6,054.25	5,972.66	35.13	26.36	-173.20	1,036.39	171.24	2,590.22	2,543.53	46.69	55.472			
6,700.00	6,508.46	6,145.55	6,062.58	35.69	26.77	-173.20	1,051.91	174.06	2,631.02	2,583.60	47.42	55.485			
6,800.00	6,605.33	6,236.84	6,152.51	36.25	27.18	-173.20	1,067.43	176.88	2,671.82	2,623.68	48.14	55.498			
6,900.00	6,702.20	6,328.14	6,242.43	36.81	27.60	-173.20	1,082.96	179.70	2,712.62	2,663.75	48.87	55.511			
7,000.00	6,799.07	6,419.44	6,332.36	37.36	28.01	-173.20	1,098.48	182.52	2,753.42	2,703.83	49.59	55.522			
7,100.00	6,895.94	6,510.74	6,422.28	37.92	28.43	-173.20	1,114.00	185.35	2,794.22	2,743.91	50.32	55.534			
7,200.00	6,992.81	6,602.04	6,512.21	38.48	28.84	-173.20	1,129.53	188.17	2,835.02	2,783.98	51.04	55.544			
7,300.00	7,089.68	6,693.34	6,602.13	39.03	29.25	-173.19	1,145.05	190.99	2,875.82	2,824.06	51.77	55.554			
7,400.00	7,186.54	6,784.63	6,692.05	39.59	29.67	-164.33	1,160.57	193.81	2,916.62	2,864.13	52.49	55.563			
7,500.00	7,282.19	6,875.13	6,781.19	40.15	30.08	-131.62	1,175.96	196.60	2,957.05	2,903.83	53.22	55.560			
7,600.00	7,373.82	6,962.32	6,867.07	40.71	30.47	-113.35	1,190.79	199.30	2,996.21	2,942.27	53.94	55.549			
7,700.00	7,458.63	7,043.56	6,947.08	41.25	30.84	-102.57	1,204.60	201.81	3,033.35	2,978.72	54.63	55.529			
7,800.00	7,534.06	7,116.37	7,018.80	41.77	31.17	-95.49	1,216.98	204.06	3,068.02	3,012.72	55.29	55.486			
7,900.00	7,597.82	7,178.54	7,080.03	42.29	31.46	-90.48	1,227.55	205.98	3,099.92	3,043.96	55.96	55.398			
8,000.00	7,647.96	7,228.18	7,128.93	42.80	31.68	-86.75	1,235.99	207.51	3,128.86	3,072.22	56.65	55.236			
8,100.00	7,682.96	7,285.28	7,185.13	43.34	31.94	-84.25	1,245.68	210.01	3,154.66	3,097.12	57.54	54.823			
8,200.00	7,701.75	7,345.23	7,227.29	43.90	33.15	-85.98	1,266.56	210.01	3,176.00	3,115.78	60.22	52.737			
8,300.00	7,705.00	8,189.85	7,705.00	44.51	37.18	-89.96	1,327.49	832.27	3,181.67	3,113.56	68.12	46.710			
8,400.00	7,705.00	8,289.84	7,705.00	45.23	38.27	-89.96	1,326.18	932.26	3,181.77	3,110.90	70.87	44.896			
8,500.00	7,705.00	8,389.84	7,705.00	46.08	39.52	-89.96	1,324.87	1,032.26	3,181.87	3,107.96	73.91	43.049			
8,600.00	7,705.00	8,489.84	7,705.00	47.08	40.95	-89.96	1,323.56	1,132.25	3,181.97	3,104.76	77.21	41.211			
8,700.00	7,705.00	8,589.84	7,705.00	48.22	42.51	-89.96	1,322.25	1,232.24	3,182.07	3,101.33	80.74	39.412			
8,800.00	7,705.00	8,689.84	7,705.00	49.50	44.20	-89.96	1,320.94	1,332.23	3,182.17	3,097.71	84.46	37.676			
8,900.00	7,705.00	8,789.84	7,705.00	50.91	46.00	-89.96	1,319.63	1,432.22	3,182.27	3,093.91	88.36	36.017			
9,000.00	7,705.00	8,889.84	7,705.00	52.45	47.90	-89.96	1,318.32	1,532.21	3,182.36	3,089.96	92.40	34.441			
9,100.00	7,705.00	8,989.84	7,705.00	54.11	49.87	-89.96	1,317.01	1,632.20	3,182.46	3,085.89	96.58	32.952			
9,200.00	7,705.00	9,089.84	7,705.00	55.87	51.92	-89.96	1,315.70	1,732.20	3,182.56	3,081.69	100.87	31.551			
9,300.00	7,705.00	9,189.84	7,705.00	57.72	54.03	-89.96	1,314.39	1,832.19	3,182.66	3,077.40	105.26	30.235			
9,400.00	7,705.00	9,289.84	7,705.00	59.65	56.19	-89.96	1,313.08	1,932.18	3,182.76	3,073.01	109.75	29.001			
9,500.00	7,705.00	9,389.84	7,705.00	61.66	58.40	-89.96	1,311.76	2,032.17	3,182.86	3,068.55	114.31	27.844			
9,600.00	7,705.00	9,489.84	7,705.00	63.73	60.65	-89.96	1,310.45	2,132.16	3,182.96	3,064.02	118.94	26.761			
9,700.00	7,705.00	9,589.84	7,705.00	65.85	62.94	-89.96	1,309.14	2,232.15	3,183.06	3,059.42	123.63	25.746			
9,800.00	7,705.00	9,689.84	7,705.00	68.02	65.27	-89.96	1,307.83	2,332.14	3,183.15	3,054.77	128.38	24.795			
9,900.00	7,705.00	9,789.84	7,705.00	70.23	67.62	-89.96	1,306.52	2,432.14	3,183.25	3,050.08	133.18	23.902			
10,000.00	7,705.00	9,889.84	7,705.00	72.48	69.99	-89.96	1,305.21	2,532.13	3,183.35	3,045.33	138.02	23.065			
10,100.00	7,705.00	9,989.84	7,705.00	74.77	72.39	-89.96	1,303.90	2,632.12	3,183.45	3,040.55	142.90	22.278			
10,200.00	7,705.00	10,089.84	7,705.00	77.09	74.81	-89.96	1,302.59	2,732.11	3,183.55	3,035.73	147.81	21.537			
10,300.00	7,705.00	10,189.84	7,705.00	79.43	77.25	-89.96	1,301.28	2,832.10	3,183.65	3,030.89	152.76	20.841			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	10,289.84	7,705.00	81.80	79.71	-89.96	1,299.97	2,932.09	3,183.75	3,026.01	157.74	20.184		
10,500.00	7,705.00	10,389.84	7,705.00	84.19	82.18	-89.96	1,298.66	3,032.08	3,183.84	3,021.10	162.74	19.564		
10,600.00	7,705.00	10,489.84	7,705.00	86.60	84.67	-89.96	1,297.35	3,132.07	3,183.94	3,016.17	167.77	18.978		
10,700.00	7,705.00	10,589.84	7,705.00	89.03	87.17	-89.96	1,296.04	3,232.07	3,184.04	3,011.22	172.82	18.424		
10,800.00	7,705.00	10,689.84	7,705.00	91.47	89.68	-89.96	1,294.73	3,332.06	3,184.14	3,006.25	177.89	17.899		
10,900.00	7,705.00	10,789.84	7,705.00	93.93	92.20	-89.96	1,293.42	3,432.05	3,184.24	3,001.26	182.98	17.402		
11,000.00	7,705.00	10,889.84	7,705.00	96.41	94.73	-89.96	1,292.11	3,532.04	3,184.34	2,996.26	188.08	16.930		
11,100.00	7,705.00	10,989.84	7,705.00	98.89	97.27	-89.96	1,290.80	3,632.03	3,184.44	2,991.23	193.20	16.482		
11,200.00	7,705.00	11,089.84	7,705.00	101.39	99.82	-89.96	1,289.49	3,732.02	3,184.54	2,986.20	198.34	16.056		
11,300.00	7,705.00	11,189.84	7,705.00	103.90	102.38	-89.96	1,288.18	3,832.01	3,184.63	2,981.15	203.49	15.650		
11,400.00	7,705.00	11,289.84	7,705.00	106.42	104.94	-89.96	1,286.87	3,932.01	3,184.73	2,976.08	208.65	15.264		
11,500.00	7,705.00	11,389.84	7,705.00	108.95	107.51	-89.96	1,285.56	4,032.00	3,184.83	2,971.01	213.82	14.895		
11,600.00	7,705.00	11,489.84	7,705.00	111.48	110.09	-89.96	1,284.25	4,131.99	3,184.93	2,965.93	219.00	14.543		
11,700.00	7,705.00	11,589.84	7,705.00	114.03	112.67	-89.96	1,282.94	4,231.98	3,185.03	2,960.83	224.20	14.206		
11,800.00	7,705.00	11,689.84	7,705.00	116.58	115.26	-89.96	1,281.63	4,331.97	3,185.13	2,955.73	229.40	13.885		
11,900.00	7,705.00	11,789.84	7,705.00	119.14	117.85	-89.96	1,280.32	4,431.96	3,185.23	2,950.62	234.61	13.577		
12,000.00	7,705.00	11,889.84	7,705.00	121.70	120.45	-89.96	1,279.01	4,531.95	3,185.33	2,945.50	239.83	13.282		
12,100.00	7,705.00	11,989.84	7,705.00	124.27	123.05	-89.96	1,277.70	4,631.95	3,185.42	2,940.37	245.05	12.999		
12,200.00	7,705.00	12,089.84	7,705.00	126.85	125.65	-89.96	1,276.39	4,731.94	3,185.52	2,935.24	250.29	12.728		
12,300.00	7,705.00	12,189.84	7,705.00	129.43	128.26	-89.96	1,275.08	4,831.93	3,185.62	2,930.10	255.53	12.467		
12,400.00	7,705.00	12,289.84	7,705.00	132.01	130.88	-89.96	1,273.77	4,931.92	3,185.72	2,924.95	260.77	12.217		
12,500.00	7,705.00	12,389.84	7,705.00	134.60	133.49	-89.96	1,272.45	5,031.91	3,185.82	2,919.80	266.02	11.976		
12,600.00	7,705.00	12,489.84	7,705.00	137.20	136.11	-89.96	1,271.14	5,131.90	3,185.92	2,914.64	271.28	11.744		
12,700.00	7,705.00	12,589.84	7,705.00	139.80	138.73	-89.96	1,269.83	5,231.89	3,186.02	2,909.47	276.54	11.521		
12,800.00	7,705.00	12,689.84	7,705.00	142.40	141.36	-89.96	1,268.52	5,331.88	3,186.11	2,904.30	281.81	11.306		
12,900.00	7,705.00	12,789.84	7,705.00	145.00	143.99	-89.96	1,267.21	5,431.88	3,186.21	2,899.13	287.08	11.099		
13,000.00	7,705.00	12,889.84	7,705.00	147.61	146.62	-89.96	1,265.90	5,531.87	3,186.31	2,893.95	292.36	10.899		
13,100.00	7,705.00	12,989.84	7,705.00	150.23	149.25	-89.96	1,264.59	5,631.86	3,186.41	2,888.77	297.64	10.706		
13,200.00	7,705.00	13,089.84	7,705.00	152.84	151.88	-89.96	1,263.28	5,731.85	3,186.51	2,883.59	302.92	10.519		
13,300.00	7,705.00	13,189.84	7,705.00	155.46	154.52	-89.96	1,261.97	5,831.84	3,186.61	2,878.40	308.21	10.339		
13,400.00	7,705.00	13,289.84	7,705.00	158.08	157.16	-89.96	1,260.66	5,931.83	3,186.71	2,873.20	313.50	10.165		
13,500.00	7,705.00	13,389.84	7,705.00	160.70	159.80	-89.96	1,259.35	6,031.82	3,186.81	2,868.01	318.80	9.996		
13,600.00	7,705.00	13,489.84	7,705.00	163.33	162.44	-89.96	1,258.04	6,131.82	3,186.90	2,862.81	324.10	9.833		
13,700.00	7,705.00	13,589.84	7,705.00	165.96	165.09	-89.96	1,256.73	6,231.81	3,187.00	2,857.60	329.40	9.675		
13,800.00	7,705.00	13,689.84	7,705.00	168.59	167.73	-89.96	1,255.42	6,331.80	3,187.10	2,852.40	334.70	9.522		
13,900.00	7,705.00	13,789.84	7,705.00	171.22	170.38	-89.96	1,254.11	6,431.79	3,187.20	2,847.19	340.01	9.374		
14,000.00	7,705.00	13,889.84	7,705.00	173.86	173.03	-89.96	1,252.80	6,531.78	3,187.30	2,841.98	345.32	9.230		
14,100.00	7,705.00	13,989.84	7,705.00	176.49	175.68	-89.96	1,251.49	6,631.77	3,187.40	2,836.77	350.63	9.090		
14,200.00	7,705.00	14,089.84	7,705.00	179.13	178.33	-89.96	1,250.18	6,731.76	3,187.50	2,831.55	355.95	8.955		
14,300.00	7,705.00	14,189.84	7,705.00	181.77	180.99	-89.96	1,248.87	6,831.76	3,187.59	2,826.33	361.26	8.823		
14,400.00	7,705.00	14,289.84	7,705.00	184.41	183.64	-89.96	1,247.56	6,931.75	3,187.69	2,821.11	366.58	8.696		
14,500.00	7,705.00	14,389.84	7,705.00	187.06	186.30	-89.96	1,246.25	7,031.74	3,187.79	2,815.89	371.90	8.572		
14,600.00	7,705.00	14,489.84	7,705.00	189.70	188.95	-89.96	1,244.94	7,131.73	3,187.89	2,810.66	377.23	8.451		
14,700.00	7,705.00	14,589.84	7,705.00	192.35	191.61	-89.96	1,243.63	7,231.72	3,187.99	2,805.44	382.55	8.333		
14,800.00	7,705.00	14,689.84	7,705.00	194.99	194.27	-89.96	1,242.32	7,331.71	3,188.09	2,800.21	387.88	8.219		
14,900.00	7,705.00	14,789.84	7,705.00	197.64	196.93	-89.96	1,241.01	7,431.70	3,188.19	2,794.98	393.21	8.108		
15,000.00	7,705.00	14,889.84	7,705.00	200.29	199.59	-89.96	1,239.70	7,531.70	3,188.29	2,789.75	398.54	8.000		
15,100.00	7,705.00	14,989.84	7,705.00	202.95	202.25	-89.96	1,238.39	7,631.69	3,188.38	2,784.51	403.87	7.895		
15,200.00	7,705.00	15,089.84	7,705.00	205.60	204.92	-89.96	1,237.08	7,731.68	3,188.48	2,779.28	409.20	7.792		
15,300.00	7,705.00	15,189.84	7,705.00	208.25	207.58	-89.96	1,235.77	7,831.67	3,188.58	2,774.04	414.54	7.692		
15,400.00	7,705.00	15,289.84	7,705.00	210.91	210.25	-89.96	1,234.46	7,931.66	3,188.68	2,768.80	419.88	7.594		
15,500.00	7,705.00	15,389.84	7,705.00	213.56	212.91	-89.96	1,233.14	8,031.65	3,188.78	2,763.57	425.21	7.499		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	15,489.84	7,705.00	216.22	215.58	-89.96	1,231.83	8,131.64	3,188.88	2,758.32	430.55	7.406		
15,700.00	7,705.00	15,589.84	7,705.00	218.88	218.24	-89.96	1,230.52	8,231.63	3,188.98	2,753.08	435.89	7.316		
15,800.00	7,705.00	15,689.84	7,705.00	221.54	220.91	-89.96	1,229.21	8,331.63	3,189.07	2,747.84	441.24	7.228		
15,900.00	7,705.00	15,789.84	7,705.00	224.20	223.58	-89.96	1,227.90	8,431.62	3,189.17	2,742.59	446.58	7.141		
16,000.00	7,705.00	15,889.84	7,705.00	226.86	226.25	-89.96	1,226.59	8,531.61	3,189.27	2,737.35	451.92	7.057		
16,100.00	7,705.00	15,989.84	7,705.00	229.52	228.92	-89.96	1,225.28	8,631.60	3,189.37	2,732.10	457.27	6.975		
16,200.00	7,705.00	16,089.84	7,705.00	232.18	231.59	-89.96	1,223.97	8,731.59	3,189.47	2,726.85	462.61	6.894		
16,300.00	7,705.00	16,189.84	7,705.00	234.85	234.26	-89.96	1,222.66	8,831.58	3,189.57	2,721.61	467.96	6.816		
16,400.00	7,705.00	16,289.84	7,705.00	237.51	236.93	-89.96	1,221.35	8,931.57	3,189.67	2,716.36	473.31	6.739		
16,500.00	7,705.00	16,389.84	7,705.00	240.17	239.60	-89.96	1,220.04	9,031.57	3,189.77	2,711.10	478.66	6.664		
16,600.00	7,705.00	16,489.84	7,705.00	242.84	242.27	-89.96	1,218.73	9,131.56	3,189.86	2,705.85	484.01	6.590		
16,700.00	7,705.00	16,589.84	7,705.00	245.51	244.95	-89.96	1,217.42	9,231.55	3,189.96	2,700.60	489.36	6.519		
16,800.00	7,705.00	16,689.84	7,705.00	248.17	247.62	-89.96	1,216.11	9,331.54	3,190.06	2,695.35	494.72	6.448		
16,900.00	7,705.00	16,789.84	7,705.00	250.84	250.29	-89.96	1,214.80	9,431.53	3,190.16	2,690.09	500.07	6.379		
17,000.00	7,705.00	16,889.84	7,705.00	253.51	252.97	-89.96	1,213.49	9,531.52	3,190.26	2,684.84	505.42	6.312		
17,100.00	7,705.00	16,989.84	7,705.00	256.18	255.64	-89.96	1,212.18	9,631.51	3,190.36	2,679.58	510.78	6.246		
17,200.00	7,705.00	17,089.84	7,705.00	258.85	258.32	-89.96	1,210.87	9,731.51	3,190.46	2,674.32	516.13	6.181		
17,300.00	7,705.00	17,189.84	7,705.00	261.52	261.00	-89.96	1,209.56	9,831.50	3,190.56	2,669.07	521.49	6.118		
17,400.00	7,705.00	17,289.84	7,705.00	264.19	263.67	-89.96	1,208.25	9,931.49	3,190.65	2,663.81	526.85	6.056		
17,500.00	7,705.00	17,389.84	7,705.00	266.86	266.35	-89.96	1,206.94	10,031.48	3,190.75	2,658.55	532.20	5.995		
17,600.00	7,705.00	17,489.84	7,705.00	269.53	269.02	-89.96	1,205.63	10,131.47	3,190.85	2,653.29	537.56	5.936		
17,700.00	7,705.00	17,589.84	7,705.00	272.20	271.70	-89.96	1,204.32	10,231.46	3,190.95	2,648.03	542.92	5.877		
17,800.00	7,705.00	17,689.84	7,705.00	274.87	274.38	-89.96	1,203.01	10,331.45	3,191.05	2,642.77	548.28	5.820		
17,900.00	7,705.00	17,789.84	7,705.00	277.55	277.06	-89.96	1,201.70	10,431.44	3,191.15	2,637.51	553.64	5.764		
18,000.00	7,705.00	17,889.84	7,705.00	280.22	279.74	-89.96	1,200.39	10,531.44	3,191.25	2,632.24	559.00	5.709		
18,100.00	7,705.00	17,989.84	7,705.00	282.89	282.42	-89.96	1,199.08	10,631.43	3,191.34	2,626.98	564.36	5.655		
18,187.13	7,705.00	18,034.09	7,705.00	285.22	283.60	-89.96	1,198.50	10,675.68	3,191.72	2,623.98	567.74	5.622 SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	0.00	0.00	0.60	80.14	0.84	80.14					
100.00	100.00	102.00	102.00	0.13	0.14	0.60	80.14	0.84	80.14	79.87	0.28	290.350	CC, ES	
200.00	199.98	201.98	201.98	0.48	0.50	-173.46	80.14	0.84	81.88	80.89	0.98	83.186		
300.00	299.84	301.84	301.84	0.84	0.86	-173.84	80.14	0.84	87.08	85.38	1.70	51.146		
400.00	399.45	401.45	401.45	1.22	1.22	-174.38	80.14	0.84	95.75	93.32	2.43	39.469		
500.00	498.70	500.70	500.70	1.62	1.57	-174.99	80.14	0.84	107.88	104.73	3.15	34.233		
600.00	597.47	595.52	595.51	2.05	1.91	-175.34	81.66	1.30	125.05	121.18	3.87	32.286		
700.00	695.62	688.47	688.34	2.51	2.25	-175.31	86.08	2.62	148.67	144.08	4.59	32.416		
800.00	793.06	778.98	778.54	3.00	2.58	-175.04	93.14	4.74	178.58	173.29	5.29	33.781		
900.00	889.94	870.94	869.98	3.53	2.91	-174.73	102.51	7.55	212.93	206.94	5.98	35.584		
1,000.00	986.81	964.76	963.25	4.06	3.27	-174.49	112.24	10.47	247.51	240.83	6.68	37.045		
1,100.00	1,083.68	1,058.59	1,056.52	4.60	3.62	-174.31	121.97	13.39	282.11	274.72	7.39	38.197		
1,200.00	1,180.55	1,152.41	1,149.79	5.15	3.98	-174.17	131.70	16.31	316.70	308.61	8.09	39.144		
1,300.00	1,277.42	1,246.23	1,243.06	5.69	4.35	-174.06	141.43	19.23	351.29	342.49	8.80	39.915		
1,400.00	1,374.30	1,340.06	1,336.33	6.24	4.71	-173.97	151.17	22.14	385.89	376.38	9.51	40.562		
1,500.00	1,471.17	1,433.88	1,429.61	6.79	5.08	-173.90	160.90	25.06	420.49	410.26	10.23	41.111		
1,600.00	1,568.04	1,527.70	1,522.88	7.34	5.44	-173.83	170.63	27.98	455.08	444.14	10.94	41.583		
1,700.00	1,664.91	1,621.53	1,616.15	7.89	5.81	-173.77	180.36	30.90	489.68	478.02	11.66	41.992		
1,800.00	1,761.78	1,715.35	1,709.42	8.45	6.18	-173.73	190.09	33.82	524.28	511.90	12.38	42.351		
1,900.00	1,858.65	1,809.17	1,802.69	9.00	6.54	-173.68	199.82	36.74	558.88	545.78	13.10	42.667		
2,000.00	1,955.52	1,903.00	1,895.96	9.55	6.91	-173.65	209.55	39.66	593.48	579.66	13.82	42.984		
2,100.00	2,052.39	2,003.18	1,989.24	10.11	7.31	-173.61	219.28	42.57	628.08	613.51	14.56	43.130		
2,200.00	2,149.26	2,109.36	2,082.51	10.66	7.73	-173.58	229.01	45.49	662.67	647.35	15.33	43.230		
2,300.00	2,246.13	2,184.47	2,175.78	11.22	8.02	-173.56	238.75	48.41	697.27	681.29	15.98	43.630		
2,400.00	2,343.01	2,278.29	2,269.05	11.77	8.39	-173.53	248.48	51.33	731.87	715.17	16.70	43.815		
2,500.00	2,439.88	2,372.11	2,362.32	12.33	8.76	-173.51	258.21	54.25	766.47	749.05	17.43	43.985		
2,600.00	2,536.75	2,465.94	2,455.60	12.88	9.13	-173.49	267.94	57.17	801.07	782.92	18.15	44.139		
2,700.00	2,633.62	2,559.76	2,548.87	13.44	9.50	-173.47	277.67	60.08	835.67	816.80	18.87	44.282		
2,800.00	2,730.49	2,653.58	2,642.14	13.99	9.87	-173.45	287.40	63.00	870.27	850.67	19.60	44.413		
2,900.00	2,827.36	2,747.41	2,735.41	14.55	10.25	-173.44	297.13	65.92	904.87	884.55	20.32	44.534		
3,000.00	2,924.23	2,841.23	2,828.68	15.10	10.62	-173.42	306.86	68.84	939.47	918.43	21.04	44.646		
3,100.00	3,021.10	2,935.05	2,921.95	15.66	10.99	-173.41	316.59	71.76	974.07	952.30	21.77	44.750		
3,200.00	3,117.97	3,028.88	3,015.23	16.21	11.36	-173.40	326.33	74.68	1,008.67	986.18	22.49	44.848		
3,300.00	3,214.84	3,122.70	3,108.50	16.77	11.73	-173.39	336.06	77.59	1,043.27	1,020.05	23.22	44.938		
3,400.00	3,311.72	3,216.52	3,201.77	17.33	12.10	-173.38	345.79	80.51	1,077.87	1,053.93	23.94	45.023		
3,500.00	3,408.59	3,310.35	3,295.04	17.88	12.47	-173.37	355.52	83.43	1,112.47	1,087.80	24.67	45.103		
3,600.00	3,505.46	3,404.17	3,388.31	18.44	12.84	-173.36	365.25	86.35	1,147.07	1,121.68	25.39	45.177		
3,700.00	3,602.33	3,502.01	3,481.58	18.99	13.23	-173.35	374.98	89.27	1,181.67	1,155.54	26.13	45.222		
3,800.00	3,699.20	3,591.82	3,574.86	19.55	13.59	-173.34	384.71	92.19	1,216.27	1,189.43	26.84	45.314		
3,900.00	3,796.07	3,685.64	3,668.13	20.11	13.96	-173.33	394.44	95.11	1,250.87	1,223.30	27.57	45.376		
4,000.00	3,892.94	3,779.46	3,761.40	20.66	14.33	-173.32	404.18	98.02	1,285.47	1,257.17	28.29	45.435		
4,100.00	3,989.81	3,873.29	3,854.67	21.22	14.70	-173.31	413.91	100.94	1,320.07	1,291.05	29.02	45.491		
4,200.00	4,086.68	3,967.11	3,947.94	21.78	15.08	-173.31	423.64	103.86	1,354.67	1,324.92	29.74	45.544		
4,300.00	4,183.55	4,060.93	4,041.21	22.33	15.45	-173.30	433.37	106.78	1,389.27	1,358.80	30.47	45.594		
4,400.00	4,280.43	4,154.76	4,134.49	22.89	15.82	-173.29	443.10	109.70	1,423.87	1,392.67	31.20	45.641		
4,500.00	4,377.30	4,248.58	4,227.76	23.44	16.19	-173.29	452.83	112.62	1,458.47	1,426.54	31.92	45.686		
4,600.00	4,474.17	4,342.40	4,321.03	24.00	16.56	-173.28	462.56	115.53	1,493.07	1,460.42	32.65	45.729		
4,700.00	4,571.04	4,436.23	4,414.30	24.56	16.94	-173.28	472.29	118.45	1,527.67	1,494.29	33.38	45.770		
4,800.00	4,667.91	4,530.05	4,507.57	25.11	17.31	-173.27	482.02	121.37	1,562.27	1,528.16	34.10	45.809		
4,900.00	4,764.78	4,623.87	4,600.84	25.67	17.68	-173.27	491.76	124.29	1,596.87	1,562.04	34.83	45.846		
5,000.00	4,861.65	4,717.70	4,694.12	26.23	18.05	-173.26	501.49	127.21	1,631.47	1,595.91	35.56	45.882		
5,100.00	4,958.52	4,811.52	4,787.39	26.78	18.42	-173.26	511.22	130.13	1,666.07	1,629.78	36.29	45.916		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,055.39	4,905.34	4,880.66	27.34	18.80	-173.25	520.95	133.04	1,700.67	1,663.65	37.01	45.948		
5,300.00	5,152.26	4,999.17	4,973.93	27.90	19.17	-173.25	530.68	135.96	1,735.27	1,697.53	37.74	45.979		
5,400.00	5,249.13	5,107.01	5,067.20	28.45	19.60	-173.25	540.41	138.88	1,769.87	1,731.35	38.52	45.947		
5,500.00	5,346.01	5,186.81	5,160.47	29.01	19.91	-173.24	550.14	141.80	1,804.47	1,765.27	39.20	46.037		
5,600.00	5,442.88	5,280.64	5,253.75	29.57	20.29	-173.24	559.87	144.72	1,839.07	1,799.14	39.92	46.064		
5,700.00	5,539.75	5,374.46	5,347.02	30.12	20.66	-173.23	569.60	147.64	1,873.67	1,833.02	40.65	46.090		
5,800.00	5,636.62	5,468.28	5,440.29	30.68	21.03	-173.23	579.34	150.56	1,908.27	1,866.89	41.38	46.115		
5,900.00	5,733.49	5,562.11	5,533.56	31.24	21.40	-173.23	589.07	153.47	1,942.87	1,900.76	42.11	46.139		
6,000.00	5,830.36	5,655.93	5,626.83	31.79	21.78	-173.22	598.80	156.39	1,977.47	1,934.63	42.84	46.162		
6,100.00	5,927.23	5,749.75	5,720.10	32.35	22.15	-173.22	608.53	159.31	2,012.07	1,968.50	43.57	46.184		
6,200.00	6,024.10	5,843.58	5,813.38	32.91	22.52	-173.22	618.26	162.23	2,046.67	2,002.37	44.30	46.205		
6,300.00	6,120.97	5,937.40	5,906.65	33.46	22.89	-173.22	627.99	165.15	2,081.27	2,036.24	45.02	46.225		
6,400.00	6,217.84	6,031.22	5,999.92	34.02	23.26	-173.21	637.72	168.07	2,115.87	2,070.11	45.75	46.245		
6,500.00	6,314.72	6,125.05	6,093.19	34.58	23.64	-173.21	647.45	170.98	2,150.47	2,103.99	46.48	46.264		
6,600.00	6,411.59	6,218.87	6,186.46	35.13	24.01	-173.21	657.19	173.90	2,185.07	2,137.86	47.21	46.282		
6,700.00	6,508.46	6,312.69	6,279.73	35.69	24.38	-173.20	666.92	176.82	2,219.67	2,171.73	47.94	46.299		
6,800.00	6,605.33	6,406.52	6,373.01	36.25	24.75	-173.20	676.65	179.74	2,254.27	2,205.60	48.67	46.316		
6,900.00	6,702.20	6,500.34	6,466.28	36.81	25.13	-173.20	686.38	182.66	2,288.87	2,239.47	49.40	46.332		
7,000.00	6,799.07	6,605.84	6,559.55	37.36	25.55	-173.20	696.11	185.58	2,323.47	2,273.29	50.18	46.307		
7,100.00	6,895.94	6,687.99	6,652.82	37.92	25.87	-173.19	705.84	188.49	2,358.07	2,307.21	50.86	46.362		
7,200.00	6,992.81	6,781.81	6,746.09	38.48	26.24	-173.19	715.57	191.41	2,392.67	2,341.08	51.59	46.376		
7,300.00	7,089.68	6,875.63	6,839.36	39.03	26.62	-173.19	725.30	194.33	2,427.27	2,374.95	52.32	46.390		
7,400.00	7,186.54	6,969.45	6,932.63	39.59	26.99	-164.49	735.03	197.25	2,461.87	2,408.81	53.05	46.403		
7,500.00	7,282.19	7,062.46	7,025.09	40.15	27.36	-132.58	744.68	200.14	2,496.16	2,442.38	53.79	46.408		
7,600.00	7,373.82	7,152.08	7,114.18	40.71	27.71	-115.12	753.98	202.93	2,529.44	2,474.94	54.50	46.411		
7,700.00	7,458.63	7,245.61	7,207.00	41.25	28.09	-105.16	763.62	208.51	2,561.15	2,505.89	55.26	46.347		
7,800.00	7,534.06	7,354.62	7,312.61	41.77	28.55	-98.92	774.37	232.57	2,590.32	2,534.12	56.20	46.089		
7,900.00	7,597.82	7,478.82	7,424.92	42.29	29.08	-94.86	785.46	283.83	2,615.94	2,558.55	57.39	45.583		
8,000.00	7,647.96	7,622.54	7,537.65	42.80	29.75	-92.30	796.12	371.74	2,636.93	2,577.97	58.96	44.726		
8,100.00	7,682.96	7,788.38	7,636.04	43.34	30.71	-90.83	804.69	504.24	2,652.14	2,590.99	61.15	43.370		
8,200.00	7,701.75	7,973.14	7,696.34	43.90	32.27	-90.11	808.73	677.99	2,660.45	2,596.22	64.23	41.421		
8,300.00	7,705.00	8,121.10	7,705.00	44.51	33.95	-89.96	807.70	825.44	2,661.85	2,594.46	67.39	39.502		
8,400.00	7,705.00	8,221.10	7,705.00	45.23	35.29	-89.96	806.39	925.44	2,661.94	2,591.78	70.17	37.938		
8,500.00	7,705.00	8,321.10	7,705.00	46.08	36.79	-89.96	805.09	1,025.43	2,662.04	2,588.81	73.24	36.348		
8,600.00	7,705.00	8,421.10	7,705.00	47.08	38.42	-89.96	803.78	1,125.42	2,662.14	2,585.58	76.57	34.769		
8,700.00	7,705.00	8,521.10	7,705.00	48.22	40.17	-89.96	802.47	1,225.41	2,662.24	2,582.12	80.12	33.228		
8,800.00	7,705.00	8,621.10	7,705.00	49.50	42.03	-89.96	801.16	1,325.40	2,662.34	2,578.47	83.87	31.743		
8,900.00	7,705.00	8,721.10	7,705.00	50.91	43.97	-89.96	799.85	1,425.39	2,662.44	2,574.65	87.79	30.326		
9,000.00	7,705.00	8,821.10	7,705.00	52.45	46.00	-89.96	798.54	1,525.38	2,662.54	2,570.68	91.86	28.984		
9,100.00	7,705.00	8,921.10	7,705.00	54.11	48.09	-89.96	797.23	1,625.38	2,662.64	2,566.58	96.06	27.717		
9,200.00	7,705.00	9,021.10	7,705.00	55.87	50.24	-89.96	795.92	1,725.37	2,662.74	2,562.36	100.38	26.527		
9,300.00	7,705.00	9,121.10	7,705.00	57.72	52.44	-89.96	794.61	1,825.36	2,662.84	2,558.04	104.79	25.410		
9,400.00	7,705.00	9,221.10	7,705.00	59.65	54.68	-89.96	793.30	1,925.35	2,662.94	2,553.64	109.30	24.364		
9,500.00	7,705.00	9,321.10	7,705.00	61.66	56.97	-89.96	791.99	2,025.34	2,663.04	2,549.16	113.88	23.386		
9,600.00	7,705.00	9,421.10	7,705.00	63.73	59.29	-89.96	790.68	2,125.33	2,663.14	2,544.61	118.52	22.469		
9,700.00	7,705.00	9,521.10	7,705.00	65.85	61.64	-89.96	789.37	2,225.32	2,663.24	2,540.00	123.23	21.612		
9,800.00	7,705.00	9,621.10	7,705.00	68.02	64.02	-89.96	788.06	2,325.31	2,663.34	2,535.34	127.99	20.808		
9,900.00	7,705.00	9,721.10	7,705.00	70.23	66.42	-89.96	786.75	2,425.31	2,663.43	2,530.63	132.81	20.055		
10,000.00	7,705.00	9,821.10	7,705.00	72.48	68.85	-89.96	785.44	2,525.30	2,663.53	2,525.87	137.66	19.349		
10,100.00	7,705.00	9,921.10	7,705.00	74.77	71.30	-89.96	784.13	2,625.29	2,663.63	2,521.08	142.55	18.685		
10,200.00	7,705.00	10,021.10	7,705.00	77.09	73.76	-89.96	782.82	2,725.28	2,663.73	2,516.25	147.48	18.062		
10,300.00	7,705.00	10,121.10	7,705.00	79.43	76.24	-89.96	781.51	2,825.27	2,663.83	2,511.39	152.44	17.475		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis		Distance					Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	10,221.10	7,705.00	81.80	78.73	-89.96	780.20	2,925.26	2,663.93	2,506.51	157.42	16.922		
10,500.00	7,705.00	10,321.10	7,705.00	84.19	81.24	-89.96	778.89	3,025.25	2,664.03	2,501.59	162.44	16.400		
10,600.00	7,705.00	10,421.10	7,705.00	86.60	83.75	-89.96	777.58	3,125.25	2,664.13	2,496.66	167.47	15.908		
10,700.00	7,705.00	10,521.10	7,705.00	89.03	86.28	-89.96	776.27	3,225.24	2,664.23	2,491.70	172.53	15.442		
10,800.00	7,705.00	10,621.10	7,705.00	91.47	88.82	-89.96	774.96	3,325.23	2,664.33	2,486.72	177.61	15.001		
10,900.00	7,705.00	10,721.10	7,705.00	93.93	91.37	-89.96	773.65	3,425.22	2,664.43	2,481.72	182.71	14.583		
11,000.00	7,705.00	10,821.10	7,705.00	96.41	93.92	-89.96	772.34	3,525.21	2,664.53	2,476.71	187.82	14.187		
11,100.00	7,705.00	10,921.10	7,705.00	98.89	96.49	-89.96	771.03	3,625.20	2,664.63	2,471.68	192.95	13.810		
11,200.00	7,705.00	11,021.10	7,705.00	101.39	99.06	-89.96	769.72	3,725.19	2,664.73	2,466.64	198.09	13.452		
11,300.00	7,705.00	11,121.10	7,705.00	103.90	101.64	-89.96	768.41	3,825.19	2,664.83	2,461.58	203.24	13.112		
11,400.00	7,705.00	11,221.10	7,705.00	106.42	104.22	-89.96	767.10	3,925.18	2,664.92	2,456.51	208.41	12.787		
11,500.00	7,705.00	11,321.10	7,705.00	108.95	106.81	-89.96	765.80	4,025.17	2,665.02	2,451.44	213.59	12.477		
11,600.00	7,705.00	11,421.10	7,705.00	111.48	109.40	-89.96	764.49	4,125.16	2,665.12	2,446.35	218.78	12.182		
11,700.00	7,705.00	11,521.10	7,705.00	114.03	112.00	-89.96	763.18	4,225.15	2,665.22	2,441.25	223.97	11.900		
11,800.00	7,705.00	11,621.10	7,705.00	116.58	114.61	-89.96	761.87	4,325.14	2,665.32	2,436.14	229.18	11.630		
11,900.00	7,705.00	11,721.10	7,705.00	119.14	117.21	-89.96	760.56	4,425.13	2,665.42	2,431.03	234.40	11.371		
12,000.00	7,705.00	11,821.10	7,705.00	121.70	119.82	-89.96	759.25	4,525.13	2,665.52	2,425.90	239.62	11.124		
12,100.00	7,705.00	11,921.10	7,705.00	124.27	122.44	-89.96	757.94	4,625.12	2,665.62	2,420.77	244.85	10.887		
12,200.00	7,705.00	12,021.10	7,705.00	126.85	125.06	-89.96	756.63	4,725.11	2,665.72	2,415.63	250.09	10.659		
12,300.00	7,705.00	12,121.10	7,705.00	129.43	127.68	-89.96	755.32	4,825.10	2,665.82	2,410.49	255.33	10.441		
12,400.00	7,705.00	12,221.10	7,705.00	132.01	130.31	-89.96	754.01	4,925.09	2,665.92	2,405.34	260.58	10.231		
12,500.00	7,705.00	12,321.10	7,705.00	134.60	132.93	-89.96	752.70	5,025.08	2,666.02	2,400.18	265.84	10.029		
12,600.00	7,705.00	12,421.10	7,705.00	137.20	135.56	-89.96	751.39	5,125.07	2,666.12	2,395.02	271.10	9.835		
12,700.00	7,705.00	12,521.10	7,705.00	139.80	138.20	-89.96	750.08	5,225.06	2,666.22	2,389.85	276.36	9.648		
12,800.00	7,705.00	12,621.10	7,705.00	142.40	140.83	-89.96	748.77	5,325.05	2,666.32	2,384.68	281.63	9.467		
12,900.00	7,705.00	12,721.10	7,705.00	145.00	143.47	-89.96	747.46	5,425.05	2,666.41	2,379.51	286.91	9.294		
13,000.00	7,705.00	12,821.10	7,705.00	147.61	146.11	-89.96	746.15	5,525.04	2,666.51	2,374.33	292.19	9.126		
13,100.00	7,705.00	12,921.10	7,705.00	150.23	148.75	-89.96	744.84	5,625.03	2,666.61	2,369.14	297.47	8.964		
13,200.00	7,705.00	13,021.10	7,705.00	152.84	151.40	-89.96	743.53	5,725.02	2,666.71	2,363.95	302.76	8.808		
13,300.00	7,705.00	13,121.10	7,705.00	155.46	154.04	-89.96	742.22	5,825.01	2,666.81	2,358.76	308.05	8.657		
13,400.00	7,705.00	13,221.10	7,705.00	158.08	156.69	-89.96	740.91	5,925.00	2,666.91	2,353.57	313.34	8.511		
13,500.00	7,705.00	13,321.10	7,705.00	160.70	159.34	-89.96	739.60	6,025.00	2,667.01	2,348.37	318.64	8.370		
13,600.00	7,705.00	13,421.10	7,705.00	163.33	161.99	-89.96	738.29	6,124.99	2,667.11	2,343.17	323.94	8.233		
13,700.00	7,705.00	13,521.10	7,705.00	165.96	164.64	-89.96	736.98	6,224.98	2,667.21	2,337.96	329.25	8.101		
13,800.00	7,705.00	13,621.10	7,705.00	168.59	167.29	-89.96	735.67	6,324.97	2,667.31	2,332.76	334.55	7.973		
13,900.00	7,705.00	13,721.10	7,705.00	171.22	169.95	-89.96	734.36	6,424.96	2,667.41	2,327.55	339.86	7.849		
14,000.00	7,705.00	13,821.10	7,705.00	173.86	172.60	-89.96	733.05	6,524.95	2,667.51	2,322.33	345.17	7.728		
14,100.00	7,705.00	13,921.10	7,705.00	176.49	175.26	-89.96	731.74	6,624.94	2,667.61	2,317.12	350.49	7.611		
14,200.00	7,705.00	14,021.10	7,705.00	179.13	177.92	-89.96	730.43	6,724.94	2,667.71	2,311.90	355.80	7.498		
14,300.00	7,705.00	14,121.10	7,705.00	181.77	180.58	-89.96	729.12	6,824.93	2,667.81	2,306.68	361.12	7.388		
14,400.00	7,705.00	14,221.10	7,705.00	184.41	183.24	-89.96	727.81	6,924.92	2,667.90	2,301.46	366.44	7.281		
14,500.00	7,705.00	14,321.10	7,705.00	187.06	185.90	-89.96	726.51	7,024.91	2,668.00	2,296.24	371.77	7.177		
14,600.00	7,705.00	14,421.10	7,705.00	189.70	188.56	-89.96	725.20	7,124.90	2,668.10	2,291.01	377.09	7.075		
14,700.00	7,705.00	14,521.10	7,705.00	192.35	191.23	-89.96	723.89	7,224.89	2,668.20	2,285.78	382.42	6.977		
14,800.00	7,705.00	14,621.10	7,705.00	194.99	193.89	-89.96	722.58	7,324.88	2,668.30	2,280.55	387.75	6.882		
14,900.00	7,705.00	14,721.10	7,705.00	197.64	196.56	-89.96	721.27	7,424.88	2,668.40	2,275.32	393.08	6.788		
15,000.00	7,705.00	14,821.10	7,705.00	200.29	199.22	-89.96	719.96	7,524.87	2,668.50	2,270.09	398.41	6.698		
15,100.00	7,705.00	14,921.10	7,705.00	202.95	201.89	-89.96	718.65	7,624.86	2,668.60	2,264.86	403.74	6.610		
15,200.00	7,705.00	15,021.10	7,705.00	205.60	204.56	-89.96	717.34	7,724.85	2,668.70	2,259.62	409.08	6.524		
15,300.00	7,705.00	15,121.10	7,705.00	208.25	207.23	-89.96	716.03	7,824.84	2,668.80	2,254.38	414.42	6.440		
15,400.00	7,705.00	15,221.10	7,705.00	210.91	209.90	-89.96	714.72	7,924.83	2,668.90	2,249.14	419.75	6.358		
15,500.00	7,705.00	15,321.10	7,705.00	213.56	212.57	-89.96	713.41	8,024.82	2,669.00	2,243.90	425.09	6.279		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	15,421.10	7,705.00	216.22	215.24	-89.96	712.10	8,124.81	2,669.10	2,238.66	430.44	6.201		
15,700.00	7,705.00	15,521.10	7,705.00	218.88	217.91	-89.96	710.79	8,224.81	2,669.20	2,233.42	435.78	6.125		
15,800.00	7,705.00	15,621.10	7,705.00	221.54	220.58	-89.96	709.48	8,324.80	2,669.30	2,228.17	441.12	6.051		
15,900.00	7,705.00	15,721.10	7,705.00	224.20	223.25	-89.96	708.17	8,424.79	2,669.39	2,222.93	446.47	5.979		
16,000.00	7,705.00	15,821.10	7,705.00	226.86	225.92	-89.96	706.86	8,524.78	2,669.49	2,217.68	451.81	5.908		
16,100.00	7,705.00	15,921.10	7,705.00	229.52	228.60	-89.96	705.55	8,624.77	2,669.59	2,212.44	457.16	5.840		
16,200.00	7,705.00	16,021.10	7,705.00	232.18	231.27	-89.96	704.24	8,724.76	2,669.69	2,207.19	462.51	5.772		
16,300.00	7,705.00	16,121.10	7,705.00	234.85	233.95	-89.96	702.93	8,824.75	2,669.79	2,201.94	467.85	5.706		
16,400.00	7,705.00	16,221.10	7,705.00	237.51	236.62	-89.96	701.62	8,924.75	2,669.89	2,196.69	473.20	5.642		
16,500.00	7,705.00	16,321.10	7,705.00	240.17	239.30	-89.96	700.31	9,024.74	2,669.99	2,191.44	478.55	5.579		
16,600.00	7,705.00	16,421.10	7,705.00	242.84	241.97	-89.96	699.00	9,124.73	2,670.09	2,186.18	483.91	5.518		
16,700.00	7,705.00	16,521.10	7,705.00	245.51	244.65	-89.96	697.69	9,224.72	2,670.19	2,180.93	489.26	5.458		
16,800.00	7,705.00	16,621.10	7,705.00	248.17	247.33	-89.96	696.38	9,324.71	2,670.29	2,175.68	494.61	5.399		
16,900.00	7,705.00	16,721.10	7,705.00	250.84	250.00	-89.96	695.07	9,424.70	2,670.39	2,170.42	499.97	5.341		
17,000.00	7,705.00	16,821.10	7,705.00	253.51	252.68	-89.96	693.76	9,524.69	2,670.49	2,165.17	505.32	5.285		
17,100.00	7,705.00	16,921.10	7,705.00	256.18	255.36	-89.96	692.45	9,624.69	2,670.59	2,159.91	510.68	5.229		
17,200.00	7,705.00	17,021.10	7,705.00	258.85	258.04	-89.96	691.14	9,724.68	2,670.69	2,154.65	516.03	5.175		
17,300.00	7,705.00	17,121.10	7,705.00	261.52	260.72	-89.96	689.83	9,824.67	2,670.79	2,149.39	521.39	5.122		
17,400.00	7,705.00	17,221.10	7,705.00	264.19	263.39	-89.96	688.52	9,924.66	2,670.89	2,144.14	526.75	5.071		
17,500.00	7,705.00	17,321.10	7,705.00	266.86	266.07	-89.96	687.21	10,024.65	2,670.99	2,138.88	532.11	5.020		
17,600.00	7,705.00	17,421.10	7,705.00	269.53	268.75	-89.96	685.91	10,124.64	2,671.08	2,133.62	537.47	4.970		
17,700.00	7,705.00	17,521.10	7,705.00	272.20	271.43	-89.96	684.60	10,224.63	2,671.18	2,128.36	542.83	4.921		
17,800.00	7,705.00	17,621.10	7,705.00	274.87	274.11	-89.96	683.29	10,324.63	2,671.28	2,123.09	548.19	4.873		
17,900.00	7,705.00	17,721.10	7,705.00	277.55	276.79	-89.96	681.98	10,424.62	2,671.38	2,117.83	553.55	4.826		
18,000.00	7,705.00	17,821.10	7,705.00	280.22	279.48	-89.96	680.67	10,524.61	2,671.48	2,112.57	558.91	4.780		
18,100.00	7,705.00	17,921.10	7,705.00	282.89	282.16	-89.96	679.36	10,624.60	2,671.58	2,107.31	564.27	4.735		
18,187.13	7,705.00	17,972.40	7,705.00	285.22	283.53	-89.96	678.69	10,675.89	2,671.91	2,104.13	567.77	4.706 SF		

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

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	1.00	1.00	0.00	0.00	0.80	20.03	0.28	20.04						
100.00	100.00	101.00	101.00	0.13	0.14	0.80	20.03	0.28	20.04	19.76	0.27	73.546	CC, ES		
200.00	199.98	200.99	200.99	0.48	0.50	-173.67	20.03	0.28	21.77	20.79	0.98	22.203			
300.00	299.84	301.74	301.72	0.84	0.84	-174.32	18.25	0.57	25.21	23.52	1.68	14.989			
400.00	399.45	402.62	402.45	1.22	1.20	-174.44	12.96	1.41	28.64	26.25	2.39	11.998			
500.00	498.70	503.62	503.05	1.62	1.57	-174.20	4.16	2.81	32.06	28.96	3.10	10.327			
600.00	597.47	604.74	603.40	2.05	1.96	-173.71	-8.15	4.78	35.47	31.64	3.83	9.261			
700.00	695.62	705.98	703.35	2.51	2.38	-173.02	-23.98	7.30	38.87	34.30	4.57	8.512			
800.00	793.06	805.77	801.62	3.00	2.82	-172.67	-41.12	10.03	44.16	38.84	5.32	8.299			
900.00	889.94	905.48	899.81	3.53	3.27	-172.74	-58.26	12.76	51.76	45.68	6.08	8.508			
1,000.00	986.81	1,005.18	997.99	4.06	3.72	-172.80	-75.40	15.50	59.42	52.57	6.85	8.679			
1,100.00	1,083.68	1,104.89	1,096.18	4.60	4.17	-172.85	-92.53	18.23	67.07	59.46	7.61	8.811			
1,200.00	1,180.55	1,204.60	1,194.36	5.15	4.63	-172.88	-109.67	20.96	74.73	66.35	8.38	8.916			
1,300.00	1,277.42	1,304.30	1,292.55	5.69	5.09	-172.91	-126.80	23.69	82.39	73.24	9.15	9.001			
1,400.00	1,374.30	1,404.01	1,390.73	6.24	5.55	-172.94	-143.94	26.42	90.05	80.12	9.93	9.071			
1,500.00	1,471.17	1,503.72	1,488.92	6.79	6.01	-172.96	-161.08	29.15	97.71	87.01	10.70	9.131			
1,600.00	1,568.04	1,603.42	1,587.10	7.34	6.47	-172.98	-178.21	31.89	105.37	93.89	11.48	9.181			
1,700.00	1,664.91	1,703.13	1,685.28	7.89	6.93	-172.99	-195.35	34.62	113.02	100.77	12.25	9.225			
1,800.00	1,761.78	1,802.83	1,783.47	8.45	7.40	-173.01	-212.49	37.35	120.68	107.65	13.03	9.263			
1,900.00	1,858.65	1,902.54	1,881.65	9.00	7.86	-173.02	-229.62	40.08	128.34	114.53	13.81	9.296			
2,000.00	1,955.52	2,002.25	1,979.84	9.55	8.32	-173.03	-246.76	42.81	136.00	121.42	14.58	9.326			
2,100.00	2,052.39	2,101.95	2,078.02	10.11	8.79	-173.04	-263.89	45.55	143.66	128.30	15.36	9.352			
2,200.00	2,149.26	2,201.66	2,176.21	10.66	9.25	-173.05	-281.03	48.28	151.31	135.18	16.14	9.375			
2,300.00	2,246.13	2,301.37	2,274.39	11.22	9.71	-173.06	-298.17	51.01	158.97	142.06	16.92	9.397			
2,400.00	2,343.01	2,401.07	2,372.58	11.77	10.18	-173.06	-315.30	53.74	166.63	148.93	17.70	9.416			
2,500.00	2,439.88	2,500.78	2,470.76	12.33	10.64	-173.07	-332.44	56.47	174.29	155.81	18.48	9.433			
2,600.00	2,536.75	2,600.49	2,568.95	12.88	11.11	-173.08	-349.57	59.21	181.95	162.69	19.25	9.449			
2,700.00	2,633.62	2,700.19	2,667.13	13.44	11.57	-173.08	-366.71	61.94	189.61	169.57	20.03	9.464			
2,800.00	2,730.49	2,799.90	2,765.32	13.99	12.04	-173.09	-383.85	64.67	197.26	176.45	20.81	9.478			
2,900.00	2,827.36	2,899.60	2,863.50	14.55	12.50	-173.09	-400.98	67.40	204.92	183.33	21.59	9.490			
3,000.00	2,924.23	3,000.69	2,961.69	15.10	12.98	-173.10	-418.12	70.13	212.58	190.20	22.38	9.499			
3,100.00	3,021.10	3,100.98	3,059.87	15.66	13.44	-173.10	-435.26	72.87	220.24	197.08	23.16	9.509			
3,200.00	3,117.97	3,201.28	3,158.06	16.21	13.91	-173.10	-452.39	75.60	227.90	203.95	23.94	9.519			
3,300.00	3,214.84	3,298.43	3,256.24	16.77	14.37	-173.11	-469.53	78.33	235.56	210.84	24.71	9.532			
3,400.00	3,311.72	3,401.86	3,354.43	17.33	14.85	-173.11	-486.66	81.06	243.21	217.71	25.51	9.535			
3,500.00	3,408.59	3,502.16	3,452.61	17.88	15.32	-173.11	-503.80	83.79	250.87	224.58	26.29	9.543			
3,600.00	3,505.46	3,602.45	3,550.79	18.44	15.79	-173.12	-520.94	86.53	258.53	231.46	27.07	9.550			
3,700.00	3,602.33	3,702.75	3,648.98	18.99	16.25	-173.12	-538.07	89.26	266.19	238.33	27.85	9.556			
3,800.00	3,699.20	3,803.04	3,747.16	19.55	16.72	-173.12	-555.21	91.99	273.85	245.21	28.64	9.563			
3,900.00	3,796.07	3,903.33	3,845.35	20.11	17.19	-173.12	-572.35	94.72	281.50	252.09	29.42	9.569			
4,000.00	3,892.94	4,003.63	3,943.53	20.66	17.66	-173.13	-589.48	97.45	289.16	258.96	30.20	9.574			
4,100.00	3,989.81	4,103.92	4,041.72	21.22	18.13	-173.13	-606.62	100.19	296.82	265.84	30.98	9.580			
4,200.00	4,086.68	4,204.21	4,139.90	21.78	18.60	-173.13	-623.75	102.92	304.48	272.71	31.77	9.585			
4,300.00	4,183.55	4,295.49	4,238.09	22.33	19.02	-173.13	-640.89	105.65	312.14	279.62	32.52	9.600			
4,400.00	4,280.43	4,404.80	4,336.27	22.89	19.53	-173.13	-658.03	108.38	319.80	286.46	33.33	9.594			
4,500.00	4,377.30	4,494.91	4,434.46	23.44	19.96	-173.14	-675.16	111.11	327.45	293.38	34.08	9.609			
4,600.00	4,474.17	4,605.39	4,532.64	24.00	20.47	-173.14	-692.30	113.84	335.11	300.21	34.90	9.602			
4,700.00	4,571.04	4,705.68	4,630.83	24.56	20.94	-173.14	-709.43	116.58	342.77	307.09	35.68	9.606			
4,800.00	4,667.91	4,805.98	4,729.01	25.11	21.41	-173.14	-726.57	119.31	350.43	313.96	36.46	9.610			
4,900.00	4,764.78	4,906.27	4,827.20	25.67	21.88	-173.14	-743.71	122.04	358.09	320.84	37.25	9.614			
5,000.00	4,861.65	4,993.44	4,925.38	26.23	22.29	-173.14	-760.84	124.77	365.75	327.76	37.98	9.630			
5,100.00	4,958.52	5,106.86	5,023.57	26.78	22.82	-173.15	-777.98	127.50	373.40	334.59	38.81	9.620			

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,200.00	5,055.39	5,207.15	5,121.75	27.34	23.28	-173.15	-795.12	130.24	381.06	341.46	39.60	9.624			
5,300.00	5,152.26	5,292.56	5,219.93	27.90	23.68	-173.15	-812.25	132.97	388.72	348.40	40.32	9.640			
5,400.00	5,249.13	5,392.26	5,318.12	28.45	24.15	-173.15	-829.39	135.70	396.38	355.27	41.10	9.643			
5,500.00	5,346.01	5,508.03	5,416.30	29.01	24.69	-173.15	-846.52	138.43	404.04	362.09	41.95	9.632			
5,600.00	5,442.88	5,608.33	5,514.49	29.57	25.16	-173.15	-863.66	141.16	411.69	368.97	42.73	9.635			
5,700.00	5,539.75	5,691.38	5,612.67	30.12	25.55	-173.15	-880.80	143.90	419.35	375.91	43.45	9.652			
5,800.00	5,636.62	5,791.09	5,710.86	30.68	26.01	-173.15	-897.93	146.63	427.01	382.78	44.23	9.655			
5,900.00	5,733.49	5,909.21	5,809.04	31.24	26.57	-173.16	-915.07	149.36	434.67	389.59	45.08	9.642			
6,000.00	5,830.36	6,009.50	5,907.23	31.79	27.04	-173.16	-932.21	152.09	442.33	396.47	45.86	9.645			
6,100.00	5,927.23	6,090.21	6,005.41	32.35	27.41	-173.16	-949.34	154.82	449.99	403.42	46.57	9.662			
6,200.00	6,024.10	6,189.91	6,103.60	32.91	27.88	-173.16	-966.48	157.56	457.64	410.29	47.35	9.665			
6,300.00	6,120.97	6,289.62	6,201.78	33.46	28.35	-173.16	-983.61	160.29	465.30	417.17	48.13	9.667			
6,400.00	6,217.84	6,389.33	6,299.97	34.02	28.81	-173.16	-1,000.75	163.02	472.96	424.05	48.91	9.669			
6,500.00	6,314.72	6,489.03	6,398.15	34.58	29.28	-173.16	-1,017.89	165.75	480.62	430.92	49.70	9.671			
6,600.00	6,411.59	6,588.74	6,496.34	35.13	29.74	-173.16	-1,035.02	168.48	488.28	437.80	50.48	9.673			
6,700.00	6,508.46	6,688.44	6,594.52	35.69	30.21	-173.16	-1,052.16	171.22	495.94	444.68	51.26	9.675			
6,800.00	6,605.33	6,788.15	6,692.71	36.25	30.68	-173.16	-1,069.30	173.95	503.59	451.56	52.04	9.677			
6,900.00	6,702.20	6,887.86	6,790.89	36.81	31.14	-173.16	-1,086.43	176.68	511.25	458.43	52.82	9.679			
7,000.00	6,799.07	6,987.56	6,889.08	37.36	31.61	-173.16	-1,103.57	179.41	518.91	465.31	53.60	9.681			
7,100.00	6,895.94	7,087.27	6,987.26	37.92	32.08	-173.16	-1,120.70	182.14	526.57	472.19	54.38	9.683			
7,200.00	6,992.81	7,186.98	7,085.44	38.48	32.54	-173.17	-1,137.84	184.87	534.23	479.06	55.16	9.685			
7,300.00	7,089.68	7,286.65	7,183.57	39.03	33.01	-173.10	-1,154.97	188.22	541.89	485.93	55.95	9.685			
7,400.00	7,186.54	7,384.41	7,278.51	39.59	33.47	-163.69	-1,171.72	203.70	549.71	492.86	56.86	9.668			
7,500.00	7,282.19	7,478.88	7,366.48	40.15	33.92	-132.62	-1,187.47	234.01	557.97	500.14	57.84	9.648			
7,600.00	7,373.82	7,570.96	7,446.34	40.71	34.36	-115.69	-1,201.99	277.27	566.33	507.51	58.82	9.628			
7,700.00	7,458.63	7,661.04	7,516.85	41.25	34.79	-105.97	-1,215.03	331.63	574.41	514.62	59.80	9.606			
7,800.00	7,534.06	7,749.45	7,577.05	41.77	35.22	-99.78	-1,226.41	395.26	581.85	521.07	60.78	9.573			
7,900.00	7,597.82	7,836.54	7,626.20	42.29	35.66	-95.62	-1,235.97	466.41	588.31	526.48	61.82	9.516			
8,000.00	7,647.96	7,922.61	7,663.78	42.80	36.14	-92.80	-1,243.59	543.38	593.49	530.51	62.98	9.423			
8,100.00	7,682.96	8,007.95	7,689.41	43.34	36.67	-91.01	-1,249.20	624.50	597.19	532.87	64.32	9.285			
8,200.00	7,701.75	8,092.82	7,702.84	43.90	37.28	-90.08	-1,252.71	708.15	599.22	533.35	65.87	9.097			
8,300.00	7,705.00	8,183.76	7,705.00	44.51	38.02	-89.90	-1,254.37	799.01	599.61	531.69	67.92	8.828			
8,400.00	7,705.00	8,283.76	7,705.00	45.23	39.00	-89.90	-1,255.77	899.00	599.61	528.93	70.68	8.483			
8,500.00	7,705.00	8,383.76	7,705.00	46.08	40.16	-89.90	-1,257.18	998.99	599.61	525.88	73.73	8.133			
8,600.00	7,705.00	8,483.76	7,705.00	47.08	41.49	-89.90	-1,258.58	1,098.98	599.61	522.58	77.03	7.784			
8,700.00	7,705.00	8,583.76	7,705.00	48.22	42.98	-89.90	-1,259.99	1,198.97	599.62	519.05	80.56	7.443			
8,800.00	7,705.00	8,683.76	7,705.00	49.50	44.60	-89.90	-1,261.40	1,298.96	599.62	515.33	84.29	7.114			
8,900.00	7,705.00	8,783.76	7,705.00	50.91	46.34	-89.90	-1,262.80	1,398.96	599.62	511.43	88.19	6.799			
9,000.00	7,705.00	8,883.76	7,705.00	52.45	48.19	-89.90	-1,264.21	1,498.95	599.63	507.39	92.24	6.501			
9,100.00	7,705.00	8,983.76	7,705.00	54.11	50.12	-89.90	-1,265.61	1,598.94	599.63	503.21	96.42	6.219			
9,200.00	7,705.00	9,083.76	7,705.00	55.87	52.14	-89.90	-1,267.02	1,698.93	599.63	498.91	100.72	5.953			
9,300.00	7,705.00	9,183.76	7,705.00	57.72	54.22	-89.90	-1,268.43	1,798.92	599.63	494.52	105.12	5.704			
9,400.00	7,705.00	9,283.76	7,705.00	59.65	56.36	-89.90	-1,269.83	1,898.91	599.64	490.03	109.60	5.471			
9,500.00	7,705.00	9,383.76	7,705.00	61.66	58.55	-89.90	-1,271.24	1,998.90	599.64	485.47	114.17	5.252			
9,600.00	7,705.00	9,483.76	7,705.00	63.73	60.78	-89.90	-1,272.65	2,098.89	599.64	480.84	118.80	5.047			
9,700.00	7,705.00	9,583.76	7,705.00	65.85	63.06	-89.90	-1,274.05	2,198.88	599.65	476.15	123.50	4.855			
9,800.00	7,705.00	9,683.76	7,705.00	68.02	65.37	-89.90	-1,275.46	2,298.87	599.65	471.40	128.25	4.676			
9,900.00	7,705.00	9,783.76	7,705.00	70.23	67.71	-89.90	-1,276.86	2,398.86	599.65	466.60	133.05	4.507			
10,000.00	7,705.00	9,883.76	7,705.00	72.48	70.07	-89.90	-1,278.27	2,498.85	599.65	461.76	137.90	4.349			
10,100.00	7,705.00	9,983.76	7,705.00	74.77	72.46	-89.90	-1,279.68	2,598.84	599.66	456.88	142.78	4.200			
10,200.00	7,705.00	10,083.76	7,705.00	77.09	74.88	-89.90	-1,281.08	2,698.83	599.66	451.96	147.70	4.060			
10,300.00	7,705.00	10,183.76	7,705.00	79.43	77.31	-89.90	-1,282.49	2,798.82	599.66	447.02	152.65	3.928			

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

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,705.00	10,283.76	7,705.00	81.80	79.76	-89.90	-1,283.89	2,898.81	599.67	442.04	157.63	3.804		
10,500.00	7,705.00	10,383.76	7,705.00	84.19	82.23	-89.90	-1,285.30	2,998.80	599.67	437.04	162.63	3.687		
10,600.00	7,705.00	10,483.76	7,705.00	86.60	84.71	-89.90	-1,286.71	3,098.79	599.67	432.01	167.66	3.577		
10,700.00	7,705.00	10,583.76	7,705.00	89.03	87.20	-89.90	-1,288.11	3,198.78	599.67	426.96	172.71	3.472		
10,800.00	7,705.00	10,683.76	7,705.00	91.47	89.71	-89.90	-1,289.52	3,298.77	599.68	421.89	177.79	3.373		
10,900.00	7,705.00	10,783.76	7,705.00	93.93	92.23	-89.90	-1,290.93	3,398.76	599.68	416.80	182.88	3.279		
11,000.00	7,705.00	10,883.76	7,705.00	96.41	94.76	-89.90	-1,292.33	3,498.75	599.68	411.70	187.98	3.190		
11,100.00	7,705.00	10,983.76	7,705.00	98.89	97.29	-89.90	-1,293.74	3,598.74	599.69	406.58	193.10	3.105		
11,200.00	7,705.00	11,083.76	7,705.00	101.39	99.84	-89.90	-1,295.14	3,698.73	599.69	401.45	198.24	3.025		
11,300.00	7,705.00	11,183.76	7,705.00	103.90	102.39	-89.90	-1,296.55	3,798.72	599.69	396.30	203.39	2.948		
11,400.00	7,705.00	11,283.76	7,705.00	106.42	104.95	-89.90	-1,297.96	3,898.71	599.69	391.14	208.55	2.875		
11,500.00	7,705.00	11,383.76	7,705.00	108.95	107.52	-89.90	-1,299.36	3,998.70	599.70	385.97	213.73	2.806		
11,600.00	7,705.00	11,483.76	7,705.00	111.48	110.10	-89.90	-1,300.77	4,098.69	599.70	380.79	218.91	2.739		
11,700.00	7,705.00	11,583.76	7,705.00	114.03	112.68	-89.90	-1,302.17	4,198.68	599.70	375.60	224.11	2.676		
11,800.00	7,705.00	11,683.76	7,705.00	116.58	115.26	-89.90	-1,303.58	4,298.67	599.71	370.40	229.31	2.615		
11,900.00	7,705.00	11,783.76	7,705.00	119.14	117.85	-89.90	-1,304.99	4,398.66	599.71	365.19	234.52	2.557		
12,000.00	7,705.00	11,883.76	7,705.00	121.70	120.45	-89.90	-1,306.39	4,498.65	599.71	359.97	239.74	2.502		
12,100.00	7,705.00	11,983.76	7,705.00	124.27	123.05	-89.90	-1,307.80	4,598.64	599.71	354.75	244.97	2.448		
12,200.00	7,705.00	12,083.76	7,705.00	126.85	125.65	-89.90	-1,309.21	4,698.63	599.72	349.52	250.20	2.397		
12,300.00	7,705.00	12,183.76	7,705.00	129.43	128.26	-89.90	-1,310.61	4,798.62	599.72	344.28	255.44	2.348		
12,400.00	7,705.00	12,283.76	7,705.00	132.01	130.87	-89.90	-1,312.02	4,898.61	599.72	339.03	260.69	2.301		
12,500.00	7,705.00	12,383.76	7,705.00	134.60	133.49	-89.90	-1,313.42	4,998.60	599.73	333.78	265.94	2.255		
12,600.00	7,705.00	12,483.76	7,705.00	137.20	136.10	-89.90	-1,314.83	5,098.59	599.73	328.53	271.20	2.211		
12,700.00	7,705.00	12,583.76	7,705.00	139.80	138.73	-89.90	-1,316.24	5,198.58	599.73	323.27	276.46	2.169		
12,800.00	7,705.00	12,683.76	7,705.00	142.40	141.35	-89.90	-1,317.64	5,298.57	599.73	318.00	281.73	2.129		
12,900.00	7,705.00	12,783.76	7,705.00	145.00	143.98	-89.90	-1,319.05	5,398.56	599.74	312.73	287.00	2.090		
13,000.00	7,705.00	12,883.76	7,705.00	147.61	146.61	-89.90	-1,320.45	5,498.55	599.74	307.46	292.28	2.052		
13,100.00	7,705.00	12,983.76	7,705.00	150.23	149.24	-89.90	-1,321.86	5,598.54	599.74	302.18	297.56	2.016		
13,200.00	7,705.00	13,083.76	7,705.00	152.84	151.87	-89.90	-1,323.27	5,698.53	599.75	296.90	302.85	1.980		
13,300.00	7,705.00	13,183.76	7,705.00	155.46	154.51	-89.90	-1,324.67	5,798.52	599.75	291.61	308.14	1.946		
13,400.00	7,705.00	13,283.76	7,705.00	158.08	157.15	-89.90	-1,326.08	5,898.51	599.75	286.32	313.43	1.914		
13,500.00	7,705.00	13,383.76	7,705.00	160.70	159.79	-89.90	-1,327.49	5,998.50	599.75	281.03	318.73	1.882		
13,600.00	7,705.00	13,483.76	7,705.00	163.33	162.43	-89.90	-1,328.89	6,098.49	599.76	275.73	324.02	1.851		
13,700.00	7,705.00	13,583.76	7,705.00	165.96	165.07	-89.90	-1,330.30	6,198.48	599.76	270.43	329.33	1.821		
13,800.00	7,705.00	13,683.76	7,705.00	168.59	167.72	-89.90	-1,331.70	6,298.47	599.76	265.13	334.63	1.792		
13,900.00	7,705.00	13,783.76	7,705.00	171.22	170.37	-89.90	-1,333.11	6,398.46	599.77	259.83	339.94	1.764		
14,000.00	7,705.00	13,883.76	7,705.00	173.86	173.01	-89.90	-1,334.52	6,498.45	599.77	254.52	345.25	1.737		
14,100.00	7,705.00	13,983.76	7,705.00	176.49	175.66	-89.90	-1,335.92	6,598.44	599.77	249.21	350.56	1.711		
14,200.00	7,705.00	14,083.76	7,705.00	179.13	178.32	-89.90	-1,337.33	6,698.43	599.77	243.90	355.88	1.685		
14,300.00	7,705.00	14,183.76	7,705.00	181.77	180.97	-89.90	-1,338.74	6,798.42	599.78	238.58	361.20	1.661		
14,400.00	7,705.00	14,283.76	7,705.00	184.41	183.62	-89.90	-1,340.14	6,898.41	599.78	233.26	366.52	1.636		
14,500.00	7,705.00	14,383.76	7,705.00	187.06	186.28	-89.90	-1,341.55	6,998.40	599.78	227.95	371.84	1.613		
14,600.00	7,705.00	14,483.76	7,705.00	189.70	188.94	-89.90	-1,342.95	7,098.39	599.79	222.62	377.16	1.590		
14,700.00	7,705.00	14,583.76	7,705.00	192.35	191.59	-89.90	-1,344.36	7,198.38	599.79	217.30	382.49	1.568		
14,800.00	7,705.00	14,683.76	7,705.00	194.99	194.25	-89.90	-1,345.77	7,298.37	599.79	211.98	387.81	1.547		
14,900.00	7,705.00	14,783.76	7,705.00	197.64	196.91	-89.90	-1,347.17	7,398.36	599.79	206.65	393.14	1.526		
15,000.00	7,705.00	14,883.76	7,705.00	200.29	199.57	-89.90	-1,348.58	7,498.35	599.80	201.32	398.47	1.505		
15,100.00	7,705.00	14,983.76	7,705.00	202.95	202.23	-89.90	-1,349.98	7,598.34	599.80	195.99	403.81	1.485 Level 3		
15,200.00	7,705.00	15,083.76	7,705.00	205.60	204.90	-89.90	-1,351.39	7,698.33	599.80	190.66	409.14	1.466 Level 3		
15,300.00	7,705.00	15,183.76	7,705.00	208.25	207.56	-89.90	-1,352.80	7,798.32	599.80	185.33	414.48	1.447 Level 3		
15,400.00	7,705.00	15,283.76	7,705.00	210.91	210.22	-89.90	-1,354.20	7,898.31	599.81	179.99	419.81	1.429 Level 3		
15,500.00	7,705.00	15,383.76	7,705.00	213.56	212.89	-89.90	-1,355.61	7,998.30	599.81	174.66	425.15	1.411 Level 3		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

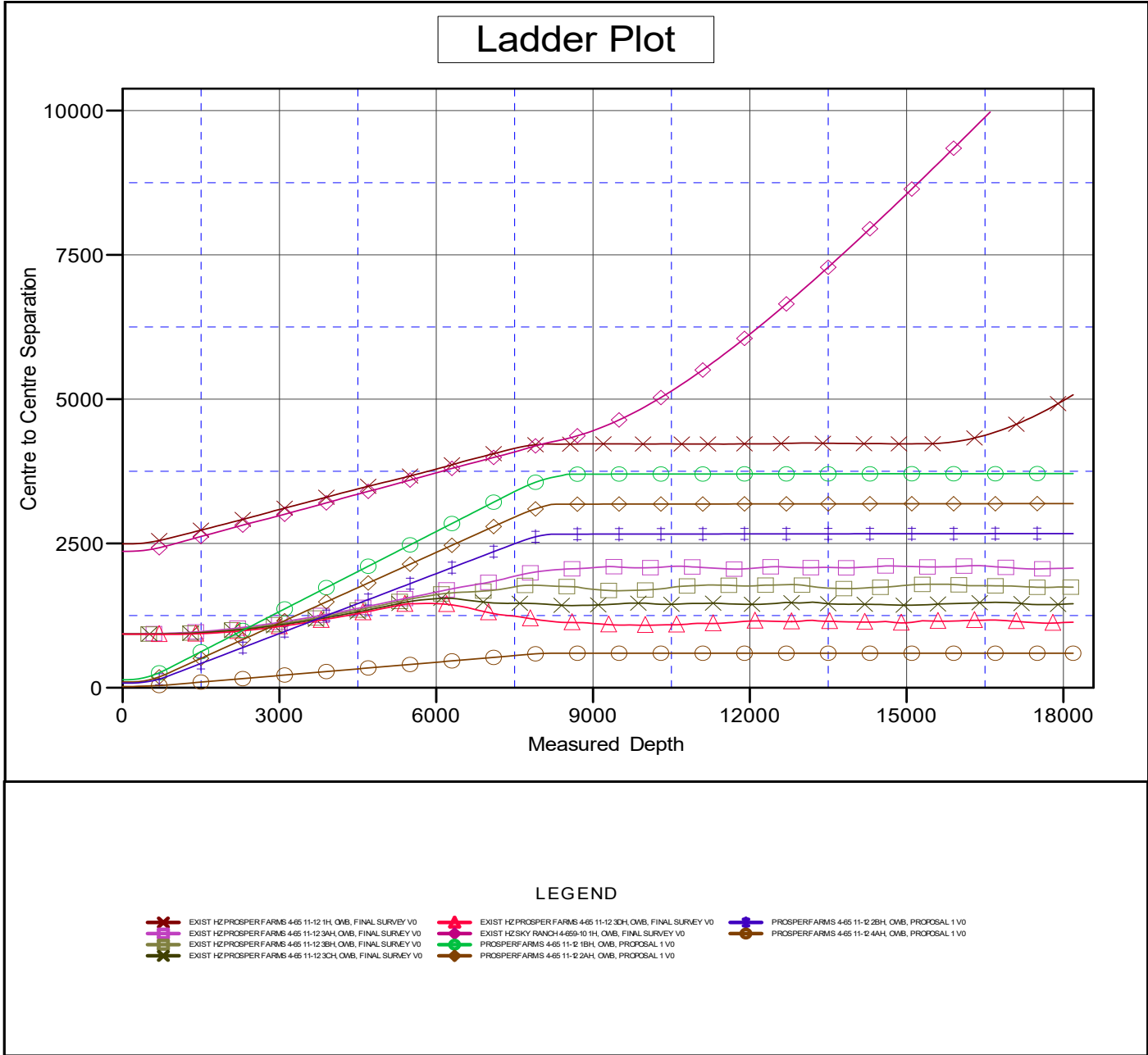
Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	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	7,705.00	15,483.76	7,705.00	216.22	215.56	-89.90	-1,357.02	8,098.29	599.81	169.32	430.49	1.393	Level 3		
15,700.00	7,705.00	15,583.76	7,705.00	218.88	218.22	-89.90	-1,358.42	8,198.28	599.82	163.98	435.83	1.376	Level 3		
15,800.00	7,705.00	15,683.76	7,705.00	221.54	220.89	-89.90	-1,359.83	8,298.27	599.82	158.64	441.18	1.360	Level 3		
15,900.00	7,705.00	15,783.76	7,705.00	224.20	223.56	-89.90	-1,361.23	8,398.26	599.82	153.30	446.52	1.343	Level 3		
16,000.00	7,705.00	15,883.76	7,705.00	226.86	226.23	-89.90	-1,362.64	8,498.25	599.82	147.96	451.87	1.327	Level 3		
16,100.00	7,705.00	15,983.76	7,705.00	229.52	228.90	-89.90	-1,364.05	8,598.24	599.83	142.62	457.21	1.312	Level 3		
16,200.00	7,705.00	16,083.76	7,705.00	232.18	231.57	-89.90	-1,365.45	8,698.23	599.83	137.27	462.56	1.297	Level 3		
16,300.00	7,705.00	16,183.76	7,705.00	234.85	234.24	-89.90	-1,366.86	8,798.22	599.83	131.93	467.91	1.282	Level 3		
16,400.00	7,705.00	16,283.76	7,705.00	237.51	236.91	-89.90	-1,368.26	8,898.21	599.84	126.58	473.26	1.267	Level 3		
16,500.00	7,705.00	16,383.76	7,705.00	240.17	239.58	-89.90	-1,369.67	8,998.20	599.84	121.23	478.61	1.253	Level 3		
16,600.00	7,705.00	16,483.76	7,705.00	242.84	242.25	-89.90	-1,371.08	9,098.19	599.84	115.89	483.96	1.239	Level 2		
16,700.00	7,705.00	16,583.76	7,705.00	245.51	244.93	-89.90	-1,372.48	9,198.18	599.84	110.54	489.31	1.226	Level 2		
16,800.00	7,705.00	16,683.76	7,705.00	248.17	247.60	-89.90	-1,373.89	9,298.17	599.85	105.19	494.66	1.213	Level 2		
16,900.00	7,705.00	16,783.76	7,705.00	250.84	250.27	-89.90	-1,375.30	9,398.16	599.85	99.84	500.01	1.200	Level 2		
17,000.00	7,705.00	16,883.76	7,705.00	253.51	252.95	-89.90	-1,376.70	9,498.15	599.85	94.48	505.37	1.187	Level 2		
17,100.00	7,705.00	16,983.76	7,705.00	256.18	255.62	-89.90	-1,378.11	9,598.14	599.86	89.13	510.72	1.175	Level 2		
17,200.00	7,705.00	17,083.76	7,705.00	258.85	258.30	-89.90	-1,379.51	9,698.13	599.86	83.78	516.08	1.162	Level 2		
17,300.00	7,705.00	17,183.76	7,705.00	261.52	260.97	-89.90	-1,380.92	9,798.12	599.86	78.42	521.44	1.150	Level 2		
17,400.00	7,705.00	17,283.76	7,705.00	264.19	263.65	-89.90	-1,382.33	9,898.11	599.86	73.07	526.79	1.139	Level 2		
17,500.00	7,705.00	17,383.76	7,705.00	266.86	266.33	-89.90	-1,383.73	9,998.10	599.87	67.71	532.15	1.127	Level 2		
17,600.00	7,705.00	17,483.76	7,705.00	269.53	269.00	-89.90	-1,385.14	10,098.10	599.87	62.36	537.51	1.116	Level 2		
17,700.00	7,705.00	17,583.76	7,705.00	272.20	271.68	-89.90	-1,386.54	10,198.09	599.87	57.00	542.87	1.105	Level 2		
17,800.00	7,705.00	17,683.76	7,705.00	274.87	274.36	-89.90	-1,387.95	10,298.08	599.88	51.64	548.23	1.094	Level 2		
17,900.00	7,705.00	17,783.76	7,705.00	277.55	277.04	-89.90	-1,389.36	10,398.07	599.88	46.29	553.59	1.084	Level 2		
18,000.00	7,705.00	17,883.76	7,705.00	280.22	279.71	-89.90	-1,390.76	10,498.06	599.88	40.93	558.95	1.073	Level 2		
18,100.00	7,705.00	17,983.76	7,705.00	282.89	282.39	-89.90	-1,392.17	10,598.05	599.88	35.57	564.32	1.063	Level 2		
18,106.36	7,705.00	17,990.13	7,705.00	283.06	282.56	-89.90	-1,392.26	10,604.41	599.88	35.23	564.66	1.062	Level 2		
18,187.13	7,705.00	18,062.20	7,705.00	285.22	284.49	-89.90	-1,393.27	10,676.48	599.95	31.72	568.23	1.056	Level 2, SF		

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

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB 25' @ 5707.00usft	Coordinates are relative to: PROSPER FARMS 4-65 11-12 4BH
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Central Zone
Central Meridian is 105.500000°W	Grid Convergence at Surface is: 0.54°



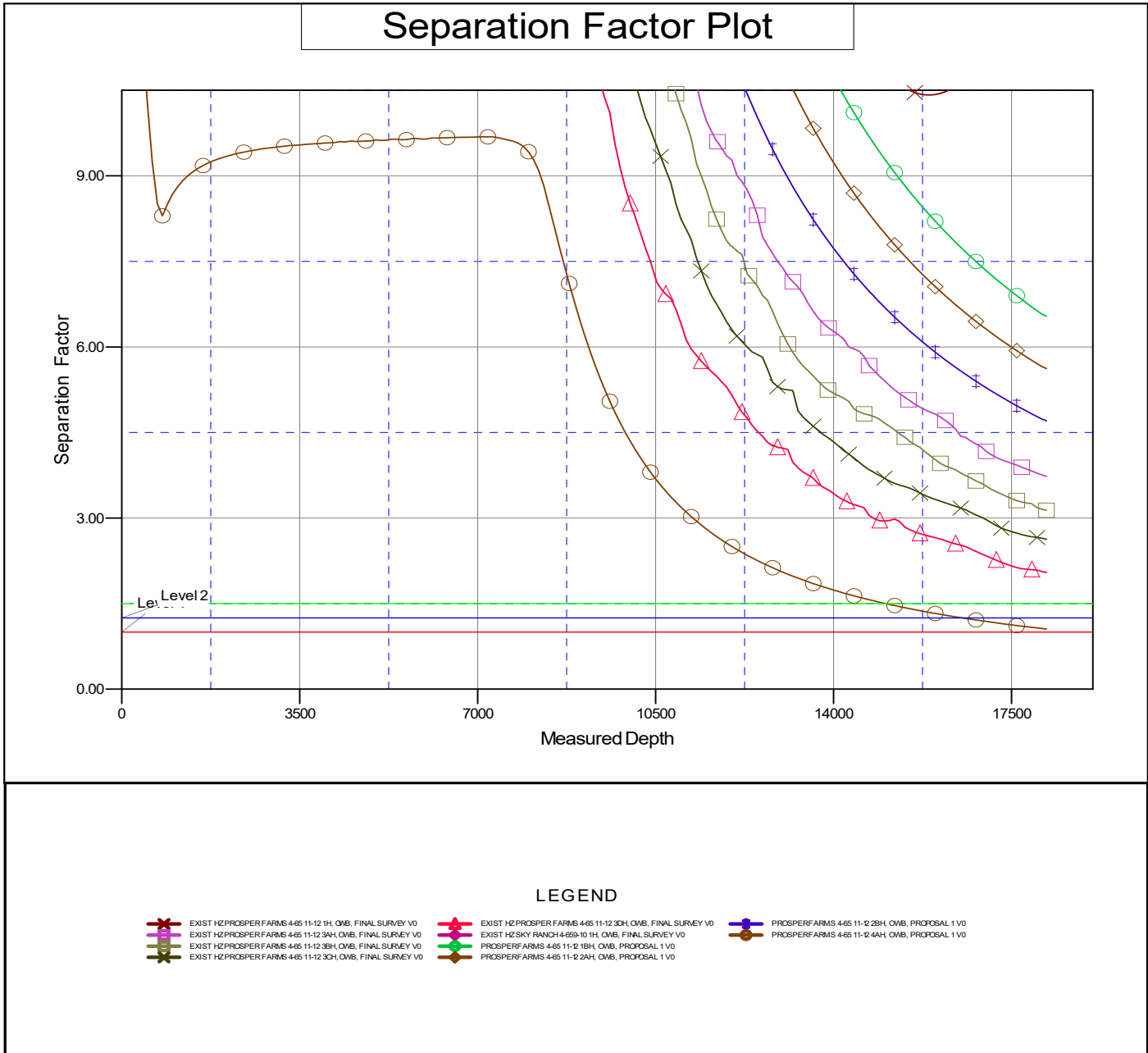
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 11-12 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5707.00usft
<b>Reference Site:</b>	SEC 10-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5707.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 11-12 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB 25' @ 5707.00usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 11-12 4BH  
 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