

# **CRESTONE PEAK RESOURCES**

**ARAPAHOE COUNTY**

**SEC 15-T4S-R65W**

**PROSPER FARMS 4-65 14-13 4BH**

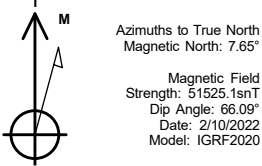
**OWB**

**Plan: PROPOSAL 1**

## **Standard Planning Report**

**11 February, 2022**

Project: ARAPAHOE COUNTY  
Site: SEC 15-T4S-R65W  
Well: PROSPER FARMS 4-65 14-13 4BH  
Wellbore: OWB  
Design: PROPOSAL 1



WELL DETAILS: PROSPER FARMS 4-65 14-13 4BH

	+N/-S	+E/-W	Northing	Easting	5693.30 Latitude	Longitude	Slot
	0.00	0.00	1683205.33	3241111.36	39.706078°N	104.643032°W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	
3	1421.41	23.43	172.69	1389.04	-234.26	30.04	2.00	172.69	107.79	
4	8029.56	23.43	172.69	7452.40	-2840.33	364.25	0.00	0.00	1306.97	
5	8898.07	90.00	90.63	7950.00	-3060.19	933.95	10.00	-82.71	1917.47	LP-PF 4-65
6	16680.54	90.00	90.63	7950.00	-3146.14	8715.93	0.00	0.00	9266.37	PBHL-PF 4

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	Start Build 2.00
1421.41	23.43	172.69	1389.04	-234.26	30.04	107.79	236.18	Start 6608.15 hold at 1421.41 MD
8029.56	23.43	172.69	7452.40	-2840.33	364.25	1306.97	2863.59	Start DLS 10.00 TFO -82.71
8898.07	90.00	90.63	7950.00	-3060.19	933.95	1917.47	3508.78	Start 7782.46 hold at 8898.07 MD
16680.54	90.00	90.63	7950.00	-3146.14	8715.93	9266.37	11291.25	TD at 16680.54

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
LP-PF 4-65 4BH - plan hits target center	7950.00	-3060.19	933.95	1680154.12	3242074.12	39.697677°N	104.639713°W	Point
PBHL-PF 4-65 4BH - plan hits target center	7950.00	-3146.14	8715.93	1680141.58	3249856.51	39.697437°N	104.612058°W	Point

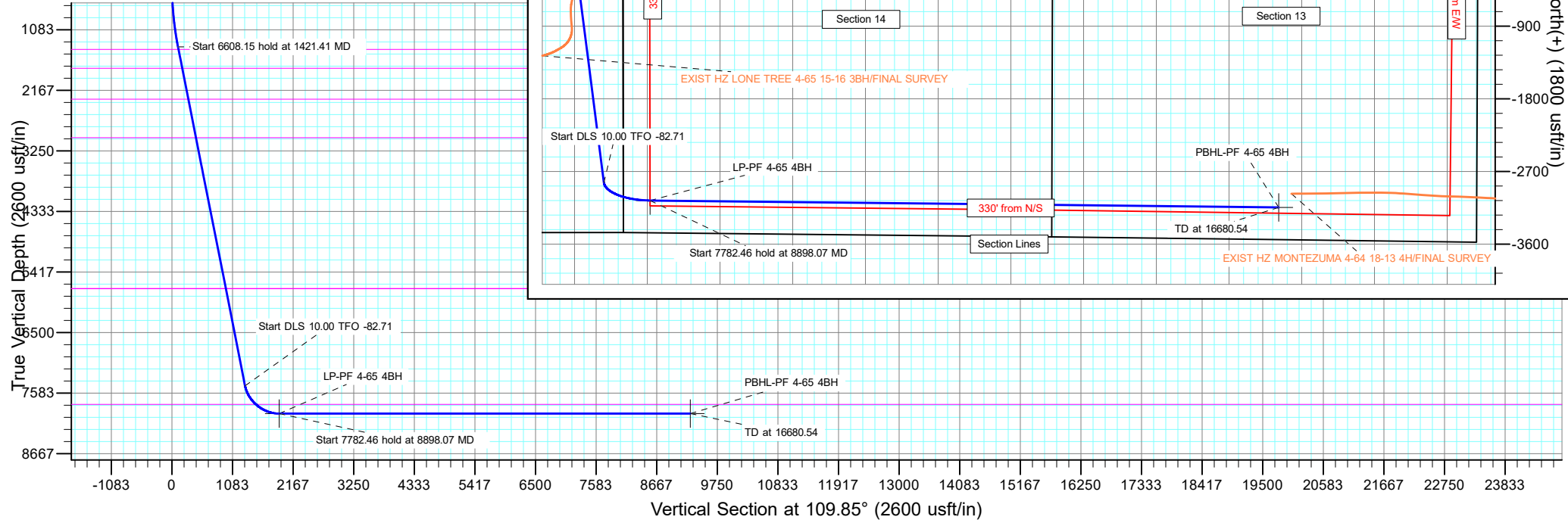
PROJECT DETAILS: ARAPAHOE COUNTY

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

SHL:  
1844' FNL, 600' FEL  
Sec 15-T4S-R65W

LP:  
400' FSL, 330' FWL  
Sec 14-T4S-R65W

BHL:  
400' FSL, 2450' FEL  
Sec 13-T4S-R65W



## Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site:</b>	SEC 15-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 14-13 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

Site		SEC 15-T4S-R65W			
Site Position:		Northing:	1,685,061.36 usft	Latitude:	39.711158°N
From:	Lat/Long	Easting:	3,241,690.88 usft	Longitude:	104.640910°W
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.54 °

Well	PROSPER FARMS 4-65 14-13 4BH					
Well Position	+N/-S	-1,850.48 usft	Northing:	1,683,205.33 usft	Latitude:	39.706078°N
	+E/-W	-597.05 usft	Easting:	3,241,111.36 usft	Longitude:	104.643032°W
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	5,693.30 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	2/10/2022	7.65	66.09	51,525.13439282

Design	PROPOSAL 1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	109.85

<b>Plan Survey Tool Program</b>	<b>Date</b>	2/11/2022			
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>	
1	0.00	16,680.54	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	
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,421.41	23.43	172.69	1,389.04	-234.26	30.04	2.00	2.00	0.00	172.69	
8,029.56	23.43	172.69	7,452.40	-2,840.33	364.25	0.00	0.00	0.00	0.00	
8,898.08	90.00	90.63	7,950.00	-3,060.19	933.95	10.00	7.67	-9.45	-82.71	LP-PF 4-65 4BH
16,680.54	90.00	90.63	7,950.00	-3,146.14	8,715.93	0.00	0.00	0.00	0.00	PBHL-PF 4-65 4BH

# Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site:</b>	SEC 15-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 14-13 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
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
250.00	0.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
300.00	1.00	172.69	300.00	-0.43	0.06	0.20	2.00	2.00	0.00
400.00	3.00	172.69	399.93	-3.89	0.50	1.79	2.00	2.00	0.00
500.00	5.00	172.69	499.68	-10.81	1.39	4.98	2.00	2.00	0.00
600.00	7.00	172.69	599.13	-21.18	2.72	9.75	2.00	2.00	0.00
700.00	9.00	172.69	698.15	-34.98	4.49	16.10	2.00	2.00	0.00
800.00	11.00	172.69	796.63	-52.21	6.70	24.02	2.00	2.00	0.00
900.00	13.00	172.69	894.44	-72.83	9.34	33.51	2.00	2.00	0.00
1,000.00	15.00	172.69	991.46	-96.82	12.42	44.55	2.00	2.00	0.00
1,100.00	17.00	172.69	1,087.58	-124.16	15.92	57.13	2.00	2.00	0.00
1,200.00	19.00	172.69	1,182.68	-154.81	19.85	71.24	2.00	2.00	0.00
1,300.00	21.00	172.69	1,276.65	-188.73	24.20	86.84	2.00	2.00	0.00
1,400.00	23.00	172.69	1,369.36	-225.89	28.97	103.94	2.00	2.00	0.00
1,421.41	23.43	172.69	1,389.04	-234.26	30.04	107.79	2.00	2.00	0.00
Start 6608.15 hold at 1421.41 MD									
1,470.41	23.43	172.69	1,434.00	-253.58	32.52	116.69	0.00	0.00	0.00
Laramie									
1,500.00	23.43	172.69	1,461.15	-265.25	34.02	122.05	0.00	0.00	0.00
1,600.00	23.43	172.69	1,552.91	-304.69	39.07	140.20	0.00	0.00	0.00
1,700.00	23.43	172.69	1,644.66	-344.13	44.13	158.35	0.00	0.00	0.00
1,800.00	23.43	172.69	1,736.42	-383.56	49.19	176.50	0.00	0.00	0.00
1,838.78	23.43	172.69	1,772.00	-398.86	51.15	183.53	0.00	0.00	0.00
Fox Hills									
1,900.00	23.43	172.69	1,828.17	-423.00	54.25	194.64	0.00	0.00	0.00
2,000.00	23.43	172.69	1,919.93	-462.44	59.30	212.79	0.00	0.00	0.00
2,100.00	23.43	172.69	2,011.68	-501.87	64.36	230.94	0.00	0.00	0.00
2,200.00	23.43	172.69	2,103.44	-541.31	69.42	249.08	0.00	0.00	0.00
2,300.00	23.43	172.69	2,195.20	-580.75	74.48	267.23	0.00	0.00	0.00
2,400.00	23.43	172.69	2,286.95	-620.19	79.53	285.38	0.00	0.00	0.00
2,441.47	23.43	172.69	2,325.00	-636.54	81.63	292.90	0.00	0.00	0.00
Upper Pierre aquifer									
2,500.00	23.43	172.69	2,378.71	-659.62	84.59	303.52	0.00	0.00	0.00
2,600.00	23.43	172.69	2,470.46	-699.06	89.65	321.67	0.00	0.00	0.00
2,700.00	23.43	172.69	2,562.22	-738.50	94.71	339.82	0.00	0.00	0.00
2,800.00	23.43	172.69	2,653.98	-777.93	99.76	357.96	0.00	0.00	0.00
2,900.00	23.43	172.69	2,745.73	-817.37	104.82	376.11	0.00	0.00	0.00
3,000.00	23.43	172.69	2,837.49	-856.81	109.88	394.26	0.00	0.00	0.00
3,100.00	23.43	172.69	2,929.24	-896.25	114.94	412.40	0.00	0.00	0.00
3,191.28	23.43	172.69	3,013.00	-932.25	119.55	428.97	0.00	0.00	0.00
Base of Upper Pierre aquifer									
3,200.00	23.43	172.69	3,021.00	-935.68	119.99	430.55	0.00	0.00	0.00
3,300.00	23.43	172.69	3,112.75	-975.12	125.05	448.70	0.00	0.00	0.00
3,400.00	23.43	172.69	3,204.51	-1,014.56	130.11	466.85	0.00	0.00	0.00
3,500.00	23.43	172.69	3,296.27	-1,054.00	135.17	484.99	0.00	0.00	0.00
3,600.00	23.43	172.69	3,388.02	-1,093.43	140.22	503.14	0.00	0.00	0.00
3,700.00	23.43	172.69	3,479.78	-1,132.87	145.28	521.29	0.00	0.00	0.00
3,800.00	23.43	172.69	3,571.53	-1,172.31	150.34	539.43	0.00	0.00	0.00
3,900.00	23.43	172.69	3,663.29	-1,211.74	155.40	557.58	0.00	0.00	0.00
4,000.00	23.43	172.69	3,755.05	-1,251.18	160.45	575.73	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 14-13 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site:</b>	SEC 15-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 14-13 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)
4,100.00	23.43	172.69	3,846.80	-1,290.62	165.51	593.87	0.00	0.00	0.00
4,200.00	23.43	172.69	3,938.56	-1,330.06	170.57	612.02	0.00	0.00	0.00
4,300.00	23.43	172.69	4,030.31	-1,369.49	175.63	630.17	0.00	0.00	0.00
4,400.00	23.43	172.69	4,122.07	-1,408.93	180.68	648.31	0.00	0.00	0.00
4,500.00	23.43	172.69	4,213.82	-1,448.37	185.74	666.46	0.00	0.00	0.00
4,600.00	23.43	172.69	4,305.58	-1,487.80	190.80	684.61	0.00	0.00	0.00
4,700.00	23.43	172.69	4,397.34	-1,527.24	195.86	702.75	0.00	0.00	0.00
4,800.00	23.43	172.69	4,489.09	-1,566.68	200.91	720.90	0.00	0.00	0.00
4,900.00	23.43	172.69	4,580.85	-1,606.12	205.97	739.05	0.00	0.00	0.00
5,000.00	23.43	172.69	4,672.60	-1,645.55	211.03	757.20	0.00	0.00	0.00
5,100.00	23.43	172.69	4,764.36	-1,684.99	216.09	775.34	0.00	0.00	0.00
5,200.00	23.43	172.69	4,856.12	-1,724.43	221.14	793.49	0.00	0.00	0.00
5,300.00	23.43	172.69	4,947.87	-1,763.86	226.20	811.64	0.00	0.00	0.00
5,400.00	23.43	172.69	5,039.63	-1,803.30	231.26	829.78	0.00	0.00	0.00
5,500.00	23.43	172.69	5,131.38	-1,842.74	236.32	847.93	0.00	0.00	0.00
5,600.00	23.43	172.69	5,223.14	-1,882.18	241.37	866.08	0.00	0.00	0.00
5,700.00	23.43	172.69	5,314.89	-1,921.61	246.43	884.22	0.00	0.00	0.00
5,800.00	23.43	172.69	5,406.65	-1,961.05	251.49	902.37	0.00	0.00	0.00
5,900.00	23.43	172.69	5,498.41	-2,000.49	256.55	920.52	0.00	0.00	0.00
6,000.00	23.43	172.69	5,590.16	-2,039.92	261.60	938.66	0.00	0.00	0.00
6,100.00	23.43	172.69	5,681.92	-2,079.36	266.66	956.81	0.00	0.00	0.00
6,137.15	23.43	172.69	5,716.00	-2,094.01	268.54	963.55	0.00	0.00	0.00
Terry ("Sussex") - Hygiene ("Shannon") - Mitten - Mitten Marker 1 - Teepee Buttes - Mitten Marker 2 - Sharon Springs									
6,200.00	23.43	172.69	5,773.67	-2,118.80	271.72	974.96	0.00	0.00	0.00
6,300.00	23.43	172.69	5,865.43	-2,158.24	276.78	993.10	0.00	0.00	0.00
6,400.00	23.43	172.69	5,957.18	-2,197.67	281.83	1,011.25	0.00	0.00	0.00
6,500.00	23.43	172.69	6,048.94	-2,237.11	286.89	1,029.40	0.00	0.00	0.00
6,600.00	23.43	172.69	6,140.70	-2,276.55	291.95	1,047.55	0.00	0.00	0.00
6,700.00	23.43	172.69	6,232.45	-2,315.98	297.01	1,065.69	0.00	0.00	0.00
6,800.00	23.43	172.69	6,324.21	-2,355.42	302.06	1,083.84	0.00	0.00	0.00
6,900.00	23.43	172.69	6,415.96	-2,394.86	307.12	1,101.99	0.00	0.00	0.00
7,000.00	23.43	172.69	6,507.72	-2,434.30	312.18	1,120.13	0.00	0.00	0.00
7,100.00	23.43	172.69	6,599.48	-2,473.73	317.24	1,138.28	0.00	0.00	0.00
7,200.00	23.43	172.69	6,691.23	-2,513.17	322.29	1,156.43	0.00	0.00	0.00
7,300.00	23.43	172.69	6,782.99	-2,552.61	327.35	1,174.57	0.00	0.00	0.00
7,400.00	23.43	172.69	6,874.74	-2,592.05	332.41	1,192.72	0.00	0.00	0.00
7,500.00	23.43	172.69	6,966.50	-2,631.48	337.47	1,210.87	0.00	0.00	0.00
7,600.00	23.43	172.69	7,058.25	-2,670.92	342.52	1,229.01	0.00	0.00	0.00
7,700.00	23.43	172.69	7,150.01	-2,710.36	347.58	1,247.16	0.00	0.00	0.00
7,800.00	23.43	172.69	7,241.77	-2,749.79	352.64	1,265.31	0.00	0.00	0.00
7,900.00	23.43	172.69	7,333.52	-2,789.23	357.70	1,283.45	0.00	0.00	0.00
8,000.00	23.43	172.69	7,425.28	-2,828.67	362.75	1,301.60	0.00	0.00	0.00
8,029.56	23.43	172.69	7,452.40	-2,840.33	364.25	1,306.97	0.00	0.00	0.00
Start DLS 10.00 TFO -82.71									
8,050.00	23.77	167.66	7,471.13	-2,848.38	365.65	1,311.02	10.00	1.67	-24.64
8,100.00	25.25	156.13	7,516.65	-2,867.99	372.12	1,323.76	10.00	2.96	-23.06
8,150.00	27.52	146.08	7,561.46	-2,887.34	382.89	1,340.46	10.00	4.54	-20.08
8,200.00	30.41	137.63	7,605.22	-2,906.29	397.87	1,360.99	10.00	5.77	-16.90
8,250.00	33.74	130.61	7,647.60	-2,924.69	416.95	1,385.18	10.00	6.67	-14.05
8,300.00	37.41	124.76	7,688.27	-2,942.40	439.99	1,412.86	10.00	7.34	-11.69
8,350.00	41.32	119.85	7,726.93	-2,959.28	466.80	1,443.82	10.00	7.82	-9.83
8,400.00	45.42	115.66	7,763.27	-2,975.22	497.19	1,477.81	10.00	8.18	-8.38
8,431.71	48.08	113.30	7,785.00	-2,984.78	518.21	1,500.82	10.00	8.41	-7.44

# Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site:</b>	SEC 15-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 14-13 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)
<b>Niobrara</b>									
8,450.00	49.64	112.03	7,797.04	-2,990.08	530.92	1,514.58	10.00	8.52	-6.96
8,500.00	53.96	108.83	7,827.95	-3,003.76	567.74	1,553.85	10.00	8.65	-6.40
8,550.00	58.36	105.97	7,855.79	-3,016.15	607.36	1,595.33	10.00	8.80	-5.72
8,600.00	62.82	103.36	7,880.34	-3,027.15	649.48	1,638.69	10.00	8.92	-5.20
8,650.00	67.32	100.96	7,901.41	-3,036.68	693.80	1,683.60	10.00	9.00	-4.80
8,700.00	71.86	98.72	7,918.85	-3,044.67	739.95	1,729.73	10.00	9.07	-4.49
8,750.00	76.42	96.58	7,932.51	-3,051.07	787.61	1,776.73	10.00	9.12	-4.27
8,800.00	80.99	94.53	7,942.31	-3,055.81	836.39	1,824.22	10.00	9.16	-4.10
8,850.00	85.58	92.53	7,948.15	-3,058.86	885.94	1,871.87	10.00	9.18	-4.00
8,898.08	90.00	90.63	7,950.00	-3,060.19	933.95	1,917.47	10.00	9.19	-3.95
<b>Start 7782.46 hold at 8898.07 MD</b>									
8,900.00	90.00	90.63	7,950.00	-3,060.21	935.87	1,919.29	0.00	0.00	0.00
9,000.00	90.00	90.63	7,950.00	-3,061.31	1,035.87	2,013.72	0.00	0.00	0.00
9,100.00	90.00	90.63	7,950.00	-3,062.42	1,135.86	2,108.15	0.00	0.00	0.00
9,200.00	90.00	90.63	7,950.00	-3,063.52	1,235.85	2,202.58	0.00	0.00	0.00
9,300.00	90.00	90.63	7,950.00	-3,064.63	1,335.85	2,297.00	0.00	0.00	0.00
9,400.00	90.00	90.63	7,950.00	-3,065.73	1,435.84	2,391.43	0.00	0.00	0.00
9,500.00	90.00	90.63	7,950.00	-3,066.83	1,535.84	2,485.86	0.00	0.00	0.00
9,600.00	90.00	90.63	7,950.00	-3,067.94	1,635.83	2,580.29	0.00	0.00	0.00
9,700.00	90.00	90.63	7,950.00	-3,069.04	1,735.82	2,674.72	0.00	0.00	0.00
9,800.00	90.00	90.63	7,950.00	-3,070.15	1,835.82	2,769.15	0.00	0.00	0.00
9,900.00	90.00	90.63	7,950.00	-3,071.25	1,935.81	2,863.58	0.00	0.00	0.00
10,000.00	90.00	90.63	7,950.00	-3,072.36	2,035.81	2,958.01	0.00	0.00	0.00
10,100.00	90.00	90.63	7,950.00	-3,073.46	2,135.80	3,052.44	0.00	0.00	0.00
10,200.00	90.00	90.63	7,950.00	-3,074.57	2,235.79	3,146.87	0.00	0.00	0.00
10,300.00	90.00	90.63	7,950.00	-3,075.67	2,335.79	3,241.30	0.00	0.00	0.00
10,400.00	90.00	90.63	7,950.00	-3,076.77	2,435.78	3,335.72	0.00	0.00	0.00
10,500.00	90.00	90.63	7,950.00	-3,077.88	2,535.77	3,430.15	0.00	0.00	0.00
10,600.00	90.00	90.63	7,950.00	-3,078.98	2,635.77	3,524.58	0.00	0.00	0.00
10,700.00	90.00	90.63	7,950.00	-3,080.09	2,735.76	3,619.01	0.00	0.00	0.00
10,800.00	90.00	90.63	7,950.00	-3,081.19	2,835.76	3,713.44	0.00	0.00	0.00
10,900.00	90.00	90.63	7,950.00	-3,082.30	2,935.75	3,807.87	0.00	0.00	0.00
11,000.00	90.00	90.63	7,950.00	-3,083.40	3,035.74	3,902.30	0.00	0.00	0.00
11,100.00	90.00	90.63	7,950.00	-3,084.51	3,135.74	3,996.73	0.00	0.00	0.00
11,200.00	90.00	90.63	7,950.00	-3,085.61	3,235.73	4,091.16	0.00	0.00	0.00
11,300.00	90.00	90.63	7,950.00	-3,086.71	3,335.73	4,185.59	0.00	0.00	0.00
11,400.00	90.00	90.63	7,950.00	-3,087.82	3,435.72	4,280.02	0.00	0.00	0.00
11,500.00	90.00	90.63	7,950.00	-3,088.92	3,535.71	4,374.44	0.00	0.00	0.00
11,600.00	90.00	90.63	7,950.00	-3,090.03	3,635.71	4,468.87	0.00	0.00	0.00
11,700.00	90.00	90.63	7,950.00	-3,091.13	3,735.70	4,563.30	0.00	0.00	0.00
11,800.00	90.00	90.63	7,950.00	-3,092.24	3,835.70	4,657.73	0.00	0.00	0.00
11,900.00	90.00	90.63	7,950.00	-3,093.34	3,935.69	4,752.16	0.00	0.00	0.00
12,000.00	90.00	90.63	7,950.00	-3,094.45	4,035.68	4,846.59	0.00	0.00	0.00
12,100.00	90.00	90.63	7,950.00	-3,095.55	4,135.68	4,941.02	0.00	0.00	0.00
12,200.00	90.00	90.63	7,950.00	-3,096.66	4,235.67	5,035.45	0.00	0.00	0.00
12,300.00	90.00	90.63	7,950.00	-3,097.76	4,335.67	5,129.88	0.00	0.00	0.00
12,400.00	90.00	90.63	7,950.00	-3,098.86	4,435.66	5,224.31	0.00	0.00	0.00
12,500.00	90.00	90.63	7,950.00	-3,099.97	4,535.65	5,318.73	0.00	0.00	0.00
12,600.00	90.00	90.63	7,950.00	-3,101.07	4,635.65	5,413.16	0.00	0.00	0.00
12,700.00	90.00	90.63	7,950.00	-3,102.18	4,735.64	5,507.59	0.00	0.00	0.00
12,800.00	90.00	90.63	7,950.00	-3,103.28	4,835.63	5,602.02	0.00	0.00	0.00
12,900.00	90.00	90.63	7,950.00	-3,104.39	4,935.63	5,696.45	0.00	0.00	0.00
13,000.00	90.00	90.63	7,950.00	-3,105.49	5,035.62	5,790.88	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 14-13 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site:</b>	SEC 15-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 14-13 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)	
13,100.00	90.00	90.63	7,950.00	-3,106.60	5,135.62	5,885.31	0.00	0.00	0.00	
13,200.00	90.00	90.63	7,950.00	-3,107.70	5,235.61	5,979.74	0.00	0.00	0.00	
13,300.00	90.00	90.63	7,950.00	-3,108.80	5,335.60	6,074.17	0.00	0.00	0.00	
13,400.00	90.00	90.63	7,950.00	-3,109.91	5,435.60	6,168.60	0.00	0.00	0.00	
13,500.00	90.00	90.63	7,950.00	-3,111.01	5,535.59	6,263.03	0.00	0.00	0.00	
13,600.00	90.00	90.63	7,950.00	-3,112.12	5,635.59	6,357.45	0.00	0.00	0.00	
13,700.00	90.00	90.63	7,950.00	-3,113.22	5,735.58	6,451.88	0.00	0.00	0.00	
13,800.00	90.00	90.63	7,950.00	-3,114.33	5,835.57	6,546.31	0.00	0.00	0.00	
13,900.00	90.00	90.63	7,950.00	-3,115.43	5,935.57	6,640.74	0.00	0.00	0.00	
14,000.00	90.00	90.63	7,950.00	-3,116.54	6,035.56	6,735.17	0.00	0.00	0.00	
14,100.00	90.00	90.63	7,950.00	-3,117.64	6,135.56	6,829.60	0.00	0.00	0.00	
14,200.00	90.00	90.63	7,950.00	-3,118.74	6,235.55	6,924.03	0.00	0.00	0.00	
14,300.00	90.00	90.63	7,950.00	-3,119.85	6,335.54	7,018.46	0.00	0.00	0.00	
14,400.00	90.00	90.63	7,950.00	-3,120.95	6,435.54	7,112.89	0.00	0.00	0.00	
14,500.00	90.00	90.63	7,950.00	-3,122.06	6,535.53	7,207.32	0.00	0.00	0.00	
14,600.00	90.00	90.63	7,950.00	-3,123.16	6,635.52	7,301.74	0.00	0.00	0.00	
14,700.00	90.00	90.63	7,950.00	-3,124.27	6,735.52	7,396.17	0.00	0.00	0.00	
14,800.00	90.00	90.63	7,950.00	-3,125.37	6,835.51	7,490.60	0.00	0.00	0.00	
14,900.00	90.00	90.63	7,950.00	-3,126.48	6,935.51	7,585.03	0.00	0.00	0.00	
15,000.00	90.00	90.63	7,950.00	-3,127.58	7,035.50	7,679.46	0.00	0.00	0.00	
15,100.00	90.00	90.63	7,950.00	-3,128.68	7,135.49	7,773.89	0.00	0.00	0.00	
15,200.00	90.00	90.63	7,950.00	-3,129.79	7,235.49	7,868.32	0.00	0.00	0.00	
15,300.00	90.00	90.63	7,950.00	-3,130.89	7,335.48	7,962.75	0.00	0.00	0.00	
15,400.00	90.00	90.63	7,950.00	-3,132.00	7,435.48	8,057.18	0.00	0.00	0.00	
15,500.00	90.00	90.63	7,950.00	-3,133.10	7,535.47	8,151.61	0.00	0.00	0.00	
15,600.00	90.00	90.63	7,950.00	-3,134.21	7,635.46	8,246.04	0.00	0.00	0.00	
15,700.00	90.00	90.63	7,950.00	-3,135.31	7,735.46	8,340.46	0.00	0.00	0.00	
15,800.00	90.00	90.63	7,950.00	-3,136.42	7,835.45	8,434.89	0.00	0.00	0.00	
15,900.00	90.00	90.63	7,950.00	-3,137.52	7,935.45	8,529.32	0.00	0.00	0.00	
16,000.00	90.00	90.63	7,950.00	-3,138.63	8,035.44	8,623.75	0.00	0.00	0.00	
16,100.00	90.00	90.63	7,950.00	-3,139.73	8,135.43	8,718.18	0.00	0.00	0.00	
16,200.00	90.00	90.63	7,950.00	-3,140.83	8,235.43	8,812.61	0.00	0.00	0.00	
16,300.00	90.00	90.63	7,950.00	-3,141.94	8,335.42	8,907.04	0.00	0.00	0.00	
16,400.00	90.00	90.63	7,950.00	-3,143.04	8,435.42	9,001.47	0.00	0.00	0.00	
16,500.00	90.00	90.63	7,950.00	-3,144.15	8,535.41	9,095.90	0.00	0.00	0.00	
16,600.00	90.00	90.63	7,950.00	-3,145.25	8,635.40	9,190.33	0.00	0.00	0.00	
16,680.54	90.00	90.63	7,950.00	-3,146.14	8,715.93	9,266.38	0.00	0.00	0.00	
TD at 16680.54										

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 4BH - plan hits target center - Point	0.00	0.00	7,950.00	-3,146.14	8,715.93	1,680,141.57	3,249,856.51	39.697437°N	104.612058°W
LP-PF 4-65 4BH - plan hits target center - Point	0.00	0.00	7,950.00	-3,060.19	933.95	1,680,154.12	3,242,074.13	39.697677°N	104.639713°W

## Planning Report

<b>Database:</b>	EDT_32Bit_ODBC	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Project:</b>	ARAPAHOE COUNTY	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site:</b>	SEC 15-T4S-R65W	<b>North Reference:</b>	True
<b>Well:</b>	PROSPER FARMS 4-65 14-13 4BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OWB		
<b>Design:</b>	PROPOSAL 1		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,470.41	1,434.00	Laramie				
1,838.78	1,772.00	Fox Hills				
2,441.47	2,325.00	Upper Pierre aquifer				
3,191.28	3,013.00	Base of Upper Pierre aquifer				
6,137.15	5,716.00	Terry ("Sussex")				
6,137.15	5,716.00	Hygiene ("Shannon")				
6,137.15	5,716.00	Mitten				
6,137.15	5,716.00	Mitten Marker 1				
6,137.15	5,716.00	Tepee Buttes				
6,137.15	5,716.00	Mitten Marker 2				
6,137.15	5,716.00	Sharon Springs				
8,431.71	7,785.00	Niobrara				

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
250.00	250.00	0.00	0.00	Start Build 2.00
1,421.41	1,389.04	-234.26	30.04	Start 6608.15 hold at 1421.41 MD
8,029.56	7,452.40	-2,840.33	364.25	Start DLS 10.00 TFO -82.71
8,898.08	7,950.00	-3,060.19	933.95	Start 7782.46 hold at 8898.07 MD
16,680.54	7,950.00	-3,146.14	8,715.93	TD at 16680.54



# **CRESTONE PEAK RESOURCES**

**ARAPAHOE COUNTY  
SEC 15-T4S-R65W  
PROSPER FARMS 4-65 14-13 4BH**

**OWB  
PROPOSAL 1**

## **Anticollision Report**

**11 February, 2022**

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>	Stations	<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>	<b>Date</b>	2/11/2022		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	16,680.54	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

<b>Summary</b>						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 15-T4S-R65W						
EXIST HZ LONE TREE 4-65 15-16 3BH - OWB - FINAL	616.47	615.16	5.60	1.64	1.412	Level 3, CC, ES, SF
EXIST HZ MONTEZUMA 4-64 18-13 4H - OWB - FINAL	16,680.54	14,842.00	255.35	-56.38	0.819	Level 1, CC, ES, SF
EXIST HZ PROSPER FARMS 4-65 13-14 1H - OWB - FI	2,266.53	2,218.00	913.11	900.65	73.266	CC, ES
EXIST HZ PROSPER FARMS 4-65 13-14 1H - OWB - FI	16,200.00	14,719.00	2,921.38	2,516.90	7.222	SF
LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1	206.19	211.89	324.92	323.87	309.273	CC
LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1	250.00	255.24	324.93	323.56	238.391	ES
LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1	11,700.00	7,450.00	5,352.04	5,249.83	52.365	SF
LONE TREE 4-65 15-16 1BH - OWB - PROPOSAL 1	250.00	254.90	275.02	273.66	201.950	CC, ES
LONE TREE 4-65 15-16 1BH - OWB - PROPOSAL 1	11,000.00	7,500.00	4,445.19	4,356.16	49.931	SF
LONE TREE 4-65 15-16 2AH - OWB - PROPOSAL 1	250.66	255.21	224.75	223.39	164.685	CC, ES
LONE TREE 4-65 15-16 2AH - OWB - PROPOSAL 1	1,300.00	1,283.49	408.41	399.08	43.778	SF
LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1	250.19	250.30	174.85	173.50	129.906	CC
LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1	300.00	302.09	175.00	173.30	103.223	ES
LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1	1,300.00	1,304.33	293.63	284.10	30.794	SF
LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1	252.03	252.21	124.94	123.59	91.951	CC
LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1	600.00	614.36	126.11	122.29	32.964	ES
LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1	7,600.00	7,553.27	1,133.32	1,055.22	14.510	SF
LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1	250.00	250.00	75.04	73.70	55.822	CC
LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1	700.00	711.18	76.43	71.89	16.855	ES
LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1	8,255.37	8,523.69	518.07	445.17	7.107	SF
LONE TREE 4-65 15-16 4BH - OWB - PROPOSAL 1	8,546.16	8,597.78	0.55	-76.07	0.007	Level 1, CC, ES, SF
PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSA	206.36	211.66	299.79	298.74	285.415	CC
PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSA	250.00	254.82	299.80	298.44	220.182	ES
PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSA	16,680.54	16,151.97	4,483.27	4,023.22	9.745	SF
PROSPER FARMS 4-65 14-13 1BH - OWB - PROPOSA	250.00	254.40	249.89	248.53	183.736	CC, ES
PROSPER FARMS 4-65 14-13 1BH - OWB - PROPOSA	16,680.54	16,137.93	3,702.70	3,242.76	8.050	SF
PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSA	250.00	249.80	199.98	198.64	148.843	CC
PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSA	600.00	623.62	200.30	196.44	51.949	ES
PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSA	16,680.54	16,158.91	2,323.21	1,863.56	5.054	SF
PROSPER FARMS 4-65 14-13 3AH - OWB - PROPOSA	814.78	844.15	148.83	143.41	27.439	CC, ES
PROSPER FARMS 4-65 14-13 3AH - OWB - PROPOSA	16,680.54	16,159.03	1,738.30	1,279.75	3.791	SF
PROSPER FARMS 4-65 14-13 3BH - OWB - PROPOSA	1,014.86	1,041.14	97.61	90.71	14.148	CC, ES
PROSPER FARMS 4-65 14-13 3BH - OWB - PROPOSA	16,680.54	16,346.00	1,156.78	697.25	2.517	SF
PROSPER FARMS 4-65 14-13 4AH - OWB - PROPOSA	1,229.59	1,246.21	47.90	39.38	5.626	CC, ES
PROSPER FARMS 4-65 14-13 4AH - OWB - PROPOSA	16,680.54	16,425.13	581.74	127.22	1.280	Level 3, 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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ LONE TREE 4-65 15-16 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-179.36	-25.14	-0.28	25.14					
100.00	100.00	99.78	99.78	0.13	0.13	-179.21	-24.98	-0.35	24.98	24.71	0.27	93.931		
200.00	200.00	199.75	199.75	0.49	0.50	-178.46	-24.72	-0.66	24.73	23.74	0.99	24.879		
250.00	250.00	249.75	249.75	0.67	0.68	-177.95	-24.62	-0.88	24.63	23.28	1.35	18.219		
300.00	300.00	299.74	299.74	0.84	0.86	-177.95	-24.51	-1.09	24.11	22.40	1.70	14.161		
400.00	399.93	399.66	399.66	1.18	1.22	13.02	-24.32	-1.54	20.53	18.13	2.40	8.550		
500.00	499.68	499.38	499.38	1.54	1.57	21.68	-24.18	-2.02	13.79	10.68	3.11	4.432		
600.00	599.13	598.82	598.81	1.91	1.93	68.21	-24.10	-2.50	5.98	2.14	3.84	1.557		
616.47	615.47	615.16	615.16	1.98	1.99	88.63	-24.06	-2.56	5.60	1.64	3.97	1.412	Level 3, CC, ES, SF	
700.00	698.15	697.79	697.78	2.31	2.28	154.07	-23.75	-2.79	13.39	8.83	4.56	2.939		
800.00	796.63	796.17	796.16	2.74	2.63	168.19	-23.35	-3.18	30.50	25.22	5.27	5.785		
900.00	894.44	893.90	893.89	3.20	2.98	172.57	-22.93	-3.60	51.55	45.56	5.99	8.602		
1,000.00	991.46	991.08	991.07	3.70	3.33	174.69	-22.67	-3.93	75.93	69.22	6.71	11.310		
1,100.00	1,087.58	1,087.44	1,087.43	4.24	3.67	175.89	-22.78	-4.23	103.36	95.93	7.43	13.907		
1,200.00	1,182.68	1,182.78	1,182.76	4.82	4.00	176.65	-23.05	-4.51	134.00	125.85	8.15	16.445		
1,300.00	1,276.65	1,276.73	1,276.72	5.45	4.33	177.18	-23.36	-4.79	167.90	159.03	8.86	18.941		
1,400.00	1,369.36	1,369.63	1,369.61	6.13	4.65	177.54	-23.64	-5.16	205.11	195.53	9.58	21.402		
1,421.41	1,389.04	1,389.37	1,389.36	6.28	4.72	177.60	-23.71	-5.25	213.49	203.75	9.74	21.912		
1,500.00	1,461.15	1,461.25	1,461.23	6.84	4.98	177.80	-23.92	-5.61	244.56	234.26	10.30	23.743		
1,600.00	1,552.91	1,553.24	1,553.22	7.57	5.30	178.00	-24.16	-6.09	284.14	273.13	11.02	25.794		
1,700.00	1,644.66	1,645.03	1,645.01	8.30	5.63	178.13	-24.45	-6.63	323.68	311.95	11.74	27.581		
1,800.00	1,736.42	1,736.39	1,736.37	9.04	5.96	178.22	-24.68	-7.29	363.30	350.84	12.46	29.164		
1,900.00	1,828.17	1,828.30	1,828.28	9.79	6.29	178.28	-24.85	-7.98	402.98	389.80	13.19	30.562		
2,000.00	1,919.93	1,920.15	1,920.12	10.54	6.61	178.35	-25.06	-8.60	442.62	428.70	13.92	31.806		
2,100.00	2,011.68	2,011.87	2,011.84	11.29	6.94	178.40	-25.25	-9.21	482.27	467.63	14.65	32.924		
2,200.00	2,103.44	2,103.68	2,103.65	12.05	7.27	178.45	-25.42	-9.80	521.94	506.55	15.38	33.930		
2,300.00	2,195.20	2,195.62	2,195.59	12.80	7.60	178.50	-25.60	-10.33	561.59	545.47	16.12	34.839		
2,400.00	2,286.95	2,287.12	2,287.09	13.56	7.92	178.55	-25.77	-10.75	601.23	584.39	16.85	35.691		
2,500.00	2,378.71	2,378.37	2,378.34	14.32	8.23	178.64	-25.80	-10.80	640.96	623.39	17.56	36.496		
2,600.00	2,470.46	2,470.50	2,470.46	15.09	8.53	178.72	-25.77	-10.71	680.73	662.45	18.28	37.239		
2,700.00	2,562.22	2,563.62	2,563.59	15.85	8.85	178.81	-25.93	-10.52	720.29	701.28	19.01	37.888		
2,800.00	2,653.98	2,653.30	2,653.26	16.61	9.16	178.87	-25.99	-10.50	759.98	740.25	19.73	38.522		
2,900.00	2,745.73	2,744.38	2,744.35	17.38	9.48	178.92	-25.91	-10.61	799.84	779.37	20.46	39.090		
3,000.00	2,837.49	2,836.67	2,836.64	18.14	9.80	178.97	-25.82	-10.62	839.69	818.49	21.20	39.612		
3,100.00	2,929.24	2,929.17	2,929.13	18.91	10.12	179.02	-25.81	-10.64	879.45	857.51	21.94	40.090		
3,200.00	3,021.00	3,020.24	3,020.20	19.67	10.44	179.06	-25.79	-10.66	919.22	896.55	22.67	40.549		
3,300.00	3,112.75	3,111.86	3,111.82	20.44	10.77	179.09	-25.75	-10.72	959.04	935.63	23.41	40.971		
3,400.00	3,204.51	3,204.05	3,204.01	21.21	11.10	179.12	-25.72	-10.85	998.83	974.68	24.15	41.352		
3,500.00	3,296.27	3,293.88	3,293.85	21.98	11.42	179.15	-25.64	-11.03	1,038.69	1,013.81	24.88	41.742		
3,600.00	3,388.02	3,387.22	3,387.18	22.74	11.74	179.17	-25.53	-11.11	1,078.57	1,052.94	25.63	42.083		
3,700.00	3,479.78	3,476.28	3,476.24	23.51	12.05	179.20	-25.39	-11.17	1,118.48	1,092.13	26.34	42.456		
3,800.00	3,571.53	3,573.34	3,573.30	24.28	12.39	179.22	-25.34	-11.38	1,158.31	1,131.19	27.13	42.702		
3,900.00	3,663.29	3,666.66	3,666.62	25.05	12.71	179.24	-25.59	-11.46	1,197.84	1,169.97	27.87	42.973		
4,000.00	3,755.05	3,755.92	3,755.88	25.82	13.02	179.27	-25.76	-11.36	1,237.41	1,208.82	28.59	43.287		
4,100.00	3,846.80	3,847.07	3,847.03	26.59	13.33	179.29	-25.80	-11.25	1,277.11	1,247.80	29.32	43.562		
4,200.00	3,938.56	3,938.38	3,938.34	27.36	13.65	179.31	-25.83	-11.34	1,316.85	1,286.80	30.05	43.822		
4,300.00	4,030.31	4,030.31	4,030.28	28.13	13.96	179.33	-25.84	-11.32	1,356.60	1,325.82	30.78	44.072		
4,400.00	4,122.07	4,121.18	4,121.14	28.90	14.27	179.35	-25.83	-11.29	1,396.36	1,364.85	31.51	44.319		
4,500.00	4,213.82	4,213.03	4,212.99	29.67	14.58	179.37	-25.78	-11.27	1,436.17	1,403.92	32.24	44.543		
4,600.00	4,305.58	4,304.54	4,304.50	30.44	14.90	179.39	-25.74	-11.22	1,475.96	1,442.99	32.97	44.761		
4,700.00	4,397.34	4,396.26	4,396.22	31.21	15.21	179.41	-25.67	-11.15	1,515.77	1,482.06	33.71	44.966		
4,800.00	4,489.09	4,486.91	4,486.87	31.98	15.53	179.43	-25.60	-11.12	1,555.60	1,521.16	34.44	45.170		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ LONE TREE 4-65 15-16 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,576.91	4,576.87	32.75	15.84	179.44	-25.42	-11.03	1,595.52	1,560.36	35.16	45.373		
5,000.00	4,672.60	4,687.26	4,687.22	33.52	16.22	179.47	-25.53	-10.84	1,635.21	1,599.17	36.04	45.371		
5,100.00	4,764.36	4,850.21	4,850.06	34.29	16.78	179.46	-30.93	-10.93	1,671.79	1,634.52	37.27	44.857		
5,200.00	4,856.12	4,960.80	4,960.46	35.06	17.17	179.41	-37.38	-11.78	1,706.26	1,668.13	38.13	44.745		
5,300.00	4,947.87	5,086.56	5,085.91	35.83	17.61	179.38	-46.23	-12.09	1,739.60	1,700.51	39.09	44.506		
5,400.00	5,039.63	5,212.76	5,211.59	36.60	18.05	179.41	-57.36	-10.02	1,770.93	1,730.90	40.03	44.239		
5,500.00	5,131.38	5,365.69	5,363.53	37.37	18.58	179.59	-73.17	-3.10	1,800.76	1,759.66	41.10	43.811		
5,600.00	5,223.14	5,753.01	5,741.38	38.14	20.00	179.99	-153.28	19.36	1,818.58	1,775.69	42.90	42.393		
5,700.00	5,314.89	5,851.99	5,836.29	38.91	20.39	-179.97	-180.94	24.13	1,830.72	1,787.02	43.69	41.900		
5,800.00	5,406.65	5,972.62	5,951.67	39.69	20.88	-179.90	-215.53	30.78	1,841.99	1,797.46	44.53	41.365		
5,900.00	5,498.41	5,900.00	6,077.52	40.46	20.56	-179.92	-255.76	35.26	1,851.69	1,807.02	44.67	41.452		
6,000.00	5,590.16	6,334.72	6,292.02	41.23	22.48	179.54	-337.70	28.14	1,856.10	1,809.79	46.31	40.079		
6,100.00	5,681.92	6,479.85	6,424.39	42.00	23.19	178.93	-395.89	15.83	1,857.07	1,809.93	47.14	39.395		
6,200.00	5,773.67	6,709.52	6,627.87	42.77	24.42	177.74	-499.16	-9.58	1,852.70	1,804.80	47.91	38.674		
6,300.00	5,865.43	6,834.90	6,736.13	43.54	25.16	176.99	-560.36	-25.51	1,844.78	1,796.03	48.75	37.838		
6,400.00	5,957.18	6,955.09	6,839.66	44.31	25.90	176.32	-619.96	-38.69	1,836.08	1,786.46	49.62	37.001		
6,500.00	6,048.94	7,137.48	6,995.38	45.09	27.10	175.65	-714.42	-46.38	1,823.73	1,773.39	50.34	36.231		
6,600.00	6,140.70	7,240.28	7,082.76	45.86	27.80	175.46	-768.53	-44.29	1,809.76	1,758.57	51.19	35.352		
6,700.00	6,232.45	7,344.59	7,171.38	46.63	28.53	175.28	-823.48	-41.71	1,795.67	1,743.62	52.05	34.499		
6,800.00	6,324.21	7,443.37	7,255.34	47.40	29.24	175.17	-875.33	-37.31	1,781.41	1,728.49	52.92	33.663		
6,900.00	6,415.96	7,538.51	7,336.29	48.17	29.93	175.08	-925.10	-32.72	1,767.27	1,713.46	53.80	32.848		
7,000.00	6,507.72	7,586.35	7,377.27	48.94	30.28	174.99	-949.76	-31.78	1,754.65	1,699.82	54.83	32.003		
7,100.00	6,599.48	7,100.00	7,467.13	49.72	26.62	174.42	-1,003.96	-40.99	1,744.11	1,690.91	53.20	32.786		
7,200.00	6,691.23	7,823.00	7,571.01	50.49	32.08	173.06	-1,077.36	-70.71	1,729.32	1,672.41	56.90	30.390		
7,300.00	6,782.99	7,871.94	7,606.67	51.26	32.45	172.27	-1,104.71	-90.03	1,717.43	1,659.28	58.15	29.535		
7,400.00	6,874.74	7,918.00	7,639.23	52.03	32.80	171.41	-1,128.37	-112.39	1,710.29	1,650.89	59.40	28.791		
7,500.00	6,966.50	7,918.00	7,639.23	52.80	32.80	171.41	-1,128.37	-112.39	1,707.25	1,646.91	60.33	28.296		
7,502.01	6,968.34	7,918.00	7,639.23	52.82	32.80	171.41	-1,128.37	-112.39	1,707.25	1,646.89	60.35	28.288		
7,600.00	7,058.25	7,956.95	7,665.88	53.57	33.06	170.60	-1,146.71	-134.07	1,708.78	1,647.34	61.44	27.813		
7,700.00	7,150.01	7,982.67	7,683.01	54.35	33.23	170.04	-1,157.99	-149.59	1,715.06	1,652.71	62.35	27.507		
7,800.00	7,241.77	8,013.00	7,702.68	55.12	33.44	169.34	-1,170.39	-169.05	1,726.09	1,662.87	63.22	27.302		
7,900.00	7,333.52	8,071.12	7,737.68	55.89	33.82	167.92	-1,193.44	-209.30	1,741.16	1,676.71	64.45	27.015		
8,000.00	7,425.28	8,107.00	7,757.09	56.66	34.06	166.99	-1,207.82	-235.81	1,759.46	1,694.15	65.31	26.940		
8,029.56	7,452.40	8,107.00	7,757.09	56.89	34.06	166.99	-1,207.82	-235.81	1,765.83	1,700.47	65.36	27.016		
8,050.00	7,471.13	8,107.00	7,757.09	57.05	34.06	172.07	-1,207.82	-235.81	1,770.63	1,705.23	65.39	27.077		
8,100.00	7,516.65	8,136.21	7,771.69	57.44	34.25	-176.95	-1,219.21	-258.40	1,783.60	1,717.58	66.02	27.015		
8,150.00	7,561.46	8,143.09	7,774.98	57.84	34.30	-166.57	-1,221.78	-263.87	1,799.47	1,733.25	66.23	27.172		
8,200.00	7,605.22	8,148.27	7,777.41	58.24	34.33	-157.46	-1,223.69	-268.02	1,817.77	1,751.39	66.39	27.381		
8,250.00	7,647.60	8,151.82	7,779.06	58.63	34.35	-149.44	-1,224.99	-270.89	1,838.33	1,771.82	66.51	27.640		
8,300.00	7,688.27	8,153.87	7,780.00	59.02	34.37	-142.29	-1,225.73	-272.55	1,860.95	1,794.35	66.60	27.942		
8,350.00	7,726.93	8,154.51	7,780.30	59.40	34.37	-135.75	-1,225.96	-273.07	1,885.39	1,818.73	66.66	28.283		
8,400.00	7,763.27	8,153.85	7,780.00	59.77	34.37	-129.65	-1,225.72	-272.54	1,911.41	1,844.72	66.70	28.658		
8,450.00	7,797.04	8,152.02	7,779.15	60.13	34.36	-123.88	-1,225.06	-271.05	1,938.75	1,872.03	66.72	29.058		
8,500.00	7,827.95	8,149.10	7,777.80	60.49	34.34	-118.35	-1,224.00	-268.69	1,967.14	1,900.41	66.73	29.478		
8,550.00	7,855.79	8,145.20	7,775.97	60.83	34.31	-113.04	-1,222.56	-265.56	1,996.31	1,929.56	66.74	29.910		
8,600.00	7,880.34	8,140.41	7,773.70	61.16	34.28	-107.95	-1,220.79	-261.73	2,025.97	1,959.21	66.76	30.346		
8,650.00	7,901.41	8,107.00	7,757.09	61.49	34.06	-102.31	-1,207.82	-235.81	2,056.61	1,990.46	66.14	31.093		
8,700.00	7,918.85	8,107.00	7,757.09	61.80	34.06	-97.97	-1,207.82	-235.81	2,086.19	2,019.86	66.34	31.449		
8,750.00	7,932.51	8,107.00	7,757.09	62.09	34.06	-93.95	-1,207.82	-235.81	2,115.56	2,048.99	66.57	31.782		
8,800.00	7,942.31	8,107.00	7,757.09	62.38	34.06	-90.25	-1,207.82	-235.81	2,144.49	2,077.66	66.83	32.086		
8,850.00	7,948.15	8,107.00	7,757.09	62.66	34.06	-86.90	-1,207.82	-235.81	2,172.80	2,105.65	67.14	32.360		
8,898.08	7,950.00	8,107.00	7,757.09	62.91	34.06	-84.02	-1,207.82	-235.81	2,199.24	2,131.77	67.48	32.593		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ LONE TREE 4-65 15-16 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,900.00	7,950.00	8,107.00	7,757.09	62.92	34.06	-84.02	-1,207.82	-235.81	2,200.29	2,132.80	67.49	32.602		
9,000.00	7,950.00	8,057.14	7,729.65	63.47	33.73	-83.25	-1,187.85	-199.30	2,254.75	2,187.63	67.13	33.589		
9,100.00	7,950.00	8,013.00	7,702.68	64.09	33.44	-82.50	-1,170.39	-169.05	2,311.62	2,244.67	66.94	34.530		
9,200.00	7,950.00	8,013.00	7,702.68	64.78	33.44	-82.50	-1,170.39	-169.05	2,370.38	2,302.66	67.72	35.002		
9,300.00	7,950.00	8,013.00	7,702.68	65.55	33.44	-82.50	-1,170.39	-169.05	2,431.84	2,363.35	68.49	35.505		
9,400.00	7,950.00	8,013.00	7,702.68	66.41	33.44	-82.50	-1,170.39	-169.05	2,495.80	2,426.55	69.25	36.041		
9,500.00	7,950.00	7,971.75	7,675.79	67.35	33.16	-81.77	-1,153.29	-142.89	2,560.24	2,491.04	69.20	36.998		
9,600.00	7,950.00	7,961.09	7,668.66	68.38	33.09	-81.58	-1,148.57	-136.51	2,627.57	2,557.83	69.74	37.678		
9,700.00	7,950.00	7,918.00	7,639.23	69.50	32.80	-80.82	-1,128.37	-112.39	2,697.87	2,628.18	69.69	38.715		
9,800.00	7,950.00	7,918.00	7,639.23	70.71	32.80	-80.82	-1,128.37	-112.39	2,768.10	2,697.71	70.39	39.323		
9,900.00	7,950.00	7,918.00	7,639.23	72.01	32.80	-80.82	-1,128.37	-112.39	2,840.12	2,769.05	71.07	39.961		
10,000.00	7,950.00	7,918.00	7,639.23	73.40	32.80	-80.82	-1,128.37	-112.39	2,913.80	2,842.07	71.72	40.625		
10,100.00	7,950.00	7,918.00	7,639.23	74.87	32.80	-80.82	-1,128.37	-112.39	2,989.00	2,916.66	72.35	41.316		
10,200.00	7,950.00	7,918.00	7,639.23	76.42	32.80	-80.82	-1,128.37	-112.39	3,065.62	2,992.68	72.94	42.031		
10,300.00	7,950.00	7,918.00	7,639.23	78.05	32.80	-80.82	-1,128.37	-112.39	3,143.55	3,070.05	73.50	42.769		
10,400.00	7,950.00	7,918.00	7,639.23	79.75	32.80	-80.82	-1,128.37	-112.39	3,222.71	3,148.67	74.04	43.529		
10,500.00	7,950.00	7,918.00	7,639.23	81.52	32.80	-80.82	-1,128.37	-112.39	3,302.99	3,228.45	74.55	44.308		
10,600.00	7,950.00	7,918.00	7,639.23	83.35	32.80	-80.82	-1,128.37	-112.39	3,384.33	3,309.30	75.03	45.107		
10,700.00	7,950.00	7,918.00	7,639.23	85.24	32.80	-80.82	-1,128.37	-112.39	3,466.64	3,391.15	75.49	45.923		
10,800.00	7,950.00	7,873.45	7,607.76	87.18	32.46	-80.02	-1,105.52	-90.70	3,547.44	3,472.09	75.35	47.080		
10,900.00	7,950.00	7,868.48	7,604.18	89.18	32.42	-79.93	-1,102.85	-88.51	3,630.94	3,555.22	75.72	47.953		
11,000.00	7,950.00	7,823.00	7,571.01	91.22	32.08	-79.13	-1,077.36	-70.71	3,717.21	3,641.63	75.59	49.179		
11,100.00	7,950.00	7,823.00	7,571.01	93.30	32.08	-79.13	-1,077.36	-70.71	3,801.76	3,725.77	75.99	50.029		
11,200.00	7,950.00	7,823.00	7,571.01	95.43	32.08	-79.13	-1,077.36	-70.71	3,887.04	3,810.66	76.38	50.892		
11,300.00	7,950.00	7,823.00	7,571.01	97.58	32.08	-79.13	-1,077.36	-70.71	3,973.00	3,896.25	76.75	51.768		
11,400.00	7,950.00	7,823.00	7,571.01	99.78	32.08	-79.13	-1,077.36	-70.71	4,059.61	3,982.51	77.10	52.656		
11,500.00	7,950.00	7,823.00	7,571.01	102.00	32.08	-79.13	-1,077.36	-70.71	4,146.82	4,069.39	77.43	53.555		
11,600.00	7,950.00	7,823.00	7,571.01	104.25	32.08	-79.13	-1,077.36	-70.71	4,234.59	4,156.84	77.75	54.464		
11,700.00	7,950.00	7,823.00	7,571.01	106.52	32.08	-79.13	-1,077.36	-70.71	4,322.90	4,244.85	78.05	55.383		
11,800.00	7,950.00	7,823.00	7,571.01	108.82	32.08	-79.13	-1,077.36	-70.71	4,411.71	4,333.36	78.35	56.310		
11,900.00	7,950.00	7,823.00	7,571.01	111.14	32.08	-79.13	-1,077.36	-70.71	4,500.98	4,422.36	78.63	57.246		
12,000.00	7,950.00	7,823.00	7,571.01	113.48	32.08	-79.13	-1,077.36	-70.71	4,590.70	4,511.81	78.89	58.190		
12,100.00	7,950.00	7,823.00	7,571.01	115.84	32.08	-79.13	-1,077.36	-70.71	4,680.83	4,601.69	79.15	59.140		
12,200.00	7,950.00	7,823.00	7,571.01	118.21	32.08	-79.13	-1,077.36	-70.71	4,771.36	4,691.97	79.39	60.098		
12,300.00	7,950.00	7,823.00	7,571.01	120.61	32.08	-79.13	-1,077.36	-70.71	4,862.26	4,782.63	79.63	61.061		
12,400.00	7,950.00	7,823.00	7,571.01	123.01	32.08	-79.13	-1,077.36	-70.71	4,953.51	4,873.65	79.86	62.031		
12,500.00	7,950.00	7,823.00	7,571.01	125.43	32.08	-79.13	-1,077.36	-70.71	5,045.09	4,965.02	80.07	63.006		
12,600.00	7,950.00	7,823.00	7,571.01	127.87	32.08	-79.13	-1,077.36	-70.71	5,136.99	5,056.70	80.28	63.986		
12,700.00	7,950.00	7,823.00	7,571.01	130.31	32.08	-79.13	-1,077.36	-70.71	5,229.18	5,148.69	80.48	64.971		
12,800.00	7,950.00	7,823.00	7,571.01	132.77	32.08	-79.13	-1,077.36	-70.71	5,321.65	5,240.97	80.68	65.960		
12,900.00	7,950.00	7,823.00	7,571.01	135.24	32.08	-79.13	-1,077.36	-70.71	5,414.40	5,333.53	80.87	66.954		
13,000.00	7,950.00	7,823.00	7,571.01	137.71	32.08	-79.13	-1,077.36	-70.71	5,507.39	5,426.34	81.05	67.951		
13,100.00	7,950.00	7,823.00	7,571.01	140.20	32.08	-79.13	-1,077.36	-70.71	5,600.63	5,519.40	81.23	68.952		
13,200.00	7,950.00	7,823.00	7,571.01	142.69	32.08	-79.13	-1,077.36	-70.71	5,694.10	5,612.70	81.40	69.956		
13,300.00	7,950.00	7,823.00	7,571.01	145.20	32.08	-79.13	-1,077.36	-70.71	5,787.78	5,706.22	81.56	70.963		
13,400.00	7,950.00	7,779.86	7,538.44	147.71	31.74	-78.36	-1,052.45	-57.35	5,880.03	5,798.61	81.42	72.218		
13,500.00	7,950.00	7,777.34	7,536.50	150.23	31.72	-78.32	-1,051.00	-56.67	5,973.92	5,892.36	81.56	73.242		
13,600.00	7,950.00	7,774.91	7,534.61	152.75	31.70	-78.27	-1,049.60	-56.02	6,068.00	5,986.30	81.70	74.269		
13,700.00	7,950.00	7,772.55	7,532.78	155.28	31.68	-78.23	-1,048.25	-55.40	6,162.25	6,080.41	81.84	75.297		
13,800.00	7,950.00	7,729.00	7,498.29	157.82	31.34	-77.44	-1,023.51	-45.72	6,258.19	6,176.48	81.70	76.597		
13,900.00	7,950.00	7,729.00	7,498.29	160.36	31.34	-77.44	-1,023.51	-45.72	6,352.61	6,270.76	81.85	77.612		
14,000.00	7,950.00	7,729.00	7,498.29	162.91	31.34	-77.44	-1,023.51	-45.72	6,447.21	6,365.21	81.99	78.629		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ LONE TREE 4-65 15-16 3BH - OWB - FINAL SURVEY											Offset Site Error:		0.00 usft
Survey Program: 94-MWD OWSG											Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	7,950.00	7,729.00	7,498.29	165.47	31.34	-77.44	-1,023.51	-45.72	6,541.96	6,459.83	82.14	79.649	
14,200.00	7,950.00	7,729.00	7,498.29	168.02	31.34	-77.44	-1,023.51	-45.72	6,636.87	6,554.60	82.27	80.669	
14,300.00	7,950.00	7,729.00	7,498.29	170.59	31.34	-77.44	-1,023.51	-45.72	6,731.93	6,649.53	82.41	81.692	
14,400.00	7,950.00	7,729.00	7,498.29	173.15	31.34	-77.44	-1,023.51	-45.72	6,827.13	6,744.59	82.54	82.716	
14,500.00	7,950.00	7,729.00	7,498.29	175.73	31.34	-77.44	-1,023.51	-45.72	6,922.47	6,839.80	82.66	83.741	
14,600.00	7,950.00	7,729.00	7,498.29	178.30	31.34	-77.44	-1,023.51	-45.72	7,017.93	6,935.14	82.79	84.768	
14,700.00	7,950.00	7,729.00	7,498.29	180.88	31.34	-77.44	-1,023.51	-45.72	7,113.52	7,030.61	82.91	85.796	
14,800.00	7,950.00	7,729.00	7,498.29	183.46	31.34	-77.44	-1,023.51	-45.72	7,209.23	7,126.19	83.03	86.824	
14,900.00	7,950.00	7,729.00	7,498.29	186.05	31.34	-77.44	-1,023.51	-45.72	7,305.05	7,221.90	83.15	87.854	
15,000.00	7,950.00	7,729.00	7,498.29	188.64	31.34	-77.44	-1,023.51	-45.72	7,400.98	7,317.72	83.27	88.884	
15,100.00	7,950.00	7,729.00	7,498.29	191.23	31.34	-77.44	-1,023.51	-45.72	7,497.02	7,413.64	83.38	89.915	
15,200.00	7,950.00	7,729.00	7,498.29	193.83	31.34	-77.44	-1,023.51	-45.72	7,593.17	7,509.68	83.49	90.947	
15,300.00	7,950.00	7,729.00	7,498.29	196.43	31.34	-77.44	-1,023.51	-45.72	7,689.41	7,605.81	83.60	91.979	
15,400.00	7,950.00	7,729.00	7,498.29	199.03	31.34	-77.44	-1,023.51	-45.72	7,785.74	7,702.03	83.71	93.012	
15,500.00	7,950.00	7,729.00	7,498.29	201.63	31.34	-77.44	-1,023.51	-45.72	7,882.17	7,798.36	83.81	94.045	
15,600.00	7,950.00	7,729.00	7,498.29	204.24	31.34	-77.44	-1,023.51	-45.72	7,978.68	7,894.77	83.92	95.078	
15,700.00	7,950.00	7,729.00	7,498.29	206.85	31.34	-77.44	-1,023.51	-45.72	8,075.28	7,991.26	84.02	96.111	
15,800.00	7,950.00	7,729.00	7,498.29	209.46	31.34	-77.44	-1,023.51	-45.72	8,171.96	8,087.84	84.12	97.145	
15,900.00	7,950.00	7,729.00	7,498.29	212.08	31.34	-77.44	-1,023.51	-45.72	8,268.72	8,184.50	84.22	98.178	
16,000.00	7,950.00	7,729.00	7,498.29	214.69	31.34	-77.44	-1,023.51	-45.72	8,365.56	8,281.24	84.32	99.211	
16,100.00	7,950.00	7,729.00	7,498.29	217.31	31.34	-77.44	-1,023.51	-45.72	8,462.47	8,378.05	84.42	100.245	
16,200.00	7,950.00	7,729.00	7,498.29	219.93	31.34	-77.44	-1,023.51	-45.72	8,559.45	8,474.94	84.51	101.278	
16,300.00	7,950.00	7,729.00	7,498.29	222.55	31.34	-77.44	-1,023.51	-45.72	8,656.50	8,571.89	84.61	102.311	
16,400.00	7,950.00	7,729.00	7,498.29	225.18	31.34	-77.44	-1,023.51	-45.72	8,753.62	8,668.91	84.70	103.344	
16,500.00	7,950.00	7,729.00	7,498.29	227.80	31.34	-77.44	-1,023.51	-45.72	8,850.80	8,766.00	84.80	104.376	
16,600.00	7,950.00	7,729.00	7,498.29	230.43	31.34	-77.44	-1,023.51	-45.72	8,948.04	8,863.15	84.89	105.408	
16,680.54	7,950.00	7,729.00	7,498.29	232.54	31.34	-77.44	-1,023.51	-45.72	9,026.40	8,941.44	84.96	106.239	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ MONTEZUMA 4-64 18-13 4H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2176-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,600.00	3,388.02	14,842.00	7,838.79	22.74	192.01	-83.47	-2,977.19	8,872.00	9,980.20	9,916.57	63.64	156.834		
3,700.00	3,479.78	14,842.00	7,838.79	23.51	192.01	-83.47	-2,977.19	8,872.00	9,927.78	9,864.00	63.77	155.674		
3,800.00	3,571.53	14,842.00	7,838.79	24.28	192.01	-83.47	-2,977.19	8,872.00	9,876.08	9,812.17	63.91	154.529		
3,900.00	3,663.29	14,842.00	7,838.79	25.05	192.01	-83.47	-2,977.19	8,872.00	9,825.14	9,761.09	64.05	153.398		
4,000.00	3,755.05	14,842.00	7,838.79	25.82	192.01	-83.47	-2,977.19	8,872.00	9,774.95	9,710.76	64.19	152.280		
4,100.00	3,846.80	14,842.00	7,838.79	26.59	192.01	-83.47	-2,977.19	8,872.00	9,725.53	9,661.19	64.33	151.177		
4,200.00	3,938.56	14,842.00	7,838.79	27.36	192.01	-83.47	-2,977.19	8,872.00	9,676.89	9,612.41	64.48	150.086		
4,300.00	4,030.31	14,842.00	7,838.79	28.13	192.01	-83.47	-2,977.19	8,872.00	9,629.04	9,564.42	64.62	149.009		
4,400.00	4,122.07	14,842.00	7,838.79	28.90	192.01	-83.47	-2,977.19	8,872.00	9,582.00	9,517.23	64.77	147.945		
4,500.00	4,213.82	14,842.00	7,838.79	29.67	192.01	-83.47	-2,977.19	8,872.00	9,535.77	9,470.86	64.92	146.893		
4,600.00	4,305.58	14,842.00	7,838.79	30.44	192.01	-83.47	-2,977.19	8,872.00	9,490.38	9,425.31	65.07	145.853		
4,700.00	4,397.34	14,842.00	7,838.79	31.21	192.01	-83.47	-2,977.19	8,872.00	9,445.82	9,380.60	65.22	144.824		
4,800.00	4,489.09	14,842.00	7,838.79	31.98	192.01	-83.47	-2,977.19	8,872.00	9,402.12	9,336.74	65.38	143.806		
4,900.00	4,580.85	14,842.00	7,838.79	32.75	192.01	-83.47	-2,977.19	8,872.00	9,359.28	9,293.73	65.54	142.798		
5,000.00	4,672.60	14,842.00	7,838.79	33.52	192.01	-83.47	-2,977.19	8,872.00	9,317.31	9,251.61	65.71	141.799		
5,100.00	4,764.36	14,842.00	7,838.79	34.29	192.01	-83.47	-2,977.19	8,872.00	9,276.24	9,210.36	65.88	140.809		
5,200.00	4,856.12	14,842.00	7,838.79	35.06	192.01	-83.47	-2,977.19	8,872.00	9,236.06	9,170.01	66.05	139.825		
5,300.00	4,947.87	14,842.00	7,838.79	35.83	192.01	-83.47	-2,977.19	8,872.00	9,196.80	9,130.56	66.24	138.848		
5,400.00	5,039.63	14,842.00	7,838.79	36.60	192.01	-83.47	-2,977.19	8,872.00	9,158.46	9,092.04	66.43	137.876		
5,500.00	5,131.38	14,842.00	7,838.79	37.37	192.01	-83.47	-2,977.19	8,872.00	9,121.06	9,054.44	66.62	136.908		
5,600.00	5,223.14	14,842.00	7,838.79	38.14	192.01	-83.47	-2,977.19	8,872.00	9,084.60	9,017.77	66.83	135.942		
5,700.00	5,314.89	14,842.00	7,838.79	38.91	192.01	-83.47	-2,977.19	8,872.00	9,049.10	8,982.06	67.04	134.977		
5,800.00	5,406.65	14,842.00	7,838.79	39.69	192.01	-83.47	-2,977.19	8,872.00	9,014.57	8,947.30	67.27	134.011		
5,900.00	5,498.41	14,842.00	7,838.79	40.46	192.01	-83.47	-2,977.19	8,872.00	8,981.02	8,913.52	67.51	133.042		
6,000.00	5,590.16	14,842.00	7,838.79	41.23	192.01	-83.47	-2,977.19	8,872.00	8,948.47	8,880.71	67.76	132.069		
6,100.00	5,681.92	14,842.00	7,838.79	42.00	192.01	-83.47	-2,977.19	8,872.00	8,916.91	8,848.89	68.02	131.089		
6,200.00	5,773.67	14,842.00	7,838.79	42.77	192.01	-83.47	-2,977.19	8,872.00	8,886.37	8,818.07	68.30	130.101		
6,300.00	5,865.43	14,842.00	7,838.79	43.54	192.01	-83.47	-2,977.19	8,872.00	8,856.86	8,788.25	68.60	129.102		
6,400.00	5,957.18	14,842.00	7,838.79	44.31	192.01	-83.47	-2,977.19	8,872.00	8,828.37	8,759.45	68.92	128.089		
6,500.00	6,048.94	14,842.00	7,838.79	45.09	192.01	-83.47	-2,977.19	8,872.00	8,800.93	8,731.67	69.27	127.062		
6,600.00	6,140.70	14,842.00	7,838.79	45.86	192.01	-83.47	-2,977.19	8,872.00	8,774.55	8,704.92	69.63	126.016		
6,700.00	6,232.45	14,842.00	7,838.79	46.63	192.01	-83.47	-2,977.19	8,872.00	8,749.23	8,679.21	70.02	124.951		
6,800.00	6,324.21	14,842.00	7,838.79	47.40	192.01	-83.47	-2,977.19	8,872.00	8,724.98	8,654.54	70.44	123.863		
6,900.00	6,415.96	14,842.00	7,838.79	48.17	192.01	-83.47	-2,977.19	8,872.00	8,701.81	8,630.92	70.89	122.751		
7,000.00	6,507.72	14,842.00	7,838.79	48.94	192.01	-83.47	-2,977.19	8,872.00	8,679.74	8,608.36	71.37	121.613		
7,100.00	6,599.48	14,842.00	7,838.79	49.72	192.01	-83.47	-2,977.19	8,872.00	8,658.76	8,586.87	71.89	120.447		
7,200.00	6,691.23	14,842.00	7,838.79	50.49	192.01	-83.47	-2,977.19	8,872.00	8,638.89	8,566.44	72.44	119.252		
7,300.00	6,782.99	14,842.00	7,838.79	51.26	192.01	-83.47	-2,977.19	8,872.00	8,620.13	8,547.09	73.03	118.028		
7,400.00	6,874.74	14,842.00	7,838.79	52.03	192.01	-83.47	-2,977.19	8,872.00	8,602.49	8,528.83	73.67	116.773		
7,500.00	6,966.50	14,842.00	7,838.79	52.80	192.01	-83.47	-2,977.19	8,872.00	8,585.99	8,511.64	74.34	115.489		
7,600.00	7,058.25	14,842.00	7,838.79	53.57	192.01	-83.47	-2,977.19	8,872.00	8,570.62	8,495.55	75.07	114.176		
7,700.00	7,150.01	14,842.00	7,838.79	54.35	192.01	-83.47	-2,977.19	8,872.00	8,556.39	8,480.55	75.83	112.836		
7,800.00	7,241.77	14,842.00	7,838.79	55.12	192.01	-83.47	-2,977.19	8,872.00	8,543.30	8,466.66	76.64	111.470		
7,900.00	7,333.52	14,842.00	7,838.79	55.89	192.01	-83.47	-2,977.19	8,872.00	8,531.37	8,453.87	77.50	110.083		
8,000.00	7,425.28	14,842.00	7,838.79	56.66	192.01	-83.47	-2,977.19	8,872.00	8,520.60	8,442.19	78.40	108.677		
8,029.56	7,452.40	14,842.00	7,838.79	56.89	192.01	-83.47	-2,977.19	8,872.00	8,517.63	8,438.95	78.68	108.258		
8,050.00	7,471.13	14,842.00	7,838.79	57.05	192.01	-78.86	-2,977.19	8,872.00	8,515.28	8,436.41	78.87	107.963		
8,100.00	7,516.65	14,842.00	7,838.79	57.44	192.01	-68.37	-2,977.19	8,872.00	8,506.69	8,427.34	79.35	107.203		
8,150.00	7,561.46	14,842.00	7,838.79	57.84	192.01	-59.39	-2,977.19	8,872.00	8,494.12	8,414.29	79.84	106.395		
8,200.00	7,605.22	14,842.00	7,838.79	58.24	192.01	-52.01	-2,977.19	8,872.00	8,477.65	8,397.33	80.32	105.548		
8,250.00	7,647.60	14,842.00	7,838.79	58.63	192.01	-46.09	-2,977.19	8,872.00	8,457.38	8,376.58	80.80	104.672		
8,300.00	7,688.27	14,842.00	7,838.79	59.02	192.01	-41.37	-2,977.19	8,872.00	8,433.43	8,352.16	81.27	103.773		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ MONTEZUMA 4-64 18-13 4H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2176-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,350.00	7,726.93	14,842.00	7,838.79	59.40	192.01	-37.62	-2,977.19	8,872.00	8,405.97	8,324.24	81.72	102.858		
8,400.00	7,763.27	14,842.00	7,838.79	59.77	192.01	-34.64	-2,977.19	8,872.00	8,375.15	8,292.99	82.16	101.934		
8,450.00	7,797.04	14,842.00	7,838.79	60.13	192.01	-32.27	-2,977.19	8,872.00	8,341.20	8,258.62	82.58	101.010		
8,500.00	7,827.95	14,842.00	7,838.79	60.49	192.01	-30.40	-2,977.19	8,872.00	8,304.31	8,221.35	82.97	100.091		
8,550.00	7,855.79	14,842.00	7,838.79	60.83	192.01	-28.95	-2,977.19	8,872.00	8,264.75	8,181.42	83.33	99.185		
8,600.00	7,880.34	14,842.00	7,838.79	61.16	192.01	-27.87	-2,977.19	8,872.00	8,222.77	8,139.12	83.65	98.299		
8,650.00	7,901.41	14,842.00	7,838.79	61.49	192.01	-27.14	-2,977.19	8,872.00	8,178.66	8,094.72	83.94	97.439		
8,700.00	7,918.85	14,842.00	7,838.79	61.80	192.01	-26.77	-2,977.19	8,872.00	8,132.72	8,048.54	84.18	96.612		
8,750.00	7,932.51	14,842.00	7,838.79	62.09	192.01	-26.87	-2,977.19	8,872.00	8,085.27	8,000.89	84.38	95.822		
8,800.00	7,942.31	14,842.00	7,838.79	62.38	192.01	-27.77	-2,977.19	8,872.00	8,036.65	7,952.12	84.53	95.076		
8,850.00	7,948.15	14,842.00	7,838.79	62.66	192.01	-31.01	-2,977.19	8,872.00	7,987.22	7,902.59	84.63	94.377		
8,898.08	7,950.00	14,842.00	7,838.79	62.91	192.01	-56.98	-2,977.19	8,872.00	7,939.26	7,854.58	84.68	93.753		
8,900.00	7,950.00	14,842.00	7,838.79	62.92	192.01	-56.98	-2,977.19	8,872.00	7,937.34	7,852.65	84.68	93.729		
9,000.00	7,950.00	14,842.00	7,838.79	63.47	192.01	-56.98	-2,977.19	8,872.00	7,837.37	7,752.63	84.74	92.484		
9,100.00	7,950.00	14,842.00	7,838.79	64.09	192.01	-56.98	-2,977.19	8,872.00	7,737.40	7,652.60	84.80	91.238		
9,200.00	7,950.00	14,842.00	7,838.79	64.78	192.01	-56.98	-2,977.19	8,872.00	7,637.44	7,552.57	84.87	89.993		
9,300.00	7,950.00	14,842.00	7,838.79	65.55	192.01	-56.98	-2,977.19	8,872.00	7,537.47	7,452.54	84.93	88.746		
9,400.00	7,950.00	14,842.00	7,838.79	66.41	192.01	-56.98	-2,977.19	8,872.00	7,437.51	7,352.51	85.00	87.500		
9,500.00	7,950.00	14,842.00	7,838.79	67.35	192.01	-56.98	-2,977.19	8,872.00	7,337.55	7,252.48	85.07	86.253		
9,600.00	7,950.00	14,842.00	7,838.79	68.38	192.01	-56.98	-2,977.19	8,872.00	7,237.59	7,152.45	85.14	85.006		
9,700.00	7,950.00	14,842.00	7,838.79	69.50	192.01	-56.98	-2,977.19	8,872.00	7,137.63	7,052.41	85.22	83.759		
9,800.00	7,950.00	14,842.00	7,838.79	70.71	192.01	-56.98	-2,977.19	8,872.00	7,037.67	6,952.38	85.29	82.512		
9,900.00	7,950.00	14,842.00	7,838.79	72.01	192.01	-56.98	-2,977.19	8,872.00	6,937.71	6,852.34	85.37	81.264		
10,000.00	7,950.00	14,842.00	7,838.79	73.40	192.01	-56.98	-2,977.19	8,872.00	6,837.76	6,752.30	85.45	80.016		
10,100.00	7,950.00	14,842.00	7,838.79	74.87	192.01	-56.98	-2,977.19	8,872.00	6,737.80	6,652.26	85.54	78.768		
10,200.00	7,950.00	14,842.00	7,838.79	76.42	192.01	-56.98	-2,977.19	8,872.00	6,637.85	6,552.22	85.63	77.519		
10,300.00	7,950.00	14,842.00	7,838.79	78.05	192.01	-56.98	-2,977.19	8,872.00	6,537.89	6,452.18	85.72	76.271		
10,400.00	7,950.00	14,842.00	7,838.79	79.75	192.01	-56.98	-2,977.19	8,872.00	6,437.94	6,352.13	85.81	75.022		
10,500.00	7,950.00	14,842.00	7,838.79	81.52	192.01	-56.98	-2,977.19	8,872.00	6,337.99	6,252.08	85.91	73.773		
10,600.00	7,950.00	14,842.00	7,838.79	83.35	192.01	-56.98	-2,977.19	8,872.00	6,238.05	6,152.03	86.01	72.525		
10,700.00	7,950.00	14,842.00	7,838.79	85.24	192.01	-56.98	-2,977.19	8,872.00	6,138.10	6,051.98	86.12	71.276		
10,800.00	7,950.00	14,842.00	7,838.79	87.18	192.01	-56.98	-2,977.19	8,872.00	6,038.16	5,951.93	86.23	70.027		
10,900.00	7,950.00	14,842.00	7,838.79	89.18	192.01	-56.98	-2,977.19	8,872.00	5,938.21	5,851.88	86.34	68.778		
11,000.00	7,950.00	14,842.00	7,838.79	91.22	192.01	-56.98	-2,977.19	8,872.00	5,838.27	5,751.82	86.46	67.529		
11,100.00	7,950.00	14,842.00	7,838.79	93.30	192.01	-56.98	-2,977.19	8,872.00	5,738.34	5,651.76	86.58	66.279		
11,200.00	7,950.00	14,842.00	7,838.79	95.43	192.01	-56.98	-2,977.19	8,872.00	5,638.40	5,551.70	86.70	65.030		
11,300.00	7,950.00	14,842.00	7,838.79	97.58	192.01	-56.98	-2,977.19	8,872.00	5,538.47	5,451.63	86.84	63.781		
11,400.00	7,950.00	14,842.00	7,838.79	99.78	192.01	-56.98	-2,977.19	8,872.00	5,438.54	5,351.56	86.97	62.532		
11,500.00	7,950.00	14,842.00	7,838.79	102.00	192.01	-56.98	-2,977.19	8,872.00	5,338.61	5,251.49	87.11	61.283		
11,600.00	7,950.00	14,842.00	7,838.79	104.25	192.01	-56.98	-2,977.19	8,872.00	5,238.68	5,151.42	87.26	60.034		
11,700.00	7,950.00	14,842.00	7,838.79	106.52	192.01	-56.98	-2,977.19	8,872.00	5,138.76	5,051.34	87.42	58.786		
11,800.00	7,950.00	14,842.00	7,838.79	108.82	192.01	-56.98	-2,977.19	8,872.00	5,038.84	4,951.26	87.58	57.537		
11,900.00	7,950.00	14,842.00	7,838.79	111.14	192.01	-56.98	-2,977.19	8,872.00	4,938.92	4,851.18	87.74	56.288		
12,000.00	7,950.00	14,842.00	7,838.79	113.48	192.01	-56.98	-2,977.19	8,872.00	4,839.01	4,751.09	87.92	55.040		
12,100.00	7,950.00	14,842.00	7,838.79	115.84	192.01	-56.98	-2,977.19	8,872.00	4,739.10	4,651.00	88.10	53.792		
12,200.00	7,950.00	14,842.00	7,838.79	118.21	192.01	-56.98	-2,977.19	8,872.00	4,639.19	4,550.90	88.29	52.544		
12,300.00	7,950.00	14,842.00	7,838.79	120.61	192.01	-56.98	-2,977.19	8,872.00	4,539.29	4,450.80	88.49	51.296		
12,400.00	7,950.00	14,842.00	7,838.79	123.01	192.01	-56.98	-2,977.19	8,872.00	4,439.39	4,350.69	88.70	50.048		
12,500.00	7,950.00	14,842.00	7,838.79	125.43	192.01	-56.98	-2,977.19	8,872.00	4,339.50	4,250.58	88.92	48.801		
12,600.00	7,950.00	14,842.00	7,838.79	127.87	192.01	-56.98	-2,977.19	8,872.00	4,239.61	4,150.46	89.15	47.554		
12,700.00	7,950.00	14,842.00	7,838.79	130.31	192.01	-56.98	-2,977.19	8,872.00	4,139.73	4,050.33	89.40	46.307		
12,800.00	7,950.00	14,842.00	7,838.79	132.77	192.01	-56.98	-2,977.19	8,872.00	4,039.86	3,950.20	89.65	45.060		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ MONTEZUMA 4-64 18-13 4H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2176-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,900.00	7,950.00	14,842.00	7,838.79	135.24	192.01	-56.98	-2,977.19	8,872.00	3,939.99	3,850.06	89.92	43.814		
13,000.00	7,950.00	14,842.00	7,838.79	137.71	192.01	-56.98	-2,977.19	8,872.00	3,840.12	3,749.91	90.21	42.569		
13,100.00	7,950.00	14,842.00	7,838.79	140.20	192.01	-56.98	-2,977.19	8,872.00	3,740.27	3,649.75	90.51	41.323		
13,200.00	7,950.00	14,842.00	7,838.79	142.69	192.01	-56.98	-2,977.19	8,872.00	3,640.42	3,549.59	90.83	40.078		
13,300.00	7,950.00	14,842.00	7,838.79	145.20	192.01	-56.98	-2,977.19	8,872.00	3,540.58	3,449.41	91.17	38.834		
13,400.00	7,950.00	14,842.00	7,838.79	147.71	192.01	-56.98	-2,977.19	8,872.00	3,440.75	3,349.22	91.53	37.590		
13,500.00	7,950.00	14,842.00	7,838.79	150.23	192.01	-56.98	-2,977.19	8,872.00	3,340.93	3,249.01	91.92	36.346		
13,600.00	7,950.00	14,842.00	7,838.79	152.75	192.01	-56.98	-2,977.19	8,872.00	3,241.12	3,148.79	92.33	35.103		
13,700.00	7,950.00	14,842.00	7,838.79	155.28	192.01	-56.98	-2,977.19	8,872.00	3,141.33	3,048.56	92.77	33.861		
13,800.00	7,950.00	14,842.00	7,838.79	157.82	192.01	-56.98	-2,977.19	8,872.00	3,041.54	2,948.30	93.24	32.620		
13,900.00	7,950.00	14,842.00	7,838.79	160.36	192.01	-56.98	-2,977.19	8,872.00	2,941.78	2,848.03	93.75	31.379		
14,000.00	7,950.00	14,842.00	7,838.79	162.91	192.01	-56.98	-2,977.19	8,872.00	2,842.02	2,747.73	94.30	30.139		
14,100.00	7,950.00	14,842.00	7,838.79	165.47	192.01	-56.98	-2,977.19	8,872.00	2,742.29	2,647.40	94.89	28.901		
14,200.00	7,950.00	14,842.00	7,838.79	168.02	192.01	-56.98	-2,977.19	8,872.00	2,642.58	2,547.05	95.53	27.663		
14,300.00	7,950.00	14,842.00	7,838.79	170.59	192.01	-56.98	-2,977.19	8,872.00	2,542.88	2,446.66	96.22	26.427		
14,400.00	7,950.00	14,842.00	7,838.79	173.15	192.01	-56.98	-2,977.19	8,872.00	2,443.22	2,346.23	96.98	25.192		
14,500.00	7,950.00	14,842.00	7,838.79	175.73	192.01	-56.98	-2,977.19	8,872.00	2,343.58	2,245.77	97.82	23.959		
14,600.00	7,950.00	14,842.00	7,838.79	178.30	192.01	-56.98	-2,977.19	8,872.00	2,243.98	2,145.24	98.73	22.728		
14,700.00	7,950.00	14,842.00	7,838.79	180.88	192.01	-56.98	-2,977.19	8,872.00	2,144.41	2,044.67	99.74	21.500		
14,800.00	7,950.00	14,842.00	7,838.79	183.46	192.01	-56.98	-2,977.19	8,872.00	2,044.88	1,944.02	100.86	20.274		
14,900.00	7,950.00	14,842.00	7,838.79	186.05	192.01	-56.98	-2,977.19	8,872.00	1,945.40	1,843.29	102.11	19.051		
15,000.00	7,950.00	14,842.00	7,838.79	188.64	192.01	-56.98	-2,977.19	8,872.00	1,845.98	1,742.47	103.52	17.833		
15,100.00	7,950.00	14,842.00	7,838.79	191.23	192.01	-56.98	-2,977.19	8,872.00	1,746.63	1,641.53	105.10	16.619		
15,200.00	7,950.00	14,842.00	7,838.79	193.83	192.01	-56.98	-2,977.19	8,872.00	1,647.35	1,540.45	106.89	15.411		
15,300.00	7,950.00	14,842.00	7,838.79	196.43	192.01	-56.98	-2,977.19	8,872.00	1,548.16	1,439.21	108.95	14.210		
15,400.00	7,950.00	14,842.00	7,838.79	199.03	192.01	-56.98	-2,977.19	8,872.00	1,449.09	1,337.77	111.32	13.018		
15,500.00	7,950.00	14,842.00	7,838.79	201.63	192.01	-56.98	-2,977.19	8,872.00	1,350.16	1,236.08	114.07	11.836		
15,600.00	7,950.00	14,842.00	7,838.79	204.24	192.01	-56.98	-2,977.19	8,872.00	1,251.39	1,134.07	117.32	10.667		
15,700.00	7,950.00	14,842.00	7,838.79	206.85	192.01	-56.98	-2,977.19	8,872.00	1,152.84	1,031.67	121.17	9.514		
15,800.00	7,950.00	14,842.00	7,838.79	209.46	192.01	-56.98	-2,977.19	8,872.00	1,054.55	928.75	125.81	8.382		
15,900.00	7,950.00	14,842.00	7,838.79	212.08	192.01	-56.98	-2,977.19	8,872.00	956.63	825.15	131.48	7.276		
16,000.00	7,950.00	14,842.00	7,838.79	214.69	192.01	-56.98	-2,977.19	8,872.00	859.18	720.65	138.54	6.202		
16,100.00	7,950.00	14,842.00	7,838.79	217.31	192.01	-56.98	-2,977.19	8,872.00	762.40	614.91	147.48	5.169		
16,200.00	7,950.00	14,842.00	7,838.79	219.93	192.01	-56.98	-2,977.19	8,872.00	666.56	507.46	159.10	4.189		
16,300.00	7,950.00	14,842.00	7,838.79	222.55	192.01	-56.98	-2,977.19	8,872.00	572.15	397.55	174.60	3.277		
16,400.00	7,950.00	14,842.00	7,838.79	225.18	192.01	-56.98	-2,977.19	8,872.00	480.01	284.14	195.87	2.451		
16,500.00	7,950.00	14,842.00	7,838.79	227.80	192.01	-56.98	-2,977.19	8,872.00	391.75	165.89	225.86	1.734		
16,600.00	7,950.00	14,842.00	7,838.79	230.43	192.01	-56.98	-2,977.19	8,872.00	310.68	42.37	268.31	1.158 Level 2		
16,680.54	7,950.00	14,842.00	7,838.79	232.54	192.01	-56.98	-2,977.19	8,872.00	255.35	-56.38	311.73	0.819 Level 1, CC, ES, SF		

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 13-14 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2310-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	2,218.00	2,217.98	0.00	0.00	108.76	-322.83	950.65	2,437.63					
100.00	100.00	2,218.00	2,217.98	0.13	0.00	108.76	-322.83	950.65	2,346.87	2,344.79	2.08	1,128.749		
200.00	200.00	2,218.00	2,217.98	0.49	0.00	108.76	-322.83	950.65	2,256.89	2,254.81	2.08	1,085.935		
250.00	250.00	2,218.00	2,217.98	0.67	0.00	108.76	-322.83	950.65	2,212.22	2,210.13	2.08	1,061.442		
300.00	300.00	2,218.00	2,217.98	0.84	0.00	-65.71	-322.83	950.65	2,167.70	2,165.60	2.10	1,033.347		
400.00	399.93	2,218.00	2,217.98	1.18	0.00	-69.27	-322.83	950.65	2,078.90	2,076.76	2.14	970.912		
500.00	499.68	2,218.00	2,217.98	1.54	0.00	-72.84	-322.83	950.65	1,990.57	1,988.36	2.21	901.475		
600.00	599.13	2,218.00	2,217.98	1.91	0.00	-76.35	-322.83	950.65	1,902.88	1,900.58	2.30	828.071		
700.00	698.15	2,218.00	2,217.98	2.31	0.00	-79.78	-322.83	950.65	1,816.04	1,813.63	2.42	751.719		
800.00	796.63	2,218.00	2,217.98	2.74	0.00	-83.08	-322.83	950.65	1,730.30	1,727.73	2.57	673.608		
900.00	894.44	2,218.00	2,217.98	3.20	0.00	-86.21	-322.83	950.65	1,645.93	1,643.17	2.77	595.220		
1,000.00	991.46	2,218.00	2,217.98	3.70	0.00	-89.14	-322.83	950.65	1,563.27	1,560.26	3.02	518.346		
1,100.00	1,087.58	2,218.00	2,217.98	4.24	0.00	-91.86	-322.83	950.65	1,482.72	1,479.39	3.33	444.949		
1,200.00	1,182.68	2,218.00	2,217.98	4.82	0.00	-94.35	-322.83	950.65	1,404.74	1,401.02	3.73	376.898		
1,300.00	1,276.65	2,218.00	2,217.98	5.45	0.00	-96.60	-322.83	950.65	1,329.90	1,325.68	4.21	315.674		
1,400.00	1,369.36	2,218.00	2,217.98	6.13	0.00	-98.60	-322.83	950.65	1,258.84	1,254.03	4.80	262.177		
1,421.41	1,389.04	2,218.00	2,217.98	6.28	0.00	-99.00	-322.83	950.65	1,244.18	1,239.24	4.94	251.840		
1,500.00	1,461.15	2,218.00	2,217.98	6.84	0.00	-99.00	-322.83	950.65	1,192.20	1,186.70	5.50	216.946		
1,600.00	1,552.91	2,218.00	2,217.98	7.57	0.00	-99.00	-322.83	950.65	1,130.50	1,124.22	6.28	179.935		
1,700.00	1,644.66	2,218.00	2,217.98	8.30	0.00	-99.00	-322.83	950.65	1,074.58	1,067.43	7.15	150.244		
1,800.00	1,736.42	2,218.00	2,217.98	9.04	0.00	-99.00	-322.83	950.65	1,025.39	1,017.30	8.09	126.760		
1,900.00	1,828.17	2,218.00	2,217.98	9.79	0.00	-99.00	-322.83	950.65	983.93	974.86	9.07	108.470		
2,000.00	1,919.93	2,218.00	2,217.98	10.54	0.00	-99.00	-322.83	950.65	951.21	941.15	10.07	94.504		
2,100.00	2,011.68	2,218.00	2,217.98	11.29	0.00	-99.00	-322.83	950.65	928.17	917.14	11.03	84.133		
2,200.00	2,103.44	2,218.00	2,217.98	12.05	0.00	-99.00	-322.83	950.65	915.53	903.60	11.93	76.759		
2,266.53	2,164.49	2,218.00	2,217.98	12.55	0.00	-99.00	-322.83	950.65	913.11	900.65	12.46	73.266 CC, ES		
2,300.00	2,195.20	2,218.00	2,217.98	12.80	0.00	-99.00	-322.83	950.65	913.72	901.01	12.71	71.890		
2,400.00	2,286.95	2,283.33	2,283.31	13.56	0.12	-100.58	-323.19	950.80	920.50	906.98	13.52	68.092		
2,500.00	2,378.71	2,367.58	2,367.56	14.32	0.37	-102.61	-323.28	951.10	929.53	915.09	14.44	64.388		
2,600.00	2,470.46	2,448.86	2,448.81	15.09	0.65	-104.63	-321.49	951.61	941.21	925.85	15.36	61.269		
2,700.00	2,562.22	2,532.25	2,532.12	15.85	0.95	-106.75	-317.93	952.20	955.46	939.19	16.27	58.737		
2,800.00	2,653.98	2,622.86	2,622.62	16.61	1.27	-109.02	-313.34	952.88	971.82	954.64	17.18	56.572		
2,900.00	2,745.73	2,720.71	2,720.32	17.38	1.63	-111.45	-307.96	952.59	989.29	971.20	18.10	54.669		
3,000.00	2,837.49	2,813.17	2,812.62	18.14	1.97	-113.70	-302.67	951.62	1,008.00	989.04	18.96	53.152		
3,100.00	2,929.24	2,903.32	2,902.61	18.91	2.30	-115.84	-297.41	950.38	1,028.16	1,008.37	19.80	51.935		
3,200.00	3,021.00	2,991.87	2,991.01	19.67	2.62	-117.87	-292.32	949.25	1,049.90	1,029.30	20.60	50.966		
3,300.00	3,112.75	3,080.51	3,079.49	20.44	2.95	-119.82	-287.21	948.15	1,073.13	1,051.75	21.38	50.191		
3,400.00	3,204.51	3,167.82	3,166.64	21.21	3.27	-121.67	-282.12	947.17	1,097.84	1,075.71	22.14	49.597		
3,500.00	3,296.27	3,251.94	3,250.65	21.98	3.58	-123.34	-277.77	947.14	1,124.11	1,101.25	22.86	49.176		
3,600.00	3,388.02	3,342.43	3,341.05	22.74	3.90	-125.01	-273.79	948.04	1,151.64	1,128.04	23.61	48.786		
3,700.00	3,479.78	3,436.00	3,434.54	23.51	4.24	-126.65	-270.05	949.11	1,179.98	1,155.62	24.36	48.441		
3,800.00	3,571.53	3,530.07	3,528.54	24.28	4.58	-128.22	-266.41	949.88	1,208.92	1,183.82	25.10	48.155		
3,900.00	3,663.29	3,622.16	3,620.55	25.05	4.92	-129.72	-262.69	950.11	1,238.48	1,212.65	25.83	47.953		
4,000.00	3,755.05	3,716.48	3,714.81	25.82	5.26	-131.19	-259.17	950.36	1,268.63	1,242.07	26.55	47.774		
4,100.00	3,846.80	3,807.86	3,806.14	26.59	5.59	-132.53	-256.11	950.71	1,299.29	1,272.02	27.26	47.662		
4,200.00	3,938.56	3,895.62	3,893.84	27.36	5.90	-133.76	-253.16	951.11	1,330.67	1,302.73	27.94	47.628		
4,300.00	4,030.31	3,983.53	3,981.69	28.13	6.22	-134.95	-249.94	951.48	1,362.86	1,334.25	28.61	47.633		
4,400.00	4,122.07	4,076.02	4,074.10	28.90	6.56	-136.18	-246.15	951.34	1,395.70	1,366.39	29.30	47.630		
4,500.00	4,213.82	4,172.58	4,170.60	29.67	6.91	-137.39	-242.60	951.22	1,428.79	1,398.77	30.02	47.599		
4,600.00	4,305.58	4,256.54	4,254.50	30.44	7.21	-138.40	-239.73	951.19	1,462.25	1,431.60	30.65	47.704		
4,700.00	4,397.34	4,342.43	4,340.32	31.21	7.52	-139.39	-236.18	951.21	1,496.76	1,465.47	31.29	47.827		
4,800.00	4,489.09	4,441.38	4,439.21	31.98	7.88	-140.48	-232.45	951.47	1,531.56	1,499.54	32.02	47.830		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 13-14 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2310-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,528.65	4,526.43	32.75	8.20	-141.38	-229.74	951.82	1,566.31	1,533.63	32.67	47.937		
5,000.00	4,672.60	4,608.39	4,606.11	33.52	8.48	-142.19	-226.48	952.03	1,602.13	1,568.86	33.27	48.151		
5,100.00	4,764.36	4,698.64	4,696.27	34.29	8.81	-143.08	-222.53	952.14	1,638.52	1,604.58	33.94	48.279		
5,200.00	4,856.12	4,790.95	4,788.48	35.06	9.15	-143.96	-218.42	952.02	1,675.22	1,640.61	34.62	48.395		
5,300.00	4,947.87	4,889.36	4,886.81	35.83	9.51	-144.86	-214.44	951.93	1,711.94	1,676.60	35.33	48.449		
5,400.00	5,039.63	4,990.67	4,988.06	36.60	9.87	-145.72	-211.03	952.03	1,748.48	1,712.40	36.08	48.466		
5,500.00	5,131.38	5,083.98	5,081.35	37.37	10.21	-146.47	-208.59	952.27	1,784.72	1,747.95	36.77	48.538		
5,600.00	5,223.14	5,169.66	5,166.98	38.14	10.52	-147.14	-205.83	952.31	1,821.64	1,784.23	37.41	48.696		
5,700.00	5,314.89	5,275.42	5,272.71	38.91	10.90	-147.94	-203.13	952.05	1,858.12	1,819.94	38.18	48.665		
5,800.00	5,406.65	5,356.38	5,353.63	39.69	11.19	-148.53	-200.92	951.63	1,894.92	1,856.13	38.79	48.851		
5,900.00	5,498.41	5,428.00	5,425.21	40.46	11.44	-149.05	-198.45	951.09	1,932.52	1,893.19	39.33	49.135		
6,000.00	5,590.16	5,485.63	5,482.77	41.23	11.66	-149.47	-195.69	950.76	1,971.54	1,931.77	39.77	49.575		
6,100.00	5,681.92	5,541.79	5,538.81	42.00	11.86	-149.86	-191.98	950.77	2,012.40	1,972.21	40.19	50.075		
6,200.00	5,773.67	5,605.96	5,602.78	42.77	12.10	-150.30	-186.95	951.09	2,054.67	2,014.01	40.66	50.531		
6,300.00	5,865.43	5,682.31	5,678.83	43.54	12.39	-150.81	-180.29	951.70	2,097.95	2,056.72	41.23	50.889		
6,400.00	5,957.18	5,816.90	5,812.95	44.31	12.89	-151.68	-169.06	951.99	2,141.09	2,098.86	42.23	50.700		
6,500.00	6,048.94	5,984.47	5,980.23	45.09	13.51	-152.72	-159.63	949.81	2,181.66	2,138.22	43.44	50.219		
6,600.00	6,140.70	6,148.09	6,143.81	45.86	14.07	-153.62	-157.43	947.67	2,218.26	2,173.67	44.59	49.748		
6,700.00	6,232.45	6,244.74	6,240.45	46.63	14.40	-154.11	-157.57	946.74	2,254.11	2,208.82	45.30	49.762		
6,800.00	6,324.21	6,329.65	6,325.37	47.40	14.68	-154.51	-157.78	946.14	2,290.09	2,244.15	45.93	49.856		
6,900.00	6,415.96	6,408.34	6,404.05	48.17	14.95	-154.87	-157.74	946.23	2,326.64	2,280.10	46.54	49.993		
7,000.00	6,507.72	6,487.53	6,483.24	48.94	15.22	-155.21	-157.33	946.72	2,363.82	2,316.67	47.15	50.131		
7,100.00	6,599.48	6,580.57	6,576.27	49.72	15.54	-155.58	-156.64	947.88	2,401.46	2,353.60	47.86	50.174		
7,200.00	6,691.23	6,696.76	6,692.46	50.49	15.93	-156.05	-157.00	948.65	2,438.01	2,389.29	48.72	50.046		
7,300.00	6,782.99	6,764.93	6,760.62	51.26	16.16	-156.31	-156.92	949.07	2,475.12	2,425.86	49.25	50.252		
7,400.00	6,874.74	6,828.29	6,823.98	52.03	16.39	-156.55	-156.21	949.69	2,513.28	2,463.52	49.76	50.504		
7,500.00	6,966.50	6,952.64	6,948.31	52.80	16.82	-157.01	-154.67	950.73	2,551.65	2,500.95	50.70	50.331		
7,600.00	7,058.25	7,051.48	7,047.15	53.57	17.17	-157.37	-154.38	951.35	2,589.15	2,537.70	51.45	50.323		
7,700.00	7,150.01	7,146.13	7,141.79	54.35	17.49	-157.69	-154.35	952.16	2,626.54	2,574.37	52.17	50.343		
7,800.00	7,241.77	7,234.41	7,230.06	55.12	17.79	-157.97	-154.45	953.34	2,663.97	2,611.12	52.85	50.402		
7,900.00	7,333.52	7,305.63	7,300.52	55.89	18.03	-157.99	-156.13	962.89	2,701.91	2,648.44	53.48	50.525		
8,000.00	7,425.28	7,362.22	7,354.92	56.66	18.21	-157.83	-158.91	978.16	2,740.59	2,686.55	54.03	50.722		
8,029.56	7,452.40	7,377.00	7,368.99	56.89	18.26	-157.78	-159.51	982.67	2,752.39	2,698.21	54.18	50.800		
8,050.00	7,471.13	7,377.00	7,368.99	57.05	18.26	-152.31	-159.51	982.67	2,760.53	2,706.34	54.19	50.941		
8,100.00	7,516.65	7,389.23	7,380.60	57.44	18.30	-139.75	-159.88	986.51	2,780.10	2,725.77	54.32	51.178		
8,150.00	7,561.46	7,409.00	7,399.29	57.84	18.36	-128.82	-160.23	992.92	2,799.01	2,744.49	54.52	51.339		
8,200.00	7,605.22	7,409.00	7,399.29	58.24	18.36	-119.61	-160.23	992.92	2,817.08	2,762.56	54.52	51.669		
8,250.00	7,647.60	7,440.00	7,428.34	58.63	18.46	-112.07	-160.38	1,003.72	2,834.14	2,779.31	54.83	51.693		
8,300.00	7,688.27	7,466.73	7,453.10	59.02	18.55	-105.91	-160.42	1,013.81	2,849.99	2,794.90	55.09	51.730		
8,350.00	7,726.93	7,503.00	7,486.31	59.40	18.68	-100.95	-160.66	1,028.38	2,864.26	2,808.79	55.47	51.637		
8,400.00	7,763.27	7,525.60	7,506.75	59.77	18.76	-96.85	-160.82	1,038.01	2,877.06	2,821.35	55.71	51.644		
8,450.00	7,797.04	7,535.00	7,515.18	60.13	18.79	-93.41	-160.84	1,042.18	2,888.53	2,832.72	55.81	51.756		
8,500.00	7,827.95	7,552.21	7,530.46	60.49	18.86	-90.67	-160.74	1,050.10	2,898.61	2,842.60	56.01	51.748		
8,550.00	7,855.79	7,566.00	7,542.55	60.83	18.91	-88.43	-160.52	1,056.72	2,907.33	2,851.14	56.19	51.737		
8,600.00	7,880.34	7,576.28	7,551.47	61.16	18.95	-86.62	-160.28	1,061.81	2,914.60	2,858.25	56.36	51.719		
8,650.00	7,901.41	7,598.00	7,570.08	61.49	19.05	-85.36	-159.60	1,072.99	2,920.45	2,863.76	56.68	51.522		
8,700.00	7,918.85	7,605.42	7,576.36	61.80	19.08	-84.30	-159.32	1,076.94	2,924.70	2,867.83	56.86	51.433		
8,750.00	7,932.51	7,739.97	7,682.20	62.09	19.76	-85.12	-158.92	1,159.57	2,926.41	2,867.58	58.83	49.741		
8,800.00	7,942.31	7,755.00	7,692.79	62.38	19.85	-84.91	-159.35	1,170.23	2,926.01	2,866.79	59.22	49.407		
8,850.00	7,948.15	7,773.47	7,705.36	62.66	19.97	-85.05	-159.80	1,183.76	2,924.14	2,864.43	59.71	48.974		
8,898.08	7,950.00	7,786.00	7,713.58	62.91	20.05	-85.41	-160.05	1,193.21	2,921.02	2,860.90	60.12	48.584		
8,900.00	7,950.00	7,786.00	7,713.58	62.92	20.05	-85.41	-160.05	1,193.21	2,920.87	2,860.74	60.13	48.574		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 13-14 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2310-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	7,818.00	7,733.50	63.47	20.27	-85.80	-160.49	1,218.24	2,914.36	2,853.17	61.19	47.628		
9,100.00	7,950.00	7,849.00	7,751.30	64.09	20.51	-86.15	-160.65	1,243.62	2,910.34	2,847.99	62.34	46.683		
9,200.00	7,950.00	7,881.00	7,768.00	64.78	20.78	-86.48	-160.35	1,270.90	2,908.88	2,845.26	63.62	45.725		
9,202.98	7,950.00	7,881.00	7,768.00	64.80	20.78	-86.48	-160.35	1,270.90	2,908.88	2,845.24	63.64	45.708		
9,300.00	7,950.00	7,912.00	7,782.46	65.55	21.07	-86.76	-159.46	1,298.30	2,910.05	2,845.08	64.97	44.791		
9,400.00	7,950.00	7,967.62	7,803.68	66.41	21.64	-87.18	-157.16	1,349.63	2,913.36	2,846.44	66.92	43.535		
9,500.00	7,950.00	9,500.00	7,826.02	67.35	41.66	-87.63	-153.16	1,439.39	2,917.77	2,829.19	88.58	32.939		
9,600.00	7,950.00	8,175.43	7,836.07	68.38	24.40	-87.83	-149.45	1,553.86	2,921.73	2,848.21	73.52	39.739		
9,700.00	7,950.00	8,239.31	7,836.01	69.50	25.41	-87.83	-147.18	1,617.70	2,926.34	2,850.22	76.12	38.441		
9,800.00	7,950.00	8,485.71	7,833.60	70.71	29.90	-87.79	-144.82	1,864.03	2,927.65	2,843.60	84.05	34.832		
9,900.00	7,950.00	8,570.91	7,832.61	72.01	31.64	-87.77	-145.40	1,949.21	2,928.10	2,840.37	87.73	33.376		
10,000.00	7,950.00	8,655.53	7,831.59	73.40	33.43	-87.75	-145.61	2,033.83	2,929.01	2,837.52	91.49	32.013		
10,100.00	7,950.00	8,773.82	7,828.20	74.87	36.03	-87.68	-146.06	2,152.07	2,929.84	2,833.41	96.44	30.381		
10,200.00	7,950.00	8,914.58	7,824.81	76.42	39.22	-87.62	-147.52	2,292.77	2,930.14	2,827.88	102.25	28.656		
10,300.00	7,950.00	9,054.36	7,822.55	78.05	42.48	-87.57	-151.47	2,432.48	2,928.43	2,820.27	108.16	27.074		
10,400.00	7,950.00	9,127.25	7,821.44	79.75	44.23	-87.55	-153.46	2,505.33	2,926.82	2,814.90	111.92	26.150		
10,500.00	7,950.00	9,223.08	7,820.61	81.52	46.54	-87.53	-155.69	2,601.13	2,925.64	2,809.12	116.51	25.110		
10,600.00	7,950.00	9,335.79	7,819.90	83.35	49.29	-87.51	-158.48	2,713.80	2,924.30	2,802.56	121.73	24.022		
10,700.00	7,950.00	9,431.19	7,818.73	85.24	51.65	-87.49	-161.18	2,809.16	2,922.64	2,796.23	126.41	23.120		
10,800.00	7,950.00	9,490.73	7,817.52	87.18	53.13	-87.47	-162.31	2,868.67	2,921.92	2,792.07	129.85	22.502		
10,801.67	7,950.00	9,491.72	7,817.49	87.22	53.15	-87.47	-162.33	2,869.67	2,921.92	2,792.01	129.91	22.492		
10,900.00	7,950.00	9,567.66	7,815.80	89.18	55.05	-87.43	-162.86	2,945.58	2,922.38	2,788.46	133.93	21.821		
11,000.00	7,950.00	9,655.72	7,814.63	91.22	57.26	-87.41	-163.01	3,033.64	2,923.38	2,784.96	138.42	21.119		
11,100.00	7,950.00	9,758.85	7,813.36	93.30	59.87	-87.39	-162.94	3,136.76	2,924.60	2,781.10	143.50	20.381		
11,200.00	7,950.00	9,870.91	7,811.82	95.43	62.72	-87.36	-163.30	3,248.80	2,925.45	2,776.53	148.93	19.643		
11,300.00	7,950.00	9,951.54	7,810.01	97.58	64.78	-87.32	-163.55	3,329.42	2,926.37	2,773.14	153.23	19.098		
11,400.00	7,950.00	10,048.81	7,809.10	99.78	67.27	-87.31	-163.19	3,426.68	2,927.88	2,769.71	158.17	18.511		
11,500.00	7,950.00	10,148.96	7,807.26	102.00	69.85	-87.27	-163.02	3,526.81	2,929.24	2,766.01	163.23	17.946		
11,600.00	7,950.00	10,271.25	7,806.81	104.25	73.01	-87.26	-163.04	3,649.10	2,930.36	2,761.23	169.14	17.325		
11,700.00	7,950.00	10,387.81	7,806.01	106.52	76.03	-87.25	-163.69	3,765.65	2,930.98	2,756.13	174.85	16.763		
11,800.00	7,950.00	10,503.95	7,805.16	108.82	79.05	-87.23	-165.76	3,881.77	2,930.26	2,749.70	180.56	16.229		
11,900.00	7,950.00	10,624.80	7,805.95	111.14	82.20	-87.25	-167.54	4,002.60	2,929.95	2,743.48	186.47	15.713		
12,000.00	7,950.00	10,743.58	7,805.53	113.48	85.31	-87.24	-170.78	4,121.34	2,928.33	2,736.03	192.30	15.228		
12,100.00	7,950.00	10,807.65	7,804.40	115.84	86.99	-87.21	-172.27	4,185.38	2,927.17	2,731.01	196.15	14.923		
12,155.71	7,950.00	10,844.39	7,803.51	117.16	87.95	-87.20	-172.82	4,222.10	2,927.01	2,728.69	198.33	14.758		
12,200.00	7,950.00	10,873.03	7,802.87	118.21	88.70	-87.18	-173.07	4,250.74	2,927.16	2,727.12	200.03	14.633		
12,300.00	7,950.00	10,946.46	7,801.70	120.61	90.63	-87.16	-173.05	4,324.15	2,928.32	2,724.12	204.20	14.340		
12,400.00	7,950.00	11,058.69	7,801.28	123.01	93.58	-87.15	-172.88	4,436.39	2,929.60	2,719.74	209.86	13.960		
12,500.00	7,950.00	11,211.52	7,800.98	125.43	97.60	-87.15	-173.94	4,589.20	2,930.14	2,713.11	217.03	13.501		
12,600.00	7,950.00	11,316.77	7,802.09	127.87	100.38	-87.17	-175.89	4,694.43	2,929.35	2,706.90	222.44	13.169		
12,700.00	7,950.00	11,413.37	7,802.24	130.31	102.93	-87.17	-177.72	4,791.01	2,928.55	2,701.01	227.54	12.870		
12,800.00	7,950.00	11,523.19	7,801.31	132.77	105.83	-87.15	-179.99	4,900.80	2,927.63	2,694.50	233.12	12.558		
12,900.00	7,950.00	11,626.13	7,799.18	135.24	108.56	-87.11	-182.58	5,003.69	2,926.32	2,687.86	238.45	12.272		
13,000.00	7,950.00	11,737.74	7,797.45	137.71	111.51	-87.08	-185.20	5,115.25	2,925.18	2,681.08	244.11	11.983		
13,100.00	7,950.00	11,852.46	7,794.28	140.20	114.56	-87.01	-188.96	5,229.87	2,923.13	2,673.27	249.86	11.699		
13,200.00	7,950.00	11,919.99	7,792.90	142.69	116.35	-86.98	-190.94	5,297.36	2,921.47	2,667.54	253.93	11.505		
13,290.69	7,950.00	11,981.18	7,791.37	144.96	117.97	-86.95	-191.92	5,358.52	2,921.09	2,663.50	257.59	11.340		
13,300.00	7,950.00	11,990.40	7,791.14	145.20	118.22	-86.95	-192.04	5,367.73	2,921.09	2,663.02	258.07	11.319		
13,300.00	7,950.00	11,990.40	7,791.14	145.20	118.22	-86.95	-192.04	5,367.73	2,921.09	2,663.02	258.07	11.319		
13,400.00	7,950.00	12,084.53	7,789.41	147.71	120.72	-86.91	-193.13	5,461.84	2,921.13	2,658.03	263.10	11.103		
13,500.00	7,950.00	12,177.35	7,789.01	150.23	123.18	-86.91	-193.74	5,554.65	2,921.60	2,653.51	268.09	10.898		
13,600.00	7,950.00	12,292.32	7,787.59	152.75	126.24	-86.88	-195.06	5,669.61	2,921.59	2,647.67	273.92	10.666		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - EXIST HZ PROSPER FARMS 4-65 13-14 1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 2310-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,700.00	7,950.00	12,407.11	7,786.64	155.28	129.29	-86.86	-196.52	5,784.38	2,921.50	2,641.77	279.74	10.444		
13,800.00	7,950.00	12,498.72	7,784.35	157.82	131.73	-86.81	-198.23	5,875.95	2,920.89	2,636.21	284.68	10.260		
13,836.79	7,950.00	12,527.36	7,783.73	158.76	132.49	-86.80	-198.62	5,904.57	2,920.84	2,634.52	286.32	10.201		
13,900.00	7,950.00	12,569.09	7,783.04	160.36	133.60	-86.79	-198.97	5,946.30	2,921.07	2,632.23	288.83	10.113		
14,000.00	7,950.00	12,641.59	7,782.74	162.91	135.53	-86.78	-198.80	6,018.80	2,922.38	2,629.34	293.05	9.972		
14,100.00	7,950.00	12,754.98	7,782.24	165.47	138.55	-86.78	-198.56	6,132.18	2,923.71	2,624.86	298.85	9.783		
14,200.00	7,950.00	12,863.51	7,780.62	168.02	141.44	-86.74	-198.54	6,240.70	2,924.93	2,620.47	304.46	9.607		
14,300.00	7,950.00	13,026.40	7,779.87	170.59	145.79	-86.73	-200.63	6,403.57	2,924.77	2,612.67	312.11	9.371		
14,400.00	7,950.00	13,126.24	7,779.21	173.15	148.45	-86.72	-203.02	6,503.38	2,923.53	2,606.13	317.39	9.211		
14,500.00	7,950.00	13,219.67	7,778.93	175.73	150.95	-86.71	-205.11	6,596.79	2,922.41	2,599.95	322.45	9.063		
14,600.00	7,950.00	13,314.04	7,779.63	178.30	153.47	-86.72	-206.92	6,691.14	2,921.56	2,594.00	327.56	8.919		
14,700.00	7,950.00	13,409.09	7,779.67	180.88	156.01	-86.72	-208.76	6,786.17	2,920.73	2,588.05	332.68	8.779		
14,779.19	7,950.00	13,469.84	7,779.39	182.93	157.63	-86.72	-209.64	6,846.91	2,920.48	2,584.29	336.19	8.687		
14,800.00	7,950.00	13,487.65	7,779.31	183.46	158.11	-86.71	-209.83	6,864.72	2,920.49	2,583.31	337.18	8.662		
14,900.00	7,950.00	13,582.30	7,779.58	186.05	160.64	-86.72	-210.64	6,959.36	2,920.71	2,578.43	342.29	8.533		
15,000.00	7,950.00	13,690.77	7,779.52	188.64	163.54	-86.72	-211.75	7,067.83	2,920.80	2,572.88	347.92	8.395		
15,002.84	7,950.00	13,693.49	7,779.52	188.71	163.61	-86.72	-211.78	7,070.55	2,920.80	2,572.73	348.07	8.391		
15,100.00	7,950.00	13,791.71	7,780.49	191.23	166.24	-86.74	-212.76	7,168.75	2,920.85	2,567.57	353.28	8.268		
15,200.00	7,950.00	13,908.39	7,781.00	193.83	169.36	-86.75	-214.39	7,285.42	2,920.53	2,561.30	359.23	8.130		
15,300.00	7,950.00	14,027.49	7,778.91	196.43	172.55	-86.71	-216.93	7,404.47	2,919.61	2,554.38	365.23	7.994		
15,400.00	7,950.00	14,149.99	7,775.53	199.03	175.83	-86.64	-220.49	7,526.88	2,917.97	2,546.65	371.32	7.858		
15,500.00	7,950.00	14,202.74	7,774.45	201.63	177.24	-86.61	-221.69	7,579.60	2,916.84	2,541.92	374.92	7.780		
15,528.19	7,950.00	14,218.97	7,774.14	202.37	177.67	-86.61	-221.92	7,595.82	2,916.78	2,540.82	375.96	7.758		
15,600.00	7,950.00	14,279.25	7,773.07	204.24	179.29	-86.59	-222.43	7,656.09	2,917.02	2,537.68	379.34	7.690		
15,700.00	7,950.00	14,382.22	7,771.42	206.85	182.04	-86.56	-223.31	7,759.05	2,917.37	2,532.61	384.76	7.582		
15,800.00	7,950.00	14,499.55	7,769.28	209.46	185.18	-86.51	-224.64	7,876.35	2,917.46	2,526.75	390.72	7.467		
15,900.00	7,950.00	14,608.73	7,768.41	212.08	188.11	-86.50	-226.45	7,985.51	2,916.96	2,520.58	396.38	7.359		
16,000.00	7,950.00	14,705.07	7,766.70	214.69	190.69	-86.46	-228.13	8,081.82	2,916.43	2,514.88	401.55	7.263		
16,028.16	7,950.00	14,719.00	7,766.45	215.43	191.06	-86.46	-228.36	8,095.74	2,916.33	2,513.81	402.52	7.245		
16,100.00	7,950.00	14,719.00	7,766.45	217.31	191.06	-86.46	-228.36	8,095.74	2,917.21	2,513.71	403.50	7.230		
16,200.00	7,950.00	14,719.00	7,766.45	219.93	191.06	-86.46	-228.36	8,095.74	2,921.38	2,516.90	404.49	7.222 SF		
16,300.00	7,950.00	14,719.00	7,766.45	222.55	191.06	-86.46	-228.36	8,095.74	2,928.97	2,523.95	405.02	7.232		
16,400.00	7,950.00	14,719.00	7,766.45	225.18	191.06	-86.46	-228.36	8,095.74	2,939.94	2,534.84	405.09	7.257		
16,500.00	7,950.00	14,719.00	7,766.45	227.80	191.06	-86.46	-228.36	8,095.74	2,954.25	2,549.52	404.73	7.299		
16,600.00	7,950.00	14,719.00	7,766.45	230.43	191.06	-86.46	-228.36	8,095.74	2,971.86	2,567.92	403.94	7.357		
16,680.54	7,950.00	14,719.00	7,766.45	232.54	191.06	-86.46	-228.36	8,095.74	2,988.40	2,585.40	403.00	7.415		

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	5.70	5.70	0.00	0.01	-0.10	324.92	-0.56	324.92					
100.00	100.00	105.70	105.70	0.13	0.15	-0.10	324.92	-0.56	324.92	324.63	0.29	1,123.186		
200.00	200.00	205.70	205.70	0.49	0.51	-0.10	324.92	-0.56	324.92	323.92	1.01	322.911		
206.19	206.19	211.89	211.89	0.52	0.54	-0.10	324.92	-0.56	324.92	323.87	1.05	309.273 CC		
250.00	250.00	255.24	255.24	0.67	0.69	-0.10	324.93	-0.56	324.93	323.56	1.36	238.391 ES		
300.00	300.00	301.19	301.19	0.84	0.86	-172.75	325.28	-0.27	325.74	324.04	1.70	191.638		
400.00	399.93	392.83	392.77	1.18	1.18	-172.46	327.68	1.69	331.83	329.45	2.38	139.684		
500.00	499.68	483.68	483.42	1.54	1.52	-171.94	332.31	5.45	343.85	340.78	3.07	112.107		
600.00	599.13	573.28	572.59	1.91	1.85	-171.22	339.05	10.94	361.76	358.00	3.76	96.166		
700.00	698.15	661.14	659.73	2.31	2.19	-170.38	347.76	18.04	385.51	381.06	4.46	86.529		
800.00	796.63	746.86	744.37	2.74	2.54	-169.45	358.25	26.58	415.00	409.85	5.14	80.661		
900.00	894.44	832.75	828.75	3.20	2.91	-168.46	370.64	36.68	450.01	444.17	5.84	77.085		
1,000.00	991.46	924.70	918.96	3.70	3.32	-167.54	384.47	47.94	488.90	482.33	6.57	74.421		
1,100.00	1,087.58	1,015.31	1,007.85	4.24	3.73	-166.79	398.09	59.04	530.95	523.65	7.30	72.782		
1,200.00	1,182.68	1,104.48	1,095.33	4.82	4.14	-166.18	411.50	69.96	576.09	568.06	8.03	71.774		
1,300.00	1,276.65	1,192.09	1,181.28	5.45	4.54	-165.68	424.67	80.69	624.24	615.48	8.76	71.283		
1,400.00	1,369.36	1,278.04	1,265.60	6.13	4.94	-165.27	437.60	91.22	675.33	665.84	9.49	71.185		
1,421.41	1,389.04	1,303.78	1,283.43	6.28	5.06	-165.19	440.33	93.45	686.65	676.97	9.68	70.933		
1,500.00	1,461.15	1,362.79	1,348.73	6.84	5.34	-165.16	450.34	101.60	728.42	718.20	10.21	71.323		
1,600.00	1,552.91	1,447.49	1,431.83	7.57	5.74	-165.12	463.08	111.98	781.57	770.63	10.93	71.479		
1,700.00	1,644.66	1,532.20	1,514.93	8.30	6.14	-165.09	475.81	122.35	834.72	823.06	11.66	71.579		
1,800.00	1,736.42	1,616.90	1,598.02	9.04	6.53	-165.07	488.55	132.72	887.87	875.48	12.39	71.639		
1,900.00	1,828.17	1,701.60	1,681.12	9.79	6.93	-165.04	501.28	143.10	941.03	927.90	13.13	71.669		
2,000.00	1,919.93	1,786.31	1,764.21	10.54	7.34	-165.02	514.02	153.47	994.18	980.31	13.87	71.678		
2,100.00	2,011.68	1,871.01	1,847.31	11.29	7.74	-165.01	526.76	163.85	1,047.33	1,032.72	14.61	71.671		
2,200.00	2,103.44	1,955.71	1,930.40	12.05	8.14	-164.99	539.49	174.22	1,100.48	1,085.13	15.36	71.653		
2,300.00	2,195.20	2,040.42	2,013.50	12.80	8.54	-164.97	552.23	184.60	1,153.64	1,137.53	16.11	71.627		
2,400.00	2,286.95	2,125.12	2,096.59	13.56	8.94	-164.96	564.96	194.97	1,206.79	1,189.93	16.86	71.595		
2,500.00	2,378.71	2,209.82	2,179.69	14.32	9.35	-164.95	577.70	205.35	1,259.94	1,242.34	17.61	71.559		
2,600.00	2,470.46	2,305.47	2,262.79	15.09	9.80	-164.94	590.43	215.72	1,313.10	1,294.69	18.41	71.344		
2,700.00	2,562.22	2,379.23	2,345.88	15.85	10.15	-164.93	603.17	226.10	1,366.25	1,347.14	19.11	71.479		
2,800.00	2,653.98	2,463.94	2,428.98	16.61	10.56	-164.92	615.91	236.47	1,419.40	1,399.53	19.87	71.437		
2,900.00	2,745.73	2,548.64	2,512.07	17.38	10.96	-164.91	628.64	246.84	1,472.56	1,451.93	20.63	71.394		
3,000.00	2,837.49	2,633.34	2,595.17	18.14	11.36	-164.90	641.38	257.22	1,525.71	1,504.33	21.38	71.351		
3,100.00	2,929.24	2,718.05	2,678.26	18.91	11.77	-164.89	654.11	267.59	1,578.86	1,556.72	22.14	71.308		
3,200.00	3,021.00	2,802.75	2,761.36	19.67	12.17	-164.88	666.85	277.97	1,632.02	1,609.11	22.90	71.265		
3,300.00	3,112.75	2,887.45	2,844.45	20.44	12.58	-164.88	679.59	288.34	1,685.17	1,661.51	23.66	71.223		
3,400.00	3,204.51	2,972.16	2,927.55	21.21	12.98	-164.87	692.32	298.72	1,738.32	1,713.90	24.42	71.181		
3,500.00	3,296.27	3,056.86	3,010.65	21.98	13.39	-164.86	705.06	309.09	1,791.48	1,766.29	25.18	71.140		
3,600.00	3,388.02	3,141.56	3,093.74	22.74	13.79	-164.86	717.79	319.47	1,844.63	1,818.68	25.94	71.099		
3,700.00	3,479.78	3,226.27	3,176.84	23.51	14.19	-164.85	730.53	329.84	1,897.78	1,871.08	26.71	71.060		
3,800.00	3,571.53	3,310.97	3,259.93	24.28	14.60	-164.85	743.27	340.21	1,950.94	1,923.47	27.47	71.021		
3,900.00	3,663.29	3,395.68	3,343.03	25.05	15.00	-164.84	756.00	350.59	2,004.09	1,975.86	28.23	70.983		
4,000.00	3,755.05	3,480.38	3,426.12	25.82	15.41	-164.84	768.74	360.96	2,057.24	2,028.24	29.00	70.945		
4,100.00	3,846.80	3,565.08	3,509.22	26.59	15.81	-164.83	781.47	371.34	2,110.40	2,080.63	29.76	70.909		
4,200.00	3,938.56	3,649.79	3,592.31	27.36	16.22	-164.83	794.21	381.71	2,163.55	2,133.02	30.53	70.873		
4,300.00	4,030.31	3,734.49	3,675.41	28.13	16.62	-164.82	806.94	392.09	2,216.70	2,185.41	31.29	70.838		
4,400.00	4,122.07	3,819.19	3,758.50	28.90	17.03	-164.82	819.68	402.46	2,269.86	2,237.80	32.06	70.804		
4,500.00	4,213.82	3,903.90	3,841.60	29.67	17.43	-164.82	832.42	412.84	2,323.01	2,290.18	32.82	70.771		
4,600.00	4,305.58	3,988.60	3,924.70	30.44	17.84	-164.81	845.15	423.21	2,376.16	2,342.57	33.59	70.738		
4,700.00	4,397.34	4,073.30	4,007.79	31.21	18.24	-164.81	857.89	433.59	2,429.32	2,394.96	34.36	70.706		
4,800.00	4,489.09	4,158.01	4,090.89	31.98	18.65	-164.81	870.62	443.96	2,482.47	2,447.34	35.13	70.674		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,242.71	4,173.98	32.75	19.06	-164.80	883.36	454.33	2,535.62	2,499.73	35.89	70.643		
5,000.00	4,672.60	4,327.41	4,257.08	33.52	19.46	-164.80	896.10	464.71	2,588.78	2,552.11	36.66	70.613		
5,100.00	4,764.36	4,412.12	4,340.17	34.29	19.87	-164.80	908.83	475.08	2,641.93	2,604.50	37.43	70.583		
5,200.00	4,856.12	4,503.18	4,423.27	35.06	20.30	-164.79	921.57	485.46	2,695.08	2,656.86	38.23	70.505		
5,300.00	4,947.87	4,581.53	4,506.36	35.83	20.68	-164.79	934.30	495.83	2,748.24	2,709.27	38.97	70.526		
5,400.00	5,039.63	4,666.23	4,589.46	36.60	21.08	-164.79	947.04	506.21	2,801.39	2,761.65	39.74	70.497		
5,500.00	5,131.38	4,750.93	4,672.56	37.37	21.49	-164.79	959.78	516.58	2,854.54	2,814.04	40.51	70.470		
5,600.00	5,223.14	4,835.64	4,755.65	38.14	21.89	-164.78	972.51	526.96	2,907.70	2,866.42	41.28	70.443		
5,700.00	5,314.89	4,920.34	4,838.75	38.91	22.30	-164.78	985.25	537.33	2,960.85	2,918.80	42.05	70.416		
5,800.00	5,406.65	5,005.04	4,921.84	39.69	22.70	-164.78	997.98	547.71	3,014.00	2,971.18	42.82	70.389		
5,900.00	5,498.41	5,089.75	5,004.94	40.46	23.11	-164.78	1,010.72	558.08	3,067.16	3,023.57	43.59	70.363		
6,000.00	5,590.16	5,174.45	5,088.03	41.23	23.52	-164.78	1,023.45	568.45	3,120.31	3,075.95	44.36	70.338		
6,100.00	5,681.92	5,259.15	5,171.13	42.00	23.92	-164.77	1,036.19	578.83	3,173.46	3,128.33	45.13	70.313		
6,200.00	5,773.67	5,343.86	5,254.22	42.77	24.33	-164.77	1,048.93	589.20	3,226.62	3,180.71	45.91	70.288		
6,300.00	5,865.43	5,428.56	5,337.32	43.54	24.73	-164.77	1,061.66	599.58	3,279.77	3,233.09	46.68	70.263		
6,400.00	5,957.18	5,513.27	5,420.42	44.31	25.14	-164.77	1,074.40	609.95	3,332.92	3,285.47	47.45	70.239		
6,500.00	6,048.94	5,602.03	5,503.51	45.09	25.56	-164.77	1,087.13	620.33	3,386.08	3,337.84	48.24	70.191		
6,600.00	6,140.70	5,682.67	5,586.61	45.86	25.95	-164.77	1,099.87	630.70	3,439.23	3,390.23	49.00	70.191		
6,700.00	6,232.45	5,767.38	5,669.70	46.63	26.35	-164.76	1,112.61	641.08	3,492.38	3,442.61	49.77	70.168		
6,800.00	6,324.21	5,852.08	5,752.80	47.40	26.76	-164.76	1,125.34	651.45	3,545.54	3,494.99	50.55	70.145		
6,900.00	6,415.96	5,936.78	5,835.89	48.17	27.17	-164.76	1,138.08	661.82	3,598.69	3,547.37	51.32	70.122		
7,000.00	6,507.72	6,021.49	5,918.99	48.94	27.57	-164.76	1,150.81	672.20	3,651.85	3,599.75	52.10	70.099		
7,100.00	6,599.48	6,106.19	6,002.08	49.72	27.98	-164.76	1,163.55	682.57	3,705.00	3,652.13	52.87	70.077		
7,200.00	6,691.23	6,209.11	6,085.18	50.49	28.47	-164.76	1,176.29	692.95	3,758.15	3,704.43	53.72	69.956		
7,300.00	6,782.99	6,275.60	6,168.28	51.26	28.79	-164.76	1,189.02	703.32	3,811.31	3,756.88	54.42	70.033		
7,400.00	6,874.74	6,360.30	6,251.37	52.03	29.19	-164.75	1,201.76	713.70	3,864.46	3,809.26	55.20	70.011		
7,500.00	6,966.50	6,445.00	6,334.47	52.80	29.60	-164.75	1,214.49	724.07	3,917.61	3,861.64	55.97	69.989		
7,600.00	7,058.25	6,529.71	6,417.56	53.57	30.01	-164.75	1,227.23	734.45	3,970.77	3,914.02	56.75	69.968		
7,700.00	7,150.01	6,614.41	6,500.66	54.35	30.41	-164.75	1,239.96	744.82	4,023.92	3,966.39	57.53	69.946		
7,800.00	7,241.77	6,700.88	6,583.75	55.12	30.83	-164.75	1,252.70	755.20	4,077.07	4,018.76	58.31	69.916		
7,900.00	7,333.52	6,783.82	6,666.85	55.89	31.22	-164.75	1,265.44	765.57	4,130.23	4,071.14	59.08	69.904		
8,000.00	7,425.28	6,868.52	6,749.94	56.66	31.63	-164.75	1,278.17	775.94	4,183.38	4,123.52	59.86	69.883		
8,029.56	7,452.40	6,906.44	6,774.51	56.89	31.81	-164.75	1,281.94	779.01	4,199.09	4,138.95	60.15	69.815		
8,050.00	7,471.13	6,910.90	6,791.51	57.05	31.83	-158.88	1,284.54	781.13	4,209.91	4,149.66	60.25	69.871		
8,100.00	7,516.65	6,953.40	6,833.21	57.44	32.04	-145.44	1,290.93	786.34	4,235.93	4,175.28	60.65	69.838		
8,150.00	7,561.46	7,004.23	6,874.77	57.84	32.28	-133.72	1,297.30	791.53	4,261.18	4,200.08	61.10	69.741		
8,200.00	7,605.22	7,037.68	6,915.89	58.24	32.44	-123.83	1,303.61	796.66	4,285.48	4,224.00	61.48	69.704		
8,250.00	7,647.60	7,078.83	6,956.25	58.63	32.64	-115.62	1,309.79	801.70	4,308.68	4,246.78	61.90	69.607		
8,300.00	7,688.27	7,118.88	6,995.55	59.02	32.83	-108.84	1,315.82	806.61	4,330.66	4,268.34	62.32	69.492		
8,350.00	7,726.93	7,157.55	7,033.48	59.40	33.01	-103.24	1,321.63	811.34	4,351.29	4,288.56	62.74	69.359		
8,400.00	7,763.27	7,194.53	7,069.76	59.77	33.19	-98.61	1,327.19	815.87	4,370.49	4,307.34	63.15	69.206		
8,450.00	7,797.04	7,229.55	7,104.12	60.13	33.36	-94.78	1,332.46	820.16	4,388.17	4,324.61	63.57	69.032		
8,500.00	7,827.95	7,262.33	7,136.28	60.49	33.52	-91.61	1,337.38	824.18	4,404.27	4,340.29	63.98	68.835		
8,550.00	7,855.79	7,292.63	7,166.00	60.83	33.66	-89.00	1,341.94	827.89	4,418.74	4,354.34	64.40	68.612		
8,600.00	7,880.34	7,320.22	7,193.07	61.16	33.79	-86.86	1,346.09	831.27	4,431.53	4,366.70	64.83	68.361		
8,650.00	7,901.41	7,344.89	7,217.27	61.49	33.91	-85.15	1,349.80	834.29	4,442.61	4,377.36	65.25	68.081		
8,700.00	7,918.85	7,366.45	7,238.41	61.80	34.01	-83.79	1,353.04	836.93	4,451.97	4,386.28	65.69	67.772		
8,750.00	7,932.51	7,387.53	7,259.13	62.09	34.11	-82.81	1,356.21	839.14	4,459.59	4,393.43	66.15	67.414		
8,800.00	7,942.31	7,401.38	7,272.79	62.38	34.17	-82.07	1,358.30	840.17	4,465.45	4,398.87	66.59	67.060		
8,850.00	7,948.15	7,409.49	7,280.80	62.66	34.21	-81.59	1,359.53	840.62	4,469.59	4,402.58	67.01	66.704		
8,898.08	7,950.00	7,413.02	7,284.28	62.91	34.22	-81.36	1,360.06	840.78	4,471.92	4,404.51	67.40	66.344		
8,900.00	7,950.00	7,413.08	7,284.35	62.92	34.22	-81.36	1,360.07	840.78	4,471.98	4,404.56	67.42	66.329		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	7,416.19	7,287.42	63.47	34.23	-81.40	1,360.54	840.90	4,476.31	4,408.01	68.30	65.537		
9,100.00	7,950.00	7,418.56	7,289.76	64.09	34.24	-81.43	1,360.89	840.98	4,482.87	4,413.60	69.27	64.715		
9,200.00	7,950.00	7,420.43	7,291.60	64.78	34.25	-81.46	1,361.18	841.04	4,491.64	4,421.32	70.32	63.872		
9,300.00	7,950.00	7,421.94	7,293.09	65.55	34.26	-81.47	1,361.40	841.08	4,502.62	4,431.17	71.44	63.022		
9,400.00	7,950.00	7,423.19	7,294.33	66.41	34.26	-81.49	1,361.59	841.11	4,515.78	4,443.15	72.63	62.175		
9,500.00	7,950.00	7,424.23	7,295.36	67.35	34.27	-81.50	1,361.75	841.14	4,531.12	4,457.25	73.87	61.339		
9,600.00	7,950.00	7,425.12	7,296.24	68.38	34.27	-81.52	1,361.88	841.16	4,548.60	4,473.44	75.15	60.524		
9,700.00	7,950.00	7,425.89	7,296.99	69.50	34.27	-81.53	1,362.00	841.17	4,568.20	4,491.73	76.47	59.736		
9,800.00	7,950.00	7,426.55	7,297.65	70.71	34.27	-81.53	1,362.10	841.19	4,589.90	4,512.07	77.82	58.980		
9,900.00	7,950.00	7,427.14	7,298.23	72.01	34.28	-81.54	1,362.19	841.20	4,613.66	4,534.47	79.19	58.261		
10,000.00	7,950.00	7,427.66	7,298.74	73.40	34.28	-81.55	1,362.27	841.21	4,639.46	4,558.88	80.57	57.582		
10,100.00	7,950.00	7,428.12	7,299.20	74.87	34.28	-81.55	1,362.34	841.21	4,667.25	4,585.29	81.96	56.946		
10,200.00	7,950.00	7,428.53	7,299.61	76.42	34.28	-81.56	1,362.40	841.22	4,697.01	4,613.66	83.35	56.353		
10,300.00	7,950.00	7,428.91	7,299.98	78.05	34.28	-81.56	1,362.46	841.23	4,728.70	4,643.97	84.74	55.805		
10,400.00	7,950.00	7,429.25	7,300.32	79.75	34.29	-81.57	1,362.51	841.23	4,762.28	4,676.17	86.12	55.301		
10,500.00	7,950.00	7,429.56	7,300.62	81.52	34.29	-81.57	1,362.55	841.23	4,797.71	4,710.23	87.48	54.843		
10,600.00	7,950.00	7,429.84	7,300.90	83.35	34.29	-81.58	1,362.60	841.24	4,834.95	4,746.12	88.83	54.428		
10,700.00	7,950.00	7,430.10	7,301.16	85.24	34.29	-81.58	1,362.64	841.24	4,873.95	4,783.79	90.16	54.057		
10,800.00	7,950.00	7,430.34	7,301.39	87.18	34.29	-81.58	1,362.67	841.24	4,914.68	4,823.21	91.47	53.727		
10,900.00	7,950.00	7,430.56	7,301.61	89.18	34.29	-81.59	1,362.70	841.25	4,957.10	4,864.34	92.76	53.439		
11,000.00	7,950.00	7,430.76	7,301.81	91.22	34.29	-81.59	1,362.74	841.25	5,001.15	4,907.13	94.02	53.190		
11,100.00	7,950.00	7,430.95	7,302.00	93.30	34.29	-81.59	1,362.76	841.25	5,046.80	4,951.54	95.26	52.980		
11,200.00	7,950.00	7,431.11	7,302.16	95.43	34.30	-81.59	1,362.78	841.25	5,093.99	4,997.56	96.62	52.722		
11,300.00	7,950.00	7,431.25	7,302.29	97.58	34.30	-81.59	1,362.79	841.25	5,142.90	5,045.10	97.80	52.586		
11,400.00	7,950.00	7,431.37	7,302.39	99.78	34.30	-81.59	1,362.80	841.25	5,193.09	5,094.14	98.95	52.483		
11,500.00	7,950.00	7,431.47	7,302.48	102.00	34.30	-81.59	1,362.81	841.25	5,244.70	5,144.64	100.06	52.413		
11,600.00	7,950.00	7,431.55	7,302.56	104.25	34.30	-81.59	1,362.82	841.25	5,297.70	5,196.55	101.15	52.375		
11,700.00	7,950.00	7,431.61	7,302.62	106.52	34.30	-81.59	1,362.83	841.25	5,352.04	5,249.83	102.21	52.365 SF		
11,800.00	7,950.00	7,431.66	7,302.67	108.82	34.30	-81.59	1,362.84	841.25	5,407.69	5,304.45	103.23	52.384		
11,900.00	7,950.00	7,431.70	7,302.71	111.14	34.30	-81.59	1,362.85	841.25	5,464.59	5,360.37	104.23	52.431		
12,000.00	7,950.00	7,431.73	7,302.74	113.48	34.30	-81.59	1,362.86	841.25	5,522.73	5,417.54	105.19	52.503		
12,100.00	7,950.00	7,431.75	7,302.76	115.84	34.30	-81.59	1,362.87	841.25	5,582.04	5,475.92	106.12	52.599		
12,200.00	7,950.00	7,431.76	7,302.77	118.21	34.30	-81.59	1,362.88	841.25	5,642.51	5,535.48	107.03	52.720		
12,300.00	7,950.00	7,431.77	7,302.78	120.61	34.30	-81.59	1,362.89	841.25	5,704.09	5,596.19	107.90	52.863		
12,400.00	7,950.00	7,431.78	7,302.79	123.01	34.30	-81.59	1,362.90	841.25	5,766.75	5,658.00	108.75	53.027		
12,500.00	7,950.00	7,431.79	7,302.80	125.43	34.30	-81.59	1,362.91	841.25	5,830.45	5,720.88	109.57	53.211		
12,600.00	7,950.00	7,431.80	7,302.81	127.87	34.30	-81.59	1,362.92	841.25	5,895.15	5,784.79	110.36	53.416		
12,700.00	7,950.00	7,431.81	7,302.82	130.31	34.30	-81.59	1,362.93	841.25	5,960.84	5,849.71	111.13	53.639		
12,800.00	7,950.00	7,431.82	7,302.83	132.77	34.30	-81.59	1,362.94	841.25	6,027.46	5,915.59	111.87	53.879		
12,900.00	7,950.00	7,431.83	7,302.84	135.24	34.30	-81.59	1,362.95	841.25	6,095.00	5,982.41	112.58	54.137		
13,000.00	7,950.00	7,431.84	7,302.85	137.71	34.30	-81.59	1,362.96	841.25	6,163.42	6,050.14	113.28	54.411		
13,100.00	7,950.00	7,431.85	7,302.86	140.20	34.30	-81.59	1,362.97	841.25	6,232.69	6,118.75	113.94	54.700		
13,200.00	7,950.00	7,431.86	7,302.87	142.69	34.30	-81.59	1,362.98	841.25	6,302.79	6,188.20	114.59	55.004		
13,300.00	7,950.00	7,431.87	7,302.88	145.20	34.30	-81.59	1,362.99	841.25	6,373.69	6,258.48	115.21	55.323		
13,400.00	7,950.00	7,431.88	7,302.89	147.71	34.30	-81.59	1,363.00	841.25	6,445.36	6,329.55	115.81	55.655		
13,500.00	7,950.00	7,431.89	7,302.90	150.23	34.30	-81.59	1,363.01	841.25	6,517.77	6,401.38	116.39	55.999		
13,600.00	7,950.00	7,431.90	7,302.91	152.75	34.30	-81.59	1,363.02	841.25	6,590.91	6,473.96	116.95	56.356		
13,700.00	7,950.00	7,431.91	7,302.92	155.28	34.30	-81.59	1,363.03	841.25	6,664.74	6,547.25	117.49	56.725		
13,800.00	7,950.00	7,431.92	7,302.93	157.82	34.30	-81.59	1,363.04	841.25	6,739.25	6,621.24	118.01	57.106		
13,900.00	7,950.00	7,431.93	7,302.94	160.36	34.30	-81.59	1,363.05	841.25	6,814.41	6,695.89	118.52	57.497		
14,000.00	7,950.00	7,431.94	7,302.95	162.91	34.30	-81.59	1,363.06	841.25	6,890.21	6,771.20	119.00	57.898		
14,100.00	7,950.00	7,431.95	7,302.96	165.47	34.30	-81.59	1,363.07	841.25	6,966.61	6,847.14	119.48	58.310		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1AH - OWB - PROPOSAL 1													Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,200.00	7,950.00	7,450.00	7,320.83	168.02	34.37	-81.83	1,365.64	841.14	7,043.61	6,923.68	119.93	58.731		
14,300.00	7,950.00	7,450.00	7,320.83	170.59	34.37	-81.83	1,365.64	841.14	7,121.17	7,000.80	120.37	59.161		
14,400.00	7,950.00	7,450.00	7,320.83	173.15	34.37	-81.83	1,365.64	841.14	7,199.29	7,078.50	120.79	59.600		
14,500.00	7,950.00	7,450.00	7,320.83	175.73	34.37	-81.83	1,365.64	841.14	7,277.95	7,156.75	121.20	60.047		
14,600.00	7,950.00	7,450.00	7,320.83	178.30	34.37	-81.83	1,365.64	841.14	7,357.12	7,235.52	121.60	60.503		
14,700.00	7,950.00	7,450.00	7,320.83	180.88	34.37	-81.83	1,365.64	841.14	7,436.80	7,314.82	121.98	60.966		
14,800.00	7,950.00	7,450.00	7,320.83	183.46	34.37	-81.83	1,365.64	841.14	7,516.96	7,394.61	122.35	61.437		
14,900.00	7,950.00	7,450.00	7,320.83	186.05	34.37	-81.83	1,365.64	841.14	7,597.59	7,474.88	122.71	61.914		
15,000.00	7,950.00	7,450.00	7,320.83	188.64	34.37	-81.83	1,365.64	841.14	7,678.68	7,555.62	123.06	62.399		
15,100.00	7,950.00	7,450.00	7,320.83	191.23	34.37	-81.83	1,365.64	841.14	7,760.21	7,636.82	123.39	62.890		
15,200.00	7,950.00	7,450.00	7,320.83	193.83	34.37	-81.83	1,365.64	841.14	7,842.17	7,718.45	123.72	63.388		
15,300.00	7,950.00	7,450.00	7,320.83	196.43	34.37	-81.83	1,365.64	841.14	7,924.54	7,800.51	124.03	63.891		
15,400.00	7,950.00	7,450.00	7,320.83	199.03	34.37	-81.83	1,365.64	841.14	8,007.31	7,882.98	124.34	64.400		
15,500.00	7,950.00	7,450.00	7,320.83	201.63	34.37	-81.83	1,365.64	841.14	8,090.47	7,965.84	124.63	64.916		
15,600.00	7,950.00	7,450.00	7,320.83	204.24	34.37	-81.83	1,365.64	841.14	8,174.01	8,049.10	124.92	65.436		
15,700.00	7,950.00	7,450.00	7,320.83	206.85	34.37	-81.83	1,365.64	841.14	8,257.92	8,132.73	125.19	65.962		
15,800.00	7,950.00	7,450.00	7,320.83	209.46	34.37	-81.83	1,365.64	841.14	8,342.18	8,216.72	125.46	66.492		
15,900.00	7,950.00	7,450.00	7,320.83	212.08	34.37	-81.83	1,365.64	841.14	8,426.78	8,301.06	125.72	67.028		
16,000.00	7,950.00	7,450.00	7,320.83	214.69	34.37	-81.83	1,365.64	841.14	8,511.72	8,385.75	125.97	67.568		
16,100.00	7,950.00	7,450.00	7,320.83	217.31	34.37	-81.83	1,365.64	841.14	8,596.98	8,470.76	126.22	68.113		
16,200.00	7,950.00	7,450.00	7,320.83	219.93	34.37	-81.83	1,365.64	841.14	8,682.56	8,556.10	126.45	68.661		
16,300.00	7,950.00	7,450.00	7,320.83	222.55	34.37	-81.83	1,365.64	841.14	8,768.44	8,641.76	126.68	69.215		
16,400.00	7,950.00	7,450.00	7,320.83	225.18	34.37	-81.83	1,365.64	841.14	8,854.62	8,727.71	126.91	69.772		
16,500.00	7,950.00	7,450.00	7,320.83	227.80	34.37	-81.83	1,365.64	841.14	8,941.08	8,813.96	127.13	70.333		
16,600.00	7,950.00	7,450.00	7,320.83	230.43	34.37	-81.83	1,365.64	841.14	9,027.83	8,900.49	127.34	70.897		
16,680.54	7,950.00	7,450.00	7,320.83	232.54	34.37	-81.83	1,365.64	841.14	9,097.89	8,970.39	127.50	71.355		

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	4.90	4.90	0.00	0.01	-0.12	275.02	-0.56	275.02					
100.00	100.00	104.90	104.90	0.13	0.15	-0.12	275.02	-0.56	275.02	274.74	0.29	960.211		
200.00	200.00	204.90	204.90	0.49	0.51	-0.12	275.02	-0.56	275.02	274.02	1.00	274.101		
250.00	250.00	254.90	254.90	0.67	0.69	-0.12	275.02	-0.56	275.02	273.66	1.36	201.950 CC, ES		
300.00	300.00	302.46	302.46	0.84	0.86	-172.73	275.25	-0.14	275.70	274.00	1.70	161.950		
400.00	399.93	397.79	397.73	1.18	1.20	-172.21	276.86	2.77	280.86	278.47	2.39	117.704		
500.00	499.68	492.43	492.14	1.54	1.54	-171.24	279.97	8.41	291.14	288.05	3.09	94.223		
600.00	599.13	585.96	585.19	1.91	1.89	-169.93	284.53	16.67	306.61	302.80	3.80	80.594		
700.00	698.15	679.89	678.30	2.31	2.26	-168.38	290.49	27.46	327.22	322.69	4.53	72.210		
800.00	796.63	776.54	774.02	2.74	2.65	-166.95	296.94	39.16	351.73	346.45	5.28	66.634		
900.00	894.44	872.35	868.92	3.20	3.04	-165.81	303.34	50.75	379.66	373.63	6.03	62.966		
1,000.00	991.46	967.21	962.87	3.70	3.44	-164.90	309.67	62.23	410.90	404.12	6.78	60.575		
1,100.00	1,087.58	1,061.01	1,055.77	4.24	3.82	-164.19	315.93	73.59	445.37	437.83	7.54	59.055		
1,200.00	1,182.68	1,153.63	1,147.50	4.82	4.21	-163.65	322.12	84.79	482.99	474.69	8.30	58.175		
1,300.00	1,276.65	1,244.95	1,237.94	5.45	4.59	-163.25	328.21	95.85	523.71	514.64	9.07	57.769		
1,400.00	1,369.36	1,334.87	1,327.00	6.13	4.97	-162.95	334.22	106.73	567.45	557.62	9.83	57.726		
1,421.41	1,389.04	1,353.93	1,345.88	6.28	5.05	-162.90	335.49	109.03	577.20	567.20	10.00	57.723		
1,500.00	1,461.15	1,423.76	1,415.04	6.84	5.34	-162.95	340.15	117.48	613.26	602.66	10.59	57.893		
1,600.00	1,552.91	1,512.62	1,503.04	7.57	5.72	-163.00	346.09	128.24	659.13	647.78	11.35	58.062		
1,700.00	1,644.66	1,601.47	1,591.04	8.30	6.09	-163.05	352.02	138.99	705.01	692.89	12.12	58.183		
1,800.00	1,736.42	1,709.68	1,679.04	9.04	6.55	-163.09	357.95	149.74	750.89	737.92	12.97	57.916		
1,900.00	1,828.17	1,779.18	1,767.04	9.79	6.84	-163.13	363.88	160.50	796.77	783.11	13.66	58.330		
2,000.00	1,919.93	1,868.03	1,855.04	10.54	7.22	-163.16	369.82	171.25	842.64	828.21	14.44	58.372		
2,100.00	2,011.68	1,956.89	1,943.05	11.29	7.59	-163.19	375.75	182.00	888.52	873.31	15.21	58.399		
2,200.00	2,103.44	2,045.74	2,031.05	12.05	7.97	-163.22	381.68	192.75	934.40	918.40	16.00	58.416		
2,300.00	2,195.20	2,134.59	2,119.05	12.80	8.34	-163.24	387.61	203.51	980.28	963.50	16.78	58.424		
2,400.00	2,286.95	2,223.45	2,207.05	13.56	8.72	-163.26	393.55	214.26	1,026.16	1,008.59	17.56	58.426		
2,500.00	2,378.71	2,312.30	2,295.05	14.32	9.10	-163.28	399.48	225.01	1,072.03	1,053.69	18.35	58.423		
2,600.00	2,470.46	2,401.16	2,383.05	15.09	9.47	-163.30	405.41	235.76	1,117.91	1,098.78	19.14	58.417		
2,700.00	2,562.22	2,509.99	2,471.05	15.85	9.93	-163.32	411.34	246.52	1,163.79	1,143.79	20.01	58.170		
2,800.00	2,653.98	2,578.86	2,559.05	16.61	10.22	-163.33	417.28	257.27	1,209.67	1,188.96	20.72	58.396		
2,900.00	2,745.73	2,667.72	2,647.06	17.38	10.60	-163.35	423.21	268.02	1,255.55	1,234.04	21.51	58.383		
3,000.00	2,837.49	2,756.57	2,735.06	18.14	10.98	-163.36	429.14	278.78	1,301.43	1,279.13	22.30	58.368		
3,100.00	2,929.24	2,845.43	2,823.06	18.91	11.35	-163.37	435.08	289.53	1,347.31	1,324.22	23.09	58.353		
3,200.00	3,021.00	2,934.28	2,911.06	19.67	11.73	-163.39	441.01	300.28	1,393.19	1,369.31	23.88	58.337		
3,300.00	3,112.75	3,023.13	2,999.06	20.44	12.11	-163.40	446.94	311.03	1,439.07	1,414.39	24.68	58.321		
3,400.00	3,204.51	3,111.99	3,087.06	21.21	12.48	-163.41	452.87	321.79	1,484.95	1,459.48	25.47	58.304		
3,500.00	3,296.27	3,200.84	3,175.06	21.98	12.86	-163.42	458.81	332.54	1,530.82	1,504.56	26.26	58.287		
3,600.00	3,388.02	3,289.70	3,263.06	22.74	13.24	-163.43	464.74	343.29	1,576.70	1,549.65	27.06	58.270		
3,700.00	3,479.78	3,378.55	3,351.07	23.51	13.61	-163.44	470.67	354.04	1,622.58	1,594.73	27.85	58.253		
3,800.00	3,571.53	3,467.41	3,439.07	24.28	13.99	-163.44	476.60	364.80	1,668.46	1,639.81	28.65	58.236		
3,900.00	3,663.29	3,556.26	3,527.07	25.05	14.37	-163.45	482.54	375.55	1,714.34	1,684.90	29.45	58.220		
4,000.00	3,755.05	3,645.11	3,615.07	25.82	14.74	-163.46	488.47	386.30	1,760.22	1,729.98	30.24	58.203		
4,100.00	3,846.80	3,733.97	3,703.07	26.59	15.12	-163.47	494.40	397.06	1,806.10	1,775.06	31.04	58.186		
4,200.00	3,938.56	3,822.82	3,791.07	27.36	15.50	-163.47	500.33	407.81	1,851.98	1,820.14	31.84	58.170		
4,300.00	4,030.31	3,911.68	3,879.07	28.13	15.87	-163.48	506.27	418.56	1,897.86	1,865.22	32.64	58.154		
4,400.00	4,122.07	4,000.53	3,967.08	28.90	16.25	-163.48	512.20	429.31	1,943.74	1,910.31	33.43	58.138		
4,500.00	4,213.82	4,089.38	4,055.08	29.67	16.63	-163.49	518.13	440.07	1,989.62	1,955.39	34.23	58.122		
4,600.00	4,305.58	4,178.24	4,143.08	30.44	17.01	-163.50	524.06	450.82	2,035.50	2,000.47	35.03	58.106		
4,700.00	4,397.34	4,267.09	4,231.08	31.21	17.38	-163.50	530.00	461.57	2,081.38	2,045.55	35.83	58.091		
4,800.00	4,489.09	4,355.95	4,319.08	31.98	17.76	-163.51	535.93	472.32	2,127.26	2,090.63	36.63	58.076		
4,900.00	4,580.85	4,444.80	4,407.08	32.75	18.14	-163.51	541.86	483.08	2,173.14	2,135.71	37.43	58.061		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,672.60	4,533.65	4,495.08	33.52	18.51	-163.51	547.80	493.83	2,219.02	2,180.79	38.23	58.046		
5,100.00	4,764.36	4,622.51	4,583.08	34.29	18.89	-163.52	553.73	504.58	2,264.90	2,225.87	39.03	58.032		
5,200.00	4,856.12	4,711.36	4,671.09	35.06	19.27	-163.52	559.66	515.34	2,310.77	2,270.95	39.83	58.017		
5,300.00	4,947.87	4,800.22	4,759.09	35.83	19.64	-163.53	565.59	526.09	2,356.65	2,316.02	40.63	58.003		
5,400.00	5,039.63	4,889.07	4,847.09	36.60	20.02	-163.53	571.53	536.84	2,402.53	2,361.10	41.43	57.989		
5,500.00	5,131.38	4,977.92	4,935.09	37.37	20.40	-163.54	577.46	547.59	2,448.41	2,406.18	42.23	57.976		
5,600.00	5,223.14	5,066.78	5,023.09	38.14	20.78	-163.54	583.39	558.35	2,494.29	2,451.26	43.03	57.962		
5,700.00	5,314.89	5,155.63	5,111.09	38.91	21.15	-163.54	589.32	569.10	2,540.17	2,496.34	43.83	57.949		
5,800.00	5,406.65	5,244.49	5,199.09	39.69	21.53	-163.55	595.26	579.85	2,586.05	2,541.42	44.64	57.935		
5,900.00	5,498.41	5,333.34	5,287.09	40.46	21.91	-163.55	601.19	590.60	2,631.93	2,586.49	45.44	57.922		
6,000.00	5,590.16	5,422.20	5,375.10	41.23	22.28	-163.55	607.12	601.36	2,677.81	2,631.57	46.24	57.909		
6,100.00	5,681.92	5,511.05	5,463.10	42.00	22.66	-163.56	613.05	612.11	2,723.69	2,676.65	47.04	57.896		
6,200.00	5,773.67	5,600.10	5,551.10	42.77	23.04	-163.56	618.99	622.86	2,769.57	2,721.72	47.85	57.883		
6,300.00	5,865.43	5,688.76	5,639.10	43.54	23.42	-163.56	624.92	633.62	2,815.45	2,766.80	48.65	57.871		
6,400.00	5,957.18	5,777.61	5,727.10	44.31	23.79	-163.56	630.85	644.37	2,861.33	2,811.88	49.45	57.859		
6,500.00	6,048.94	5,866.47	5,815.10	45.09	24.17	-163.57	636.79	655.12	2,907.21	2,856.95	50.26	57.846		
6,600.00	6,140.70	5,955.32	5,903.10	45.86	24.55	-163.57	642.72	665.87	2,953.09	2,902.03	51.06	57.834		
6,700.00	6,232.45	6,044.17	5,991.11	46.63	24.92	-163.57	648.65	676.63	2,998.97	2,947.10	51.87	57.822		
6,800.00	6,324.21	6,133.03	6,079.11	47.40	25.30	-163.57	654.58	687.38	3,044.85	2,992.18	52.67	57.810		
6,900.00	6,415.96	6,221.88	6,167.11	48.17	25.68	-163.58	660.52	698.13	3,090.73	3,037.25	53.47	57.798		
7,000.00	6,507.72	6,310.74	6,255.11	48.94	26.06	-163.58	666.45	708.88	3,136.61	3,082.33	54.28	57.786		
7,100.00	6,599.48	6,400.41	6,343.11	49.72	26.44	-163.58	672.38	719.64	3,182.49	3,127.40	55.09	57.771		
7,200.00	6,691.23	6,488.44	6,431.11	50.49	26.81	-163.58	678.31	730.39	3,228.37	3,172.48	55.89	57.763		
7,300.00	6,782.99	6,577.30	6,519.11	51.26	27.19	-163.58	684.25	741.14	3,274.25	3,217.55	56.70	57.752		
7,400.00	6,874.74	6,666.15	6,607.11	52.03	27.57	-163.59	690.18	751.90	3,320.13	3,262.62	57.50	57.740		
7,500.00	6,966.50	6,755.01	6,695.12	52.80	27.94	-163.59	696.11	762.65	3,366.01	3,307.70	58.31	57.729		
7,600.00	7,058.25	6,843.86	6,783.12	53.57	28.32	-163.59	702.04	773.40	3,411.89	3,352.77	59.11	57.717		
7,700.00	7,150.01	6,932.71	6,871.12	54.35	28.70	-163.59	707.98	784.15	3,457.76	3,397.84	59.92	57.706		
7,800.00	7,241.77	7,021.57	6,959.12	55.12	29.07	-163.59	713.91	794.91	3,503.64	3,442.92	60.73	57.695		
7,900.00	7,333.52	7,110.42	7,047.12	55.89	29.45	-163.60	719.84	805.66	3,549.52	3,487.99	61.53	57.684		
8,000.00	7,425.28	7,200.72	7,135.12	56.66	29.84	-163.60	725.77	816.41	3,595.40	3,533.06	62.35	57.667		
8,029.56	7,452.40	7,225.55	7,161.14	56.89	29.94	-163.60	727.53	819.59	3,608.97	3,546.39	62.58	57.669		
8,050.00	7,471.13	7,243.73	7,179.14	57.05	30.02	-157.96	728.74	821.79	3,618.29	3,555.54	62.75	57.665		
8,100.00	7,516.65	7,288.28	7,223.27	57.44	30.21	-145.08	731.72	827.18	3,640.60	3,577.44	63.16	57.642		
8,150.00	7,561.46	7,332.67	7,267.24	57.84	30.40	-133.91	734.68	832.55	3,662.07	3,598.49	63.58	57.600		
8,200.00	7,605.22	7,384.30	7,318.38	58.24	30.61	-124.59	738.13	838.72	3,682.56	3,618.50	64.06	57.488		
8,250.00	7,647.60	7,575.98	7,508.38	58.63	31.15	-118.37	750.74	826.78	3,701.01	3,635.77	65.24	56.727		
8,300.00	7,688.27	7,691.82	7,617.51	59.02	31.30	-113.41	757.80	789.20	3,717.41	3,651.71	65.70	56.583		
8,350.00	7,726.93	7,755.36	7,673.50	59.40	31.34	-109.00	761.36	759.46	3,732.60	3,666.66	65.93	56.613		
8,400.00	7,763.27	7,788.49	7,701.31	59.77	31.35	-105.04	763.12	741.52	3,746.91	3,680.81	66.10	56.686		
8,450.00	7,797.04	7,803.84	7,713.83	60.13	31.36	-101.50	763.90	732.68	3,760.43	3,694.19	66.25	56.763		
8,500.00	7,827.95	7,808.28	7,717.41	60.49	31.36	-98.36	764.12	730.06	3,773.15	3,706.75	66.39	56.831		
8,550.00	7,855.79	7,805.69	7,715.32	60.83	31.36	-95.59	763.99	731.59	3,784.97	3,718.43	66.54	56.884		
8,600.00	7,880.34	7,798.39	7,709.41	61.16	31.36	-93.17	763.62	735.86	3,795.83	3,729.13	66.70	56.913		
8,650.00	7,901.41	7,787.80	7,700.74	61.49	31.35	-91.08	763.08	741.92	3,805.62	3,738.76	66.87	56.914		
8,700.00	7,918.85	7,774.87	7,690.00	61.80	31.35	-89.31	762.41	749.09	3,814.26	3,747.20	67.05	56.883		
8,750.00	7,932.51	7,760.23	7,677.66	62.09	31.34	-87.84	761.63	756.92	3,821.65	3,754.39	67.26	56.815		
8,800.00	7,942.31	7,744.32	7,664.02	62.38	31.34	-86.67	760.76	765.07	3,827.73	3,760.23	67.50	56.709		
8,850.00	7,948.15	7,727.45	7,649.32	62.66	31.33	-85.78	759.83	773.29	3,832.41	3,764.66	67.75	56.565		
8,898.08	7,950.00	7,710.55	7,634.35	62.91	31.32	-85.20	758.88	781.08	3,835.54	3,767.52	68.02	56.389		
8,900.00	7,950.00	7,709.86	7,633.74	62.92	31.31	-85.19	758.84	781.39	3,835.64	3,767.61	68.03	56.382		
9,000.00	7,950.00	7,678.24	7,605.14	63.47	31.29	-84.76	757.01	794.74	3,841.88	3,773.23	68.65	55.960		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,950.00	7,650.00	7,579.01	64.09	31.26	-84.37	755.32	805.31	3,850.42	3,781.06	69.36	55.514		
9,200.00	7,950.00	7,632.54	7,562.61	64.78	31.24	-84.13	754.26	811.20	3,861.31	3,791.14	70.17	55.031		
9,300.00	7,950.00	7,615.59	7,546.52	65.55	31.22	-83.89	753.22	816.43	3,874.60	3,803.56	71.04	54.544		
9,400.00	7,950.00	7,600.00	7,531.59	66.41	31.19	-83.66	752.25	820.82	3,890.30	3,818.33	71.97	54.057		
9,500.00	7,950.00	7,600.00	7,531.59	67.35	31.19	-83.66	752.25	820.82	3,908.43	3,835.42	73.01	53.530		
9,600.00	7,950.00	7,578.87	7,511.18	68.38	31.16	-83.36	750.92	826.12	3,928.89	3,854.90	73.99	53.099		
9,700.00	7,950.00	7,569.83	7,502.39	69.50	31.14	-83.23	750.34	828.15	3,951.75	3,876.69	75.06	52.649		
9,800.00	7,950.00	7,550.00	7,483.01	70.71	31.11	-82.94	749.07	832.13	3,977.00	3,900.91	76.09	52.270		
9,900.00	7,950.00	7,550.00	7,483.01	72.01	31.11	-82.94	749.07	832.13	4,004.46	3,927.22	77.24	51.846		
10,000.00	7,950.00	7,550.00	7,483.01	73.40	31.11	-82.94	749.07	832.13	4,034.21	3,955.81	78.40	51.460		
10,100.00	7,950.00	7,550.00	7,483.01	74.87	31.11	-82.94	749.07	832.13	4,066.20	3,986.65	79.55	51.112		
10,200.00	7,950.00	7,550.00	7,483.01	76.42	31.11	-82.94	749.07	832.13	4,100.39	4,019.68	80.71	50.804		
10,300.00	7,950.00	7,550.00	7,483.01	78.05	31.11	-82.94	749.07	832.13	4,136.71	4,054.85	81.85	50.538		
10,400.00	7,950.00	7,529.46	7,462.80	79.75	31.06	-82.63	747.75	835.53	4,174.91	4,092.05	82.86	50.384		
10,500.00	7,950.00	7,525.70	7,459.09	81.52	31.05	-82.58	747.50	836.08	4,215.25	4,131.30	83.95	50.209		
10,600.00	7,950.00	7,522.26	7,455.68	83.35	31.04	-82.53	747.28	836.56	4,257.54	4,172.51	85.03	50.072		
10,700.00	7,950.00	7,519.09	7,452.55	85.24	31.04	-82.48	747.07	836.98	4,301.73	4,215.65	86.08	49.973		
10,800.00	7,950.00	7,500.00	7,433.63	87.18	30.99	-82.20	745.82	839.15	4,347.90	4,260.89	87.01	49.971		
10,900.00	7,950.00	7,500.00	7,433.63	89.18	30.99	-82.20	745.82	839.15	4,395.67	4,307.64	88.03	49.933		
11,000.00	7,950.00	7,500.00	7,433.63	91.22	30.99	-82.20	745.82	839.15	4,445.19	4,356.16	89.03	49.931 SF		
11,100.00	7,950.00	7,500.00	7,433.63	93.30	30.99	-82.20	745.82	839.15	4,496.38	4,406.39	89.99	49.963		
11,200.00	7,950.00	7,500.00	7,433.63	95.43	30.99	-82.20	745.82	839.15	4,549.20	4,458.26	90.93	50.028		
11,300.00	7,950.00	7,500.00	7,433.63	97.58	30.99	-82.20	745.82	839.15	4,603.58	4,511.74	91.84	50.125		
11,400.00	7,950.00	7,500.00	7,433.63	99.78	30.99	-82.20	745.82	839.15	4,659.47	4,566.75	92.72	50.253		
11,500.00	7,950.00	7,500.00	7,433.63	102.00	30.99	-82.20	745.82	839.15	4,716.83	4,623.26	93.57	50.409		
11,600.00	7,950.00	7,500.00	7,433.63	104.25	30.99	-82.20	745.82	839.15	4,775.58	4,681.19	94.39	50.594		
11,700.00	7,950.00	7,500.00	7,433.63	106.52	30.99	-82.20	745.82	839.15	4,835.70	4,740.51	95.18	50.805		
11,800.00	7,950.00	7,500.00	7,433.63	108.82	30.99	-82.20	745.82	839.15	4,897.11	4,801.17	95.94	51.041		
11,900.00	7,950.00	7,500.00	7,433.63	111.14	30.99	-82.20	745.82	839.15	4,959.78	4,863.10	96.68	51.301		
12,000.00	7,950.00	7,500.00	7,433.63	113.48	30.99	-82.20	745.82	839.15	5,023.66	4,926.28	97.39	51.585		
12,100.00	7,950.00	7,500.00	7,433.63	115.84	30.99	-82.20	745.82	839.15	5,088.71	4,990.64	98.07	51.890		
12,200.00	7,950.00	7,500.00	7,433.63	118.21	30.99	-82.20	745.82	839.15	5,154.87	5,056.15	98.72	52.216		
12,300.00	7,950.00	7,500.00	7,433.63	120.61	30.99	-82.20	745.82	839.15	5,222.11	5,122.76	99.35	52.562		
12,400.00	7,950.00	7,500.00	7,433.63	123.01	30.99	-82.20	745.82	839.15	5,290.39	5,190.43	99.96	52.927		
12,500.00	7,950.00	7,500.00	7,433.63	125.43	30.99	-82.20	745.82	839.15	5,359.66	5,259.12	100.54	53.310		
12,600.00	7,950.00	7,500.00	7,433.63	127.87	30.99	-82.20	745.82	839.15	5,429.89	5,328.79	101.10	53.710		
12,700.00	7,950.00	7,500.00	7,433.63	130.31	30.99	-82.20	745.82	839.15	5,501.04	5,399.41	101.63	54.127		
12,800.00	7,950.00	7,500.00	7,433.63	132.77	30.99	-82.20	745.82	839.15	5,573.08	5,470.93	102.15	54.558		
12,900.00	7,950.00	7,500.00	7,433.63	135.24	30.99	-82.20	745.82	839.15	5,645.97	5,543.32	102.64	55.005		
13,000.00	7,950.00	7,500.00	7,433.63	137.71	30.99	-82.20	745.82	839.15	5,719.68	5,616.56	103.12	55.466		
13,100.00	7,950.00	7,500.00	7,433.63	140.20	30.99	-82.20	745.82	839.15	5,794.18	5,690.60	103.58	55.941		
13,200.00	7,950.00	7,500.00	7,433.63	142.69	30.99	-82.20	745.82	839.15	5,869.43	5,765.41	104.02	56.428		
13,300.00	7,950.00	7,500.00	7,433.63	145.20	30.99	-82.20	745.82	839.15	5,945.42	5,840.98	104.44	56.927		
13,400.00	7,950.00	7,500.00	7,433.63	147.71	30.99	-82.20	745.82	839.15	6,022.10	5,917.26	104.84	57.438		
13,500.00	7,950.00	7,500.00	7,433.63	150.23	30.99	-82.20	745.82	839.15	6,099.46	5,994.23	105.23	57.961		
13,600.00	7,950.00	7,500.00	7,433.63	152.75	30.99	-82.20	745.82	839.15	6,177.48	6,071.87	105.61	58.494		
13,700.00	7,950.00	7,477.78	7,411.52	155.28	30.93	-81.87	744.36	840.88	6,255.74	6,149.90	105.84	59.108		
13,800.00	7,950.00	7,477.17	7,410.92	157.82	30.93	-81.86	744.31	840.91	6,334.96	6,228.78	106.18	59.662		
13,900.00	7,950.00	7,476.58	7,410.33	160.36	30.93	-81.85	744.28	840.95	6,414.75	6,308.24	106.51	60.226		
14,000.00	7,950.00	7,476.01	7,409.76	162.91	30.93	-81.84	744.24	840.98	6,495.11	6,388.28	106.83	60.799		
14,100.00	7,950.00	7,475.46	7,409.22	165.47	30.92	-81.83	744.20	841.01	6,576.00	6,468.87	107.14	61.380		
14,200.00	7,950.00	7,474.93	7,408.69	168.02	30.92	-81.83	744.17	841.04	6,657.42	6,549.99	107.43	61.969		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 1BH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,300.00	7,950.00	7,474.42	7,408.17	170.59	30.92	-81.82	744.13	841.06	6,739.33	6,631.61	107.72	62.566	
14,400.00	7,950.00	7,473.92	7,407.68	173.15	30.92	-81.81	744.10	841.09	6,821.72	6,713.74	107.99	63.170	
14,500.00	7,950.00	7,473.44	7,407.20	175.73	30.92	-81.80	744.07	841.11	6,904.58	6,796.33	108.25	63.781	
14,600.00	7,950.00	7,472.98	7,406.74	178.30	30.92	-81.80	744.04	841.14	6,987.89	6,879.38	108.51	64.399	
14,700.00	7,950.00	7,472.52	7,406.29	180.88	30.92	-81.79	744.01	841.16	7,071.63	6,962.88	108.75	65.024	
14,800.00	7,950.00	7,450.00	7,383.82	183.46	30.85	-81.46	742.51	841.83	7,156.18	7,047.33	108.85	65.741	
14,900.00	7,950.00	7,450.00	7,383.82	186.05	30.85	-81.46	742.51	841.83	7,240.73	7,131.64	109.09	66.376	
15,000.00	7,950.00	7,450.00	7,383.82	188.64	30.85	-81.46	742.51	841.83	7,325.66	7,216.35	109.31	67.017	
15,100.00	7,950.00	7,450.00	7,383.82	191.23	30.85	-81.46	742.51	841.83	7,410.97	7,301.45	109.53	67.663	
15,200.00	7,950.00	7,450.00	7,383.82	193.83	30.85	-81.46	742.51	841.83	7,496.65	7,386.91	109.74	68.315	
15,300.00	7,950.00	7,450.00	7,383.82	196.43	30.85	-81.46	742.51	841.83	7,582.67	7,472.73	109.94	68.971	
15,400.00	7,950.00	7,450.00	7,383.82	199.03	30.85	-81.46	742.51	841.83	7,669.04	7,558.90	110.14	69.633	
15,500.00	7,950.00	7,450.00	7,383.82	201.63	30.85	-81.46	742.51	841.83	7,755.73	7,645.40	110.33	70.299	
15,600.00	7,950.00	7,450.00	7,383.82	204.24	30.85	-81.46	742.51	841.83	7,842.74	7,732.23	110.51	70.969	
15,700.00	7,950.00	7,450.00	7,383.82	206.85	30.85	-81.46	742.51	841.83	7,930.05	7,819.37	110.69	71.644	
15,800.00	7,950.00	7,450.00	7,383.82	209.46	30.85	-81.46	742.51	841.83	8,017.67	7,906.81	110.86	72.322	
15,900.00	7,950.00	7,450.00	7,383.82	212.08	30.85	-81.46	742.51	841.83	8,105.57	7,994.54	111.03	73.005	
16,000.00	7,950.00	7,450.00	7,383.82	214.69	30.85	-81.46	742.51	841.83	8,193.74	8,082.55	111.19	73.691	
16,100.00	7,950.00	7,450.00	7,383.82	217.31	30.85	-81.46	742.51	841.83	8,282.19	8,170.84	111.35	74.381	
16,200.00	7,950.00	7,450.00	7,383.82	219.93	30.85	-81.46	742.51	841.83	8,370.89	8,259.39	111.50	75.075	
16,300.00	7,950.00	7,450.00	7,383.82	222.55	30.85	-81.46	742.51	841.83	8,459.85	8,348.20	111.65	75.771	
16,400.00	7,950.00	7,450.00	7,383.82	225.18	30.85	-81.46	742.51	841.83	8,549.05	8,437.25	111.79	76.471	
16,500.00	7,950.00	7,450.00	7,383.82	227.80	30.85	-81.46	742.51	841.83	8,638.49	8,526.55	111.94	77.174	
16,600.00	7,950.00	7,450.00	7,383.82	230.43	30.85	-81.46	742.51	841.83	8,728.15	8,616.08	112.07	77.880	
16,680.54	7,950.00	7,450.00	7,383.82	232.54	30.85	-81.46	742.51	841.83	8,800.53	8,688.35	112.18	78.450	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 2AH - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	4.50	4.50	0.00	0.01	-0.14	224.75	-0.56	224.75				
100.00	100.00	104.50	104.50	0.13	0.15	-0.14	224.75	-0.56	224.75	224.47	0.28	788.651	
200.00	200.00	204.50	204.50	0.49	0.51	-0.14	224.75	-0.56	224.75	223.75	1.00	224.321	
250.00	250.00	254.54	254.54	0.67	0.69	-0.14	224.75	-0.56	224.75	223.39	1.36	165.241	
250.66	250.66	255.21	255.21	0.67	0.69	-172.83	224.75	-0.56	224.75	223.39	1.36	164.685 CC, ES	
300.00	300.00	305.04	305.03	0.84	0.86	-172.72	224.69	-0.04	225.12	223.41	1.71	131.813	
400.00	399.93	405.87	405.79	1.18	1.22	-171.89	224.23	3.64	228.15	225.75	2.40	95.017	
500.00	499.68	506.27	505.93	1.54	1.58	-170.36	223.34	10.81	234.35	231.23	3.12	75.121	
600.00	599.13	605.98	605.06	1.91	1.96	-168.23	222.03	21.36	243.93	240.07	3.86	63.216	
700.00	698.15	704.66	702.99	2.31	2.35	-166.07	220.53	33.43	257.15	252.54	4.62	55.714	
800.00	796.63	802.92	800.50	2.74	2.74	-164.28	219.04	45.44	274.00	268.62	5.38	50.906	
900.00	894.44	900.62	897.46	3.20	3.14	-162.86	217.56	57.39	294.34	288.18	6.16	47.797	
1,000.00	991.46	1,002.36	993.74	3.70	3.55	-161.78	216.09	69.26	318.04	311.08	6.96	45.692	
1,100.00	1,087.58	1,106.12	1,089.24	4.24	3.97	-160.99	214.63	81.03	345.00	337.22	7.78	44.336	
1,200.00	1,182.68	1,189.20	1,183.84	4.82	4.31	-160.45	213.18	92.69	375.14	366.62	8.53	43.991	
1,300.00	1,276.65	1,283.49	1,277.41	5.45	4.70	-160.10	211.75	104.22	408.41	399.08	9.33	43.778 SF	
1,400.00	1,369.36	1,376.65	1,369.86	6.13	5.08	-159.90	210.33	115.62	444.76	434.63	10.13	43.884	
1,421.41	1,389.04	1,403.57	1,389.49	6.28	5.19	-159.88	210.03	118.04	452.94	442.60	10.34	43.798	
1,500.00	1,461.15	1,468.95	1,461.45	6.84	5.46	-160.01	208.93	126.91	483.21	472.27	10.94	44.166	
1,600.00	1,552.91	1,561.22	1,553.02	7.57	5.84	-160.15	207.53	138.19	521.74	510.00	11.74	44.423	
1,700.00	1,644.66	1,653.50	1,644.59	8.30	6.22	-160.28	206.13	149.48	560.27	547.71	12.55	44.628	
1,800.00	1,736.42	1,745.77	1,736.16	9.04	6.60	-160.38	204.73	160.76	598.80	585.43	13.37	44.794	
1,900.00	1,828.17	1,838.04	1,827.73	9.79	6.98	-160.48	203.33	172.05	637.33	623.15	14.18	44.930	
2,000.00	1,919.93	1,930.32	1,919.30	10.54	7.37	-160.56	201.93	183.34	675.86	660.86	15.00	45.043	
2,100.00	2,011.68	2,022.59	2,010.87	11.29	7.75	-160.64	200.53	194.62	714.40	698.57	15.83	45.138	
2,200.00	2,103.44	2,114.86	2,102.44	12.05	8.13	-160.71	199.13	205.91	752.93	736.28	16.65	45.217	
2,300.00	2,195.20	2,207.14	2,194.01	12.80	8.51	-160.77	197.73	217.19	791.47	773.99	17.48	45.285	
2,400.00	2,286.95	2,300.59	2,285.58	13.56	8.90	-160.82	196.33	228.48	830.01	811.70	18.31	45.331	
2,500.00	2,378.71	2,408.32	2,377.15	14.32	9.34	-160.87	194.92	239.77	868.54	849.34	19.20	45.230	
2,600.00	2,470.46	2,483.96	2,468.72	15.09	9.65	-160.92	193.52	251.05	907.08	887.12	19.96	45.435	
2,700.00	2,562.22	2,576.23	2,560.29	15.85	10.04	-160.96	192.12	262.34	945.62	924.82	20.80	45.473	
2,800.00	2,653.98	2,668.50	2,651.86	16.61	10.42	-161.00	190.72	273.62	984.16	962.53	21.63	45.506	
2,900.00	2,745.73	2,760.78	2,743.43	17.38	10.80	-161.04	189.32	284.91	1,022.70	1,000.24	22.46	45.534	
3,000.00	2,837.49	2,853.05	2,835.00	18.14	11.18	-161.07	187.92	296.20	1,061.24	1,037.94	23.29	45.559	
3,100.00	2,929.24	2,945.33	2,926.57	18.91	11.56	-161.10	186.52	307.48	1,099.78	1,075.65	24.13	45.582	
3,200.00	3,021.00	3,037.60	3,018.14	19.67	11.95	-161.13	185.12	318.77	1,138.32	1,113.35	24.96	45.601	
3,300.00	3,112.75	3,129.87	3,109.71	20.44	12.33	-161.16	183.72	330.05	1,176.86	1,151.06	25.80	45.619	
3,400.00	3,204.51	3,222.15	3,201.28	21.21	12.71	-161.18	182.32	341.34	1,215.40	1,188.76	26.63	45.635	
3,500.00	3,296.27	3,314.42	3,292.85	21.98	13.09	-161.21	180.92	352.63	1,253.94	1,226.47	27.47	45.649	
3,600.00	3,388.02	3,406.69	3,384.42	22.74	13.48	-161.23	179.52	363.91	1,292.48	1,264.17	28.31	45.661	
3,700.00	3,479.78	3,501.03	3,475.99	23.51	13.87	-161.25	178.12	375.20	1,331.02	1,301.87	29.15	45.659	
3,800.00	3,571.53	3,608.76	3,567.56	24.28	14.31	-161.27	176.72	386.48	1,369.56	1,339.51	30.05	45.572	
3,900.00	3,663.29	3,683.51	3,659.13	25.05	14.62	-161.29	175.31	397.77	1,408.10	1,377.28	30.82	45.691	
4,000.00	3,755.05	3,775.79	3,750.70	25.82	15.01	-161.31	173.91	409.06	1,446.64	1,414.99	31.66	45.699	
4,100.00	3,846.80	3,868.06	3,842.27	26.59	15.39	-161.32	172.51	420.34	1,485.18	1,452.69	32.49	45.706	
4,200.00	3,938.56	3,960.33	3,933.84	27.36	15.77	-161.34	171.11	431.63	1,523.73	1,490.39	33.33	45.712	
4,300.00	4,030.31	4,052.61	4,025.41	28.13	16.15	-161.35	169.71	442.91	1,562.27	1,528.10	34.17	45.718	
4,400.00	4,122.07	4,144.88	4,116.98	28.90	16.53	-161.37	168.31	454.20	1,600.81	1,565.80	35.01	45.723	
4,500.00	4,213.82	4,237.15	4,208.55	29.67	16.92	-161.38	166.91	465.49	1,639.35	1,603.50	35.85	45.728	
4,600.00	4,305.58	4,329.43	4,300.12	30.44	17.30	-161.40	165.51	476.77	1,677.89	1,641.20	36.69	45.732	
4,700.00	4,397.34	4,421.70	4,391.70	31.21	17.68	-161.41	164.11	488.06	1,716.43	1,678.91	37.53	45.735	
4,800.00	4,489.09	4,513.98	4,483.27	31.98	18.06	-161.42	162.71	499.34	1,754.98	1,716.61	38.37	45.739	

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 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		
4,900.00	4,580.85	4,606.25	4,574.84	32.75	18.45	-161.43	161.31	510.63	1,793.52	1,754.31	39.21	45.741		
5,000.00	4,672.60	4,701.48	4,666.41	33.52	18.84	-161.44	159.91	521.91	1,832.06	1,792.00	40.06	45.730		
5,100.00	4,764.36	4,809.20	4,757.98	34.29	19.29	-161.45	158.51	533.20	1,870.60	1,829.64	40.97	45.661		
5,200.00	4,856.12	4,883.07	4,849.55	35.06	19.59	-161.46	157.10	544.49	1,909.15	1,867.41	41.73	45.748		
5,300.00	4,947.87	4,975.34	4,941.12	35.83	19.98	-161.47	155.70	555.77	1,947.69	1,905.11	42.57	45.749		
5,400.00	5,039.63	5,067.62	5,032.69	36.60	20.36	-161.48	154.30	567.06	1,986.23	1,942.82	43.41	45.750		
5,500.00	5,131.38	5,159.89	5,124.26	37.37	20.74	-161.49	152.90	578.34	2,024.77	1,980.52	44.26	45.751		
5,600.00	5,223.14	5,252.16	5,215.83	38.14	21.12	-161.50	151.50	589.63	2,063.31	2,018.22	45.10	45.752		
5,700.00	5,314.89	5,344.44	5,307.40	38.91	21.51	-161.51	150.10	600.92	2,101.86	2,055.92	45.94	45.753		
5,800.00	5,406.65	5,436.71	5,398.97	39.69	21.89	-161.52	148.70	612.20	2,140.40	2,093.62	46.78	45.753		
5,900.00	5,498.41	5,528.98	5,490.54	40.46	22.27	-161.52	147.30	623.49	2,178.94	2,131.32	47.62	45.753		
6,000.00	5,590.16	5,621.26	5,582.11	41.23	22.66	-161.53	145.90	634.77	2,217.48	2,169.02	48.47	45.753		
6,100.00	5,681.92	5,713.53	5,673.68	42.00	23.04	-161.54	144.50	646.06	2,256.03	2,206.72	49.31	45.753		
6,200.00	5,773.67	5,805.80	5,765.25	42.77	23.42	-161.55	143.10	657.35	2,294.57	2,244.42	50.15	45.753		
6,300.00	5,865.43	5,901.92	5,856.82	43.54	23.82	-161.55	141.70	668.63	2,333.11	2,282.10	51.01	45.738		
6,400.00	5,957.18	6,009.65	5,948.39	44.31	24.27	-161.56	140.30	679.92	2,371.66	2,319.74	51.92	45.681		
6,500.00	6,048.94	6,082.63	6,039.96	45.09	24.57	-161.57	138.90	691.20	2,410.20	2,357.52	52.68	45.751		
6,600.00	6,140.70	6,174.90	6,131.53	45.86	24.95	-161.57	137.49	702.49	2,448.74	2,395.22	53.52	45.750		
6,700.00	6,232.45	6,267.17	6,223.10	46.63	25.33	-161.58	136.09	713.78	2,487.28	2,432.92	54.37	45.749		
6,800.00	6,324.21	6,359.45	6,314.67	47.40	25.72	-161.58	134.69	725.06	2,525.83	2,470.61	55.21	45.748		
6,900.00	6,415.96	6,451.72	6,406.24	48.17	26.10	-161.59	133.29	736.35	2,564.37	2,508.31	56.06	45.747		
7,000.00	6,507.72	6,543.99	6,497.81	48.94	26.48	-161.59	131.89	747.63	2,602.91	2,546.01	56.90	45.745		
7,100.00	6,599.48	6,636.27	6,589.38	49.72	26.86	-161.60	130.49	758.92	2,641.45	2,583.71	57.74	45.744		
7,200.00	6,691.23	6,728.54	6,680.95	50.49	27.25	-161.61	129.09	770.21	2,680.00	2,621.41	58.59	45.742		
7,300.00	6,782.99	6,820.81	6,772.52	51.26	27.63	-161.61	127.69	781.49	2,718.54	2,659.11	59.43	45.741		
7,400.00	6,874.74	6,913.09	6,864.09	52.03	28.01	-161.61	126.29	792.78	2,757.08	2,696.80	60.28	45.739		
7,500.00	6,966.50	7,005.36	6,955.66	52.80	28.39	-161.62	124.89	804.06	2,795.63	2,734.50	61.12	45.737		
7,600.00	7,058.25	7,102.37	7,047.23	53.57	28.80	-161.62	123.49	815.35	2,834.17	2,772.18	61.99	45.721		
7,700.00	7,150.01	7,189.91	7,138.80	54.35	29.16	-161.63	122.09	826.64	2,872.71	2,809.90	62.81	45.734		
7,800.00	7,241.77	7,282.18	7,230.37	55.12	29.54	-161.63	120.69	837.92	2,911.25	2,847.59	63.66	45.732		
7,900.00	7,333.52	7,844.64	7,734.81	55.89	30.39	-166.69	111.50	845.03	2,941.81	2,876.97	64.84	45.368		
8,000.00	7,425.28	8,000.00	7,814.59	56.66	30.63	-169.22	109.53	854.80	2,967.72	2,902.70	65.02	45.643		
8,029.56	7,452.40	8,043.67	7,836.78	56.89	30.74	-170.24	108.89	865.30	2,975.66	2,910.57	65.09	45.715		
8,050.00	7,471.13	8,057.12	7,841.47	57.05	30.79	-165.31	108.75	862.68	2,981.25	2,916.09	65.16	45.752		
8,100.00	7,516.65	8,076.47	7,847.68	57.44	30.85	-153.73	108.54	864.36	2,995.26	2,929.94	65.32	45.853		
8,150.00	7,561.46	8,082.82	7,849.58	57.84	30.88	-143.35	108.48	868.30	3,009.72	2,944.27	65.46	45.981		
8,200.00	7,605.22	8,080.92	7,849.02	58.24	30.87	-134.37	108.50	870.12	3,024.56	2,959.00	65.56	46.133		
8,250.00	7,647.60	8,073.53	7,846.78	58.63	30.84	-126.70	108.57	874.16	3,039.65	2,974.01	65.64	46.305		
8,300.00	7,688.27	8,062.32	7,843.20	59.02	30.81	-120.15	108.69	877.79	3,054.85	2,989.14	65.70	46.494		
8,350.00	7,726.93	8,048.36	7,838.45	59.40	30.76	-114.52	108.84	880.91	3,070.00	3,004.25	65.75	46.694		
8,400.00	7,763.27	8,032.40	7,832.63	59.77	30.71	-109.65	109.02	885.77	3,084.94	3,019.16	65.79	46.893		
8,450.00	7,797.04	8,014.91	7,825.79	60.13	30.67	-105.40	109.22	891.86	3,099.54	3,033.72	65.82	47.093		
8,500.00	7,827.95	7,996.28	7,817.96	60.49	30.62	-101.69	109.45	898.77	3,113.62	3,047.78	65.85	47.287		
8,550.00	7,855.79	7,976.75	7,809.17	60.83	30.58	-98.45	109.69	906.20	3,127.06	3,061.17	65.89	47.461		
8,600.00	7,880.34	7,956.54	7,799.45	61.16	30.54	-95.61	109.94	913.92	3,139.71	3,073.77	65.94	47.618		
8,650.00	7,901.41	7,935.78	7,788.82	61.49	30.50	-93.15	110.22	921.74	3,151.44	3,085.43	66.00	47.746		
8,700.00	7,918.85	7,914.62	7,777.33	61.80	30.47	-91.04	110.50	929.52	3,162.13	3,096.04	66.10	47.842		
8,750.00	7,932.51	7,893.13	7,765.00	62.09	30.44	-89.27	110.80	937.11	3,171.68	3,105.47	66.21	47.902		
8,800.00	7,942.31	7,871.41	7,751.88	62.38	30.42	-87.81	111.11	944.41	3,179.98	3,113.63	66.36	47.921		
8,850.00	7,948.15	7,850.00	7,738.31	62.66	30.40	-86.66	111.42	951.97	3,186.95	3,120.42	66.53	47.901		
8,898.08	7,950.00	7,828.32	7,723.94	62.91	30.38	-85.84	111.75	959.20	3,192.32	3,125.59	66.73	47.841		
8,900.00	7,950.00	7,827.47	7,723.37	62.92	30.38	-85.83	111.76	960.83	3,192.51	3,125.77	66.74	47.838		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 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		
9,000.00	7,950.00	7,786.42	7,694.49	63.47	30.35	-85.31	112.39	686.99	3,203.39	3,136.18	67.21	47.662		
9,100.00	7,950.00	7,750.00	7,667.19	64.09	30.33	-84.82	112.96	711.07	3,216.53	3,148.77	67.75	47.474		
9,200.00	7,950.00	7,719.81	7,643.43	64.78	30.32	-84.40	113.45	729.68	3,232.05	3,163.69	68.36	47.278		
9,300.00	7,950.00	7,700.00	7,627.32	65.55	30.31	-84.11	113.78	741.21	3,250.06	3,181.02	69.04	47.075		
9,400.00	7,950.00	7,669.06	7,601.39	66.41	30.29	-83.65	114.29	758.07	3,270.56	3,200.83	69.74	46.899		
9,500.00	7,950.00	7,650.00	7,584.98	67.35	30.28	-83.36	114.61	767.75	3,293.64	3,223.14	70.50	46.721		
9,600.00	7,950.00	7,629.68	7,567.13	68.38	30.26	-83.04	114.95	777.47	3,319.28	3,248.00	71.28	46.568		
9,700.00	7,950.00	7,600.00	7,540.48	69.50	30.24	-82.57	115.45	790.51	3,347.54	3,275.49	72.05	46.464		
9,800.00	7,950.00	7,600.00	7,540.48	70.71	30.24	-82.57	115.45	790.51	3,378.18	3,305.25	72.93	46.318		
9,900.00	7,950.00	7,600.00	7,540.48	72.01	30.24	-82.57	115.45	790.51	3,411.48	3,337.65	73.83	46.206		
10,000.00	7,950.00	7,573.36	7,516.01	73.40	30.21	-82.14	115.90	801.02	3,447.02	3,372.39	74.63	46.189		
10,100.00	7,950.00	7,550.00	7,494.17	74.87	30.19	-81.75	116.30	809.30	3,485.12	3,409.69	75.43	46.203		
10,200.00	7,950.00	7,550.00	7,494.17	76.42	30.19	-81.75	116.30	809.30	3,525.39	3,449.07	76.33	46.188		
10,300.00	7,950.00	7,550.00	7,494.17	78.05	30.19	-81.75	116.30	809.30	3,568.02	3,490.80	77.21	46.211		
10,400.00	7,950.00	7,550.00	7,494.17	79.75	30.19	-81.75	116.30	809.30	3,612.90	3,534.82	78.08	46.271		
10,500.00	7,950.00	7,527.94	7,473.25	81.52	30.16	-81.38	116.67	816.29	3,659.70	3,580.87	78.83	46.425		
10,600.00	7,950.00	7,520.96	7,466.58	83.35	30.15	-81.26	116.79	818.33	3,708.65	3,629.02	79.63	46.573		
10,700.00	7,950.00	7,500.00	7,446.40	85.24	30.12	-80.91	117.15	823.98	3,759.71	3,679.37	80.34	46.799		
10,800.00	7,950.00	7,500.00	7,446.40	87.18	30.12	-80.91	117.15	823.98	3,812.45	3,731.32	81.13	46.993		
10,900.00	7,950.00	7,500.00	7,446.40	89.18	30.12	-80.91	117.15	823.98	3,867.06	3,785.17	81.89	47.221		
11,000.00	7,950.00	7,500.00	7,446.40	91.22	30.12	-80.91	117.15	823.98	3,923.46	3,840.83	82.63	47.481		
11,100.00	7,950.00	7,500.00	7,446.40	93.30	30.12	-80.91	117.15	823.98	3,981.58	3,898.23	83.35	47.771		
11,200.00	7,950.00	7,500.00	7,446.40	95.43	30.12	-80.91	117.15	823.98	4,041.33	3,957.30	84.03	48.092		
11,300.00	7,950.00	7,500.00	7,446.40	97.58	30.12	-80.91	117.15	823.98	4,102.65	4,017.96	84.70	48.440		
11,400.00	7,950.00	7,480.17	7,427.13	99.78	30.09	-80.57	117.48	828.64	4,165.21	4,079.97	85.23	48.868		
11,500.00	7,950.00	7,476.42	7,423.46	102.00	30.08	-80.51	117.55	829.45	4,229.34	4,143.51	85.83	49.277		
11,600.00	7,950.00	7,472.87	7,420.00	104.25	30.07	-80.45	117.61	830.19	4,294.83	4,208.43	86.40	49.710		
11,700.00	7,950.00	7,450.00	7,397.53	106.52	30.03	-80.06	117.99	834.44	4,361.88	4,275.03	86.84	50.227		
11,800.00	7,950.00	7,450.00	7,397.53	108.82	30.03	-80.06	117.99	834.44	4,429.82	4,342.43	87.39	50.692		
11,900.00	7,950.00	7,450.00	7,397.53	111.14	30.03	-80.06	117.99	834.44	4,498.95	4,411.05	87.91	51.178		
12,000.00	7,950.00	7,450.00	7,397.53	113.48	30.03	-80.06	117.99	834.44	4,569.23	4,480.83	88.41	51.684		
12,100.00	7,950.00	7,450.00	7,397.53	115.84	30.03	-80.06	117.99	834.44	4,640.60	4,551.72	88.88	52.209		
12,200.00	7,950.00	7,450.00	7,397.53	118.21	30.03	-80.06	117.99	834.44	4,713.01	4,623.67	89.34	52.752		
12,300.00	7,950.00	7,450.00	7,397.53	120.61	30.03	-80.06	117.99	834.44	4,786.42	4,696.64	89.78	53.313		
12,400.00	7,950.00	7,450.00	7,397.53	123.01	30.03	-80.06	117.99	834.44	4,860.77	4,770.57	90.20	53.889		
12,500.00	7,950.00	7,450.00	7,397.53	125.43	30.03	-80.06	117.99	834.44	4,936.03	4,845.43	90.60	54.481		
12,600.00	7,950.00	7,450.00	7,397.53	127.87	30.03	-80.06	117.99	834.44	5,012.16	4,921.17	90.99	55.087		
12,700.00	7,950.00	7,450.00	7,397.53	130.31	30.03	-80.06	117.99	834.44	5,089.11	4,997.75	91.35	55.707		
12,800.00	7,950.00	7,450.00	7,397.53	132.77	30.03	-80.06	117.99	834.44	5,166.85	5,075.14	91.71	56.340		
12,900.00	7,950.00	7,450.00	7,397.53	135.24	30.03	-80.06	117.99	834.44	5,245.35	5,153.30	92.05	56.986		
13,000.00	7,950.00	7,450.00	7,397.53	137.71	30.03	-80.06	117.99	834.44	5,324.56	5,232.19	92.37	57.643		
13,100.00	7,950.00	7,450.00	7,397.53	140.20	30.03	-80.06	117.99	834.44	5,404.47	5,311.78	92.68	58.312		
13,200.00	7,950.00	7,450.00	7,397.53	142.69	30.03	-80.06	117.99	834.44	5,485.03	5,392.05	92.98	58.991		
13,300.00	7,950.00	7,450.00	7,397.53	145.20	30.03	-80.06	117.99	834.44	5,566.23	5,472.96	93.27	59.681		
13,400.00	7,950.00	7,450.00	7,397.53	147.71	30.03	-80.06	117.99	834.44	5,648.02	5,554.48	93.54	60.380		
13,500.00	7,950.00	7,450.00	7,397.53	150.23	30.03	-80.06	117.99	834.44	5,730.40	5,636.59	93.81	61.088		
13,600.00	7,950.00	7,450.00	7,397.53	152.75	30.03	-80.06	117.99	834.44	5,813.33	5,719.27	94.06	61.804		
13,700.00	7,950.00	7,427.82	7,375.59	155.28	29.99	-79.67	118.36	837.71	5,896.39	5,802.18	94.21	62.588		
13,800.00	7,950.00	7,426.51	7,374.29	157.82	29.98	-79.65	118.38	837.88	5,980.30	5,885.86	94.44	63.324		
13,900.00	7,950.00	7,425.24	7,373.04	160.36	29.98	-79.63	118.40	838.04	6,064.70	5,970.04	94.66	64.067		
14,000.00	7,950.00	7,424.02	7,371.82	162.91	29.98	-79.61	118.42	838.19	6,149.57	6,054.69	94.88	64.817		
14,100.00	7,950.00	7,422.84	7,370.65	165.47	29.97	-79.59	118.44	838.33	6,234.88	6,139.80	95.08	65.574		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 2AH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,200.00	7,950.00	7,400.00	7,347.93	168.02	29.93	-79.19	118.82	840.61	6,321.01	6,225.83	95.18	66.409	
14,300.00	7,950.00	7,400.00	7,347.93	170.59	29.93	-79.19	118.82	840.61	6,407.12	6,311.74	95.38	67.174	
14,400.00	7,950.00	7,400.00	7,347.93	173.15	29.93	-79.19	118.82	840.61	6,493.64	6,398.06	95.57	67.945	
14,500.00	7,950.00	7,400.00	7,347.93	175.73	29.93	-79.19	118.82	840.61	6,580.53	6,484.77	95.76	68.721	
14,600.00	7,950.00	7,400.00	7,347.93	178.30	29.93	-79.19	118.82	840.61	6,667.79	6,571.86	95.94	69.503	
14,700.00	7,950.00	7,400.00	7,347.93	180.88	29.93	-79.19	118.82	840.61	6,755.41	6,659.30	96.11	70.290	
14,800.00	7,950.00	7,400.00	7,347.93	183.46	29.93	-79.19	118.82	840.61	6,843.36	6,747.09	96.28	71.081	
14,900.00	7,950.00	7,400.00	7,347.93	186.05	29.93	-79.19	118.82	840.61	6,931.64	6,835.21	96.44	71.878	
15,000.00	7,950.00	7,400.00	7,347.93	188.64	29.93	-79.19	118.82	840.61	7,020.24	6,923.65	96.59	72.678	
15,100.00	7,950.00	7,400.00	7,347.93	191.23	29.93	-79.19	118.82	840.61	7,109.14	7,012.39	96.75	73.483	
15,200.00	7,950.00	7,400.00	7,347.93	193.83	29.93	-79.19	118.82	840.61	7,198.33	7,101.43	96.89	74.292	
15,300.00	7,950.00	7,400.00	7,347.93	196.43	29.93	-79.19	118.82	840.61	7,287.80	7,190.76	97.04	75.104	
15,400.00	7,950.00	7,400.00	7,347.93	199.03	29.93	-79.19	118.82	840.61	7,377.54	7,280.36	97.17	75.920	
15,500.00	7,950.00	7,400.00	7,347.93	201.63	29.93	-79.19	118.82	840.61	7,467.54	7,370.23	97.31	76.740	
15,600.00	7,950.00	7,400.00	7,347.93	204.24	29.93	-79.19	118.82	840.61	7,557.79	7,460.35	97.44	77.562	
15,700.00	7,950.00	7,400.00	7,347.93	206.85	29.93	-79.19	118.82	840.61	7,648.29	7,550.72	97.57	78.388	
15,800.00	7,950.00	7,400.00	7,347.93	209.46	29.93	-79.19	118.82	840.61	7,739.01	7,641.32	97.69	79.217	
15,900.00	7,950.00	7,400.00	7,347.93	212.08	29.93	-79.19	118.82	840.61	7,829.97	7,732.15	97.82	80.048	
16,000.00	7,950.00	7,400.00	7,347.93	214.69	29.93	-79.19	118.82	840.61	7,921.14	7,823.21	97.93	80.882	
16,100.00	7,950.00	7,400.00	7,347.93	217.31	29.93	-79.19	118.82	840.61	8,012.53	7,914.48	98.05	81.719	
16,200.00	7,950.00	7,400.00	7,347.93	219.93	29.93	-79.19	118.82	840.61	8,104.11	8,005.95	98.16	82.558	
16,300.00	7,950.00	7,400.00	7,347.93	222.55	29.93	-79.19	118.82	840.61	8,195.90	8,097.62	98.27	83.399	
16,400.00	7,950.00	7,400.00	7,347.93	225.18	29.93	-79.19	118.82	840.61	8,287.87	8,189.49	98.38	84.243	
16,500.00	7,950.00	7,400.00	7,347.93	227.80	29.93	-79.19	118.82	840.61	8,380.03	8,281.54	98.49	85.088	
16,600.00	7,950.00	7,400.00	7,347.93	230.43	29.93	-79.19	118.82	840.61	8,472.36	8,373.77	98.59	85.936	
16,680.54	7,950.00	7,400.00	7,347.93	232.54	29.93	-79.19	118.82	840.61	8,546.85	8,448.18	98.67	86.620	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.10	0.10	0.00	0.00	-0.09	174.85	-0.28	174.85					
100.00	100.00	100.10	100.10	0.13	0.13	-0.09	174.85	-0.28	174.85	174.58	0.27	649.482		
200.00	200.00	200.10	200.10	0.49	0.49	-0.09	174.85	-0.28	174.85	173.86	0.99	177.303		
250.00	250.00	250.10	250.10	0.67	0.67	-0.09	174.85	-0.28	174.85	173.50	1.34	130.035		
250.19	250.19	250.30	250.30	0.67	0.67	-0.09	174.85	-0.28	174.85	173.50	1.35	129.906 CC		
300.00	300.00	302.09	302.08	0.84	0.85	-172.68	174.55	0.09	175.00	173.30	1.70	103.223 ES		
400.00	399.93	406.00	405.92	1.18	1.21	-171.87	172.20	3.03	176.21	173.82	2.39	73.684		
500.00	499.68	509.73	509.38	1.54	1.58	-170.29	167.50	8.91	178.73	175.62	3.11	57.444		
600.00	599.13	613.18	612.21	1.91	1.98	-168.00	160.49	17.67	182.74	178.89	3.85	47.440		
700.00	698.15	715.55	713.51	2.31	2.39	-165.16	151.31	29.14	188.54	183.92	4.62	40.833		
800.00	796.63	814.77	811.53	2.74	2.81	-162.55	141.69	41.17	197.49	192.09	5.40	36.570		
900.00	894.44	913.71	909.27	3.20	3.23	-160.46	132.09	53.17	210.07	203.87	6.20	33.872		
1,000.00	991.46	1,012.26	1,006.63	3.70	3.66	-158.88	122.54	65.12	226.10	219.08	7.02	32.217		
1,100.00	1,087.58	1,110.29	1,103.47	4.24	4.08	-157.78	113.03	77.00	245.44	237.59	7.85	31.275		
1,200.00	1,182.68	1,207.69	1,199.69	4.82	4.51	-157.08	103.58	88.81	267.97	259.28	8.69	30.845		
1,300.00	1,276.65	1,304.33	1,295.16	5.45	4.94	-156.72	94.21	100.52	293.63	284.10	9.54	30.794 SF		
1,400.00	1,369.36	1,400.10	1,389.77	6.13	5.36	-156.60	84.92	112.13	322.39	312.00	10.39	31.031		
1,421.41	1,389.04	1,420.49	1,409.90	6.28	5.45	-156.60	82.95	114.61	328.94	318.37	10.58	31.102		
1,500.00	1,461.15	1,504.79	1,483.72	6.84	5.82	-156.81	75.70	123.66	353.26	341.97	11.29	31.300		
1,600.00	1,552.91	1,609.71	1,577.65	7.57	6.29	-157.03	66.48	135.19	384.20	372.02	12.18	31.534		
1,700.00	1,644.66	1,685.37	1,671.57	8.30	6.62	-157.23	57.26	146.72	415.16	402.19	12.96	32.031		
1,800.00	1,736.42	1,780.45	1,765.50	9.04	7.04	-157.39	48.04	158.24	446.11	432.28	13.83	32.266		
1,900.00	1,828.17	1,875.53	1,859.43	9.79	7.47	-157.54	38.82	169.77	477.07	462.37	14.69	32.466		
2,000.00	1,919.93	1,970.61	1,953.36	10.54	7.89	-157.66	29.60	181.30	508.03	492.46	15.57	32.638		
2,100.00	2,011.68	2,065.69	2,047.29	11.29	8.31	-157.78	20.38	192.83	538.99	522.55	16.44	32.788		
2,200.00	2,103.44	2,160.77	2,141.22	12.05	8.73	-157.87	11.16	204.35	569.96	552.64	17.31	32.919		
2,300.00	2,195.20	2,255.86	2,235.14	12.80	9.16	-157.96	1.94	215.88	600.92	582.73	18.19	33.034		
2,400.00	2,286.95	2,350.94	2,329.07	13.56	9.58	-158.05	-7.28	227.41	631.89	612.82	19.07	33.136		
2,500.00	2,378.71	2,446.02	2,423.00	14.32	10.01	-158.12	-16.50	238.93	662.85	642.91	19.95	33.227		
2,600.00	2,470.46	2,541.10	2,516.93	15.09	10.43	-158.19	-25.72	250.46	693.82	672.99	20.83	33.309		
2,700.00	2,562.22	2,636.18	2,610.86	15.85	10.85	-158.25	-34.95	261.99	724.79	703.08	21.71	33.383		
2,800.00	2,653.98	2,731.26	2,704.78	16.61	11.28	-158.30	-44.17	273.51	755.76	733.17	22.59	33.449		
2,900.00	2,745.73	2,826.34	2,798.71	17.38	11.70	-158.35	-53.39	285.04	786.73	763.26	23.48	33.510		
3,000.00	2,837.49	2,921.42	2,892.64	18.14	12.13	-158.40	-62.61	296.57	817.70	793.34	24.36	33.566		
3,100.00	2,929.24	3,016.50	2,986.57	18.91	12.55	-158.45	-71.83	308.09	848.68	823.43	25.25	33.616		
3,200.00	3,021.00	3,111.58	3,080.50	19.67	12.98	-158.49	-81.05	319.62	879.65	853.52	26.13	33.663		
3,300.00	3,112.75	3,206.66	3,174.43	20.44	13.40	-158.53	-90.27	331.15	910.62	883.60	27.02	33.706		
3,400.00	3,204.51	3,301.75	3,268.35	21.21	13.83	-158.56	-99.49	342.67	941.59	913.69	27.90	33.746		
3,500.00	3,296.27	3,396.83	3,362.28	21.98	14.25	-158.59	-108.71	354.20	972.57	943.78	28.79	33.783		
3,600.00	3,388.02	3,508.09	3,456.21	22.74	14.75	-158.63	-117.93	365.73	1,003.54	973.79	29.75	33.738		
3,700.00	3,479.78	3,586.99	3,550.14	23.51	15.10	-158.66	-127.15	377.26	1,034.51	1,003.95	30.56	33.849		
3,800.00	3,571.53	3,682.07	3,644.07	24.28	15.53	-158.68	-136.37	388.78	1,065.49	1,034.04	31.45	33.879		
3,900.00	3,663.29	3,777.15	3,737.99	25.05	15.95	-158.71	-145.59	400.31	1,096.46	1,064.12	32.34	33.907		
4,000.00	3,755.05	3,872.23	3,831.92	25.82	16.38	-158.73	-154.81	411.84	1,127.44	1,094.21	33.23	33.933		
4,100.00	3,846.80	3,967.31	3,925.85	26.59	16.80	-158.76	-164.03	423.36	1,158.41	1,124.30	34.11	33.957		
4,200.00	3,938.56	4,062.39	4,019.78	27.36	17.23	-158.78	-173.25	434.89	1,189.38	1,154.38	35.00	33.980		
4,300.00	4,030.31	4,157.47	4,113.71	28.13	17.65	-158.80	-182.47	446.42	1,220.36	1,184.47	35.89	34.002		
4,400.00	4,122.07	4,252.55	4,207.63	28.90	18.08	-158.82	-191.70	457.94	1,251.33	1,214.55	36.78	34.022		
4,500.00	4,213.82	4,347.64	4,301.56	29.67	18.50	-158.84	-200.92	469.47	1,282.31	1,244.64	37.67	34.042		
4,600.00	4,305.58	4,442.72	4,395.49	30.44	18.93	-158.86	-210.14	481.00	1,313.28	1,274.73	38.56	34.060		
4,700.00	4,397.34	4,537.80	4,489.42	31.21	19.35	-158.88	-219.36	492.52	1,344.26	1,304.81	39.45	34.077		
4,800.00	4,489.09	4,632.88	4,583.35	31.98	19.78	-158.89	-228.58	504.05	1,375.23	1,334.90	40.34	34.093		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,727.96	4,677.28	32.75	20.20	-158.91	-237.80	515.58	1,406.21	1,364.98	41.23	34.109		
5,000.00	4,672.60	4,823.04	4,771.20	33.52	20.63	-158.92	-247.02	527.10	1,437.19	1,395.07	42.12	34.123		
5,100.00	4,764.36	4,918.12	4,865.13	34.29	21.06	-158.94	-256.24	538.63	1,468.16	1,425.15	43.01	34.137		
5,200.00	4,856.12	5,013.20	4,959.06	35.06	21.48	-158.95	-265.46	550.16	1,499.14	1,455.24	43.90	34.151		
5,300.00	4,947.87	5,108.28	5,052.99	35.83	21.91	-158.97	-274.68	561.69	1,530.11	1,485.32	44.79	34.163		
5,400.00	5,039.63	5,203.36	5,146.92	36.60	22.33	-158.98	-283.90	573.21	1,561.09	1,515.41	45.68	34.175		
5,500.00	5,131.38	5,301.55	5,240.84	37.37	22.77	-158.99	-293.12	584.74	1,592.06	1,545.48	46.58	34.177		
5,600.00	5,223.14	5,406.47	5,334.77	38.14	23.24	-159.00	-302.34	596.27	1,623.04	1,575.52	47.52	34.157		
5,700.00	5,314.89	5,488.61	5,428.70	38.91	23.61	-159.01	-311.56	607.79	1,654.02	1,605.67	48.35	34.208		
5,800.00	5,406.65	5,583.69	5,522.63	39.69	24.03	-159.03	-320.78	619.32	1,684.99	1,635.75	49.24	34.218		
5,900.00	5,498.41	5,678.77	5,616.56	40.46	24.46	-159.04	-330.00	630.85	1,715.97	1,665.83	50.13	34.227		
6,000.00	5,590.16	5,773.85	5,710.49	41.23	24.88	-159.05	-339.23	642.37	1,746.95	1,695.92	51.03	34.237		
6,100.00	5,681.92	5,868.93	5,804.41	42.00	25.31	-159.06	-348.45	653.90	1,777.92	1,726.00	51.92	34.245		
6,200.00	5,773.67	5,964.01	5,898.34	42.77	25.74	-159.07	-357.67	665.43	1,808.90	1,756.09	52.81	34.254		
6,300.00	5,865.43	6,059.09	5,992.27	43.54	26.16	-159.07	-366.89	676.95	1,839.87	1,786.17	53.70	34.262		
6,400.00	5,957.18	6,154.17	6,086.20	44.31	26.59	-159.08	-376.11	688.48	1,870.85	1,816.26	54.59	34.269		
6,500.00	6,048.94	6,249.25	6,180.13	45.09	27.01	-159.09	-385.33	700.01	1,901.83	1,846.34	55.48	34.276		
6,600.00	6,140.70	6,344.34	6,274.05	45.86	27.44	-159.10	-394.55	711.53	1,932.80	1,876.43	56.38	34.283		
6,700.00	6,232.45	6,439.42	6,367.98	46.63	27.86	-159.11	-403.77	723.06	1,963.78	1,906.51	57.27	34.290		
6,800.00	6,324.21	6,534.50	6,461.91	47.40	28.29	-159.12	-412.99	734.59	1,994.76	1,936.59	58.16	34.297		
6,900.00	6,415.96	6,629.58	6,555.84	48.17	28.71	-159.12	-422.21	746.11	2,025.73	1,966.68	59.05	34.303		
7,000.00	6,507.72	6,724.66	6,649.77	48.94	29.14	-159.13	-431.43	757.64	2,056.71	1,996.76	59.95	34.309		
7,100.00	6,599.48	6,819.74	6,743.70	49.72	29.57	-159.14	-440.65	769.17	2,087.69	2,026.85	60.84	34.314		
7,200.00	6,691.23	6,914.82	6,837.62	50.49	29.99	-159.15	-449.87	780.70	2,118.66	2,056.93	61.73	34.320		
7,300.00	6,782.99	7,009.90	6,931.55	51.26	30.42	-159.15	-459.09	792.22	2,149.64	2,087.01	62.63	34.325		
7,400.00	6,874.74	7,104.98	7,025.48	52.03	30.84	-159.16	-468.31	803.75	2,180.62	2,117.10	63.52	34.330		
7,500.00	6,966.50	7,200.06	7,119.41	52.80	31.27	-159.17	-477.53	815.28	2,211.59	2,147.18	64.41	34.335		
7,600.00	7,058.25	7,304.86	7,213.34	53.57	31.74	-159.17	-486.75	826.80	2,242.57	2,177.22	65.35	34.318		
7,700.00	7,150.01	7,390.23	7,307.26	54.35	32.12	-159.18	-495.98	838.33	2,273.55	2,207.35	66.20	34.344		
7,800.00	7,241.77	7,800.00	7,795.94	55.12	32.98	-165.01	-545.31	661.28	2,293.91	2,227.64	66.27	34.616		
7,900.00	7,333.52	8,136.98	7,906.08	55.89	32.87	-169.49	-557.18	490.88	2,308.14	2,242.21	65.93	35.010		
8,000.00	7,425.28	8,201.78	7,927.48	56.66	32.87	-171.06	-559.65	429.80	2,324.88	2,258.64	66.24	35.098		
8,029.56	7,452.40	8,213.62	7,930.64	56.89	32.88	-171.35	-560.02	418.40	2,330.52	2,264.18	66.34	35.128		
8,050.00	7,471.13	8,220.03	7,932.26	57.05	32.88	-166.47	-560.22	412.19	2,334.61	2,268.20	66.41	35.153		
8,100.00	7,516.65	8,228.38	7,934.26	57.44	32.88	-155.10	-560.46	404.09	2,345.21	2,278.65	66.56	35.235		
8,150.00	7,561.46	8,229.04	7,934.41	57.84	32.88	-144.94	-560.48	403.45	2,356.63	2,289.96	66.68	35.345		
8,200.00	7,605.22	8,224.31	7,933.30	58.24	32.88	-136.18	-560.34	408.05	2,368.78	2,302.02	66.76	35.484		
8,250.00	7,647.60	8,215.69	7,931.17	58.63	32.88	-128.70	-560.09	416.40	2,381.53	2,314.73	66.80	35.650		
8,300.00	7,688.27	8,204.19	7,928.15	59.02	32.87	-122.30	-559.72	427.49	2,394.74	2,327.92	66.82	35.840		
8,350.00	7,726.93	8,190.50	7,924.26	59.40	32.87	-116.79	-559.26	440.60	2,408.25	2,341.44	66.81	36.046		
8,400.00	7,763.27	8,175.13	7,919.51	59.77	32.87	-111.99	-558.71	455.22	2,421.91	2,355.13	66.78	36.266		
8,450.00	7,797.04	8,158.42	7,913.92	60.13	32.87	-107.78	-558.07	470.94	2,435.56	2,368.82	66.73	36.497		
8,500.00	7,827.95	8,140.67	7,907.48	60.49	32.87	-104.06	-557.34	487.47	2,449.03	2,382.35	66.68	36.729		
8,550.00	7,855.79	8,122.07	7,900.19	60.83	32.87	-100.77	-556.52	504.56	2,462.17	2,395.55	66.62	36.956		
8,600.00	7,880.34	8,100.00	7,890.83	61.16	32.88	-97.81	-555.48	524.52	2,474.85	2,408.28	66.57	37.177		
8,650.00	7,901.41	8,082.96	7,883.09	61.49	32.88	-95.30	-554.62	539.67	2,486.91	2,420.37	66.53	37.378		
8,700.00	7,918.85	8,062.68	7,873.29	61.80	32.89	-93.07	-553.55	557.39	2,498.22	2,431.71	66.51	37.560		
8,750.00	7,932.51	8,042.03	7,862.67	62.09	32.90	-91.14	-552.40	575.06	2,508.66	2,442.15	66.52	37.715		
8,800.00	7,942.31	8,021.09	7,851.27	62.38	32.91	-89.51	-551.17	592.58	2,518.12	2,451.57	66.55	37.838		
8,850.00	7,948.15	8,000.00	7,839.15	62.66	32.92	-88.19	-549.88	609.79	2,526.49	2,459.88	66.61	37.931		
8,898.08	7,950.00	7,979.36	7,826.68	62.91	32.92	-87.18	-548.55	626.19	2,533.43	2,466.73	66.70	37.983		
8,900.00	7,950.00	7,978.54	7,826.17	62.92	32.92	-87.17	-548.50	626.83	2,533.68	2,466.98	66.70	37.984		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	7,938.21	7,800.12	63.47	32.94	-86.58	-545.74	657.48	2,548.28	2,481.33	66.95	38.061		
9,100.00	7,950.00	7,900.00	7,773.51	64.09	32.95	-85.98	-542.96	684.75	2,565.61	2,498.35	67.26	38.145		
9,200.00	7,950.00	7,870.89	7,752.05	64.78	32.95	-85.50	-540.72	704.29	2,585.79	2,518.16	67.63	38.236		
9,300.00	7,950.00	7,850.00	7,736.06	65.55	32.95	-85.14	-539.06	717.63	2,608.92	2,540.86	68.06	38.335		
9,400.00	7,950.00	7,817.99	7,710.64	66.41	32.95	-84.57	-536.44	736.90	2,634.99	2,566.48	68.50	38.465		
9,500.00	7,950.00	7,800.00	7,695.91	67.35	32.95	-84.25	-534.93	747.10	2,664.07	2,595.05	69.02	38.600		
9,600.00	7,950.00	7,775.99	7,675.75	68.38	32.94	-83.80	-532.86	759.98	2,696.11	2,626.57	69.54	38.770		
9,700.00	7,950.00	7,750.00	7,653.34	69.50	32.93	-83.30	-530.57	772.94	2,731.13	2,661.06	70.07	38.976		
9,800.00	7,950.00	7,750.00	7,653.34	70.71	32.93	-83.30	-530.57	772.94	2,768.98	2,698.25	70.73	39.150		
9,900.00	7,950.00	7,727.68	7,633.65	72.01	32.91	-82.87	-528.56	783.25	2,809.59	2,738.29	71.30	39.407		
10,000.00	7,950.00	7,700.00	7,608.70	73.40	32.89	-82.32	-526.03	794.96	2,853.08	2,781.24	71.84	39.716		
10,100.00	7,950.00	7,700.00	7,608.70	74.87	32.89	-82.32	-526.03	794.96	2,898.93	2,826.41	72.52	39.975		
10,200.00	7,950.00	7,700.00	7,608.70	76.42	32.89	-82.32	-526.03	794.96	2,947.47	2,874.27	73.20	40.267		
10,300.00	7,950.00	7,681.61	7,591.83	78.05	32.87	-81.95	-524.32	802.06	2,998.35	2,924.57	73.77	40.644		
10,400.00	7,950.00	7,672.40	7,583.29	79.75	32.86	-81.77	-523.46	805.41	3,051.57	2,977.19	74.38	41.026		
10,500.00	7,950.00	7,650.00	7,562.31	81.52	32.83	-81.31	-521.34	812.98	3,107.14	3,032.23	74.90	41.482		
10,600.00	7,950.00	7,650.00	7,562.31	83.35	32.83	-81.31	-521.34	812.98	3,164.57	3,089.03	75.54	41.893		
10,700.00	7,950.00	7,650.00	7,562.31	85.24	32.83	-81.31	-521.34	812.98	3,224.08	3,147.92	76.16	42.334		
10,800.00	7,950.00	7,650.00	7,562.31	87.18	32.83	-81.31	-521.34	812.98	3,285.55	3,208.79	76.76	42.805		
10,900.00	7,950.00	7,650.00	7,562.31	89.18	32.83	-81.31	-521.34	812.98	3,348.89	3,271.55	77.34	43.303		
11,000.00	7,950.00	7,629.83	7,543.18	91.22	32.80	-80.90	-519.41	819.09	3,413.68	3,335.89	77.78	43.888		
11,100.00	7,950.00	7,624.33	7,537.93	93.30	32.79	-80.78	-518.88	820.64	3,480.23	3,401.94	78.29	44.453		
11,200.00	7,950.00	7,600.00	7,514.54	95.43	32.75	-80.28	-516.53	826.87	3,548.59	3,469.92	78.67	45.108		
11,300.00	7,950.00	7,600.00	7,514.54	97.58	32.75	-80.28	-516.53	826.87	3,618.00	3,538.82	79.17	45.697		
11,400.00	7,950.00	7,600.00	7,514.54	99.78	32.75	-80.28	-516.53	826.87	3,688.81	3,609.15	79.66	46.308		
11,500.00	7,950.00	7,600.00	7,514.54	102.00	32.75	-80.28	-516.53	826.87	3,760.95	3,680.83	80.12	46.940		
11,600.00	7,950.00	7,600.00	7,514.54	104.25	32.75	-80.28	-516.53	826.87	3,834.34	3,753.77	80.57	47.592		
11,700.00	7,950.00	7,600.00	7,514.54	106.52	32.75	-80.28	-516.53	826.87	3,908.91	3,827.91	80.99	48.262		
11,800.00	7,950.00	7,600.00	7,514.54	108.82	32.75	-80.28	-516.53	826.87	3,984.59	3,903.19	81.40	48.949		
11,900.00	7,950.00	7,600.00	7,514.54	111.14	32.75	-80.28	-516.53	826.87	4,061.33	3,979.54	81.79	49.654		
12,000.00	7,950.00	7,600.00	7,514.54	113.48	32.75	-80.28	-516.53	826.87	4,139.06	4,056.89	82.17	50.373		
12,100.00	7,950.00	7,600.00	7,514.54	115.84	32.75	-80.28	-516.53	826.87	4,217.73	4,135.20	82.53	51.107		
12,200.00	7,950.00	7,600.00	7,514.54	118.21	32.75	-80.28	-516.53	826.87	4,297.28	4,214.41	82.87	51.856		
12,300.00	7,950.00	7,578.43	7,493.59	120.61	32.71	-79.83	-514.44	831.56	4,377.29	4,294.20	83.09	52.679		
12,400.00	7,950.00	7,575.75	7,490.97	123.01	32.70	-79.77	-514.17	832.09	4,458.38	4,374.98	83.40	53.459		
12,500.00	7,950.00	7,573.19	7,488.47	125.43	32.70	-79.72	-513.92	832.58	4,540.21	4,456.52	83.69	54.250		
12,600.00	7,950.00	7,550.00	7,465.74	127.87	32.65	-79.23	-511.65	836.52	4,623.10	4,539.23	83.87	55.124		
12,700.00	7,950.00	7,550.00	7,465.74	130.31	32.65	-79.23	-511.65	836.52	4,706.22	4,622.07	84.15	55.926		
12,800.00	7,950.00	7,550.00	7,465.74	132.77	32.65	-79.23	-511.65	836.52	4,789.99	4,705.57	84.42	56.738		
12,900.00	7,950.00	7,550.00	7,465.74	135.24	32.65	-79.23	-511.65	836.52	4,874.37	4,789.69	84.69	57.559		
13,000.00	7,950.00	7,550.00	7,465.74	137.71	32.65	-79.23	-511.65	836.52	4,959.34	4,874.40	84.94	58.389		
13,100.00	7,950.00	7,550.00	7,465.74	140.20	32.65	-79.23	-511.65	836.52	5,044.85	4,959.67	85.18	59.227		
13,200.00	7,950.00	7,550.00	7,465.74	142.69	32.65	-79.23	-511.65	836.52	5,130.89	5,045.48	85.41	60.073		
13,300.00	7,950.00	7,550.00	7,465.74	145.20	32.65	-79.23	-511.65	836.52	5,217.42	5,131.79	85.64	60.926		
13,400.00	7,950.00	7,550.00	7,465.74	147.71	32.65	-79.23	-511.65	836.52	5,304.43	5,218.58	85.85	61.787		
13,500.00	7,950.00	7,550.00	7,465.74	150.23	32.65	-79.23	-511.65	836.52	5,391.89	5,305.83	86.06	62.653		
13,600.00	7,950.00	7,550.00	7,465.74	152.75	32.65	-79.23	-511.65	836.52	5,479.78	5,393.52	86.26	63.527		
13,700.00	7,950.00	7,550.00	7,465.74	155.28	32.65	-79.23	-511.65	836.52	5,568.08	5,481.63	86.45	64.405		
13,800.00	7,950.00	7,550.00	7,465.74	157.82	32.65	-79.23	-511.65	836.52	5,656.77	5,570.13	86.64	65.290		
13,900.00	7,950.00	7,550.00	7,465.74	160.36	32.65	-79.23	-511.65	836.52	5,745.83	5,659.00	86.82	66.180		
14,000.00	7,950.00	7,550.00	7,465.74	162.91	32.65	-79.23	-511.65	836.52	5,835.24	5,748.24	87.00	67.074		
14,100.00	7,950.00	7,550.00	7,465.74	165.47	32.65	-79.23	-511.65	836.52	5,924.99	5,837.82	87.17	67.973		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 2BH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,200.00	7,950.00	7,550.00	7,465.74	168.02	32.65	-79.23	-511.65	836.52	6,015.06	5,927.73	87.33	68.877	
14,300.00	7,950.00	7,550.00	7,465.74	170.59	32.65	-79.23	-511.65	836.52	6,105.45	6,017.96	87.49	69.784	
14,400.00	7,950.00	7,550.00	7,465.74	173.15	32.65	-79.23	-511.65	836.52	6,196.13	6,108.48	87.64	70.696	
14,500.00	7,950.00	7,550.00	7,465.74	175.73	32.65	-79.23	-511.65	836.52	6,287.09	6,199.29	87.79	71.611	
14,600.00	7,950.00	7,550.00	7,465.74	178.30	32.65	-79.23	-511.65	836.52	6,378.32	6,290.38	87.94	72.530	
14,700.00	7,950.00	7,550.00	7,465.74	180.88	32.65	-79.23	-511.65	836.52	6,469.81	6,381.73	88.08	73.452	
14,800.00	7,950.00	7,550.00	7,465.74	183.46	32.65	-79.23	-511.65	836.52	6,561.55	6,473.33	88.22	74.377	
14,900.00	7,950.00	7,550.00	7,465.74	186.05	32.65	-79.23	-511.65	836.52	6,653.53	6,565.18	88.36	75.304	
15,000.00	7,950.00	7,550.00	7,465.74	188.64	32.65	-79.23	-511.65	836.52	6,745.74	6,657.25	88.49	76.235	
15,100.00	7,950.00	7,550.00	7,465.74	191.23	32.65	-79.23	-511.65	836.52	6,838.16	6,749.55	88.61	77.168	
15,200.00	7,950.00	7,550.00	7,465.74	193.83	32.65	-79.23	-511.65	836.52	6,930.80	6,842.06	88.74	78.103	
15,300.00	7,950.00	7,550.00	7,465.74	196.43	32.65	-79.23	-511.65	836.52	7,023.64	6,934.78	88.86	79.041	
15,400.00	7,950.00	7,550.00	7,465.74	199.03	32.65	-79.23	-511.65	836.52	7,116.67	7,027.69	88.98	79.981	
15,500.00	7,950.00	7,550.00	7,465.74	201.63	32.65	-79.23	-511.65	836.52	7,209.89	7,120.79	89.10	80.923	
15,600.00	7,950.00	7,550.00	7,465.74	204.24	32.65	-79.23	-511.65	836.52	7,303.29	7,214.08	89.21	81.866	
15,700.00	7,950.00	7,526.93	7,442.98	206.85	32.59	-78.75	-509.39	839.53	7,396.39	7,307.14	89.24	82.878	
15,800.00	7,950.00	7,526.11	7,442.17	209.46	32.59	-78.73	-509.31	839.62	7,490.09	7,400.74	89.35	83.827	
15,900.00	7,950.00	7,525.31	7,441.38	212.08	32.59	-78.72	-509.23	839.70	7,583.95	7,494.49	89.46	84.778	
16,000.00	7,950.00	7,524.53	7,440.60	214.69	32.59	-78.70	-509.15	839.79	7,677.96	7,588.40	89.56	85.730	
16,100.00	7,950.00	7,523.77	7,439.85	217.31	32.59	-78.68	-509.08	839.87	7,772.13	7,682.47	89.66	86.682	
16,200.00	7,950.00	7,523.02	7,439.11	219.93	32.58	-78.67	-509.00	839.94	7,866.44	7,776.67	89.76	87.637	
16,300.00	7,950.00	7,500.00	7,416.28	222.55	32.53	-78.19	-506.73	841.86	7,961.32	7,871.54	89.78	88.671	
16,400.00	7,950.00	7,500.00	7,416.28	225.18	32.53	-78.19	-506.73	841.86	8,055.87	7,965.99	89.88	89.625	
16,500.00	7,950.00	7,500.00	7,416.28	227.80	32.53	-78.19	-506.73	841.86	8,150.55	8,060.57	89.98	90.579	
16,600.00	7,950.00	7,500.00	7,416.28	230.43	32.53	-78.19	-506.73	841.86	8,245.36	8,155.28	90.08	91.534	
16,680.54	7,950.00	7,500.00	7,416.28	232.54	32.53	-78.19	-506.73	841.86	8,321.80	8,231.65	90.16	92.304	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.10	0.10	0.00	0.00	-0.13	124.94	-0.28	124.94				
100.00	100.00	100.10	100.10	0.13	0.13	-0.13	124.94	-0.28	124.94	124.67	0.27	464.110	
200.00	200.00	200.10	200.10	0.49	0.49	-0.13	124.94	-0.28	124.94	123.96	0.99	126.698	
250.00	250.00	250.10	250.10	0.67	0.67	-0.13	124.94	-0.28	124.94	123.60	1.34	92.921	
252.03	252.03	252.21	252.21	0.68	0.68	-172.82	124.94	-0.28	124.94	123.59	1.36	91.951 CC	
300.00	300.00	302.17	302.16	0.84	0.85	-172.76	124.51	-0.08	124.96	123.27	1.69	73.744	
400.00	399.93	406.28	406.20	1.18	1.21	-172.24	121.08	1.51	125.13	122.74	2.39	52.414	
500.00	499.68	510.35	509.99	1.54	1.58	-171.21	114.22	4.69	125.49	122.39	3.10	40.496	
600.00	599.13	614.36	613.38	1.91	1.97	-169.67	103.95	9.46	126.11	122.29	3.83	32.964 ES	
700.00	698.15	718.29	716.21	2.31	2.40	-167.66	90.30	15.79	127.07	122.50	4.57	27.824	
800.00	796.63	822.12	818.32	2.74	2.85	-165.20	73.29	23.68	128.47	123.14	5.33	24.101	
900.00	894.44	925.81	919.56	3.20	3.34	-162.33	52.97	33.12	130.45	124.32	6.13	21.285	
1,000.00	991.46	1,029.36	1,019.78	3.70	3.87	-159.11	29.37	44.07	133.13	126.15	6.98	19.079	
1,100.00	1,087.58	1,131.03	1,117.31	4.24	4.42	-155.77	3.34	56.15	136.94	129.05	7.89	17.363	
1,200.00	1,182.68	1,230.58	1,212.66	4.82	4.99	-153.14	-22.62	68.19	143.89	135.04	8.85	16.257	
1,300.00	1,276.65	1,329.95	1,307.84	5.45	5.57	-151.35	-48.53	80.21	154.15	144.30	9.84	15.660	
1,400.00	1,369.36	1,429.02	1,402.72	6.13	6.15	-150.33	-74.36	92.20	167.53	156.68	10.85	15.439	
1,421.41	1,389.04	1,450.18	1,422.99	6.28	6.27	-150.21	-79.87	94.76	170.79	159.72	11.07	15.429	
1,500.00	1,461.15	1,527.80	1,497.34	6.84	6.73	-149.93	-100.11	104.15	183.01	171.14	11.87	15.423	
1,600.00	1,552.91	1,626.58	1,591.95	7.57	7.32	-149.64	-125.87	116.10	198.56	185.67	12.89	15.403	
1,700.00	1,644.66	1,725.36	1,686.56	8.30	7.91	-149.38	-151.62	128.05	214.12	200.19	13.93	15.375	
1,800.00	1,736.42	1,824.14	1,781.17	9.04	8.51	-149.16	-177.38	140.00	229.68	214.71	14.97	15.342	
1,900.00	1,828.17	1,922.92	1,875.78	9.79	9.10	-148.97	-203.13	151.95	245.25	229.22	16.02	15.306	
2,000.00	1,919.93	2,021.69	1,970.39	10.54	9.70	-148.80	-228.89	163.90	260.81	243.73	17.08	15.270	
2,100.00	2,011.68	2,120.47	2,065.00	11.29	10.30	-148.65	-254.64	175.85	276.38	258.24	18.14	15.235	
2,200.00	2,103.44	2,219.25	2,159.61	12.05	10.90	-148.52	-280.40	187.80	291.95	272.74	19.21	15.200	
2,300.00	2,195.20	2,318.03	2,254.22	12.80	11.50	-148.40	-306.15	199.75	307.52	287.25	20.28	15.167	
2,400.00	2,286.95	2,416.81	2,348.83	13.56	12.10	-148.29	-331.91	211.70	323.10	301.75	21.35	15.135	
2,500.00	2,378.71	2,515.59	2,443.44	14.32	12.70	-148.19	-357.66	223.65	338.67	316.25	22.42	15.104	
2,600.00	2,470.46	2,614.36	2,538.05	15.09	13.30	-148.10	-383.42	235.60	354.25	330.75	23.50	15.075	
2,700.00	2,562.22	2,713.14	2,632.66	15.85	13.90	-148.02	-409.17	247.56	369.82	345.24	24.58	15.047	
2,800.00	2,653.98	2,811.92	2,727.27	16.61	14.51	-147.94	-434.92	259.51	385.40	359.74	25.66	15.020	
2,900.00	2,745.73	2,910.70	2,821.88	17.38	15.11	-147.87	-460.68	271.46	400.97	374.23	26.74	14.995	
3,000.00	2,837.49	3,009.48	2,916.49	18.14	15.71	-147.81	-486.43	283.41	416.55	388.73	27.82	14.972	
3,100.00	2,929.24	3,108.25	3,011.10	18.91	16.32	-147.74	-512.19	295.36	432.13	403.22	28.91	14.949	
3,200.00	3,021.00	3,207.03	3,105.71	19.67	16.92	-147.69	-537.94	307.31	447.71	417.72	29.99	14.928	
3,300.00	3,112.75	3,305.81	3,200.32	20.44	17.53	-147.64	-563.70	319.26	463.29	432.21	31.08	14.908	
3,400.00	3,204.51	3,404.59	3,294.93	21.21	18.13	-147.59	-589.45	331.21	478.87	446.70	32.16	14.888	
3,500.00	3,296.27	3,503.37	3,389.54	21.98	18.74	-147.54	-615.21	343.16	494.45	461.19	33.25	14.870	
3,600.00	3,388.02	3,602.15	3,484.15	22.74	19.34	-147.50	-640.96	355.11	510.03	475.69	34.34	14.852	
3,700.00	3,479.78	3,700.92	3,578.76	23.51	19.95	-147.46	-666.72	367.06	525.61	490.18	35.43	14.836	
3,800.00	3,571.53	3,800.30	3,673.37	24.28	20.56	-147.42	-692.47	379.01	541.19	504.67	36.52	14.818	
3,900.00	3,663.29	3,901.52	3,767.98	25.05	21.18	-147.39	-718.23	390.96	556.77	519.14	37.62	14.798	
4,000.00	3,755.05	4,002.74	3,862.59	25.82	21.80	-147.35	-743.98	402.91	572.35	533.62	38.73	14.779	
4,100.00	3,846.80	4,096.04	3,957.20	26.59	22.37	-147.32	-769.74	414.86	587.93	548.14	39.79	14.776	
4,200.00	3,938.56	4,205.19	4,051.81	27.36	23.04	-147.29	-795.49	426.81	603.51	562.57	40.94	14.743	
4,300.00	4,030.31	4,306.41	4,146.42	28.13	23.66	-147.26	-821.24	438.76	619.09	577.05	42.04	14.726	
4,400.00	4,122.07	4,407.63	4,241.03	28.90	24.28	-147.23	-847.00	450.71	634.67	591.53	43.15	14.710	
4,500.00	4,213.82	4,508.85	4,335.64	29.67	24.90	-147.21	-872.75	462.66	650.25	606.00	44.25	14.695	
4,600.00	4,305.58	4,589.93	4,430.25	30.44	25.40	-147.18	-898.51	474.62	665.84	620.59	45.25	14.715	
4,700.00	4,397.34	4,688.71	4,524.86	31.21	26.01	-147.16	-924.26	486.57	681.42	635.08	46.34	14.704	
4,800.00	4,489.09	4,787.48	4,619.47	31.98	26.61	-147.13	-950.02	498.52	697.00	649.57	47.43	14.694	

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,886.26	4,714.08	32.75	27.22	-147.11	-975.77	510.47	712.58	664.06	48.53	14.684		
5,000.00	4,672.60	4,985.04	4,808.69	33.52	27.83	-147.09	-1,001.53	522.42	728.16	678.54	49.62	14.675		
5,100.00	4,764.36	5,083.82	4,903.30	34.29	28.43	-147.07	-1,027.28	534.37	743.75	693.03	50.71	14.665		
5,200.00	4,856.12	5,182.60	4,997.91	35.06	29.04	-147.05	-1,053.04	546.32	759.33	707.52	51.81	14.656		
5,300.00	4,947.87	5,281.37	5,092.52	35.83	29.64	-147.03	-1,078.79	558.27	774.91	722.01	52.90	14.648		
5,400.00	5,039.63	5,380.15	5,187.13	36.60	30.25	-147.02	-1,104.55	570.22	790.49	736.50	54.00	14.640		
5,500.00	5,131.38	5,478.93	5,281.74	37.37	30.86	-147.00	-1,130.30	582.17	806.08	750.99	55.09	14.632		
5,600.00	5,223.14	5,577.71	5,376.35	38.14	31.47	-146.98	-1,156.05	594.12	821.66	765.47	56.19	14.624		
5,700.00	5,314.89	5,676.49	5,470.96	38.91	32.07	-146.97	-1,181.81	606.07	837.24	779.96	57.28	14.616		
5,800.00	5,406.65	5,775.27	5,565.57	39.69	32.68	-146.95	-1,207.56	618.02	852.82	794.45	58.38	14.609		
5,900.00	5,498.41	5,874.04	5,660.18	40.46	33.29	-146.94	-1,233.32	629.97	868.41	808.94	59.47	14.602		
6,000.00	5,590.16	5,972.82	5,754.79	41.23	33.89	-146.92	-1,259.07	641.92	883.99	823.42	60.57	14.595		
6,100.00	5,681.92	6,071.60	5,849.40	42.00	34.50	-146.91	-1,284.83	653.87	899.57	837.91	61.66	14.589		
6,200.00	5,773.67	6,170.38	5,944.00	42.77	35.11	-146.90	-1,310.58	665.82	915.16	852.40	62.76	14.583		
6,300.00	5,865.43	6,269.16	6,038.61	43.54	35.71	-146.88	-1,336.34	677.77	930.74	866.89	63.85	14.576		
6,400.00	5,957.18	6,367.93	6,133.22	44.31	36.32	-146.87	-1,362.09	689.72	946.32	881.37	64.95	14.570		
6,500.00	6,048.94	6,466.71	6,227.83	45.09	36.93	-146.86	-1,387.85	701.68	961.91	895.86	66.04	14.565		
6,600.00	6,140.70	6,565.49	6,322.44	45.86	37.53	-146.85	-1,413.60	713.63	977.49	910.35	67.14	14.559		
6,700.00	6,232.45	6,664.27	6,417.05	46.63	38.14	-146.84	-1,439.36	725.58	993.07	924.84	68.24	14.553		
6,800.00	6,324.21	6,763.05	6,511.66	47.40	38.75	-146.83	-1,465.11	737.53	1,008.65	939.32	69.33	14.548		
6,900.00	6,415.96	6,861.83	6,606.27	48.17	39.36	-146.82	-1,490.87	749.48	1,024.24	953.81	70.43	14.543		
7,000.00	6,507.72	6,960.60	6,700.88	48.94	39.96	-146.81	-1,516.62	761.43	1,039.82	968.30	71.52	14.538		
7,100.00	6,599.48	7,059.38	6,795.49	49.72	40.57	-146.80	-1,542.37	773.38	1,055.40	982.78	72.62	14.533		
7,200.00	6,691.23	7,158.16	6,890.10	50.49	41.18	-146.79	-1,568.13	785.33	1,070.99	997.27	73.72	14.528		
7,300.00	6,782.99	7,256.94	6,984.71	51.26	41.78	-146.78	-1,593.88	797.28	1,086.57	1,011.76	74.81	14.524		
7,400.00	6,874.74	7,355.72	7,079.32	52.03	42.39	-146.77	-1,619.64	809.23	1,102.15	1,026.24	75.91	14.519		
7,500.00	6,966.50	7,454.49	7,173.93	52.80	43.00	-146.76	-1,645.39	821.18	1,117.74	1,040.73	77.01	14.515		
7,600.00	7,058.25	7,553.27	7,268.54	53.57	43.61	-146.75	-1,671.15	833.13	1,133.32	1,055.22	78.10	14.510 SF		
7,700.00	7,150.01	7,651.82	7,363.05	54.35	44.22	-146.74	-1,696.90	845.08	1,148.90	1,069.70	79.19	14.505		
7,800.00	7,241.77	7,743.57	7,457.56	55.12	44.83	-146.73	-1,722.65	856.95	1,164.48	1,084.18	80.28	14.500		
7,900.00	7,333.52	7,835.32	7,552.07	55.89	45.44	-146.72	-1,748.40	868.82	1,179.96	1,098.66	81.37	14.495		
8,000.00	7,425.28	7,926.78	7,646.58	56.66	46.05	-146.71	-1,774.15	880.69	1,195.44	1,113.14	82.46	14.490		
8,029.56	7,452.40	7,953.90	7,673.70	56.89	46.28	-146.70	-1,785.44	886.15	1,200.90	1,118.60	82.73	14.487		
8,050.00	7,471.13	7,973.03	7,693.83	57.05	46.51	-146.69	-1,796.73	891.61	1,206.36	1,124.06	83.00	14.484		
8,087.61	7,505.42	8,007.32	7,728.12	57.34	46.79	-146.68	-1,807.98	897.07	1,211.82	1,129.52	83.27	14.481		
8,100.00	7,516.65	8,018.55	7,739.35	57.44	46.89	-146.67	-1,813.27	899.95	1,214.70	1,132.40	83.37	14.480		
8,150.00	7,561.46	8,063.36	7,784.16	57.84	47.29	-146.66	-1,833.52	905.41	1,225.16	1,142.86	83.77	14.475		
8,200.00	7,605.22	8,107.12	7,827.92	58.24	47.69	-146.65	-1,853.77	910.87	1,235.62	1,153.32	84.17	14.470		
8,250.00	7,647.60	8,149.50	7,869.30	58.63	48.09	-146.64	-1,874.02	916.33	1,246.08	1,163.78	84.57	14.465		
8,300.00	7,688.27	8,191.87	7,910.67	59.02	48.49	-146.63	-1,894.27	921.79	1,256.54	1,174.24	84.97	14.460		
8,350.00	7,726.93	8,233.25	7,951.05	59.40	48.89	-146.62	-1,914.52	927.25	1,266.99	1,184.70	85.37	14.455		
8,400.00	7,763.27	8,274.63	7,991.43	59.77	49.29	-146.61	-1,934.77	932.71	1,277.45	1,195.16	85.77	14.450		
8,450.00	7,797.04	8,316.01	8,031.81	60.13	49.69	-146.60	-1,955.02	938.17	1,287.91	1,205.62	86.17	14.445		
8,500.00	7,827.95	8,357.39	8,072.19	60.49	50.09	-146.59	-1,975.27	943.63	1,298.37	1,216.08	86.57	14.440		
8,550.00	7,855.79	8,398.77	8,112.57	60.83	50.49	-146.58	-1,995.52	949.09	1,308.83	1,226.54	86.97	14.435		
8,600.00	7,880.34	8,439.15	8,152.95	61.16	50.89	-146.57	-2,015.77	954.55	1,319.29	1,237.00	87.37	14.430		
8,650.00	7,901.41	8,479.53	8,193.33	61.49	51.29	-97.00	-1,841.08	529.56	1,206.88	1,139.57	67.31	17.931		
8,700.00	7,918.85	8,500.00	8,213.71	61.80	51.69	-93.98	-1,838.55	547.71	1,221.91	1,155.11	66.80	18.293		
8,750.00	7,932.51	8,521.37	8,234.09	62.09	52.09	-91.32	-1,836.14	563.73	1,236.81	1,170.46	66.35	18.639		
8,800.00	7,942.31	8,542.75	8,254.47	62.38	52.49	-88.88	-1,833.36	580.81	1,251.40	1,185.43	65.97	18.969		
8,850.00	7,948.15	8,558.09	8,260.81	62.66	52.89	-86.98	-1,831.69	590.45	1,265.54	1,199.81	65.73	19.253		
8,898.08	7,950.00	8,560.00	8,262.66	62.91	53.14	-84.93	-1,827.33	613.86	1,278.39	1,212.93	65.46	19.530		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,900.00	7,950.00	8,220.56	7,840.60	62.92	45.57	-84.91	-1,827.21	614.50	1,278.89	1,213.44	65.45	19.540		
9,000.00	7,950.00	8,181.39	7,817.02	63.47	45.57	-83.86	-1,820.75	645.08	1,307.45	1,242.26	65.19	20.055		
9,100.00	7,950.00	8,150.00	7,796.69	64.09	45.57	-82.96	-1,815.19	668.35	1,340.78	1,275.60	65.18	20.570		
9,200.00	7,950.00	8,115.04	7,772.65	64.78	45.55	-81.91	-1,808.61	692.85	1,378.82	1,313.56	65.27	21.126		
9,300.00	7,950.00	8,087.06	7,752.39	65.55	45.53	-81.04	-1,803.07	711.34	1,421.48	1,355.88	65.60	21.669		
9,400.00	7,950.00	8,050.00	7,724.27	66.41	45.50	-79.86	-1,795.39	734.21	1,468.69	1,402.83	65.87	22.299		
9,500.00	7,950.00	8,050.00	7,724.27	67.35	45.50	-79.86	-1,795.39	734.21	1,519.93	1,452.92	67.01	22.682		
9,600.00	7,950.00	8,019.32	7,699.95	68.38	45.46	-78.85	-1,788.74	751.68	1,575.00	1,507.44	67.57	23.310		
9,700.00	7,950.00	8,000.00	7,684.18	69.50	45.43	-78.21	-1,784.43	761.99	1,633.80	1,565.38	68.41	23.882		
9,800.00	7,950.00	8,000.00	7,684.18	70.71	45.43	-78.21	-1,784.43	761.99	1,696.14	1,626.43	69.71	24.332		
9,900.00	7,950.00	7,969.60	7,658.73	72.01	45.38	-77.18	-1,777.48	777.06	1,761.09	1,690.77	70.32	25.045		
10,000.00	7,950.00	7,950.00	7,641.91	73.40	45.34	-76.52	-1,772.89	786.03	1,829.07	1,757.93	71.15	25.708		
10,100.00	7,950.00	7,950.00	7,641.91	74.87	45.34	-76.52	-1,772.89	786.03	1,899.56	1,827.19	72.37	26.248		
10,200.00	7,950.00	7,932.08	7,626.30	76.42	45.30	-75.91	-1,768.63	793.71	1,972.29	1,899.12	73.16	26.957		
10,300.00	7,950.00	7,921.59	7,617.05	78.05	45.28	-75.55	-1,766.11	797.97	2,047.14	1,973.07	74.07	27.638		
10,400.00	7,950.00	7,900.00	7,597.78	79.75	45.23	-74.81	-1,760.85	806.17	2,124.01	2,049.30	74.70	28.432		
10,500.00	7,950.00	7,900.00	7,597.78	81.52	45.23	-74.81	-1,760.85	806.17	2,202.32	2,126.61	75.71	29.089		
10,600.00	7,950.00	7,900.00	7,597.78	83.35	45.23	-74.81	-1,760.85	806.17	2,282.33	2,205.68	76.65	29.775		
10,700.00	7,950.00	7,900.00	7,597.78	85.24	45.23	-74.81	-1,760.85	806.17	2,363.86	2,286.33	77.53	30.489		
10,800.00	7,950.00	7,879.89	7,579.58	87.18	45.17	-74.12	-1,755.88	813.13	2,446.37	2,368.36	78.01	31.359		
10,900.00	7,950.00	7,873.22	7,573.49	89.18	45.15	-73.90	-1,754.22	815.30	2,530.21	2,451.52	78.68	32.158		
11,000.00	7,950.00	7,850.00	7,552.12	91.22	45.08	-73.11	-1,748.40	822.25	2,615.38	2,536.33	79.04	33.088		
11,100.00	7,950.00	7,850.00	7,552.12	93.30	45.08	-73.11	-1,748.40	822.25	2,701.08	2,621.34	79.74	33.874		
11,200.00	7,950.00	7,850.00	7,552.12	95.43	45.08	-73.11	-1,748.40	822.25	2,787.73	2,707.34	80.39	34.679		
11,300.00	7,950.00	7,850.00	7,552.12	97.58	45.08	-73.11	-1,748.40	822.25	2,875.25	2,794.26	80.99	35.500		
11,400.00	7,950.00	7,850.00	7,552.12	99.78	45.08	-73.11	-1,748.40	822.25	2,963.56	2,882.00	81.56	36.336		
11,500.00	7,950.00	7,850.00	7,552.12	102.00	45.08	-73.11	-1,748.40	822.25	3,052.59	2,970.50	82.09	37.185		
11,600.00	7,950.00	7,850.00	7,552.12	104.25	45.08	-73.11	-1,748.40	822.25	3,142.28	3,059.69	82.59	38.046		
11,700.00	7,950.00	7,850.00	7,552.12	106.52	45.08	-73.11	-1,748.40	822.25	3,232.58	3,149.52	83.06	38.918		
11,800.00	7,950.00	7,828.84	7,532.41	108.82	45.01	-72.39	-1,743.02	827.80	3,323.00	3,239.76	83.24	39.921		
11,900.00	7,950.00	7,825.17	7,528.98	111.14	45.00	-72.27	-1,742.09	828.68	3,414.20	3,330.58	83.62	40.831		
12,000.00	7,950.00	7,821.68	7,525.71	113.48	44.99	-72.15	-1,741.20	829.50	3,505.85	3,421.88	83.98	41.748		
12,100.00	7,950.00	7,800.00	7,505.28	115.84	44.91	-71.42	-1,735.62	834.13	3,598.26	3,514.15	84.11	42.782		
12,200.00	7,950.00	7,800.00	7,505.28	118.21	44.91	-71.42	-1,735.62	834.13	3,690.63	3,606.16	84.47	43.691		
12,300.00	7,950.00	7,800.00	7,505.28	120.61	44.91	-71.42	-1,735.62	834.13	3,783.38	3,698.57	84.82	44.607		
12,400.00	7,950.00	7,800.00	7,505.28	123.01	44.91	-71.42	-1,735.62	834.13	3,876.50	3,791.36	85.14	45.529		
12,500.00	7,950.00	7,800.00	7,505.28	125.43	44.91	-71.42	-1,735.62	834.13	3,969.95	3,884.50	85.46	46.456		
12,600.00	7,950.00	7,800.00	7,505.28	127.87	44.91	-71.42	-1,735.62	834.13	4,063.72	3,977.97	85.75	47.389		
12,700.00	7,950.00	7,800.00	7,505.28	130.31	44.91	-71.42	-1,735.62	834.13	4,157.77	4,071.74	86.03	48.327		
12,800.00	7,950.00	7,800.00	7,505.28	132.77	44.91	-71.42	-1,735.62	834.13	4,252.10	4,165.80	86.30	49.269		
12,900.00	7,950.00	7,800.00	7,505.28	135.24	44.91	-71.42	-1,735.62	834.13	4,346.68	4,260.12	86.56	50.216		
13,000.00	7,950.00	7,800.00	7,505.28	137.71	44.91	-71.42	-1,735.62	834.13	4,441.50	4,354.69	86.81	51.166		
13,100.00	7,950.00	7,800.00	7,505.28	140.20	44.91	-71.42	-1,735.62	834.13	4,536.54	4,449.50	87.04	52.119		
13,200.00	7,950.00	7,800.00	7,505.28	142.69	44.91	-71.42	-1,735.62	834.13	4,631.79	4,544.52	87.27	53.075		
13,300.00	7,950.00	7,800.00	7,505.28	145.20	44.91	-71.42	-1,735.62	834.13	4,727.23	4,639.75	87.49	54.035		
13,400.00	7,950.00	7,800.00	7,505.28	147.71	44.91	-71.42	-1,735.62	834.13	4,822.86	4,735.17	87.69	54.997		
13,500.00	7,950.00	7,800.00	7,505.28	150.23	44.91	-71.42	-1,735.62	834.13	4,918.66	4,830.77	87.89	55.961		
13,600.00	7,950.00	7,800.00	7,505.28	152.75	44.91	-71.42	-1,735.62	834.13	5,014.63	4,926.54	88.09	56.927		
13,700.00	7,950.00	7,800.00	7,505.28	155.28	44.91	-71.42	-1,735.62	834.13	5,110.75	5,022.48	88.28	57.896		
13,800.00	7,950.00	7,800.00	7,505.28	157.82	44.91	-71.42	-1,735.62	834.13	5,207.02	5,118.57	88.46	58.866		
13,900.00	7,950.00	7,800.00	7,505.28	160.36	44.91	-71.42	-1,735.62	834.13	5,303.43	5,214.80	88.63	59.838		
14,000.00	7,950.00	7,776.57	7,483.02	162.91	44.82	-70.64	-1,729.56	838.24	5,399.45	5,310.84	88.61	60.938		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 3CH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	7,950.00	7,775.10	7,481.62	165.47	44.81	-70.59	-1,729.18	838.46	5,496.04	5,407.28	88.76	61.920	
14,200.00	7,950.00	7,773.68	7,480.27	168.02	44.80	-70.55	-1,728.81	838.68	5,592.75	5,503.84	88.91	62.904	
14,300.00	7,950.00	7,772.30	7,478.96	170.59	44.80	-70.50	-1,728.45	838.88	5,689.57	5,600.52	89.06	63.888	
14,400.00	7,950.00	7,750.00	7,457.61	173.15	44.71	-69.77	-1,722.63	841.75	5,786.91	5,697.88	89.03	64.997	
14,500.00	7,950.00	7,750.00	7,457.61	175.73	44.71	-69.77	-1,722.63	841.75	5,883.89	5,794.70	89.18	65.975	
14,600.00	7,950.00	7,750.00	7,457.61	178.30	44.71	-69.77	-1,722.63	841.75	5,980.96	5,891.63	89.33	66.953	
14,700.00	7,950.00	7,750.00	7,457.61	180.88	44.71	-69.77	-1,722.63	841.75	6,078.13	5,988.66	89.47	67.932	
14,800.00	7,950.00	7,750.00	7,457.61	183.46	44.71	-69.77	-1,722.63	841.75	6,175.39	6,085.78	89.61	68.912	
14,900.00	7,950.00	7,750.00	7,457.61	186.05	44.71	-69.77	-1,722.63	841.75	6,272.74	6,182.99	89.75	69.892	
15,000.00	7,950.00	7,750.00	7,457.61	188.64	44.71	-69.77	-1,722.63	841.75	6,370.17	6,280.28	89.88	70.873	
15,100.00	7,950.00	7,750.00	7,457.61	191.23	44.71	-69.77	-1,722.63	841.75	6,467.67	6,377.66	90.01	71.853	
15,200.00	7,950.00	7,750.00	7,457.61	193.83	44.71	-69.77	-1,722.63	841.75	6,565.25	6,475.12	90.14	72.834	
15,300.00	7,950.00	7,750.00	7,457.61	196.43	44.71	-69.77	-1,722.63	841.75	6,662.91	6,572.64	90.26	73.816	
15,400.00	7,950.00	7,750.00	7,457.61	199.03	44.71	-69.77	-1,722.63	841.75	6,760.63	6,670.24	90.39	74.797	
15,500.00	7,950.00	7,750.00	7,457.61	201.63	44.71	-69.77	-1,722.63	841.75	6,858.42	6,767.91	90.51	75.778	
15,600.00	7,950.00	7,750.00	7,457.61	204.24	44.71	-69.77	-1,722.63	841.75	6,956.27	6,865.64	90.62	76.759	
15,700.00	7,950.00	7,750.00	7,457.61	206.85	44.71	-69.77	-1,722.63	841.75	7,054.18	6,963.44	90.74	77.740	
15,800.00	7,950.00	7,750.00	7,457.61	209.46	44.71	-69.77	-1,722.63	841.75	7,152.15	7,061.29	90.85	78.721	
15,900.00	7,950.00	7,750.00	7,457.61	212.08	44.71	-69.77	-1,722.63	841.75	7,250.17	7,159.21	90.97	79.701	
16,000.00	7,950.00	7,750.00	7,457.61	214.69	44.71	-69.77	-1,722.63	841.75	7,348.25	7,257.17	91.08	80.682	
16,100.00	7,950.00	7,750.00	7,457.61	217.31	44.71	-69.77	-1,722.63	841.75	7,446.38	7,355.19	91.19	81.661	
16,200.00	7,950.00	7,750.00	7,457.61	219.93	44.71	-69.77	-1,722.63	841.75	7,544.56	7,453.26	91.29	82.641	
16,300.00	7,950.00	7,750.00	7,457.61	222.55	44.71	-69.77	-1,722.63	841.75	7,642.78	7,551.38	91.40	83.620	
16,400.00	7,950.00	7,750.00	7,457.61	225.18	44.71	-69.77	-1,722.63	841.75	7,741.05	7,649.55	91.50	84.598	
16,500.00	7,950.00	7,750.00	7,457.61	227.80	44.71	-69.77	-1,722.63	841.75	7,839.37	7,747.76	91.61	85.576	
16,600.00	7,950.00	7,750.00	7,457.61	230.43	44.71	-69.77	-1,722.63	841.75	7,937.72	7,846.02	91.71	86.554	
16,680.54	7,950.00	7,750.00	7,457.61	232.54	44.71	-69.77	-1,722.63	841.75	8,016.97	7,925.18	91.79	87.340	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	0.00	0.00	-0.21	75.04	-0.28	75.04				
100.00	100.00	100.00	100.00	0.13	0.13	-0.21	75.04	-0.28	75.04	74.77	0.27	279.109	
200.00	200.00	200.00	200.00	0.49	0.49	-0.21	75.04	-0.28	75.04	74.05	0.99	76.121	
250.00	250.00	250.00	250.00	0.67	0.67	-0.21	75.04	-0.28	75.04	73.70	1.34	55.822 CC	
300.00	300.00	301.26	301.26	0.84	0.85	-172.83	74.61	-0.12	75.05	73.36	1.69	44.374	
400.00	399.93	403.78	403.71	1.18	1.20	-172.22	71.16	1.13	75.15	72.77	2.38	31.604	
500.00	499.68	506.29	505.94	1.54	1.56	-171.01	64.27	3.63	75.38	72.30	3.08	24.447	
600.00	599.13	608.76	607.82	1.91	1.95	-169.21	53.96	7.38	75.78	71.98	3.80	19.932	
700.00	698.15	711.18	709.19	2.31	2.36	-166.85	40.23	12.38	76.43	71.89	4.53	16.855 ES	
800.00	796.63	813.55	809.92	2.74	2.81	-163.96	23.11	18.60	77.41	72.12	5.29	14.638	
900.00	894.44	915.85	909.88	3.20	3.28	-160.61	2.64	26.04	78.82	72.75	6.08	12.972	
1,000.00	991.46	1,018.08	1,008.91	3.70	3.80	-156.88	-21.15	34.69	80.79	73.87	6.92	11.679	
1,100.00	1,087.58	1,120.21	1,106.89	4.24	4.36	-152.86	-48.22	44.53	83.41	75.59	7.83	10.654	
1,200.00	1,182.68	1,222.24	1,203.69	4.82	4.97	-148.66	-78.53	55.55	86.80	77.96	8.84	9.818	
1,300.00	1,276.65	1,323.41	1,298.54	5.45	5.62	-144.53	-111.57	67.57	91.18	81.21	9.97	9.147	
1,400.00	1,369.36	1,423.06	1,391.71	6.13	6.28	-141.75	-144.79	79.64	98.20	87.05	11.15	8.805	
1,421.41	1,389.04	1,444.38	1,411.64	6.28	6.42	-141.36	-151.90	82.23	100.09	88.68	11.41	8.773	
1,500.00	1,461.15	1,522.61	1,484.79	6.84	6.95	-140.23	-177.98	91.71	107.25	94.90	12.35	8.685	
1,600.00	1,552.91	1,622.16	1,577.86	7.57	7.63	-138.99	-211.17	103.78	116.42	102.85	13.57	8.578	
1,700.00	1,644.66	1,721.71	1,670.94	8.30	8.31	-137.93	-244.36	115.84	125.64	110.83	14.82	8.480	
1,800.00	1,736.42	1,821.26	1,764.01	9.04	9.00	-137.02	-277.55	127.91	134.90	118.82	16.08	8.390	
1,900.00	1,828.17	1,920.81	1,857.09	9.79	9.69	-136.23	-310.74	139.98	144.18	126.83	17.35	8.309	
2,000.00	1,919.93	2,020.36	1,950.16	10.54	10.39	-135.53	-343.93	152.04	153.49	134.85	18.64	8.235	
2,100.00	2,011.68	2,119.91	2,043.24	11.29	11.08	-134.91	-377.12	164.11	162.82	142.89	19.93	8.168	
2,200.00	2,103.44	2,219.46	2,136.31	12.05	11.78	-134.36	-410.30	176.18	172.17	150.93	21.24	8.107	
2,300.00	2,195.20	2,319.00	2,229.39	12.80	12.48	-133.86	-443.49	188.24	181.52	158.98	22.55	8.052	
2,400.00	2,286.95	2,418.55	2,322.47	13.56	13.18	-133.42	-476.68	200.31	190.90	167.04	23.86	8.001	
2,500.00	2,378.71	2,518.10	2,415.54	14.32	13.88	-133.01	-509.87	212.38	200.28	175.10	25.18	7.955	
2,600.00	2,470.46	2,617.65	2,508.62	15.09	14.59	-132.65	-543.06	224.44	209.67	183.17	26.50	7.912	
2,700.00	2,562.22	2,717.20	2,601.69	15.85	15.29	-132.31	-576.25	236.51	219.07	191.24	27.82	7.873	
2,800.00	2,653.98	2,816.75	2,694.77	16.61	15.99	-132.00	-609.44	248.58	228.47	199.32	29.15	7.837	
2,900.00	2,745.73	2,916.30	2,787.84	17.38	16.70	-131.72	-642.63	260.64	237.89	207.40	30.48	7.804	
3,000.00	2,837.49	3,015.85	2,880.92	18.14	17.40	-131.45	-675.81	272.71	247.30	215.49	31.82	7.773	
3,100.00	2,929.24	3,115.40	2,973.99	18.91	18.11	-131.21	-709.00	284.77	256.73	223.58	33.15	7.744	
3,200.00	3,021.00	3,214.95	3,067.07	19.67	18.82	-130.98	-742.19	296.84	266.15	231.67	34.49	7.718	
3,300.00	3,112.75	3,314.50	3,160.14	20.44	19.52	-130.77	-775.38	308.91	275.58	239.76	35.82	7.693	
3,400.00	3,204.51	3,414.05	3,253.22	21.21	20.23	-130.58	-808.57	320.97	285.01	247.85	37.16	7.669	
3,500.00	3,296.27	3,513.60	3,346.29	21.98	20.94	-130.39	-841.76	333.04	294.45	255.95	38.50	7.648	
3,600.00	3,388.02	3,613.15	3,439.37	22.74	21.65	-130.22	-874.95	345.11	303.89	264.05	39.84	7.627	
3,700.00	3,479.78	3,712.70	3,532.44	23.51	22.35	-130.06	-908.14	357.17	313.33	272.15	41.19	7.608	
3,800.00	3,571.53	3,812.25	3,625.52	24.28	23.06	-129.90	-941.32	369.24	322.78	280.25	42.53	7.590	
3,900.00	3,663.29	3,911.80	3,718.59	25.05	23.77	-129.76	-974.51	381.31	332.22	288.35	43.87	7.572	
4,000.00	3,755.05	4,011.35	3,811.67	25.82	24.48	-129.62	-1,007.70	393.37	341.67	296.46	45.22	7.556	
4,100.00	3,846.80	4,110.89	3,904.74	26.59	25.19	-129.49	-1,040.89	405.44	351.12	304.56	46.56	7.541	
4,200.00	3,938.56	4,210.44	3,997.82	27.36	25.90	-129.37	-1,074.08	417.51	360.57	312.67	47.91	7.526	
4,300.00	4,030.31	4,309.99	4,090.89	28.13	26.61	-129.26	-1,107.27	429.57	370.03	320.77	49.25	7.513	
4,400.00	4,122.07	4,409.54	4,183.97	28.90	27.31	-129.15	-1,140.46	441.64	379.48	328.88	50.60	7.499	
4,500.00	4,213.82	4,509.09	4,277.04	29.67	28.02	-129.04	-1,173.64	453.71	388.94	336.99	51.95	7.487	
4,600.00	4,305.58	4,608.64	4,370.12	30.44	28.73	-128.94	-1,206.83	465.77	398.40	345.10	53.30	7.475	
4,700.00	4,397.34	4,708.19	4,463.20	31.21	29.44	-128.85	-1,240.02	477.84	407.86	353.21	54.65	7.464	
4,800.00	4,489.09	4,807.74	4,556.27	31.98	30.15	-128.76	-1,273.21	489.91	417.32	361.32	55.99	7.453	
4,900.00	4,580.85	4,907.29	4,649.35	32.75	30.86	-128.67	-1,306.40	501.97	426.78	369.43	57.34	7.443	

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,672.60	5,006.84	4,742.42	33.52	31.57	-128.59	-1,339.59	514.04	436.24	377.55	58.69	7.433		
5,100.00	4,764.36	5,106.39	4,835.50	34.29	32.28	-128.51	-1,372.78	526.11	445.70	385.66	60.04	7.423		
5,200.00	4,856.12	5,205.94	4,928.57	35.06	32.99	-128.43	-1,405.97	538.17	455.16	393.77	61.39	7.414		
5,300.00	4,947.87	5,305.49	5,021.65	35.83	33.70	-128.36	-1,439.15	550.24	464.63	401.89	62.74	7.405		
5,400.00	5,039.63	5,405.04	5,114.72	36.60	34.41	-128.29	-1,472.34	562.30	474.09	410.00	64.09	7.397		
5,500.00	5,131.38	5,504.59	5,207.80	37.37	35.12	-128.22	-1,505.53	574.37	483.56	418.12	65.44	7.389		
5,600.00	5,223.14	5,604.14	5,300.87	38.14	35.83	-128.15	-1,538.72	586.44	493.02	426.23	66.79	7.381		
5,700.00	5,314.89	5,703.69	5,393.95	38.91	36.54	-128.09	-1,571.91	598.50	502.49	434.35	68.14	7.374		
5,800.00	5,406.65	5,803.23	5,487.02	39.69	37.25	-128.03	-1,605.10	610.57	511.96	442.46	69.50	7.367		
5,900.00	5,498.41	5,902.78	5,580.10	40.46	37.96	-127.97	-1,638.29	622.64	521.43	450.58	70.85	7.360		
6,000.00	5,590.16	6,002.33	5,673.17	41.23	38.67	-127.92	-1,671.48	634.70	530.89	458.70	72.20	7.353		
6,100.00	5,681.92	6,101.88	5,766.25	42.00	39.38	-127.86	-1,704.66	646.77	540.36	466.81	73.55	7.347		
6,200.00	5,773.67	6,201.43	5,859.32	42.77	40.09	-127.81	-1,737.85	658.84	549.83	474.93	74.90	7.341		
6,300.00	5,865.43	6,300.98	5,952.40	43.54	40.80	-127.76	-1,771.04	670.90	559.30	483.05	76.26	7.335		
6,400.00	5,957.18	6,400.53	6,045.47	44.31	41.51	-127.71	-1,804.23	682.97	568.77	491.16	77.61	7.329		
6,500.00	6,048.94	6,500.08	6,138.55	45.09	42.22	-127.67	-1,837.42	695.04	578.24	499.28	78.96	7.323		
6,600.00	6,140.70	6,600.37	6,231.62	45.86	42.94	-127.62	-1,870.61	707.10	587.71	507.40	80.32	7.317		
6,700.00	6,232.45	6,700.82	6,324.70	46.63	43.66	-127.58	-1,903.80	719.17	597.19	515.51	81.68	7.312		
6,800.00	6,324.21	6,801.27	6,417.78	47.40	44.37	-127.53	-1,936.99	731.24	606.66	523.62	83.04	7.306		
6,900.00	6,415.96	6,898.28	6,510.85	48.17	45.07	-127.49	-1,970.17	743.30	616.13	531.76	84.37	7.303		
7,000.00	6,507.72	7,002.17	6,603.93	48.94	45.81	-127.45	-2,003.36	755.37	625.60	539.85	85.75	7.295		
7,100.00	6,599.48	7,097.38	6,697.00	49.72	46.49	-127.41	-2,036.55	767.44	635.07	548.00	87.08	7.293		
7,200.00	6,691.23	7,196.93	6,790.08	50.49	47.20	-127.38	-2,069.74	779.50	644.55	556.12	88.43	7.289		
7,300.00	6,782.99	7,303.52	6,883.15	51.26	47.96	-127.34	-2,102.93	791.57	654.02	564.19	89.83	7.281		
7,400.00	6,874.74	7,403.97	6,976.23	52.03	48.68	-127.30	-2,136.12	803.63	663.49	572.30	91.19	7.276		
7,500.00	6,966.50	7,495.58	7,069.30	52.80	49.33	-127.27	-2,169.31	815.70	672.97	580.48	92.49	7.276		
7,600.00	7,058.25	7,595.12	7,162.38	53.57	50.04	-127.24	-2,202.49	827.77	682.44	588.60	93.84	7.272		
7,700.00	7,150.01	7,694.67	7,255.45	54.35	50.75	-127.20	-2,235.68	839.83	691.91	596.72	95.20	7.268		
7,800.00	7,241.77	7,800.00	7,683.81	55.12	52.33	-139.13	-2,388.64	709.99	673.45	593.38	80.07	8.411		
7,900.00	7,333.52	8,422.50	7,821.50	55.89	52.99	-157.23	-2,437.97	521.93	623.28	556.58	66.70	9.344		
8,000.00	7,425.28	8,499.76	7,848.58	56.66	52.95	-165.00	-2,447.71	450.30	576.17	509.11	67.06	8.592		
8,029.56	7,452.40	8,513.68	7,852.48	56.89	52.94	-166.47	-2,449.12	437.01	564.27	496.46	67.81	8.322		
8,050.00	7,471.13	8,521.31	7,854.49	57.05	52.93	-163.48	-2,449.84	429.68	556.68	488.28	68.40	8.139		
8,100.00	7,516.65	8,532.14	7,857.18	57.44	52.92	-155.87	-2,450.82	419.24	540.57	470.62	69.95	7.728		
8,150.00	7,561.46	8,534.80	7,857.81	57.84	52.92	-148.40	-2,451.05	416.67	528.51	457.15	71.36	7.406		
8,200.00	7,605.22	8,531.77	7,857.09	58.24	52.92	-141.43	-2,450.78	419.60	520.95	448.57	72.38	7.197		
8,250.00	7,647.60	8,524.65	7,855.34	58.63	52.93	-134.98	-2,450.15	426.47	518.10	445.22	72.88	7.109		
8,255.37	7,652.06	8,523.69	7,855.10	58.67	52.93	-134.32	-2,450.06	427.39	518.07	445.17	72.90	7.107 SF		
8,300.00	7,688.27	8,514.52	7,852.70	59.02	52.94	-128.95	-2,449.20	436.21	519.90	447.09	72.81	7.141		
8,350.00	7,726.93	8,502.09	7,849.25	59.40	52.95	-123.20	-2,447.96	448.08	526.09	453.90	72.19	7.287		
8,400.00	7,763.27	8,487.90	7,845.02	59.77	52.96	-117.64	-2,446.43	461.54	536.26	465.11	71.15	7.537		
8,450.00	7,797.04	8,472.31	7,840.00	60.13	52.97	-112.21	-2,444.62	476.19	549.88	480.07	69.81	7.877		
8,500.00	7,827.95	8,455.60	7,834.21	60.49	52.98	-106.90	-2,442.54	491.72	566.38	498.08	68.30	8.292		
8,550.00	7,855.79	8,437.99	7,827.65	60.83	52.99	-101.73	-2,440.18	507.89	585.17	518.38	66.79	8.762		
8,600.00	7,880.34	8,419.63	7,820.32	61.16	53.00	-96.74	-2,437.55	524.51	605.68	540.31	65.37	9.265		
8,650.00	7,901.41	8,400.00	7,811.93	61.49	53.00	-91.94	-2,434.53	542.00	627.40	563.27	64.13	9.783		
8,700.00	7,918.85	8,381.18	7,803.35	61.80	53.00	-87.53	-2,431.46	558.47	649.85	586.66	63.20	10.283		
8,750.00	7,932.51	8,361.26	7,793.73	62.09	53.00	-83.41	-2,428.00	575.57	672.63	610.09	62.53	10.756		
8,800.00	7,942.31	8,340.97	7,783.36	62.38	53.00	-79.68	-2,424.29	592.60	695.35	633.17	62.18	11.183		
8,850.00	7,948.15	8,320.37	7,772.26	62.66	52.99	-76.35	-2,420.31	609.49	717.72	655.58	62.14	11.551		
8,898.08	7,950.00	8,300.00	7,760.72	62.91	52.98	-73.54	-2,416.17	625.76	738.62	676.27	62.35	11.847		
8,900.00	7,950.00	8,300.00	7,760.72	62.92	52.98	-73.54	-2,416.17	625.76	739.44	677.04	62.40	11.849		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	8,259.99	7,736.51	63.47	52.95	-71.81	-2,407.50	656.41	785.52	722.05	63.46	12.378		
9,100.00	7,950.00	8,224.86	7,713.64	64.09	52.92	-70.24	-2,399.31	681.78	837.71	772.64	65.07	12.873		
9,200.00	7,950.00	8,200.00	7,696.59	64.78	52.89	-69.12	-2,393.21	698.80	895.52	828.08	67.44	13.279		
9,300.00	7,950.00	8,165.90	7,672.11	65.55	52.83	-67.57	-2,384.45	720.86	958.16	888.99	69.17	13.852		
9,400.00	7,950.00	8,150.00	7,660.28	66.41	52.81	-66.85	-2,380.22	730.60	1,025.30	953.42	71.87	14.265		
9,500.00	7,950.00	8,119.07	7,636.56	67.35	52.74	-65.45	-2,371.74	748.53	1,096.01	1,022.52	73.49	14.914		
9,600.00	7,950.00	8,100.00	7,621.49	68.38	52.70	-64.60	-2,366.35	758.91	1,170.10	1,094.55	75.55	15.487		
9,700.00	7,950.00	8,081.45	7,606.53	69.50	52.65	-63.78	-2,361.00	768.48	1,247.01	1,169.61	77.41	16.110		
9,800.00	7,950.00	8,065.37	7,593.33	70.71	52.61	-63.07	-2,356.29	776.36	1,326.37	1,247.23	79.15	16.758		
9,900.00	7,950.00	8,050.00	7,580.52	72.01	52.57	-62.40	-2,351.71	783.52	1,407.85	1,327.14	80.71	17.444		
10,000.00	7,950.00	8,050.00	7,580.52	73.40	52.57	-62.40	-2,351.71	783.52	1,491.33	1,408.65	82.68	18.038		
10,100.00	7,950.00	8,025.51	7,559.76	74.87	52.49	-61.35	-2,344.29	794.17	1,576.06	1,492.55	83.50	18.874		
10,200.00	7,950.00	8,000.00	7,537.69	76.42	52.41	-60.28	-2,336.41	804.25	1,662.59	1,578.39	84.20	19.747		
10,300.00	7,950.00	8,000.00	7,537.69	78.05	52.41	-60.28	-2,336.41	804.25	1,749.89	1,664.25	85.64	20.432		
10,400.00	7,950.00	8,000.00	7,537.69	79.75	52.41	-60.28	-2,336.41	804.25	1,838.49	1,751.57	86.93	21.150		
10,500.00	7,950.00	8,000.00	7,537.69	81.52	52.41	-60.28	-2,336.41	804.25	1,928.20	1,840.14	88.07	21.895		
10,600.00	7,950.00	7,978.45	7,518.73	83.35	52.33	-59.40	-2,329.63	811.94	2,018.38	1,929.89	88.49	22.810		
10,700.00	7,950.00	7,971.06	7,512.17	85.24	52.30	-59.10	-2,327.29	814.41	2,109.50	2,020.27	89.23	23.640		
10,800.00	7,950.00	7,950.00	7,493.32	87.18	52.22	-58.26	-2,320.56	820.93	2,201.51	2,111.95	89.56	24.582		
10,900.00	7,950.00	7,950.00	7,493.32	89.18	52.22	-58.26	-2,320.56	820.93	2,293.74	2,203.38	90.36	25.385		
11,000.00	7,950.00	7,950.00	7,493.32	91.22	52.22	-58.26	-2,320.56	820.93	2,386.61	2,295.52	91.09	26.202		
11,100.00	7,950.00	7,950.00	7,493.32	93.30	52.22	-58.26	-2,320.56	820.93	2,480.02	2,388.27	91.75	27.031		
11,200.00	7,950.00	7,950.00	7,493.32	95.43	52.22	-58.26	-2,320.56	820.93	2,573.93	2,481.58	92.35	27.871		
11,300.00	7,950.00	7,950.00	7,493.32	97.58	52.22	-58.26	-2,320.56	820.93	2,668.29	2,575.38	92.90	28.721		
11,400.00	7,950.00	7,950.00	7,493.32	99.78	52.22	-58.26	-2,320.56	820.93	2,763.04	2,669.62	93.41	29.579		
11,500.00	7,950.00	7,927.01	7,472.49	102.00	52.12	-57.37	-2,313.12	827.21	2,857.60	2,764.17	93.43	30.584		
11,600.00	7,950.00	7,922.88	7,468.73	104.25	52.10	-57.21	-2,311.78	828.24	2,952.82	2,859.02	93.80	31.479		
11,700.00	7,950.00	7,900.00	7,447.74	106.52	52.00	-56.36	-2,304.29	833.45	3,048.68	2,954.88	93.80	32.501		
11,800.00	7,950.00	7,900.00	7,447.74	108.82	52.00	-56.36	-2,304.29	833.45	3,144.30	3,050.10	94.20	33.378		
11,900.00	7,950.00	7,900.00	7,447.74	111.14	52.00	-56.36	-2,304.29	833.45	3,240.18	3,145.61	94.58	34.260		
12,000.00	7,950.00	7,900.00	7,447.74	113.48	52.00	-56.36	-2,304.29	833.45	3,336.31	3,241.38	94.93	35.147		
12,100.00	7,950.00	7,900.00	7,447.74	115.84	52.00	-56.36	-2,304.29	833.45	3,432.65	3,337.40	95.25	36.037		
12,200.00	7,950.00	7,900.00	7,447.74	118.21	52.00	-56.36	-2,304.29	833.45	3,529.20	3,433.64	95.56	36.932		
12,300.00	7,950.00	7,900.00	7,447.74	120.61	52.00	-56.36	-2,304.29	833.45	3,625.93	3,530.09	95.85	37.830		
12,400.00	7,950.00	7,900.00	7,447.74	123.01	52.00	-56.36	-2,304.29	833.45	3,722.84	3,626.72	96.12	38.731		
12,500.00	7,950.00	7,900.00	7,447.74	125.43	52.00	-56.36	-2,304.29	833.45	3,819.91	3,723.53	96.38	39.634		
12,600.00	7,950.00	7,900.00	7,447.74	127.87	52.00	-56.36	-2,304.29	833.45	3,917.12	3,820.50	96.62	40.540		
12,700.00	7,950.00	7,900.00	7,447.74	130.31	52.00	-56.36	-2,304.29	833.45	4,014.48	3,917.62	96.86	41.448		
12,800.00	7,950.00	7,900.00	7,447.74	132.77	52.00	-56.36	-2,304.29	833.45	4,111.95	4,014.88	97.08	42.358		
12,900.00	7,950.00	7,900.00	7,447.74	135.24	52.00	-56.36	-2,304.29	833.45	4,209.55	4,112.27	97.29	43.270		
13,000.00	7,950.00	7,900.00	7,447.74	137.71	52.00	-56.36	-2,304.29	833.45	4,307.26	4,209.77	97.49	44.184		
13,100.00	7,950.00	7,900.00	7,447.74	140.20	52.00	-56.36	-2,304.29	833.45	4,405.07	4,307.39	97.68	45.098		
13,200.00	7,950.00	7,900.00	7,447.74	142.69	52.00	-56.36	-2,304.29	833.45	4,502.98	4,405.12	97.86	46.014		
13,300.00	7,950.00	7,876.70	7,426.20	145.20	51.88	-55.51	-2,296.60	837.82	4,600.44	4,502.72	97.72	47.076		
13,400.00	7,950.00	7,874.91	7,424.53	147.71	51.87	-55.45	-2,296.00	838.12	4,698.44	4,600.57	97.87	48.006		
13,500.00	7,950.00	7,873.17	7,422.92	150.23	51.87	-55.39	-2,295.42	838.41	4,796.51	4,698.50	98.02	48.936		
13,600.00	7,950.00	7,850.00	7,401.31	152.75	51.75	-54.58	-2,287.71	841.69	4,895.11	4,797.23	97.88	50.012		
13,700.00	7,950.00	7,850.00	7,401.31	155.28	51.75	-54.58	-2,287.71	841.69	4,993.26	4,895.22	98.04	50.932		
13,800.00	7,950.00	7,850.00	7,401.31	157.82	51.75	-54.58	-2,287.71	841.69	5,091.48	4,993.29	98.19	51.853		
13,900.00	7,950.00	7,850.00	7,401.31	160.36	51.75	-54.58	-2,287.71	841.69	5,189.77	5,091.43	98.34	52.774		
14,000.00	7,950.00	7,850.00	7,401.31	162.91	51.75	-54.58	-2,287.71	841.69	5,288.12	5,189.64	98.48	53.696		
14,100.00	7,950.00	7,850.00	7,401.31	165.47	51.75	-54.58	-2,287.71	841.69	5,386.54	5,287.92	98.62	54.618		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 4AH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,200.00	7,950.00	7,850.00	7,401.31	168.02	51.75	-54.58	-2,287.71	841.69	5,485.01	5,386.25	98.76	55.540	
14,300.00	7,950.00	7,850.00	7,401.31	170.59	51.75	-54.58	-2,287.71	841.69	5,583.54	5,484.65	98.89	56.463	
14,400.00	7,950.00	7,850.00	7,401.31	173.15	51.75	-54.58	-2,287.71	841.69	5,682.11	5,583.10	99.02	57.386	
14,500.00	7,950.00	7,850.00	7,401.31	175.73	51.75	-54.58	-2,287.71	841.69	5,780.74	5,681.60	99.14	58.308	
14,600.00	7,950.00	7,850.00	7,401.31	178.30	51.75	-54.58	-2,287.71	841.69	5,879.41	5,780.15	99.26	59.231	
14,700.00	7,950.00	7,850.00	7,401.31	180.88	51.75	-54.58	-2,287.71	841.69	5,978.13	5,878.75	99.38	60.154	
14,800.00	7,950.00	7,850.00	7,401.31	183.46	51.75	-54.58	-2,287.71	841.69	6,076.89	5,977.39	99.50	61.077	
14,900.00	7,950.00	7,850.00	7,401.31	186.05	51.75	-54.58	-2,287.71	841.69	6,175.69	6,076.08	99.61	61.999	
15,000.00	7,950.00	7,850.00	7,401.31	188.64	51.75	-54.58	-2,287.71	841.69	6,274.53	6,174.81	99.72	62.921	
15,100.00	7,950.00	7,850.00	7,401.31	191.23	51.75	-54.58	-2,287.71	841.69	6,373.40	6,273.57	99.83	63.843	
15,200.00	7,950.00	7,850.00	7,401.31	193.83	51.75	-54.58	-2,287.71	841.69	6,472.31	6,372.37	99.94	64.765	
15,300.00	7,950.00	7,850.00	7,401.31	196.43	51.75	-54.58	-2,287.71	841.69	6,571.25	6,471.21	100.04	65.686	
15,400.00	7,950.00	7,850.00	7,401.31	199.03	51.75	-54.58	-2,287.71	841.69	6,670.22	6,570.08	100.14	66.607	
15,500.00	7,950.00	7,850.00	7,401.31	201.63	51.75	-54.58	-2,287.71	841.69	6,769.22	6,668.98	100.24	67.528	
15,600.00	7,950.00	7,850.00	7,401.31	204.24	51.75	-54.58	-2,287.71	841.69	6,868.25	6,767.91	100.34	68.448	
15,700.00	7,950.00	7,850.00	7,401.31	206.85	51.75	-54.58	-2,287.71	841.69	6,967.31	6,866.87	100.44	69.368	
15,800.00	7,950.00	7,850.00	7,401.31	209.46	51.75	-54.58	-2,287.71	841.69	7,066.40	6,965.86	100.54	70.287	
15,900.00	7,950.00	7,850.00	7,401.31	212.08	51.75	-54.58	-2,287.71	841.69	7,165.51	7,064.88	100.63	71.205	
16,000.00	7,950.00	7,850.00	7,401.31	214.69	51.75	-54.58	-2,287.71	841.69	7,264.65	7,163.92	100.73	72.123	
16,100.00	7,950.00	7,850.00	7,401.31	217.31	51.75	-54.58	-2,287.71	841.69	7,363.80	7,262.99	100.82	73.040	
16,200.00	7,950.00	7,850.00	7,401.31	219.93	51.75	-54.58	-2,287.71	841.69	7,462.99	7,362.08	100.91	73.957	
16,300.00	7,950.00	7,850.00	7,401.31	222.55	51.75	-54.58	-2,287.71	841.69	7,562.19	7,461.19	101.00	74.873	
16,400.00	7,950.00	7,850.00	7,401.31	225.18	51.75	-54.58	-2,287.71	841.69	7,661.41	7,560.32	101.09	75.788	
16,500.00	7,950.00	7,850.00	7,401.31	227.80	51.75	-54.58	-2,287.71	841.69	7,760.66	7,659.48	101.18	76.703	
16,600.00	7,950.00	7,850.00	7,401.31	230.43	51.75	-54.58	-2,287.71	841.69	7,859.92	7,758.65	101.27	77.617	
16,680.54	7,950.00	7,850.00	7,401.31	232.54	51.75	-54.58	-2,287.71	841.69	7,939.87	7,838.54	101.34	78.352	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 4BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.77	0.00	24.77					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	24.77	0.00	24.77	24.50	0.27	92.133		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	24.77	0.00	24.77	23.78	0.99	25.127		
250.00	250.00	250.00	250.00	0.67	0.67	0.00	24.77	0.00	24.77	23.43	1.34	18.427		
300.00	300.00	300.42	300.42	0.84	0.84	-172.53	24.35	0.13	24.78	23.09	1.69	14.678		
400.00	399.93	401.25	401.18	1.18	1.19	-171.22	20.94	1.14	24.88	22.51	2.37	10.503		
500.00	499.68	502.07	501.75	1.54	1.55	-168.65	14.15	3.17	25.11	22.04	3.07	8.184		
600.00	599.13	602.88	601.99	1.91	1.93	-164.89	3.97	6.20	25.55	21.77	3.78	6.757		
700.00	698.15	703.67	701.78	2.31	2.33	-160.12	-9.58	10.25	26.30	21.78	4.51	5.825		
800.00	796.63	804.43	800.98	2.74	2.76	-154.57	-26.48	15.29	27.47	22.19	5.28	5.199		
900.00	894.44	905.16	899.47	3.20	3.23	-148.58	-46.71	21.32	29.17	23.06	6.11	4.774		
1,000.00	991.46	1,005.86	997.12	3.70	3.74	-142.50	-70.23	28.34	31.50	24.48	7.02	4.486		
1,100.00	1,087.58	1,106.51	1,093.80	4.24	4.28	-136.64	-97.02	36.33	34.52	26.49	8.04	4.295		
1,200.00	1,182.68	1,207.11	1,189.40	4.82	4.87	-131.22	-127.02	45.28	38.26	29.09	9.17	4.172		
1,300.00	1,276.65	1,307.66	1,283.80	5.45	5.51	-126.37	-160.21	55.18	42.71	32.28	10.42	4.097		
1,400.00	1,369.36	1,408.16	1,376.87	6.13	6.20	-122.11	-196.53	66.01	47.86	36.06	11.80	4.056		
1,421.41	1,389.04	1,429.67	1,396.61	6.28	6.36	-121.27	-204.71	68.45	49.05	36.94	12.11	4.051		
1,500.00	1,461.15	1,508.35	1,468.38	6.84	6.93	-117.73	-235.62	77.67	53.25	39.95	13.30	4.005		
1,600.00	1,552.91	1,608.12	1,559.22	7.57	7.68	-113.63	-275.15	89.46	58.74	43.89	14.85	3.955		
1,700.00	1,644.66	1,707.89	1,650.06	8.30	8.44	-110.24	-314.68	101.25	64.49	48.07	16.42	3.927		
1,800.00	1,736.42	1,807.66	1,740.90	9.04	9.21	-107.42	-354.21	113.04	70.42	52.43	17.99	3.914		
1,900.00	1,828.17	1,907.43	1,831.74	9.79	9.99	-105.04	-393.75	124.83	76.49	56.93	19.56	3.910		
2,000.00	1,919.93	2,007.20	1,922.58	10.54	10.77	-103.01	-433.28	136.62	82.68	61.55	21.13	3.913		
2,100.00	2,011.68	2,106.96	2,013.42	11.29	11.55	-101.26	-472.81	148.41	88.95	66.26	22.70	3.919		
2,200.00	2,103.44	2,206.73	2,104.27	12.05	12.33	-99.75	-512.34	160.21	95.30	71.04	24.26	3.928		
2,300.00	2,195.20	2,306.50	2,195.11	12.80	13.12	-98.42	-551.87	172.00	101.71	75.88	25.83	3.938		
2,400.00	2,286.95	2,406.27	2,285.95	13.56	13.91	-97.26	-591.40	183.79	108.16	80.77	27.39	3.950		
2,500.00	2,378.71	2,506.04	2,376.79	14.32	14.70	-96.22	-630.93	195.58	114.65	85.71	28.94	3.961		
2,600.00	2,470.46	2,605.81	2,467.63	15.09	15.49	-95.30	-670.46	207.37	121.18	90.68	30.50	3.973		
2,700.00	2,562.22	2,705.58	2,558.47	15.85	16.28	-94.47	-709.99	219.16	127.73	95.68	32.05	3.985		
2,800.00	2,653.98	2,805.35	2,649.31	16.61	17.08	-93.72	-749.52	230.95	134.31	100.70	33.61	3.996		
2,900.00	2,745.73	2,905.11	2,740.15	17.38	17.87	-93.04	-789.05	242.74	140.91	105.75	35.16	4.008		
3,000.00	2,837.49	3,004.88	2,831.00	18.14	18.67	-92.42	-828.58	254.53	147.53	110.82	36.71	4.019		
3,100.00	2,929.24	3,104.65	2,921.84	18.91	19.46	-91.86	-868.11	266.32	154.16	115.90	38.26	4.029		
3,200.00	3,021.00	3,204.42	3,012.68	19.67	20.26	-91.34	-907.64	278.11	160.80	120.99	39.81	4.039		
3,300.00	3,112.75	3,304.19	3,103.52	20.44	21.06	-90.87	-947.17	289.91	167.46	126.10	41.36	4.049		
3,400.00	3,204.51	3,403.96	3,194.36	21.21	21.86	-90.43	-986.70	301.70	174.13	131.23	42.90	4.059		
3,500.00	3,296.27	3,503.73	3,285.20	21.98	22.66	-90.02	-1,026.23	313.49	180.81	136.36	44.45	4.068		
3,600.00	3,388.02	3,603.50	3,376.04	22.74	23.45	-89.64	-1,065.76	325.28	187.49	141.50	46.00	4.076		
3,700.00	3,479.78	3,703.27	3,466.88	23.51	24.25	-89.29	-1,105.29	337.07	194.19	146.65	47.54	4.084		
3,800.00	3,571.53	3,803.03	3,557.73	24.28	25.05	-88.96	-1,144.82	348.86	200.89	151.80	49.09	4.092		
3,900.00	3,663.29	3,902.80	3,648.57	25.05	25.85	-88.65	-1,184.35	360.65	207.60	156.96	50.63	4.100		
4,000.00	3,755.05	4,002.57	3,739.41	25.82	26.65	-88.36	-1,223.88	372.44	214.31	162.13	52.18	4.107		
4,100.00	3,846.80	4,102.34	3,830.25	26.59	27.45	-88.09	-1,263.41	384.23	221.03	167.30	53.72	4.114		
4,200.00	3,938.56	4,202.11	3,921.09	27.36	28.25	-87.83	-1,302.95	396.02	227.75	172.48	55.27	4.121		
4,300.00	4,030.31	4,301.88	4,011.93	28.13	29.05	-87.59	-1,342.48	407.81	234.48	177.67	56.81	4.127		
4,400.00	4,122.07	4,401.65	4,102.77	28.90	29.86	-87.37	-1,382.01	419.61	241.21	182.85	58.35	4.134		
4,500.00	4,213.82	4,501.42	4,193.61	29.67	30.66	-87.15	-1,421.54	431.40	247.94	188.04	59.90	4.139		
4,600.00	4,305.58	4,601.18	4,284.46	30.44	31.46	-86.95	-1,461.07	443.19	254.68	193.24	61.44	4.145		
4,700.00	4,397.34	4,700.95	4,375.30	31.21	32.26	-86.76	-1,500.60	454.98	261.42	198.44	62.98	4.151		
4,800.00	4,489.09	4,800.72	4,466.14	31.98	33.06	-86.57	-1,540.13	466.77	268.16	203.64	64.53	4.156		
4,900.00	4,580.85	4,900.49	4,556.98	32.75	33.86	-86.40	-1,579.66	478.56	274.91	208.84	66.07	4.161		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 4BH - 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	
5,000.00	4,672.60	5,000.26	4,647.82	33.52	34.66	-86.23	-1,619.19	490.35	281.66	214.05	67.61	4.166	
5,100.00	4,764.36	5,100.03	4,738.66	34.29	35.47	-86.08	-1,658.72	502.14	288.41	219.25	69.15	4.171	
5,200.00	4,856.12	5,200.20	4,829.50	35.06	36.27	-85.92	-1,698.25	513.93	295.16	224.46	70.70	4.175	
5,300.00	4,947.87	5,300.43	4,920.34	35.83	37.08	-85.78	-1,737.78	525.72	301.91	229.67	72.24	4.179	
5,400.00	5,039.63	5,400.66	5,011.19	36.60	37.88	-85.64	-1,777.31	537.51	308.67	234.88	73.79	4.183	
5,500.00	5,131.38	5,499.10	5,102.03	37.37	38.67	-85.51	-1,816.84	549.31	315.43	240.11	75.32	4.188	
5,600.00	5,223.14	5,601.13	5,192.87	38.14	39.49	-85.38	-1,856.37	561.10	322.19	245.31	76.88	4.191	
5,700.00	5,314.89	5,698.64	5,283.71	38.91	40.28	-85.26	-1,895.90	572.89	328.95	250.55	78.40	4.196	
5,800.00	5,406.65	5,798.41	5,374.55	39.69	41.08	-85.15	-1,935.43	584.68	335.71	255.77	79.94	4.199	
5,900.00	5,498.41	5,901.82	5,465.39	40.46	41.91	-85.04	-1,974.96	596.47	342.47	260.96	81.51	4.201	
6,000.00	5,590.16	5,997.95	5,556.23	41.23	42.68	-84.93	-2,014.49	608.26	349.24	266.21	83.03	4.206	
6,100.00	5,681.92	6,102.28	5,647.07	42.00	43.52	-84.82	-2,054.02	620.05	356.01	271.40	84.60	4.208	
6,200.00	5,773.67	6,202.51	5,737.92	42.77	44.33	-84.73	-2,093.55	631.84	362.77	276.62	86.15	4.211	
6,300.00	5,865.43	6,302.75	5,828.76	43.54	45.14	-84.63	-2,133.08	643.63	369.54	281.85	87.69	4.214	
6,400.00	5,957.18	6,402.98	5,919.60	44.31	45.94	-84.54	-2,172.61	655.42	376.31	287.07	89.24	4.217	
6,500.00	6,048.94	6,503.21	6,010.44	45.09	46.75	-84.45	-2,212.15	667.21	383.08	292.30	90.78	4.220	
6,600.00	6,140.70	6,596.56	6,101.28	45.86	47.50	-84.36	-2,251.68	679.01	389.85	297.58	92.27	4.225	
6,700.00	6,232.45	6,696.33	6,192.12	46.63	48.30	-84.28	-2,291.21	690.80	396.62	302.81	93.81	4.228	
6,800.00	6,324.21	6,803.90	6,282.96	47.40	49.17	-84.20	-2,330.74	702.59	403.40	307.98	95.42	4.228	
6,900.00	6,415.96	6,895.87	6,373.80	48.17	49.91	-84.12	-2,370.27	714.38	410.17	313.28	96.89	4.233	
7,000.00	6,507.72	7,004.36	6,464.65	48.94	50.78	-84.05	-2,409.80	726.17	416.95	318.44	98.50	4.233	
7,100.00	6,599.48	7,104.60	6,555.49	49.72	51.59	-83.97	-2,449.33	737.96	423.72	323.67	100.05	4.235	
7,200.00	6,691.23	7,204.83	6,646.33	50.49	52.40	-83.90	-2,488.86	749.75	430.50	328.90	101.59	4.237	
7,300.00	6,782.99	7,305.06	6,737.17	51.26	53.20	-83.84	-2,528.39	761.54	437.27	334.14	103.14	4.240	
7,400.00	6,874.74	7,405.29	6,828.01	52.03	54.01	-83.77	-2,567.92	773.33	444.05	339.37	104.68	4.242	
7,500.00	6,966.50	7,505.52	6,918.85	52.80	54.82	-83.70	-2,607.45	785.12	450.83	344.60	106.23	4.244	
7,600.00	7,058.25	7,594.25	7,009.69	53.57	55.53	-83.64	-2,646.98	796.91	457.60	349.93	107.68	4.250	
7,700.00	7,150.01	7,705.98	7,100.54	54.35	56.43	-83.58	-2,686.51	808.71	464.38	355.07	109.31	4.248	
7,800.00	7,241.77	7,806.21	7,191.38	55.12	57.24	-83.52	-2,726.04	820.50	471.16	360.30	110.86	4.250	
7,900.00	7,333.52	7,906.44	7,282.22	55.89	58.04	-83.47	-2,765.57	832.29	477.94	365.54	112.40	4.252	
8,000.00	7,425.28	8,054.71	7,429.27	56.66	59.21	-83.38	-2,829.57	846.74	484.01	370.08	113.93	4.248	
8,029.56	7,452.40	8,234.97	7,591.60	56.89	60.30	-83.28	-2,900.27	817.15	477.59	370.59	107.00	4.463	
8,050.00	7,471.13	8,338.73	7,678.59	57.05	60.74	-78.60	-2,938.18	775.52	468.08	369.69	98.39	4.757	
8,100.00	7,516.65	8,505.44	7,799.84	57.44	61.19	-67.98	-2,991.09	675.05	432.57	353.93	78.64	5.501	
8,150.00	7,561.46	8,587.92	7,848.72	57.84	61.30	-58.86	-3,012.43	612.23	388.28	321.39	66.89	5.805	
8,200.00	7,605.22	8,627.56	7,869.14	58.24	61.33	-51.34	-3,021.36	579.46	340.39	279.39	61.00	5.580	
8,250.00	7,647.60	8,644.84	7,877.38	58.63	61.35	-45.18	-3,024.97	564.70	291.01	232.57	58.43	4.980	
8,300.00	7,688.27	8,649.46	7,879.52	59.02	61.35	-30.06	-3,025.90	560.71	241.08	183.30	57.78	4.172	
8,350.00	7,726.93	8,646.33	7,878.08	59.40	61.35	143.16	-3,025.27	563.41	191.14	132.83	58.31	3.278	
8,400.00	7,763.27	8,638.15	7,874.24	59.77	61.34	146.52	-3,023.60	570.44	141.49	81.90	59.59	2.374	
8,450.00	7,797.04	8,626.52	7,868.63	60.13	61.33	149.39	-3,021.14	580.34	92.37	30.97	61.40	1.504	
8,500.00	7,827.95	8,612.41	7,861.58	60.49	61.32	152.54	-3,018.06	592.16	43.95	-19.68	63.63	0.691 Level 1	
8,546.16	7,853.77	8,597.78	7,853.99	60.80	61.31	-118.44	-3,014.74	604.22	0.55	-76.07	76.62	0.007 Level 1, CC, ES, SF	
8,550.00	7,855.79	8,596.50	7,853.31	60.83	61.31	-52.64	-3,014.44	605.26	3.66	-60.62	64.29	0.057 Level 1	
8,600.00	7,880.34	8,579.21	7,843.96	61.16	61.29	-28.59	-3,010.35	619.21	50.22	-18.09	68.31	0.735 Level 1	
8,650.00	7,901.41	8,560.86	7,833.61	61.49	61.27	-26.66	-3,005.83	633.67	95.73	24.66	71.07	1.347 Level 3	
8,700.00	7,918.85	8,541.67	7,822.34	61.80	61.24	-25.55	-3,000.91	648.40	140.04	66.19	73.86	1.896	
8,750.00	7,932.51	8,521.81	7,810.20	62.09	61.21	-24.79	-2,995.61	663.20	183.07	106.39	76.68	2.388	
8,800.00	7,942.31	8,500.00	7,796.34	62.38	61.18	-24.29	-2,989.56	678.91	224.71	145.75	78.96	2.846	
8,850.00	7,948.15	8,480.56	7,783.53	62.66	61.13	-23.98	-2,983.96	692.43	264.87	182.56	82.31	3.218	
8,898.08	7,950.00	8,460.15	7,769.64	62.91	61.09	-23.86	-2,977.90	706.09	302.02	217.04	84.98	3.554	
8,900.00	7,950.00	8,459.33	7,769.07	62.92	61.09	-23.86	-2,977.65	706.63	303.48	218.40	85.09	3.567	

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - LONE TREE 4-65 15-16 4BH - 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		
9,000.00	7,950.00	8,420.17	7,741.18	63.47	60.99	-23.88	-2,965.48	731.26	381.55	291.58	89.97	4.241		
9,100.00	7,950.00	8,387.06	7,716.43	64.09	60.90	-23.89	-2,954.69	750.42	463.38	369.56	93.82	4.939		
9,200.00	7,950.00	8,350.00	7,687.58	64.78	60.78	-23.90	-2,942.11	769.98	548.31	452.59	95.72	5.728		
9,300.00	7,950.00	8,334.70	7,675.34	65.55	60.72	-23.89	-2,936.77	777.45	635.29	535.93	99.36	6.394		
9,400.00	7,950.00	8,313.81	7,658.35	66.41	60.65	-23.89	-2,929.36	787.08	724.26	622.90	101.36	7.145		
9,500.00	7,950.00	8,300.00	7,646.94	67.35	60.60	-23.89	-2,924.39	793.06	814.77	711.41	103.36	7.883		
9,600.00	7,950.00	8,279.67	7,629.92	68.38	60.51	-23.89	-2,916.97	801.33	906.44	802.07	104.38	8.684		
9,700.00	7,950.00	8,265.59	7,617.98	69.50	60.45	-23.88	-2,911.76	806.66	999.16	893.64	105.52	9.469		
9,800.00	7,950.00	8,250.00	7,604.61	70.71	60.38	-23.88	-2,905.94	812.19	1,092.73	986.42	106.32	10.278		
9,900.00	7,950.00	8,250.00	7,604.61	72.01	60.38	-23.88	-2,905.94	812.19	1,187.07	1,079.35	107.73	11.019		
10,000.00	7,950.00	8,231.89	7,588.93	73.40	60.29	-23.87	-2,899.10	818.12	1,281.85	1,173.83	108.03	11.866		
10,100.00	7,950.00	8,222.84	7,581.03	74.87	60.24	-23.87	-2,895.66	820.88	1,377.24	1,268.59	108.64	12.677		
10,200.00	7,950.00	8,200.00	7,560.91	76.42	60.13	-23.86	-2,886.90	827.23	1,473.32	1,364.73	108.59	13.568		
10,300.00	7,950.00	8,200.00	7,560.91	78.05	60.13	-23.86	-2,886.90	827.23	1,569.32	1,459.94	109.38	14.347		
10,400.00	7,950.00	8,200.00	7,560.91	79.75	60.13	-23.86	-2,886.90	827.23	1,665.80	1,555.74	110.06	15.135		
10,500.00	7,950.00	8,200.00	7,560.91	81.52	60.13	-23.86	-2,886.90	827.23	1,762.67	1,652.03	110.64	15.931		
10,600.00	7,950.00	8,200.00	7,560.91	83.35	60.13	-23.86	-2,886.90	827.23	1,859.87	1,748.72	111.15	16.734		
10,700.00	7,950.00	8,200.00	7,560.91	85.24	60.13	-23.86	-2,886.90	827.23	1,957.35	1,845.76	111.59	17.541		
10,800.00	7,950.00	8,178.08	7,541.40	87.18	60.00	-23.85	-2,878.40	832.50	2,054.54	1,943.19	111.34	18.452		
10,900.00	7,950.00	8,173.50	7,537.31	89.18	59.98	-23.85	-2,876.62	833.49	2,152.23	2,040.64	111.59	19.287		
11,000.00	7,950.00	8,169.25	7,533.50	91.22	59.95	-23.85	-2,874.95	834.39	2,250.09	2,138.27	111.81	20.124		
11,100.00	7,950.00	8,150.00	7,516.17	93.30	59.84	-23.84	-2,867.41	838.05	2,348.34	2,236.72	111.62	21.039		
11,200.00	7,950.00	8,150.00	7,516.17	95.43	59.84	-23.84	-2,867.41	838.05	2,446.36	2,334.45	111.92	21.859		
11,300.00	7,950.00	8,150.00	7,516.17	97.58	59.84	-23.84	-2,867.41	838.05	2,544.54	2,432.36	112.18	22.682		
11,400.00	7,950.00	8,150.00	7,516.17	99.78	59.84	-23.84	-2,867.41	838.05	2,642.85	2,530.42	112.43	23.507		
11,500.00	7,950.00	8,150.00	7,516.17	102.00	59.84	-23.84	-2,867.41	838.05	2,741.29	2,628.64	112.65	24.334		
11,600.00	7,950.00	8,150.00	7,516.17	104.25	59.84	-23.84	-2,867.41	838.05	2,839.83	2,726.97	112.86	25.163		
11,700.00	7,950.00	8,150.00	7,516.17	106.52	59.84	-23.84	-2,867.41	838.05	2,938.47	2,825.43	113.05	25.993		
11,800.00	7,950.00	8,150.00	7,516.17	108.82	59.84	-23.84	-2,867.41	838.05	3,037.21	2,923.98	113.22	26.825		
11,900.00	7,950.00	8,150.00	7,516.17	111.14	59.84	-23.84	-2,867.41	838.05	3,136.02	3,022.63	113.39	27.657		
12,000.00	7,950.00	8,150.00	7,516.17	113.48	59.84	-23.84	-2,867.41	838.05	3,234.90	3,121.36	113.54	28.491		
12,100.00	7,950.00	8,150.00	7,516.17	115.84	59.84	-23.84	-2,867.41	838.05	3,333.86	3,220.17	113.69	29.325		
12,200.00	7,950.00	8,150.00	7,516.17	118.21	59.84	-23.84	-2,867.41	838.05	3,432.87	3,319.05	113.82	30.160		
12,300.00	7,950.00	8,150.00	7,516.17	120.61	59.84	-23.84	-2,867.41	838.05	3,531.94	3,417.99	113.95	30.996		
12,400.00	7,950.00	8,150.00	7,516.17	123.01	59.84	-23.84	-2,867.41	838.05	3,631.05	3,516.98	114.07	31.832		
12,500.00	7,950.00	8,128.79	7,496.96	125.43	59.71	-23.83	-2,859.04	841.35	3,729.77	3,615.99	113.78	32.780		
12,600.00	7,950.00	8,127.06	7,495.39	127.87	59.70	-23.83	-2,858.36	841.58	3,828.90	3,715.04	113.86	33.627		
12,700.00	7,950.00	8,125.41	7,493.89	130.31	59.69	-23.83	-2,857.70	841.80	3,928.08	3,814.13	113.94	34.474		
12,800.00	7,950.00	8,123.83	7,492.45	132.77	59.68	-23.83	-2,857.08	842.01	4,027.28	3,913.26	114.02	35.321		
12,900.00	7,950.00	8,122.31	7,491.08	135.24	59.67	-23.83	-2,856.48	842.20	4,126.53	4,012.43	114.09	36.168		
13,000.00	7,950.00	8,100.00	7,470.74	137.71	59.53	-23.82	-2,847.62	844.58	4,226.23	4,112.44	113.79	37.140		
13,100.00	7,950.00	8,100.00	7,470.74	140.20	59.53	-23.82	-2,847.62	844.58	4,325.48	4,211.59	113.89	37.979		
13,200.00	7,950.00	8,100.00	7,470.74	142.69	59.53	-23.82	-2,847.62	844.58	4,424.76	4,310.77	113.98	38.819		
13,300.00	7,950.00	8,100.00	7,470.74	145.20	59.53	-23.82	-2,847.62	844.58	4,524.07	4,409.99	114.08	39.658		
13,400.00	7,950.00	8,100.00	7,470.74	147.71	59.53	-23.82	-2,847.62	844.58	4,623.41	4,509.25	114.16	40.498		
13,500.00	7,950.00	8,100.00	7,470.74	150.23	59.53	-23.82	-2,847.62	844.58	4,722.78	4,608.53	114.25	41.337		
13,600.00	7,950.00	8,100.00	7,470.74	152.75	59.53	-23.82	-2,847.62	844.58	4,822.18	4,707.84	114.33	42.176		
13,700.00	7,950.00	8,100.00	7,470.74	155.28	59.53	-23.82	-2,847.62	844.58	4,921.60	4,807.18	114.41	43.016		
13,800.00	7,950.00	8,100.00	7,470.74	157.82	59.53	-23.82	-2,847.62	844.58	5,021.04	4,906.55	114.49	43.855		
13,900.00	7,950.00	8,100.00	7,470.74	160.36	59.53	-23.82	-2,847.62	844.58	5,120.50	5,005.94	114.57	44.693		
14,000.00	7,950.00	8,100.00	7,470.74	162.91	59.53	-23.82	-2,847.62	844.58	5,219.99	5,105.35	114.64	45.532		
14,100.00	7,950.00	8,100.00	7,470.74	165.47	59.53	-23.82	-2,847.62	844.58	5,319.49	5,204.78	114.72	46.370		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - LONE TREE 4-65 15-16 4BH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,200.00	7,950.00	8,100.00	7,470.74	168.02	59.53	-23.82	-2,847.62	844.58	5,419.02	5,304.23	114.79	47.208	
14,300.00	7,950.00	8,100.00	7,470.74	170.59	59.53	-23.82	-2,847.62	844.58	5,518.56	5,403.70	114.86	48.046	
14,400.00	7,950.00	8,100.00	7,470.74	173.15	59.53	-23.82	-2,847.62	844.58	5,618.11	5,503.19	114.93	48.884	
14,500.00	7,950.00	8,100.00	7,470.74	175.73	59.53	-23.82	-2,847.62	844.58	5,717.69	5,602.69	115.00	49.721	
14,600.00	7,950.00	8,100.00	7,470.74	178.30	59.53	-23.82	-2,847.62	844.58	5,817.27	5,702.21	115.06	50.557	
14,700.00	7,950.00	8,100.00	7,470.74	180.88	59.53	-23.82	-2,847.62	844.58	5,916.87	5,801.74	115.13	51.394	
14,800.00	7,950.00	8,100.00	7,470.74	183.46	59.53	-23.82	-2,847.62	844.58	6,016.49	5,901.29	115.19	52.229	
14,900.00	7,950.00	8,100.00	7,470.74	186.05	59.53	-23.82	-2,847.62	844.58	6,116.11	6,000.86	115.26	53.065	
15,000.00	7,950.00	8,100.00	7,470.74	188.64	59.53	-23.82	-2,847.62	844.58	6,215.75	6,100.43	115.32	53.900	
15,100.00	7,950.00	8,100.00	7,470.74	191.23	59.53	-23.82	-2,847.62	844.58	6,315.40	6,200.02	115.38	54.734	
15,200.00	7,950.00	8,100.00	7,470.74	193.83	59.53	-23.82	-2,847.62	844.58	6,415.06	6,299.62	115.44	55.568	
15,300.00	7,950.00	8,100.00	7,470.74	196.43	59.53	-23.82	-2,847.62	844.58	6,514.73	6,399.23	115.51	56.402	
15,400.00	7,950.00	8,100.00	7,470.74	199.03	59.53	-23.82	-2,847.62	844.58	6,614.41	6,498.85	115.57	57.234	
15,500.00	7,950.00	8,100.00	7,470.74	201.63	59.53	-23.82	-2,847.62	844.58	6,714.10	6,598.48	115.63	58.067	
15,600.00	7,950.00	8,100.00	7,470.74	204.24	59.53	-23.82	-2,847.62	844.58	6,813.80	6,698.12	115.69	58.899	
15,700.00	7,950.00	8,100.00	7,470.74	206.85	59.53	-23.82	-2,847.62	844.58	6,913.51	6,797.77	115.75	59.730	
15,800.00	7,950.00	8,100.00	7,470.74	209.46	59.53	-23.82	-2,847.62	844.58	7,013.23	6,897.42	115.81	60.560	
15,900.00	7,950.00	8,100.00	7,470.74	212.08	59.53	-23.82	-2,847.62	844.58	7,112.95	6,997.09	115.86	61.390	
16,000.00	7,950.00	8,100.00	7,470.74	214.69	59.53	-23.82	-2,847.62	844.58	7,212.69	7,096.76	115.92	62.220	
16,100.00	7,950.00	8,100.00	7,470.74	217.31	59.53	-23.82	-2,847.62	844.58	7,312.43	7,196.44	115.98	63.048	
16,200.00	7,950.00	8,100.00	7,470.74	219.93	59.53	-23.82	-2,847.62	844.58	7,412.17	7,296.13	116.04	63.876	
16,300.00	7,950.00	8,100.00	7,470.74	222.55	59.53	-23.82	-2,847.62	844.58	7,511.92	7,395.83	116.10	64.704	
16,400.00	7,950.00	8,100.00	7,470.74	225.18	59.53	-23.82	-2,847.62	844.58	7,611.68	7,495.53	116.16	65.530	
16,500.00	7,950.00	8,100.00	7,470.74	227.80	59.53	-23.82	-2,847.62	844.58	7,711.45	7,595.24	116.21	66.356	
16,600.00	7,950.00	8,100.00	7,470.74	230.43	59.53	-23.82	-2,847.62	844.58	7,811.22	7,694.95	116.27	67.182	
16,680.54	7,950.00	8,100.00	7,470.74	232.54	59.53	-23.82	-2,847.62	844.58	7,891.58	7,775.26	116.32	67.846	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	5.30	5.30	0.00	0.01	-0.11	299.79	-0.56	299.79					
100.00	100.00	105.30	105.30	0.13	0.15	-0.11	299.79	-0.56	299.79	299.50	0.29	1,041.479		
200.00	200.00	205.30	205.30	0.49	0.51	-0.11	299.79	-0.56	299.79	298.79	1.00	298.362		
206.36	206.36	211.66	211.66	0.52	0.53	-0.11	299.79	-0.56	299.79	298.74	1.05	285.415 CC		
250.00	250.00	254.82	254.82	0.67	0.69	-0.11	299.80	-0.56	299.80	298.44	1.36	220.182 ES		
300.00	300.00	300.29	300.29	0.84	0.85	-172.78	300.21	-0.42	300.69	298.99	1.70	177.113		
400.00	399.93	390.94	390.88	1.18	1.18	-172.66	303.08	0.53	307.31	304.94	2.37	129.490		
500.00	499.68	480.73	480.48	1.54	1.51	-172.44	308.61	2.36	320.36	317.30	3.06	104.633		
600.00	599.13	569.14	568.48	1.91	1.83	-172.14	316.65	5.02	339.74	336.00	3.75	90.635		
700.00	698.15	655.65	654.29	2.31	2.17	-171.79	327.01	8.46	365.34	360.91	4.43	82.505		
800.00	796.63	742.79	740.38	2.74	2.52	-171.40	339.82	12.70	396.87	391.76	5.11	77.703		
900.00	894.44	836.26	832.61	3.20	2.91	-171.06	354.22	17.48	432.37	426.56	5.82	74.353		
1,000.00	991.46	928.46	923.59	3.70	3.30	-170.81	368.43	22.19	471.08	464.55	6.52	72.213		
1,100.00	1,087.58	1,019.27	1,013.19	4.24	3.69	-170.63	382.43	26.83	512.94	505.71	7.23	70.986		
1,200.00	1,182.68	1,108.58	1,101.32	4.82	4.07	-170.50	396.20	31.39	557.90	549.97	7.93	70.354		
1,300.00	1,276.65	1,203.70	1,187.87	5.45	4.49	-170.41	409.71	35.87	605.91	597.25	8.66	69.975		
1,400.00	1,369.36	1,282.30	1,272.73	6.13	4.83	-170.35	422.97	40.26	656.91	647.58	9.33	70.421		
1,421.41	1,389.04	1,300.48	1,290.67	6.28	4.91	-170.34	425.77	41.19	668.22	658.73	9.48	70.460		
1,500.00	1,461.15	1,367.06	1,356.36	6.84	5.20	-170.46	436.03	44.59	709.95	699.93	10.02	70.856		
1,600.00	1,552.91	1,451.78	1,439.96	7.57	5.57	-170.60	449.09	48.92	763.06	752.35	10.70	71.282		
1,700.00	1,644.66	1,536.49	1,523.55	8.30	5.94	-170.71	462.15	53.25	816.17	804.78	11.39	71.627		
1,800.00	1,736.42	1,621.21	1,607.15	9.04	6.31	-170.82	475.20	57.58	869.29	857.20	12.09	71.908		
1,900.00	1,828.17	1,705.93	1,690.74	9.79	6.68	-170.91	488.26	61.90	922.40	909.62	12.79	72.139		
2,000.00	1,919.93	1,809.35	1,774.34	10.54	7.14	-170.99	501.32	66.23	975.52	961.96	13.56	71.950		
2,100.00	2,011.68	1,875.37	1,857.93	11.29	7.43	-171.06	514.37	70.56	1,028.64	1,014.45	14.19	72.492		
2,200.00	2,103.44	1,960.09	1,941.52	12.05	7.80	-171.13	527.43	74.89	1,081.76	1,066.86	14.89	72.628		
2,300.00	2,195.20	2,044.80	2,025.12	12.80	8.17	-171.19	540.49	79.21	1,134.88	1,119.28	15.60	72.742		
2,400.00	2,286.95	2,129.52	2,108.71	13.56	8.55	-171.24	553.54	83.54	1,188.00	1,171.69	16.31	72.840		
2,500.00	2,378.71	2,214.24	2,192.31	14.32	8.92	-171.29	566.60	87.87	1,241.12	1,224.10	17.02	72.923		
2,600.00	2,470.46	2,301.04	2,275.90	15.09	9.30	-171.34	579.66	92.20	1,294.25	1,276.51	17.74	72.962		
2,700.00	2,562.22	2,383.68	2,359.50	15.85	9.67	-171.38	592.72	96.52	1,347.37	1,328.93	18.44	73.056		
2,800.00	2,653.98	2,468.40	2,443.09	16.61	10.04	-171.42	605.77	100.85	1,400.49	1,381.34	19.16	73.109		
2,900.00	2,745.73	2,553.11	2,526.68	17.38	10.42	-171.45	618.83	105.18	1,453.62	1,433.75	19.87	73.155		
3,000.00	2,837.49	2,637.83	2,610.28	18.14	10.79	-171.49	631.89	109.51	1,506.74	1,486.16	20.59	73.195		
3,100.00	2,929.24	2,722.55	2,693.87	18.91	11.17	-171.52	644.94	113.83	1,559.87	1,538.57	21.30	73.229		
3,200.00	3,021.00	2,807.27	2,777.47	19.67	11.54	-171.55	658.00	118.16	1,612.99	1,590.98	22.02	73.259		
3,300.00	3,112.75	2,908.01	2,861.06	20.44	11.99	-171.57	671.06	122.49	1,666.12	1,643.32	22.80	73.087		
3,400.00	3,204.51	2,976.71	2,944.66	21.21	12.29	-171.60	684.12	126.82	1,719.25	1,695.79	23.45	73.307		
3,500.00	3,296.27	3,061.43	3,028.25	21.98	12.67	-171.62	697.17	131.15	1,772.37	1,748.20	24.17	73.327		
3,600.00	3,388.02	3,146.14	3,111.84	22.74	13.04	-171.65	710.23	135.47	1,825.50	1,800.61	24.89	73.343		
3,700.00	3,479.78	3,230.86	3,195.44	23.51	13.41	-171.67	723.29	139.80	1,878.63	1,853.02	25.61	73.357		
3,800.00	3,571.53	3,315.58	3,279.03	24.28	13.79	-171.69	736.34	144.13	1,931.75	1,905.42	26.33	73.369		
3,900.00	3,663.29	3,400.30	3,362.63	25.05	14.16	-171.71	749.40	148.46	1,984.88	1,957.83	27.05	73.380		
4,000.00	3,755.05	3,485.02	3,446.22	25.82	14.54	-171.72	762.46	152.78	2,038.01	2,010.24	27.77	73.388		
4,100.00	3,846.80	3,569.74	3,529.82	26.59	14.92	-171.74	775.51	157.11	2,091.13	2,062.64	28.49	73.395		
4,200.00	3,938.56	3,654.45	3,613.41	27.36	15.29	-171.76	788.57	161.44	2,144.26	2,115.05	29.21	73.400		
4,300.00	4,030.31	3,739.17	3,697.00	28.13	15.67	-171.77	801.63	165.77	2,197.39	2,167.45	29.94	73.405		
4,400.00	4,122.07	3,823.89	3,780.60	28.90	16.04	-171.79	814.69	170.09	2,250.52	2,219.86	30.66	73.408		
4,500.00	4,213.82	3,908.61	3,864.19	29.67	16.42	-171.80	827.74	174.42	2,303.64	2,272.26	31.38	73.410		
4,600.00	4,305.58	4,006.67	3,947.79	30.44	16.85	-171.82	840.80	178.75	2,356.77	2,324.62	32.15	73.294		
4,700.00	4,397.34	4,078.05	4,031.38	31.21	17.17	-171.83	853.86	183.08	2,409.90	2,377.07	32.83	73.412		
4,800.00	4,489.09	4,162.77	4,114.98	31.98	17.54	-171.84	866.91	187.40	2,463.03	2,429.48	33.55	73.411		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,247.48	4,198.57	32.75	17.92	-171.85	879.97	191.73	2,516.16	2,481.88	34.28	73.410		
5,000.00	4,672.60	4,332.20	4,282.16	33.52	18.29	-171.86	893.03	196.06	2,569.28	2,534.28	35.00	73.408		
5,100.00	4,764.36	4,416.92	4,365.76	34.29	18.67	-171.87	906.08	200.39	2,622.41	2,586.69	35.72	73.406		
5,200.00	4,856.12	4,501.64	4,449.35	35.06	19.04	-171.89	919.14	204.72	2,675.54	2,639.09	36.45	73.403		
5,300.00	4,947.87	4,586.36	4,532.95	35.83	19.42	-171.90	932.20	209.04	2,728.67	2,691.49	37.18	73.399		
5,400.00	5,039.63	4,671.08	4,616.54	36.60	19.79	-171.90	945.26	213.37	2,781.80	2,743.90	37.90	73.395		
5,500.00	5,131.38	4,755.79	4,700.14	37.37	20.17	-171.91	958.31	217.70	2,834.93	2,796.30	38.63	73.391		
5,600.00	5,223.14	4,840.51	4,783.73	38.14	20.54	-171.92	971.37	222.03	2,888.06	2,848.70	39.35	73.386		
5,700.00	5,314.89	4,925.23	4,867.32	38.91	20.92	-171.93	984.43	226.35	2,941.18	2,901.10	40.08	73.380		
5,800.00	5,406.65	5,009.95	4,950.92	39.69	21.30	-171.94	997.48	230.68	2,994.31	2,953.50	40.81	73.374		
5,900.00	5,498.41	5,105.33	5,034.51	40.46	21.72	-171.95	1,010.54	235.01	3,047.44	3,005.86	41.58	73.296		
6,000.00	5,590.16	5,179.39	5,118.11	41.23	22.05	-171.96	1,023.60	239.34	3,100.57	3,058.31	42.26	73.362		
6,100.00	5,681.92	5,264.11	5,201.70	42.00	22.42	-171.96	1,036.65	243.66	3,153.70	3,110.71	42.99	73.355		
6,200.00	5,773.67	5,348.82	5,285.30	42.77	22.80	-171.97	1,049.71	247.99	3,206.83	3,163.11	43.72	73.348		
6,300.00	5,865.43	5,433.54	5,368.89	43.54	23.17	-171.98	1,062.77	252.32	3,259.96	3,215.51	44.45	73.340		
6,400.00	5,957.18	5,518.26	5,452.48	44.31	23.55	-171.98	1,075.83	256.65	3,313.08	3,267.91	45.18	73.332		
6,500.00	6,048.94	5,602.98	5,536.08	45.09	23.92	-171.99	1,088.88	260.97	3,366.21	3,320.31	45.91	73.324		
6,600.00	6,140.70	5,687.70	5,619.67	45.86	24.30	-172.00	1,101.94	265.30	3,419.34	3,372.70	46.64	73.316		
6,700.00	6,232.45	5,772.42	5,703.27	46.63	24.68	-172.00	1,115.00	269.63	3,472.47	3,425.10	47.37	73.307		
6,800.00	6,324.21	5,857.13	5,786.86	47.40	25.05	-172.01	1,128.05	273.96	3,525.60	3,477.50	48.10	73.299		
6,900.00	6,415.96	5,941.85	5,870.46	48.17	25.43	-172.01	1,141.11	278.28	3,578.73	3,529.90	48.83	73.290		
7,000.00	6,507.72	6,026.57	5,954.05	48.94	25.80	-172.02	1,154.17	282.61	3,631.86	3,582.30	49.56	73.280		
7,100.00	6,599.48	6,111.29	6,037.64	49.72	26.18	-172.03	1,167.22	286.94	3,684.99	3,634.70	50.29	73.271		
7,200.00	6,691.23	6,203.99	6,121.24	50.49	26.59	-172.03	1,180.28	291.27	3,738.12	3,687.06	51.06	73.217		
7,300.00	6,782.99	6,280.73	6,204.83	51.26	26.93	-172.04	1,193.34	295.60	3,791.25	3,739.49	51.76	73.251		
7,400.00	6,874.74	6,365.45	6,288.43	52.03	27.31	-172.04	1,206.40	299.92	3,844.38	3,791.89	52.49	73.241		
7,500.00	6,966.50	6,450.16	6,372.02	52.80	27.68	-172.05	1,219.45	304.25	3,897.50	3,844.28	53.22	73.231		
7,600.00	7,058.25	6,534.88	6,456.62	53.57	28.06	-172.05	1,232.51	308.58	3,950.63	3,896.68	53.96	73.220		
7,700.00	7,150.01	6,619.60	6,539.21	54.35	28.43	-172.06	1,245.57	312.91	4,003.76	3,949.07	54.69	73.209		
7,800.00	7,241.77	6,704.32	6,622.80	55.12	28.81	-172.06	1,258.62	317.23	4,056.89	4,001.47	55.42	73.198		
7,900.00	7,333.52	6,789.04	6,706.40	55.89	29.18	-172.06	1,271.68	321.56	4,110.02	4,053.86	56.16	73.187		
8,000.00	7,425.28	6,873.76	6,789.99	56.66	29.56	-172.07	1,284.74	325.89	4,163.15	4,106.26	56.89	73.176		
8,029.56	7,452.40	6,898.80	6,814.71	56.89	29.67	-172.07	1,288.60	327.17	4,178.86	4,121.75	57.11	73.173		
8,050.00	7,471.13	6,916.11	6,831.79	57.05	29.75	-166.18	1,291.27	328.05	4,189.71	4,132.45	57.26	73.170		
8,100.00	7,516.65	6,958.34	6,873.45	57.44	29.93	-152.64	1,297.77	330.21	4,216.15	4,158.51	57.63	73.156		
8,150.00	7,561.46	7,000.12	6,914.68	57.84	30.12	-140.72	1,304.21	332.34	4,242.28	4,184.27	58.01	73.136		
8,200.00	7,605.22	7,041.14	6,955.16	58.24	30.30	-130.56	1,310.54	334.44	4,267.92	4,209.54	58.38	73.111		
8,250.00	7,647.60	7,081.10	6,994.58	58.63	30.48	-122.02	1,316.69	336.48	4,292.92	4,234.18	58.74	73.082		
8,300.00	7,688.27	7,119.68	7,032.65	59.02	30.65	-114.86	1,322.64	338.45	4,317.14	4,258.04	59.10	73.050		
8,350.00	7,726.93	7,156.59	7,069.07	59.40	30.81	-108.83	1,328.33	340.34	4,340.44	4,280.99	59.45	73.014		
8,400.00	7,763.27	7,208.45	7,103.57	59.77	31.04	-103.75	1,333.72	342.12	4,362.71	4,302.86	59.85	72.892		
8,450.00	7,797.04	7,224.29	7,135.88	60.13	31.11	-99.44	1,338.76	343.80	4,383.84	4,323.73	60.12	72.919		
8,500.00	7,827.95	7,254.57	7,165.76	60.49	31.25	-95.78	1,343.43	345.34	4,403.76	4,343.31	60.45	72.854		
8,550.00	7,855.79	7,282.16	7,192.98	60.83	31.37	-92.67	1,347.68	346.75	4,422.36	4,361.59	60.77	72.772		
8,600.00	7,880.34	7,306.84	7,217.33	61.16	31.48	-90.02	1,351.49	348.01	4,439.59	4,378.50	61.09	72.669		
8,650.00	7,901.41	7,328.43	7,238.63	61.49	31.58	-87.79	1,354.81	349.11	4,455.37	4,393.96	61.42	72.540		
8,700.00	7,918.85	7,346.75	7,256.71	61.80	31.66	-85.92	1,357.64	350.05	4,469.66	4,407.91	61.75	72.383		
8,750.00	7,932.51	7,361.69	7,271.45	62.09	31.72	-84.37	1,359.94	350.81	4,482.39	4,420.30	62.09	72.196		
8,800.00	7,942.31	7,373.11	7,282.72	62.38	31.77	-83.12	1,361.70	351.40	4,493.51	4,431.08	62.43	71.979		
8,850.00	7,948.15	7,380.94	7,290.44	62.66	31.81	-82.16	1,362.91	351.80	4,502.99	4,440.21	62.78	71.731		
8,898.08	7,950.00	7,389.55	7,295.00	62.91	31.84	-81.98	1,364.55	352.40	4,506.89	4,443.31	63.10	71.483		
8,900.00	7,950.00	7,371.47	7,285.00	62.92	31.84	-81.98	1,364.55	352.40	4,506.89	4,443.31	63.10	71.483		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	8,471.47	7,875.00	63.47	39.70	-88.98	1,444.11	1,099.31	4,506.58	4,429.19	77.39	58.230		
9,100.00	7,950.00	8,571.47	7,875.00	64.09	41.10	-88.98	1,442.70	1,199.30	4,506.28	4,425.86	80.42	56.037		
9,200.00	7,950.00	8,671.47	7,875.00	64.78	42.63	-88.98	1,441.29	1,299.29	4,505.98	4,422.30	83.68	53.850		
9,300.00	7,950.00	8,771.47	7,875.00	65.55	44.28	-88.98	1,439.89	1,399.28	4,505.67	4,418.52	87.15	51.701		
9,400.00	7,950.00	8,871.47	7,875.00	66.41	46.05	-88.98	1,438.48	1,499.27	4,505.37	4,414.56	90.81	49.615		
9,500.00	7,950.00	8,971.47	7,875.00	67.35	47.91	-88.98	1,437.07	1,599.26	4,505.07	4,410.44	94.63	47.607		
9,600.00	7,950.00	9,071.47	7,875.00	68.38	49.85	-88.98	1,435.66	1,699.25	4,504.76	4,406.16	98.60	45.687		
9,700.00	7,950.00	9,171.47	7,875.00	69.50	51.86	-88.98	1,434.25	1,799.24	4,504.46	4,401.76	102.70	43.861		
9,800.00	7,950.00	9,271.47	7,875.00	70.71	53.94	-88.98	1,432.85	1,899.23	4,504.16	4,397.24	106.91	42.130		
9,900.00	7,950.00	9,371.47	7,875.00	72.01	56.08	-88.98	1,431.44	1,999.22	4,503.85	4,392.63	111.22	40.493		
10,000.00	7,950.00	9,471.47	7,875.00	73.40	58.26	-88.98	1,430.03	2,099.21	4,503.55	4,387.92	115.63	38.948		
10,100.00	7,950.00	9,571.47	7,875.00	74.87	60.49	-88.98	1,428.62	2,199.20	4,503.24	4,383.13	120.11	37.492		
10,200.00	7,950.00	9,671.46	7,875.00	76.42	62.75	-88.98	1,427.21	2,299.19	4,502.94	4,378.27	124.67	36.119		
10,300.00	7,950.00	9,771.46	7,875.00	78.05	65.05	-88.98	1,425.81	2,399.18	4,502.64	4,373.35	129.29	34.827		
10,400.00	7,950.00	9,871.46	7,875.00	79.75	67.38	-88.98	1,424.40	2,499.17	4,502.33	4,368.37	133.96	33.608		
10,500.00	7,950.00	9,971.46	7,875.00	81.52	69.74	-88.98	1,422.99	2,599.16	4,502.03	4,363.34	138.69	32.460		
10,600.00	7,950.00	10,071.46	7,875.00	83.35	72.13	-88.98	1,421.58	2,699.15	4,501.73	4,358.26	143.47	31.378		
10,700.00	7,950.00	10,171.46	7,875.00	85.24	74.53	-88.98	1,420.17	2,799.14	4,501.42	4,353.14	148.28	30.357		
10,800.00	7,950.00	10,271.46	7,875.00	87.18	76.96	-88.98	1,418.76	2,899.13	4,501.12	4,347.98	153.14	29.392		
10,900.00	7,950.00	10,371.46	7,875.00	89.18	79.40	-88.98	1,417.36	2,999.12	4,500.82	4,342.79	158.03	28.481		
11,000.00	7,950.00	10,471.46	7,875.00	91.22	81.86	-88.98	1,415.95	3,099.11	4,500.51	4,337.56	162.95	27.619		
11,100.00	7,950.00	10,571.46	7,875.00	93.30	84.33	-88.98	1,414.54	3,199.10	4,500.21	4,332.31	167.90	26.803		
11,200.00	7,950.00	10,671.46	7,875.00	95.43	86.82	-88.98	1,413.13	3,299.09	4,499.91	4,327.03	172.88	26.030		
11,300.00	7,950.00	10,771.46	7,875.00	97.58	89.32	-88.98	1,411.72	3,399.08	4,499.60	4,321.73	177.88	25.296		
11,400.00	7,950.00	10,871.46	7,875.00	99.78	91.83	-88.98	1,410.32	3,499.06	4,499.30	4,316.40	182.90	24.600		
11,500.00	7,950.00	10,971.46	7,875.00	102.00	94.35	-88.98	1,408.91	3,599.05	4,498.99	4,311.05	187.94	23.938		
11,600.00	7,950.00	11,071.46	7,875.00	104.25	96.88	-88.98	1,407.50	3,699.04	4,498.69	4,305.69	193.00	23.309		
11,700.00	7,950.00	11,171.46	7,875.00	106.52	99.42	-88.98	1,406.09	3,799.03	4,498.39	4,300.31	198.08	22.710		
11,800.00	7,950.00	11,271.46	7,875.00	108.82	101.97	-88.98	1,404.68	3,899.02	4,498.08	4,294.91	203.17	22.139		
11,900.00	7,950.00	11,371.46	7,875.00	111.14	104.53	-88.98	1,403.28	3,999.01	4,497.78	4,289.50	208.28	21.594		
12,000.00	7,950.00	11,471.46	7,875.00	113.48	107.09	-88.98	1,401.87	4,099.00	4,497.48	4,284.07	213.41	21.075		
12,100.00	7,950.00	11,571.46	7,875.00	115.84	109.66	-88.98	1,400.46	4,198.99	4,497.17	4,278.63	218.54	20.578		
12,200.00	7,950.00	11,671.46	7,875.00	118.21	112.23	-88.98	1,399.05	4,298.98	4,496.87	4,273.18	223.69	20.103		
12,300.00	7,950.00	11,771.46	7,875.00	120.61	114.82	-88.98	1,397.64	4,398.97	4,496.57	4,267.72	228.85	19.649		
12,400.00	7,950.00	11,871.45	7,875.00	123.01	117.40	-88.98	1,396.24	4,498.96	4,496.26	4,262.24	234.02	19.213		
12,500.00	7,950.00	11,971.45	7,875.00	125.43	119.99	-88.98	1,394.83	4,598.95	4,495.96	4,256.76	239.20	18.796		
12,600.00	7,950.00	12,071.45	7,875.00	127.87	122.59	-88.98	1,393.42	4,698.94	4,495.65	4,251.27	244.39	18.396		
12,700.00	7,950.00	12,171.45	7,875.00	130.31	125.19	-88.98	1,392.01	4,798.93	4,495.35	4,245.77	249.58	18.012		
12,800.00	7,950.00	12,271.45	7,875.00	132.77	127.79	-88.98	1,390.60	4,898.92	4,495.05	4,240.26	254.79	17.642		
12,900.00	7,950.00	12,371.45	7,875.00	135.24	130.40	-88.98	1,389.19	4,998.91	4,494.74	4,234.75	260.00	17.288		
13,000.00	7,950.00	12,471.45	7,875.00	137.71	133.01	-88.98	1,387.79	5,098.90	4,494.44	4,229.22	265.22	16.946		
13,100.00	7,950.00	12,571.45	7,875.00	140.20	135.62	-88.98	1,386.38	5,198.89	4,494.14	4,223.69	270.44	16.618		
13,200.00	7,950.00	12,671.45	7,875.00	142.69	138.24	-88.98	1,384.97	5,298.88	4,493.83	4,218.16	275.68	16.301		
13,300.00	7,950.00	12,771.45	7,875.00	145.20	140.86	-88.98	1,383.56	5,398.87	4,493.53	4,212.62	280.91	15.996		
13,400.00	7,950.00	12,871.45	7,875.00	147.71	143.49	-88.98	1,382.15	5,498.86	4,493.23	4,207.07	286.16	15.702		
13,500.00	7,950.00	12,971.45	7,875.00	150.23	146.11	-88.98	1,380.75	5,598.85	4,492.92	4,201.52	291.41	15.418		
13,600.00	7,950.00	13,071.45	7,875.00	152.75	148.74	-88.98	1,379.34	5,698.84	4,492.62	4,195.96	296.66	15.144		
13,700.00	7,950.00	13,171.45	7,875.00	155.28	151.37	-88.98	1,377.93	5,798.83	4,492.32	4,190.40	301.92	14.879		
13,800.00	7,950.00	13,271.45	7,875.00	157.82	154.00	-88.98	1,376.52	5,898.82	4,492.01	4,184.83	307.18	14.623		
13,900.00	7,950.00	13,371.45	7,875.00	160.36	156.64	-88.98	1,375.11	5,998.81	4,491.71	4,179.26	312.45	14.376		
14,000.00	7,950.00	13,471.45	7,875.00	162.91	159.28	-88.98	1,373.71	6,098.80	4,491.40	4,173.68	317.72	14.136		
14,100.00	7,950.00	13,571.45	7,875.00	165.47	161.92	-88.98	1,372.30	6,198.78	4,491.10	4,168.10	323.00	13.905		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1AH - OWB - PROPOSAL 1		Offset Site Error:		0.00 usft
Survey Program: 0-MWD OWSG														Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning				
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)					
14,200.00	7,950.00	13,671.45	7,875.00	168.02	164.56	-88.98	1,370.89	6,298.77	4,490.80	4,162.52	328.28	13.680				
14,300.00	7,950.00	13,771.45	7,875.00	170.59	167.20	-88.98	1,369.48	6,398.76	4,490.49	4,156.94	333.56	13.462				
14,400.00	7,950.00	13,871.45	7,875.00	173.15	169.84	-88.98	1,368.07	6,498.75	4,490.19	4,151.35	338.84	13.252				
14,500.00	7,950.00	13,971.44	7,875.00	175.73	172.49	-88.98	1,366.66	6,598.74	4,489.89	4,145.75	344.13	13.047				
14,600.00	7,950.00	14,071.44	7,875.00	178.30	175.14	-88.98	1,365.26	6,698.73	4,489.58	4,140.16	349.43	12.848				
14,700.00	7,950.00	14,171.44	7,875.00	180.88	177.79	-88.98	1,363.85	6,798.72	4,489.28	4,134.56	354.72	12.656				
14,800.00	7,950.00	14,271.44	7,875.00	183.46	180.44	-88.98	1,362.44	6,898.71	4,488.98	4,128.96	360.02	12.469				
14,900.00	7,950.00	14,371.44	7,875.00	186.05	183.09	-88.97	1,361.03	6,998.70	4,488.67	4,123.35	365.32	12.287				
15,000.00	7,950.00	14,471.44	7,875.00	188.64	185.74	-88.97	1,359.62	7,098.69	4,488.37	4,117.75	370.62	12.110				
15,100.00	7,950.00	14,571.44	7,875.00	191.23	188.40	-88.97	1,358.22	7,198.68	4,488.06	4,112.14	375.93	11.939				
15,200.00	7,950.00	14,671.44	7,875.00	193.83	191.05	-88.97	1,356.81	7,298.67	4,487.76	4,106.52	381.24	11.772				
15,300.00	7,950.00	14,771.44	7,875.00	196.43	193.71	-88.97	1,355.40	7,398.66	4,487.46	4,100.91	386.55	11.609				
15,400.00	7,950.00	14,871.44	7,875.00	199.03	196.36	-88.97	1,353.99	7,498.65	4,487.15	4,095.30	391.86	11.451				
15,500.00	7,950.00	14,971.44	7,875.00	201.63	199.02	-88.97	1,352.58	7,598.64	4,486.85	4,089.68	397.17	11.297				
15,600.00	7,950.00	15,071.44	7,875.00	204.24	201.68	-88.97	1,351.18	7,698.63	4,486.55	4,084.06	402.49	11.147				
15,700.00	7,950.00	15,171.44	7,875.00	206.85	204.34	-88.97	1,349.77	7,798.62	4,486.24	4,078.43	407.81	11.001				
15,800.00	7,950.00	15,271.44	7,875.00	209.46	207.00	-88.97	1,348.36	7,898.61	4,485.94	4,072.81	413.13	10.858				
15,900.00	7,950.00	15,371.44	7,875.00	212.08	209.67	-88.97	1,346.95	7,998.60	4,485.64	4,067.19	418.45	10.720				
16,000.00	7,950.00	15,471.44	7,875.00	214.69	212.33	-88.97	1,345.54	8,098.59	4,485.33	4,061.56	423.77	10.584				
16,100.00	7,950.00	15,571.44	7,875.00	217.31	214.99	-88.97	1,344.14	8,198.58	4,485.03	4,055.93	429.10	10.452				
16,200.00	7,950.00	15,671.44	7,875.00	219.93	217.66	-88.97	1,342.73	8,298.57	4,484.72	4,050.30	434.43	10.323				
16,300.00	7,950.00	15,771.44	7,875.00	222.55	220.32	-88.97	1,341.32	8,398.56	4,484.42	4,044.67	439.75	10.198				
16,400.00	7,950.00	15,871.44	7,875.00	225.18	222.99	-88.97	1,339.91	8,498.55	4,484.12	4,039.03	445.08	10.075				
16,500.00	7,950.00	15,971.44	7,875.00	227.80	225.66	-88.97	1,338.50	8,598.54	4,483.81	4,033.40	450.42	9.955				
16,600.00	7,950.00	16,071.44	7,875.00	230.43	228.32	-88.97	1,337.09	8,698.53	4,483.51	4,027.76	455.75	9.838				
16,680.54	7,950.00	16,151.97	7,875.00	232.54	230.47	-88.97	1,335.96	8,779.05	4,483.27	4,023.22	460.04	9.745 SF				

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	4.40	4.40	0.00	0.01	-0.13	249.89	-0.56	249.89					
100.00	100.00	104.40	104.40	0.13	0.15	-0.13	249.89	-0.56	249.89	249.60	0.28	877.951		
200.00	200.00	204.40	204.40	0.49	0.51	-0.13	249.89	-0.56	249.89	248.89	1.00	249.497		
250.00	250.00	254.40	254.40	0.67	0.69	-0.13	249.89	-0.56	249.89	248.53	1.36	183.736 CC, ES		
300.00	300.00	301.09	301.09	0.84	0.85	-172.76	250.23	-0.26	250.68	248.98	1.70	147.534		
400.00	399.93	394.73	394.67	1.18	1.19	-172.36	252.60	1.89	256.68	254.30	2.38	107.774		
500.00	499.68	489.13	488.86	1.54	1.54	-171.62	257.21	6.07	268.50	265.41	3.08	87.073		
600.00	599.13	587.79	587.24	1.91	1.90	-170.88	262.71	11.04	284.48	280.68	3.80	74.798		
700.00	698.15	685.85	685.02	2.31	2.26	-170.31	268.18	15.99	303.89	299.36	4.53	67.148		
800.00	796.63	783.20	782.09	2.74	2.62	-169.90	273.60	20.91	326.67	321.42	5.25	62.228		
900.00	894.44	879.71	878.34	3.20	2.98	-169.62	278.98	25.78	352.79	346.82	5.97	59.045		
1,000.00	991.46	975.28	973.64	3.70	3.34	-169.45	284.31	30.60	382.21	375.51	6.70	57.042		
1,100.00	1,087.58	1,069.78	1,067.87	4.24	3.70	-169.37	289.58	35.37	414.90	407.47	7.43	55.861		
1,200.00	1,182.68	1,163.11	1,160.93	4.82	4.05	-169.35	294.78	40.08	450.81	442.65	8.15	55.285		
1,300.00	1,276.65	1,255.13	1,252.69	5.45	4.39	-169.38	299.91	44.72	489.90	481.02	8.88	55.165		
1,400.00	1,369.36	1,345.75	1,343.06	6.13	4.74	-169.44	304.96	49.29	532.13	522.52	9.61	55.396		
1,421.41	1,389.04	1,364.96	1,362.21	6.28	4.81	-169.46	306.03	50.26	541.57	531.81	9.77	55.451		
1,500.00	1,461.15	1,435.34	1,432.39	6.84	5.07	-169.65	309.96	53.81	576.50	566.18	10.33	55.823		
1,600.00	1,552.91	1,524.89	1,521.69	7.57	5.41	-169.86	314.95	58.33	620.96	609.92	11.04	56.227		
1,700.00	1,644.66	1,614.45	1,610.99	8.30	5.75	-170.05	319.94	62.85	665.42	653.66	11.76	56.562		
1,800.00	1,736.42	1,704.00	1,700.29	9.04	6.08	-170.21	324.93	67.37	709.89	697.40	12.49	56.841		
1,900.00	1,828.17	1,806.45	1,789.59	9.79	6.47	-170.35	329.93	71.89	754.36	741.09	13.26	56.873		
2,000.00	1,919.93	1,883.10	1,878.89	10.54	6.76	-170.48	334.92	76.41	798.83	784.89	13.95	57.280		
2,100.00	2,011.68	1,972.66	1,968.19	11.29	7.10	-170.59	339.91	80.93	843.31	828.63	14.68	57.453		
2,200.00	2,103.44	2,062.21	2,057.49	12.05	7.43	-170.69	344.90	85.45	887.79	872.38	15.41	57.604		
2,300.00	2,195.20	2,151.76	2,146.79	12.80	7.77	-170.78	349.89	89.96	932.27	916.12	16.15	57.735		
2,400.00	2,286.95	2,241.32	2,236.09	13.56	8.11	-170.87	354.89	94.48	976.75	959.87	16.88	57.850		
2,500.00	2,378.71	2,330.87	2,325.39	14.32	8.45	-170.94	359.88	99.00	1,021.24	1,003.61	17.62	57.952		
2,600.00	2,470.46	2,420.42	2,414.68	15.09	8.78	-171.01	364.87	103.52	1,065.72	1,047.36	18.36	58.043		
2,700.00	2,562.22	2,509.97	2,503.98	15.85	9.12	-171.08	369.86	108.04	1,110.21	1,091.11	19.10	58.123		
2,800.00	2,653.98	2,600.47	2,593.28	16.61	9.46	-171.14	374.85	112.56	1,154.70	1,134.85	19.85	58.185		
2,900.00	2,745.73	2,689.08	2,682.58	17.38	9.80	-171.19	379.85	117.08	1,199.19	1,178.60	20.58	58.260		
3,000.00	2,837.49	2,778.63	2,771.88	18.14	10.14	-171.24	384.84	121.60	1,243.68	1,222.35	21.33	58.319		
3,100.00	2,929.24	2,868.19	2,861.18	18.91	10.47	-171.29	389.83	126.12	1,288.17	1,266.10	22.07	58.371		
3,200.00	3,021.00	2,957.74	2,950.48	19.67	10.81	-171.34	394.82	130.63	1,332.66	1,309.84	22.81	58.419		
3,300.00	3,112.75	3,047.29	3,039.78	20.44	11.15	-171.38	399.82	135.15	1,377.15	1,353.59	23.56	58.463		
3,400.00	3,204.51	3,136.85	3,129.08	21.21	11.49	-171.42	404.81	139.67	1,421.64	1,397.34	24.30	58.503		
3,500.00	3,296.27	3,226.40	3,218.38	21.98	11.82	-171.45	409.80	144.19	1,466.13	1,441.09	25.05	58.539		
3,600.00	3,388.02	3,315.95	3,307.68	22.74	12.16	-171.49	414.79	148.71	1,510.63	1,484.84	25.79	58.573		
3,700.00	3,479.78	3,405.50	3,396.98	23.51	12.50	-171.52	419.78	153.23	1,555.12	1,528.58	26.54	58.603		
3,800.00	3,571.53	3,495.06	3,486.28	24.28	12.84	-171.55	424.78	157.75	1,599.61	1,572.33	27.28	58.632		
3,900.00	3,663.29	3,584.61	3,575.58	25.05	13.18	-171.58	429.77	162.27	1,644.11	1,616.08	28.03	58.657		
4,000.00	3,755.05	3,674.16	3,664.88	25.82	13.51	-171.61	434.76	166.79	1,688.60	1,659.83	28.78	58.681		
4,100.00	3,846.80	3,763.72	3,754.18	26.59	13.85	-171.63	439.75	171.30	1,733.10	1,703.57	29.52	58.703		
4,200.00	3,938.56	3,853.27	3,843.47	27.36	14.19	-171.66	444.74	175.82	1,777.59	1,747.32	30.27	58.724		
4,300.00	4,030.31	3,942.82	3,932.77	28.13	14.53	-171.68	449.74	180.34	1,822.09	1,791.07	31.02	58.742		
4,400.00	4,122.07	4,032.37	4,022.07	28.90	14.86	-171.70	454.73	184.86	1,866.58	1,834.82	31.77	58.760		
4,500.00	4,213.82	4,121.93	4,111.37	29.67	15.20	-171.73	459.72	189.38	1,911.08	1,878.57	32.51	58.776		
4,600.00	4,305.58	4,211.48	4,200.67	30.44	15.54	-171.75	464.71	193.90	1,955.58	1,922.31	33.26	58.791		
4,700.00	4,397.34	4,301.03	4,289.97	31.21	15.88	-171.77	469.70	198.42	2,000.07	1,966.06	34.01	58.804		
4,800.00	4,489.09	4,409.42	4,379.27	31.98	16.29	-171.78	474.70	202.94	2,044.57	2,009.74	34.83	58.700		
4,900.00	4,580.85	4,480.14	4,468.57	32.75	16.55	-171.80	479.69	207.46	2,089.07	2,053.55	35.51	58.829		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,672.60	4,569.69	4,557.87	33.52	16.89	-171.82	484.68	211.97	2,133.56	2,097.30	36.26	58.840		
5,100.00	4,764.36	4,659.24	4,647.17	34.29	17.23	-171.84	489.67	216.49	2,178.06	2,141.05	37.01	58.850		
5,200.00	4,856.12	4,748.80	4,736.47	35.06	17.57	-171.85	494.67	221.01	2,222.56	2,184.80	37.76	58.859		
5,300.00	4,947.87	4,838.35	4,825.77	35.83	17.91	-171.87	499.66	225.53	2,267.05	2,228.54	38.51	58.868		
5,400.00	5,039.63	4,927.90	4,915.07	36.60	18.24	-171.88	504.65	230.05	2,311.55	2,272.29	39.26	58.875		
5,500.00	5,131.38	5,017.46	5,004.37	37.37	18.58	-171.89	509.64	234.57	2,356.05	2,316.04	40.01	58.883		
5,600.00	5,223.14	5,107.01	5,093.67	38.14	18.92	-171.91	514.63	239.09	2,400.55	2,359.78	40.76	58.889		
5,700.00	5,314.89	5,196.56	5,182.96	38.91	19.26	-171.92	519.63	243.61	2,445.04	2,403.53	41.52	58.895		
5,800.00	5,406.65	5,286.11	5,272.26	39.69	19.60	-171.93	524.62	248.13	2,489.54	2,447.27	42.27	58.901		
5,900.00	5,498.41	5,375.67	5,361.56	40.46	19.93	-171.95	529.61	252.64	2,534.04	2,491.02	43.02	58.906		
6,000.00	5,590.16	5,465.22	5,450.86	41.23	20.27	-171.96	534.60	257.16	2,578.54	2,534.77	43.77	58.910		
6,100.00	5,681.92	5,554.77	5,540.16	42.00	20.61	-171.97	539.59	261.68	2,623.04	2,578.51	44.52	58.914		
6,200.00	5,773.67	5,644.33	5,629.46	42.77	20.95	-171.98	544.59	266.20	2,667.53	2,622.26	45.28	58.918		
6,300.00	5,865.43	5,733.88	5,718.76	43.54	21.29	-171.99	549.58	270.72	2,712.03	2,666.00	46.03	58.921		
6,400.00	5,957.18	5,823.43	5,808.06	44.31	21.62	-172.00	554.57	275.24	2,756.53	2,709.75	46.78	58.924		
6,500.00	6,048.94	5,912.98	5,897.36	45.09	21.96	-172.01	559.56	279.76	2,801.03	2,753.49	47.53	58.927		
6,600.00	6,140.70	6,002.54	5,986.66	45.86	22.30	-172.02	564.55	284.28	2,845.53	2,797.24	48.29	58.929		
6,700.00	6,232.45	6,107.91	6,075.96	46.63	22.70	-172.03	569.55	288.80	2,890.03	2,840.93	49.10	58.960		
6,800.00	6,324.21	6,181.64	6,165.26	47.40	22.97	-172.04	574.54	293.32	2,934.52	2,884.73	49.80	58.932		
6,900.00	6,415.96	6,271.20	6,254.56	48.17	23.31	-172.05	579.53	297.83	2,979.02	2,928.47	50.55	58.933		
7,000.00	6,507.72	6,360.75	6,343.86	48.94	23.65	-172.06	584.52	302.35	3,023.52	2,972.22	51.30	58.934		
7,100.00	6,599.48	6,450.30	6,433.16	49.72	23.99	-172.06	589.51	306.87	3,068.02	3,015.96	52.06	58.934		
7,200.00	6,691.23	6,539.85	6,522.45	50.49	24.33	-172.07	594.51	311.39	3,112.52	3,059.71	52.81	58.935		
7,300.00	6,782.99	6,629.41	6,611.75	51.26	24.66	-172.08	599.50	315.91	3,157.02	3,103.45	53.57	58.935		
7,400.00	6,874.74	6,718.96	6,701.05	52.03	25.00	-172.09	604.49	320.43	3,201.52	3,147.19	54.32	58.935		
7,500.00	6,966.50	6,808.51	6,790.35	52.80	25.34	-172.09	609.48	324.95	3,246.01	3,190.94	55.08	58.934		
7,600.00	7,058.25	6,901.93	6,879.65	53.57	25.69	-172.10	614.48	329.47	3,290.51	3,234.66	55.85	58.918		
7,700.00	7,150.01	6,987.62	6,968.95	54.35	26.02	-172.11	619.47	333.99	3,335.01	3,278.42	56.59	58.932		
7,800.00	7,241.77	7,077.17	7,058.25	55.12	26.35	-172.12	624.46	338.50	3,379.51	3,322.16	57.35	58.931		
7,900.00	7,333.52	7,166.72	7,147.55	55.89	26.69	-172.12	629.45	343.02	3,424.01	3,365.91	58.10	58.930		
8,000.00	7,425.28	7,256.28	7,236.85	56.66	27.03	-172.13	634.44	347.54	3,468.51	3,409.65	58.86	58.928		
8,029.56	7,452.40	7,282.75	7,263.25	56.89	27.13	-172.13	635.92	348.88	3,481.67	3,422.58	59.08	58.928		
8,050.00	7,471.13	7,301.05	7,281.50	57.05	27.20	-166.51	636.94	349.80	3,490.75	3,431.52	59.24	58.927		
8,100.00	7,516.65	7,345.67	7,325.99	57.44	27.37	-153.62	639.43	352.05	3,512.89	3,453.27	59.62	58.922		
8,150.00	7,561.46	7,389.82	7,370.02	57.84	27.53	-142.34	641.89	354.28	3,534.77	3,474.78	60.00	58.914		
8,200.00	7,605.22	7,434.46	7,414.53	58.24	27.70	-132.80	644.38	356.59	3,556.26	3,495.88	60.38	58.895		
8,250.00	7,647.60	7,486.63	7,466.28	58.63	27.91	-124.87	647.22	362.33	3,577.15	3,516.31	60.84	58.797		
8,300.00	7,688.27	7,540.91	7,519.35	59.02	28.14	-118.25	650.07	373.28	3,597.27	3,535.94	61.33	58.650		
8,350.00	7,726.93	7,597.59	7,573.41	59.40	28.40	-112.72	652.90	390.02	3,616.45	3,554.57	61.88	58.446		
8,400.00	7,763.27	7,656.98	7,627.98	59.77	28.68	-108.09	655.66	413.21	3,634.54	3,572.07	62.47	58.177		
8,450.00	7,797.04	7,719.33	7,682.38	60.13	29.01	-104.21	658.32	443.49	3,651.39	3,588.24	63.14	57.826		
8,500.00	7,827.95	7,784.82	7,735.63	60.49	29.38	-100.95	660.80	481.47	3,666.85	3,602.95	63.90	57.387		
8,550.00	7,855.79	7,853.53	7,786.47	60.83	29.80	-98.23	663.02	527.58	3,680.77	3,616.02	64.75	56.846		
8,600.00	7,880.34	7,925.35	7,833.33	61.16	30.31	-95.97	664.91	581.92	3,693.04	3,627.30	65.74	56.179		
8,650.00	7,901.41	8,000.00	7,874.45	61.49	30.91	-94.12	666.36	644.14	3,703.51	3,636.65	66.86	55.388		
8,700.00	7,918.85	8,076.94	7,908.02	61.80	31.62	-92.64	667.29	713.29	3,712.09	3,643.92	68.17	54.455		
8,750.00	7,932.51	8,155.39	7,932.42	62.09	32.45	-91.48	667.62	787.79	3,718.69	3,649.06	69.63	53.409		
8,800.00	7,942.31	8,234.42	7,946.50	62.38	33.39	-90.64	667.32	865.49	3,723.24	3,652.01	71.23	52.268		
8,850.00	7,948.15	8,307.49	7,950.00	62.66	34.32	-90.09	666.49	938.43	3,725.73	3,652.88	72.84	51.148		
8,898.08	7,950.00	8,355.51	7,950.00	62.91	34.99	-89.93	665.82	986.44	3,726.38	3,652.30	74.08	50.302		
8,900.00	7,950.00	8,357.43	7,950.00	62.92	35.02	-89.93	665.79	988.37	3,726.37	3,652.24	74.13	50.268		
9,000.00	7,950.00	8,457.43	7,950.00	63.47	36.49	-89.93	664.38	1,088.36	3,726.07	3,649.16	76.90	48.452		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,950.00	8,557.43	7,950.00	64.09	38.10	-89.93	662.97	1,188.35	3,725.76	3,645.82	79.94	46.606		
9,200.00	7,950.00	8,657.43	7,950.00	64.78	39.83	-89.93	661.57	1,288.34	3,725.46	3,642.24	83.22	44.767		
9,300.00	7,950.00	8,757.43	7,950.00	65.55	41.66	-89.93	660.16	1,388.32	3,725.15	3,638.45	86.71	42.962		
9,400.00	7,950.00	8,857.43	7,950.00	66.41	43.58	-89.93	658.75	1,488.31	3,724.85	3,634.47	90.38	41.213		
9,500.00	7,950.00	8,957.43	7,950.00	67.35	45.58	-89.93	657.34	1,588.30	3,724.55	3,630.33	94.22	39.530		
9,600.00	7,950.00	9,057.43	7,950.00	68.38	47.65	-89.93	655.93	1,688.29	3,724.24	3,626.04	98.20	37.924		
9,700.00	7,950.00	9,157.43	7,950.00	69.50	49.78	-89.93	654.52	1,788.28	3,723.94	3,621.62	102.32	36.397		
9,800.00	7,950.00	9,257.43	7,950.00	70.71	51.97	-89.93	653.11	1,888.27	3,723.63	3,617.09	106.54	34.950		
9,900.00	7,950.00	9,357.43	7,950.00	72.01	54.20	-89.93	651.70	1,988.26	3,723.33	3,612.46	110.87	33.584		
10,000.00	7,950.00	9,457.43	7,950.00	73.40	56.47	-89.93	650.30	2,088.25	3,723.02	3,607.74	115.28	32.295		
10,100.00	7,950.00	9,557.43	7,950.00	74.87	58.77	-89.93	648.89	2,188.24	3,722.72	3,602.94	119.78	31.080		
10,200.00	7,950.00	9,657.43	7,950.00	76.42	61.11	-89.93	647.48	2,288.23	3,722.42	3,598.07	124.34	29.937		
10,300.00	7,950.00	9,757.43	7,950.00	78.05	63.48	-89.93	646.07	2,388.22	3,722.11	3,593.14	128.97	28.860		
10,400.00	7,950.00	9,857.43	7,950.00	79.75	65.87	-89.93	644.66	2,488.21	3,721.81	3,588.15	133.66	27.846		
10,500.00	7,950.00	9,957.43	7,950.00	81.52	68.28	-89.93	643.25	2,588.20	3,721.50	3,583.11	138.40	26.890		
10,600.00	7,950.00	10,057.43	7,950.00	83.35	70.72	-89.93	641.84	2,688.19	3,721.20	3,578.02	143.18	25.990		
10,700.00	7,950.00	10,157.43	7,950.00	85.24	73.17	-89.93	640.43	2,788.18	3,720.89	3,572.89	148.00	25.141		
10,800.00	7,950.00	10,257.43	7,950.00	87.18	75.64	-89.93	639.03	2,888.17	3,720.59	3,567.72	152.87	24.339		
10,900.00	7,950.00	10,357.43	7,950.00	89.18	78.13	-89.93	637.62	2,988.16	3,720.29	3,562.52	157.76	23.582		
11,000.00	7,950.00	10,457.42	7,950.00	91.22	80.62	-89.93	636.21	3,088.15	3,719.98	3,557.29	162.69	22.866		
11,100.00	7,950.00	10,557.42	7,950.00	93.30	83.13	-89.93	634.80	3,188.14	3,719.68	3,552.03	167.65	22.188		
11,200.00	7,950.00	10,657.42	7,950.00	95.43	85.66	-89.93	633.39	3,288.13	3,719.37	3,546.75	172.63	21.546		
11,300.00	7,950.00	10,757.42	7,950.00	97.58	88.19	-89.93	631.98	3,388.12	3,719.07	3,541.44	177.63	20.937		
11,400.00	7,950.00	10,857.42	7,950.00	99.78	90.73	-89.93	630.57	3,488.11	3,718.76	3,536.10	182.66	20.359		
11,500.00	7,950.00	10,957.42	7,950.00	102.00	93.28	-89.93	629.16	3,588.10	3,718.46	3,530.75	187.71	19.810		
11,600.00	7,950.00	11,057.42	7,950.00	104.25	95.84	-89.93	627.76	3,688.09	3,718.16	3,525.38	192.77	19.288		
11,700.00	7,950.00	11,157.42	7,950.00	106.52	98.40	-89.93	626.35	3,788.08	3,717.85	3,519.99	197.86	18.791		
11,800.00	7,950.00	11,257.42	7,950.00	108.82	100.98	-89.93	624.94	3,888.07	3,717.55	3,514.59	202.96	18.317		
11,900.00	7,950.00	11,357.42	7,950.00	111.14	103.56	-89.93	623.53	3,988.05	3,717.24	3,509.17	208.07	17.865		
12,000.00	7,950.00	11,457.42	7,950.00	113.48	106.14	-89.93	622.12	4,088.04	3,716.94	3,503.74	213.20	17.434		
12,100.00	7,950.00	11,557.42	7,950.00	115.84	108.73	-89.93	620.71	4,188.03	3,716.63	3,498.30	218.34	17.023		
12,200.00	7,950.00	11,657.42	7,950.00	118.21	111.32	-89.93	619.30	4,288.02	3,716.33	3,492.84	223.49	16.629		
12,300.00	7,950.00	11,757.42	7,950.00	120.61	113.92	-89.93	617.90	4,388.01	3,716.03	3,487.38	228.65	16.252		
12,400.00	7,950.00	11,857.42	7,950.00	123.01	116.53	-89.93	616.49	4,488.00	3,715.72	3,481.90	233.82	15.891		
12,500.00	7,950.00	11,957.42	7,950.00	125.43	119.14	-89.93	615.08	4,587.99	3,715.42	3,476.41	239.01	15.545		
12,600.00	7,950.00	12,057.42	7,950.00	127.87	121.75	-89.93	613.67	4,687.98	3,715.11	3,470.92	244.20	15.214		
12,700.00	7,950.00	12,157.42	7,950.00	130.31	124.36	-89.93	612.26	4,787.97	3,714.81	3,465.41	249.40	14.895		
12,800.00	7,950.00	12,257.42	7,950.00	132.77	126.98	-89.93	610.85	4,887.96	3,714.50	3,459.90	254.60	14.589		
12,900.00	7,950.00	12,357.42	7,950.00	135.24	129.60	-89.93	609.44	4,987.95	3,714.20	3,454.38	259.82	14.295		
13,000.00	7,950.00	12,457.42	7,950.00	137.71	132.23	-89.93	608.03	5,087.94	3,713.90	3,448.86	265.04	14.013		
13,100.00	7,950.00	12,557.41	7,950.00	140.20	134.85	-89.93	606.63	5,187.93	3,713.59	3,443.32	270.27	13.740		
13,200.00	7,950.00	12,657.41	7,950.00	142.69	137.48	-89.93	605.22	5,287.92	3,713.29	3,437.78	275.50	13.478		
13,300.00	7,950.00	12,757.41	7,950.00	145.20	140.12	-89.93	603.81	5,387.91	3,712.98	3,432.24	280.75	13.225		
13,400.00	7,950.00	12,857.41	7,950.00	147.71	142.75	-89.93	602.40	5,487.90	3,712.68	3,426.69	285.99	12.982		
13,500.00	7,950.00	12,957.41	7,950.00	150.23	145.39	-89.93	600.99	5,587.89	3,712.37	3,421.13	291.24	12.747		
13,600.00	7,950.00	13,057.41	7,950.00	152.75	148.03	-89.93	599.58	5,687.88	3,712.07	3,415.57	296.50	12.520		
13,700.00	7,950.00	13,157.41	7,950.00	155.28	150.67	-89.93	598.17	5,787.87	3,711.77	3,410.01	301.76	12.300		
13,800.00	7,950.00	13,257.41	7,950.00	157.82	153.31	-89.93	596.76	5,887.86	3,711.46	3,404.44	307.03	12.088		
13,900.00	7,950.00	13,357.41	7,950.00	160.36	155.96	-89.93	595.36	5,987.85	3,711.16	3,398.86	312.30	11.883		
14,000.00	7,950.00	13,457.41	7,950.00	162.91	158.60	-89.93	593.95	6,087.84	3,710.85	3,393.28	317.57	11.685		
14,100.00	7,950.00	13,557.41	7,950.00	165.47	161.25	-89.93	592.54	6,187.83	3,710.55	3,387.70	322.85	11.493		
14,200.00	7,950.00	13,657.41	7,950.00	168.02	163.90	-89.93	591.13	6,287.82	3,710.24	3,382.12	328.13	11.307		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - PROSPER FARMS 4-65 14-13 1BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,950.00	13,757.41	7,950.00	170.59	166.55	-89.93	589.72	6,387.81	3,709.94	3,376.53	333.41	11.127		
14,400.00	7,950.00	13,857.41	7,950.00	173.15	169.21	-89.93	588.31	6,487.80	3,709.64	3,370.94	338.70	10.953		
14,500.00	7,950.00	13,957.41	7,950.00	175.73	171.86	-89.93	586.90	6,587.78	3,709.33	3,365.34	343.99	10.783		
14,600.00	7,950.00	14,057.41	7,950.00	178.30	174.52	-89.93	585.49	6,687.77	3,709.03	3,359.74	349.29	10.619		
14,700.00	7,950.00	14,157.41	7,950.00	180.88	177.17	-89.93	584.09	6,787.76	3,708.72	3,354.14	354.58	10.459		
14,800.00	7,950.00	14,257.41	7,950.00	183.46	179.83	-89.93	582.68	6,887.75	3,708.42	3,348.54	359.88	10.305		
14,900.00	7,950.00	14,357.41	7,950.00	186.05	182.49	-89.93	581.27	6,987.74	3,708.12	3,342.93	365.19	10.154		
15,000.00	7,950.00	14,457.41	7,950.00	188.64	185.15	-89.93	579.86	7,087.73	3,707.81	3,337.32	370.49	10.008		
15,100.00	7,950.00	14,557.41	7,950.00	191.23	187.81	-89.93	578.45	7,187.72	3,707.51	3,331.71	375.80	9.866		
15,200.00	7,950.00	14,657.41	7,950.00	193.83	190.47	-89.93	577.04	7,287.71	3,707.20	3,326.09	381.11	9.727		
15,300.00	7,950.00	14,757.40	7,950.00	196.43	193.13	-89.93	575.63	7,387.70	3,706.90	3,320.48	386.42	9.593		
15,400.00	7,950.00	14,857.40	7,950.00	199.03	195.80	-89.93	574.23	7,487.69	3,706.59	3,314.86	391.73	9.462		
15,500.00	7,950.00	14,957.40	7,950.00	201.63	198.46	-89.93	572.82	7,587.68	3,706.29	3,309.24	397.05	9.335		
15,600.00	7,950.00	15,057.40	7,950.00	204.24	201.13	-89.93	571.41	7,687.67	3,705.99	3,303.62	402.37	9.210		
15,700.00	7,950.00	15,157.40	7,950.00	206.85	203.79	-89.93	570.00	7,787.66	3,705.68	3,297.99	407.69	9.089		
15,800.00	7,950.00	15,257.40	7,950.00	209.46	206.46	-89.93	568.59	7,887.65	3,705.38	3,292.37	413.01	8.972		
15,900.00	7,950.00	15,357.40	7,950.00	212.08	209.13	-89.93	567.18	7,987.64	3,705.07	3,286.74	418.33	8.857		
16,000.00	7,950.00	15,457.40	7,950.00	214.69	211.79	-89.93	565.77	8,087.63	3,704.77	3,281.11	423.66	8.745		
16,100.00	7,950.00	15,557.40	7,950.00	217.31	214.46	-89.93	564.36	8,187.62	3,704.46	3,275.48	428.99	8.635		
16,200.00	7,950.00	15,657.40	7,950.00	219.93	217.13	-89.93	562.96	8,287.61	3,704.16	3,269.85	434.31	8.529		
16,300.00	7,950.00	15,757.40	7,950.00	222.55	219.80	-89.93	561.55	8,387.60	3,703.86	3,264.21	439.64	8.425		
16,400.00	7,950.00	15,857.40	7,950.00	225.18	222.47	-89.93	560.14	8,487.59	3,703.55	3,258.58	444.97	8.323		
16,500.00	7,950.00	15,957.40	7,950.00	227.80	225.14	-89.93	558.73	8,587.58	3,703.25	3,252.94	450.31	8.224		
16,600.00	7,950.00	16,057.40	7,950.00	230.43	227.82	-89.93	557.32	8,687.57	3,702.94	3,247.30	455.64	8.127		
16,680.54	7,950.00	16,137.93	7,950.00	232.54	229.97	-89.93	556.19	8,768.09	3,702.70	3,242.76	459.94	8.050 SF		

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.20	-0.20	0.00	0.00	-0.08	199.98	-0.28	199.98				
100.00	100.00	100.20	99.80	0.13	0.14	-0.08	199.98	-0.28	199.98	199.71	0.27	741.841	
200.00	200.00	200.20	199.80	0.49	0.49	-0.08	199.98	-0.28	199.98	198.99	0.99	202.713	
250.00	250.00	249.80	249.80	0.67	0.67	-0.08	199.98	-0.28	199.98	198.64	1.34	148.843 CC	
300.00	300.00	303.22	303.21	0.84	0.85	-172.73	199.52	-0.09	199.99	198.29	1.70	117.770	
400.00	399.93	410.07	409.98	1.18	1.22	-172.42	195.87	1.48	200.03	197.63	2.40	83.383	
500.00	499.68	516.88	516.49	1.54	1.60	-171.80	188.56	4.60	200.12	197.00	3.12	64.089	
600.00	599.13	623.62	622.56	1.91	2.01	-170.86	177.61	9.29	200.30	196.44	3.86	51.949 ES	
700.00	698.15	723.53	721.63	2.31	2.41	-169.93	165.67	14.39	202.29	197.70	4.59	44.119	
800.00	796.63	823.34	820.59	2.74	2.81	-169.18	153.74	19.50	207.76	202.43	5.33	39.006	
900.00	894.44	922.92	919.33	3.20	3.22	-168.64	141.84	24.59	216.67	210.59	6.08	35.650	
1,000.00	991.46	1,022.15	1,017.71	3.70	3.63	-168.31	129.98	29.66	228.99	222.16	6.84	33.500	
1,100.00	1,087.58	1,120.90	1,115.62	4.24	4.04	-168.16	118.18	34.71	244.70	237.10	7.60	32.192	
1,200.00	1,182.68	1,219.06	1,212.95	4.82	4.45	-168.16	106.45	39.73	263.78	255.41	8.37	31.505	
1,300.00	1,276.65	1,316.50	1,309.57	5.45	4.86	-168.28	94.80	44.71	286.20	277.05	9.15	31.284	
1,400.00	1,369.36	1,413.11	1,405.36	6.13	5.26	-168.50	83.26	49.65	311.94	302.02	9.93	31.423	
1,421.41	1,389.04	1,433.68	1,425.75	6.28	5.35	-168.55	80.80	50.70	317.89	307.79	10.10	31.480	
1,500.00	1,461.15	1,509.09	1,500.51	6.84	5.66	-168.82	71.79	54.55	339.98	329.27	10.71	31.754	
1,600.00	1,552.91	1,605.03	1,595.65	7.57	6.07	-169.12	60.32	59.46	368.09	356.61	11.48	32.053	
1,700.00	1,644.66	1,700.98	1,690.78	8.30	6.47	-169.38	48.86	64.36	396.22	383.95	12.27	32.303	
1,800.00	1,736.42	1,803.07	1,785.92	9.04	6.90	-169.61	37.39	69.27	424.35	411.28	13.07	32.458	
1,900.00	1,828.17	1,907.12	1,881.05	9.79	7.34	-169.80	25.92	74.17	452.49	438.60	13.89	32.572	
2,000.00	1,919.93	1,988.83	1,976.19	10.54	7.68	-169.98	14.46	79.08	480.63	466.00	14.63	32.856	
2,100.00	2,011.68	2,084.78	2,071.32	11.29	8.09	-170.13	2.99	83.98	508.78	493.36	15.42	32.994	
2,200.00	2,103.44	2,180.73	2,166.46	12.05	8.49	-170.27	-8.48	88.89	536.93	520.71	16.21	33.116	
2,300.00	2,195.20	2,276.68	2,261.59	12.80	8.90	-170.39	-19.94	93.79	565.08	548.07	17.01	33.224	
2,400.00	2,286.95	2,372.63	2,356.73	13.56	9.30	-170.51	-31.41	98.70	593.23	575.42	17.80	33.319	
2,500.00	2,378.71	2,468.58	2,451.86	14.32	9.71	-170.61	-42.88	103.60	621.38	602.78	18.60	33.405	
2,600.00	2,470.46	2,564.52	2,547.00	15.09	10.11	-170.70	-54.34	108.51	649.54	630.14	19.40	33.483	
2,700.00	2,562.22	2,660.47	2,642.13	15.85	10.52	-170.79	-65.81	113.41	677.70	657.50	20.20	33.553	
2,800.00	2,653.98	2,756.42	2,737.27	16.61	10.93	-170.87	-77.28	118.32	705.86	684.86	21.00	33.616	
2,900.00	2,745.73	2,852.37	2,832.40	17.38	11.33	-170.94	-88.74	123.22	734.02	712.22	21.80	33.675	
3,000.00	2,837.49	2,948.32	2,927.54	18.14	11.74	-171.01	-100.21	128.13	762.18	739.58	22.60	33.728	
3,100.00	2,929.24	3,044.27	3,022.67	18.91	12.14	-171.07	-111.68	133.03	790.34	766.94	23.40	33.776	
3,200.00	3,021.00	3,140.22	3,117.81	19.67	12.55	-171.13	-123.14	137.94	818.51	794.31	24.20	33.821	
3,300.00	3,112.75	3,236.17	3,212.94	20.44	12.95	-171.18	-134.61	142.84	846.67	821.67	25.00	33.863	
3,400.00	3,204.51	3,332.12	3,308.08	21.21	13.36	-171.23	-146.08	147.75	874.84	849.03	25.81	33.901	
3,500.00	3,296.27	3,428.07	3,403.21	21.98	13.77	-171.28	-157.54	152.65	903.00	876.39	26.61	33.937	
3,600.00	3,388.02	3,524.01	3,498.35	22.74	14.17	-171.32	-169.01	157.56	931.17	903.76	27.41	33.970	
3,700.00	3,479.78	3,619.96	3,593.48	23.51	14.58	-171.37	-180.48	162.46	959.33	931.12	28.21	34.001	
3,800.00	3,571.53	3,715.91	3,688.62	24.28	14.98	-171.41	-191.94	167.37	987.50	958.48	29.02	34.030	
3,900.00	3,663.29	3,811.86	3,783.75	25.05	15.39	-171.44	-203.41	172.27	1,015.67	985.85	29.82	34.058	
4,000.00	3,755.05	3,907.81	3,878.89	25.82	15.80	-171.48	-214.88	177.18	1,043.83	1,013.21	30.63	34.083	
4,100.00	3,846.80	4,003.76	3,974.02	26.59	16.20	-171.51	-226.34	182.08	1,072.00	1,040.57	31.43	34.107	
4,200.00	3,938.56	4,100.29	4,069.16	27.36	16.61	-171.54	-237.81	186.99	1,100.17	1,067.93	32.24	34.127	
4,300.00	4,030.31	4,204.34	4,164.29	28.13	17.05	-171.57	-249.28	191.89	1,128.34	1,095.27	33.07	34.117	
4,400.00	4,122.07	4,308.39	4,259.43	28.90	17.49	-171.60	-260.74	196.80	1,156.51	1,122.60	33.91	34.107	
4,500.00	4,213.82	4,387.56	4,354.56	29.67	17.83	-171.63	-272.21	201.70	1,184.68	1,150.03	34.65	34.190	
4,600.00	4,305.58	4,483.50	4,449.70	30.44	18.23	-171.66	-283.68	206.61	1,212.85	1,177.39	35.46	34.208	
4,700.00	4,397.34	4,579.45	4,544.83	31.21	18.64	-171.68	-295.14	211.51	1,241.02	1,204.76	36.26	34.224	
4,800.00	4,489.09	4,675.40	4,639.97	31.98	19.04	-171.71	-306.61	216.42	1,269.19	1,232.12	37.07	34.241	
4,900.00	4,580.85	4,771.35	4,735.10	32.75	19.45	-171.73	-318.08	221.32	1,297.36	1,259.48	37.87	34.256	

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,672.60	4,867.30	4,830.24	33.52	19.86	-171.75	-329.55	226.23	1,325.53	1,286.85	38.68	34.270		
5,100.00	4,764.36	4,963.25	4,925.37	34.29	20.26	-171.77	-341.01	231.13	1,353.70	1,314.21	39.48	34.284		
5,200.00	4,856.12	5,059.20	5,020.51	35.06	20.67	-171.79	-352.48	236.04	1,381.87	1,341.58	40.29	34.297		
5,300.00	4,947.87	5,155.15	5,115.64	35.83	21.08	-171.81	-363.95	240.94	1,410.04	1,368.94	41.10	34.310		
5,400.00	5,039.63	5,251.10	5,210.78	36.60	21.48	-171.83	-375.41	245.85	1,438.21	1,396.30	41.90	34.322		
5,500.00	5,131.38	5,347.05	5,305.91	37.37	21.89	-171.85	-386.88	250.75	1,466.38	1,423.67	42.71	34.333		
5,600.00	5,223.14	5,442.99	5,401.05	38.14	22.29	-171.87	-398.35	255.66	1,494.55	1,451.03	43.52	34.344		
5,700.00	5,314.89	5,538.94	5,496.18	38.91	22.70	-171.88	-409.81	260.56	1,522.72	1,478.40	44.32	34.354		
5,800.00	5,406.65	5,634.89	5,591.32	39.69	23.11	-171.90	-421.28	265.47	1,550.89	1,505.76	45.13	34.364		
5,900.00	5,498.41	5,730.84	5,686.45	40.46	23.51	-171.91	-432.75	270.37	1,579.06	1,533.13	45.94	34.373		
6,000.00	5,590.16	5,826.79	5,781.59	41.23	23.92	-171.93	-444.21	275.28	1,607.24	1,560.49	46.75	34.382		
6,100.00	5,681.92	5,922.74	5,876.72	42.00	24.33	-171.94	-455.68	280.18	1,635.41	1,587.85	47.55	34.391		
6,200.00	5,773.67	6,018.69	5,971.86	42.77	24.73	-171.96	-467.15	285.09	1,663.58	1,615.22	48.36	34.399		
6,300.00	5,865.43	6,114.64	6,066.99	43.54	25.14	-171.97	-478.61	289.99	1,691.75	1,642.58	49.17	34.407		
6,400.00	5,957.18	6,210.59	6,162.13	44.31	25.55	-171.98	-490.08	294.90	1,719.92	1,669.95	49.98	34.415		
6,500.00	6,048.94	6,306.54	6,257.26	45.09	25.95	-172.00	-501.55	299.80	1,748.09	1,697.31	50.78	34.422		
6,600.00	6,140.70	6,402.48	6,352.40	45.86	26.36	-172.01	-513.01	304.71	1,776.27	1,724.67	51.59	34.429		
6,700.00	6,232.45	6,501.57	6,447.53	46.63	26.78	-172.02	-524.48	309.61	1,804.44	1,752.03	52.41	34.428		
6,800.00	6,324.21	6,605.62	6,542.67	47.40	27.22	-172.03	-535.95	314.51	1,832.61	1,779.36	53.25	34.415		
6,900.00	6,415.96	6,709.67	6,637.80	48.17	27.66	-172.04	-547.41	319.42	1,860.78	1,806.69	54.09	34.402		
7,000.00	6,507.72	6,786.28	6,732.94	48.94	27.98	-172.05	-558.88	324.32	1,888.96	1,834.13	54.82	34.454		
7,100.00	6,599.48	6,882.23	6,828.07	49.72	28.39	-172.06	-570.35	329.23	1,917.13	1,861.49	55.63	34.460		
7,200.00	6,691.23	6,978.18	6,923.21	50.49	28.80	-172.07	-581.81	334.13	1,945.30	1,888.86	56.44	34.465		
7,300.00	6,782.99	7,074.13	7,018.34	51.26	29.20	-172.08	-593.28	339.04	1,973.47	1,916.22	57.25	34.471		
7,400.00	6,874.74	7,170.08	7,113.48	52.03	29.61	-172.09	-604.75	343.94	2,001.64	1,943.59	58.06	34.476		
7,500.00	6,966.50	7,266.03	7,208.61	52.80	30.02	-172.10	-616.21	348.85	2,029.82	1,970.95	58.87	34.481		
7,600.00	7,058.25	7,361.97	7,303.75	53.57	30.42	-172.11	-627.68	353.75	2,057.99	1,998.31	59.68	34.485		
7,700.00	7,150.01	7,457.92	7,398.88	54.35	30.83	-172.12	-639.15	358.66	2,086.16	2,025.68	60.49	34.490		
7,800.00	7,241.77	7,556.03	7,495.51	55.12	31.26	-171.95	-650.88	370.05	2,114.29	2,052.93	61.36	34.457		
7,900.00	7,333.52	7,649.91	7,584.87	55.89	31.71	-171.36	-661.96	396.21	2,142.44	2,080.13	62.31	34.382		
8,000.00	7,425.28	7,734.99	7,661.22	56.66	32.14	-170.49	-671.61	432.33	2,171.06	2,107.77	63.29	34.303		
8,029.56	7,452.40	7,758.12	7,680.97	56.89	32.26	-170.20	-674.14	444.08	2,179.69	2,116.12	63.58	34.285		
8,050.00	7,471.13	7,773.70	7,694.00	57.05	32.35	-164.76	-675.82	452.45	2,185.71	2,121.93	63.77	34.273		
8,100.00	7,516.65	7,811.27	7,724.47	57.44	32.55	-152.26	-679.78	474.08	2,200.44	2,136.18	64.26	34.244		
8,150.00	7,561.46	7,848.17	7,752.95	57.84	32.75	-141.31	-683.51	497.23	2,215.10	2,150.36	64.74	34.214		
8,200.00	7,605.22	7,884.50	7,779.48	58.24	32.96	-132.03	-687.04	521.79	2,229.54	2,164.31	65.23	34.178		
8,250.00	7,647.60	7,920.36	7,804.10	58.63	33.18	-124.27	-690.35	547.64	2,243.63	2,177.91	65.73	34.136		
8,300.00	7,688.27	7,955.82	7,826.82	59.02	33.40	-117.81	-693.45	574.68	2,257.24	2,191.02	66.22	34.087		
8,350.00	7,726.93	7,990.95	7,847.65	59.40	33.63	-112.40	-696.34	602.82	2,270.25	2,203.52	66.72	34.024		
8,400.00	7,763.27	8,025.80	7,866.57	59.77	33.87	-107.87	-699.02	631.95	2,282.53	2,215.29	67.24	33.945		
8,450.00	7,797.04	8,060.42	7,883.59	60.13	34.12	-104.05	-701.48	661.99	2,293.99	2,226.22	67.77	33.849		
8,500.00	7,827.95	8,094.84	7,898.70	60.49	34.38	-100.84	-703.73	692.82	2,304.52	2,236.20	68.32	33.731		
8,550.00	7,855.79	8,129.09	7,911.88	60.83	34.65	-98.14	-705.75	724.37	2,314.04	2,245.14	68.90	33.585		
8,600.00	7,880.34	8,163.20	7,923.12	61.16	34.94	-95.90	-707.55	756.51	2,322.47	2,252.96	69.51	33.413		
8,650.00	7,901.41	8,200.00	7,933.10	61.49	35.27	-94.05	-709.24	791.89	2,329.73	2,259.51	70.21	33.182		
8,700.00	7,918.85	8,231.07	7,939.75	61.80	35.57	-92.59	-710.46	822.21	2,335.75	2,264.92	70.83	32.976		
8,750.00	7,932.51	8,264.87	7,945.11	62.09	35.90	-91.46	-711.58	855.56	2,340.51	2,268.96	71.55	32.711		
8,800.00	7,942.31	8,300.00	7,948.61	62.38	36.27	-90.66	-712.49	890.50	2,343.95	2,271.61	72.34	32.401		
8,850.00	7,948.15	8,332.23	7,949.95	62.66	36.62	-90.17	-713.10	922.70	2,346.05	2,272.94	73.11	32.090		
8,898.08	7,950.00	8,376.49	7,950.00	62.91	37.12	-90.00	-713.73	966.94	2,346.69	2,272.47	74.22	31.616		
8,900.00	7,950.00	8,378.41	7,950.00	62.92	37.15	-90.00	-713.75	968.87	2,346.69	2,272.41	74.27	31.595		
9,000.00	7,950.00	8,478.41	7,950.00	63.47	38.41	-90.00	-715.16	1,068.86	2,346.38	2,269.36	77.02	30.464		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,950.00	8,578.41	7,950.00	64.09	39.83	-90.00	-716.57	1,168.85	2,346.08	2,266.05	80.03	29.314		
9,200.00	7,950.00	8,678.41	7,950.00	64.78	41.39	-90.00	-717.97	1,268.84	2,345.78	2,262.50	83.28	28.166		
9,300.00	7,950.00	8,778.41	7,950.00	65.55	43.07	-90.00	-719.38	1,368.83	2,345.48	2,258.73	86.75	27.038		
9,400.00	7,950.00	8,878.41	7,950.00	66.41	44.86	-90.00	-720.78	1,468.82	2,345.18	2,254.78	90.40	25.942		
9,500.00	7,950.00	8,978.41	7,950.00	67.35	46.75	-90.00	-722.19	1,568.81	2,344.88	2,250.66	94.22	24.888		
9,600.00	7,950.00	9,078.41	7,950.00	68.38	48.71	-90.00	-723.60	1,668.80	2,344.57	2,246.39	98.18	23.879		
9,700.00	7,950.00	9,178.41	7,950.00	69.50	50.75	-90.00	-725.00	1,768.79	2,344.27	2,241.99	102.28	22.920		
9,800.00	7,950.00	9,278.41	7,950.00	70.71	52.86	-90.00	-726.41	1,868.78	2,343.97	2,237.48	106.49	22.011		
9,900.00	7,950.00	9,378.41	7,950.00	72.01	55.01	-90.00	-727.82	1,968.77	2,343.67	2,232.87	110.80	21.152		
10,000.00	7,950.00	9,478.41	7,950.00	73.40	57.22	-90.00	-729.22	2,068.76	2,343.37	2,228.16	115.20	20.341		
10,100.00	7,950.00	9,578.41	7,950.00	74.87	59.47	-90.00	-730.63	2,168.75	2,343.07	2,223.38	119.69	19.577		
10,200.00	7,950.00	9,678.41	7,950.00	76.42	61.75	-90.00	-732.03	2,268.74	2,342.76	2,218.52	124.24	18.857		
10,300.00	7,950.00	9,778.41	7,950.00	78.05	64.07	-90.00	-733.44	2,368.72	2,342.46	2,213.60	128.86	18.178		
10,400.00	7,950.00	9,878.41	7,950.00	79.75	66.42	-90.00	-734.85	2,468.71	2,342.16	2,208.62	133.54	17.539		
10,500.00	7,950.00	9,978.40	7,950.00	81.52	68.79	-90.00	-736.25	2,568.70	2,341.86	2,203.59	138.26	16.938		
10,600.00	7,950.00	10,078.40	7,950.00	83.35	71.19	-90.00	-737.66	2,668.69	2,341.56	2,198.52	143.04	16.370		
10,700.00	7,950.00	10,178.40	7,950.00	85.24	73.61	-90.00	-739.06	2,768.68	2,341.26	2,193.40	147.86	15.835		
10,800.00	7,950.00	10,278.40	7,950.00	87.18	76.05	-90.00	-740.47	2,868.67	2,340.95	2,188.24	152.71	15.329		
10,900.00	7,950.00	10,378.40	7,950.00	89.18	78.50	-90.00	-741.88	2,968.66	2,340.65	2,183.05	157.60	14.852		
11,000.00	7,950.00	10,478.40	7,950.00	91.22	80.97	-90.00	-743.28	3,068.65	2,340.35	2,177.83	162.52	14.400		
11,100.00	7,950.00	10,578.40	7,950.00	93.30	83.46	-90.00	-744.69	3,168.64	2,340.05	2,172.58	167.47	13.973		
11,200.00	7,950.00	10,678.40	7,950.00	95.43	85.96	-90.00	-746.09	3,268.63	2,339.75	2,167.30	172.45	13.568		
11,300.00	7,950.00	10,778.40	7,950.00	97.58	88.47	-90.00	-747.50	3,368.62	2,339.45	2,161.99	177.45	13.184		
11,400.00	7,950.00	10,878.40	7,950.00	99.78	90.99	-90.00	-748.91	3,468.61	2,339.14	2,156.67	182.47	12.819		
11,500.00	7,950.00	10,978.40	7,950.00	102.00	93.52	-90.00	-750.31	3,568.60	2,338.84	2,151.33	187.52	12.473		
11,600.00	7,950.00	11,078.40	7,950.00	104.25	96.06	-90.00	-751.72	3,668.59	2,338.54	2,145.96	192.58	12.143		
11,700.00	7,950.00	11,178.40	7,950.00	106.52	98.61	-90.00	-753.13	3,768.58	2,338.24	2,140.58	197.66	11.830		
11,800.00	7,950.00	11,278.40	7,950.00	108.82	101.17	-90.00	-754.53	3,868.57	2,337.94	2,135.18	202.75	11.531		
11,900.00	7,950.00	11,378.40	7,950.00	111.14	103.73	-90.00	-755.94	3,968.56	2,337.64	2,129.77	207.86	11.246		
12,000.00	7,950.00	11,478.40	7,950.00	113.48	106.30	-90.00	-757.34	4,068.55	2,337.33	2,124.35	212.99	10.974		
12,100.00	7,950.00	11,578.40	7,950.00	115.84	108.87	-90.00	-758.75	4,168.54	2,337.03	2,118.91	218.12	10.714		
12,200.00	7,950.00	11,678.40	7,950.00	118.21	111.46	-90.00	-760.16	4,268.53	2,336.73	2,113.46	223.27	10.466		
12,300.00	7,950.00	11,778.40	7,950.00	120.61	114.04	-90.00	-761.56	4,368.52	2,336.43	2,108.00	228.43	10.228		
12,400.00	7,950.00	11,878.40	7,950.00	123.01	116.64	-90.00	-762.97	4,468.51	2,336.13	2,102.53	233.60	10.001		
12,500.00	7,950.00	11,978.40	7,950.00	125.43	119.23	-90.00	-764.37	4,568.50	2,335.83	2,097.05	238.78	9.782		
12,600.00	7,950.00	12,078.40	7,950.00	127.87	121.83	-90.00	-765.78	4,668.49	2,335.52	2,091.55	243.97	9.573		
12,700.00	7,950.00	12,178.39	7,950.00	130.31	124.44	-90.00	-767.19	4,768.48	2,335.22	2,086.06	249.17	9.372		
12,800.00	7,950.00	12,278.39	7,950.00	132.77	127.05	-90.00	-768.59	4,868.47	2,334.92	2,080.55	254.37	9.179		
12,900.00	7,950.00	12,378.39	7,950.00	135.24	129.66	-90.00	-770.00	4,968.46	2,334.62	2,075.03	259.58	8.994		
13,000.00	7,950.00	12,478.39	7,950.00	137.71	132.28	-90.00	-771.40	5,068.45	2,334.32	2,069.51	264.80	8.815		
13,100.00	7,950.00	12,578.39	7,950.00	140.20	134.90	-90.00	-772.81	5,168.44	2,334.02	2,063.98	270.03	8.644		
13,200.00	7,950.00	12,678.39	7,950.00	142.69	137.52	-90.00	-774.22	5,268.42	2,333.71	2,058.45	275.26	8.478		
13,300.00	7,950.00	12,778.39	7,950.00	145.20	140.14	-90.00	-775.62	5,368.41	2,333.41	2,052.91	280.50	8.319		
13,400.00	7,950.00	12,878.39	7,950.00	147.71	142.77	-90.00	-777.03	5,468.40	2,333.11	2,047.36	285.75	8.165		
13,500.00	7,950.00	12,978.39	7,950.00	150.23	145.40	-90.00	-778.43	5,568.39	2,332.81	2,041.81	291.00	8.017		
13,600.00	7,950.00	13,078.39	7,950.00	152.75	148.03	-90.00	-779.84	5,668.38	2,332.51	2,036.26	296.25	7.873		
13,700.00	7,950.00	13,178.39	7,950.00	155.28	150.67	-90.00	-781.25	5,768.37	2,332.21	2,030.69	301.51	7.735		
13,800.00	7,950.00	13,278.39	7,950.00	157.82	153.30	-90.00	-782.65	5,868.36	2,331.90	2,025.13	306.77	7.601		
13,900.00	7,950.00	13,378.39	7,950.00	160.36	155.94	-90.00	-784.06	5,968.35	2,331.60	2,019.56	312.04	7.472		
14,000.00	7,950.00	13,478.39	7,950.00	162.91	158.58	-90.00	-785.47	6,068.34	2,331.30	2,013.99	317.32	7.347		
14,100.00	7,950.00	13,578.39	7,950.00	165.47	161.23	-90.00	-786.87	6,168.33	2,331.00	2,008.41	322.59	7.226		
14,200.00	7,950.00	13,678.39	7,950.00	168.02	163.87	-90.00	-788.28	6,268.32	2,330.70	2,002.83	327.87	7.109		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 2BH - OWB - PROPOSAL 1		Offset Site Error:		0.00 usft
Survey Program: 0-MWD OWSG														Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
14,300.00	7,950.00	13,778.39	7,950.00	170.59	166.52	-90.00	-789.68	6,368.31	2,330.40	1,997.24	333.16	6.995				
14,400.00	7,950.00	13,878.39	7,950.00	173.15	169.16	-90.00	-791.09	6,468.30	2,330.09	1,991.65	338.44	6.885				
14,500.00	7,950.00	13,978.39	7,950.00	175.73	171.81	-90.00	-792.50	6,568.29	2,329.79	1,986.06	343.73	6.778				
14,600.00	7,950.00	14,078.39	7,950.00	178.30	174.46	-90.00	-793.90	6,668.28	2,329.49	1,980.47	349.03	6.674				
14,700.00	7,950.00	14,178.39	7,950.00	180.88	177.11	-90.00	-795.31	6,768.27	2,329.19	1,974.87	354.32	6.574				
14,800.00	7,950.00	14,278.39	7,950.00	183.46	179.77	-90.00	-796.71	6,868.26	2,328.89	1,969.27	359.62	6.476				
14,900.00	7,950.00	14,378.39	7,950.00	186.05	182.42	-90.00	-798.12	6,968.25	2,328.59	1,963.66	364.92	6.381				
15,000.00	7,950.00	14,478.38	7,950.00	188.64	185.08	-90.00	-799.53	7,068.24	2,328.28	1,958.06	370.23	6.289				
15,100.00	7,950.00	14,578.38	7,950.00	191.23	187.73	-90.00	-800.93	7,168.23	2,327.98	1,952.45	375.53	6.199				
15,200.00	7,950.00	14,678.38	7,950.00	193.83	190.39	-90.00	-802.34	7,268.22	2,327.68	1,946.84	380.84	6.112				
15,300.00	7,950.00	14,778.38	7,950.00	196.43	193.05	-90.00	-803.74	7,368.21	2,327.38	1,941.23	386.15	6.027				
15,400.00	7,950.00	14,878.38	7,950.00	199.03	195.71	-90.00	-805.15	7,468.20	2,327.08	1,935.61	391.46	5.945				
15,500.00	7,950.00	14,978.38	7,950.00	201.63	198.37	-90.00	-806.56	7,568.19	2,326.78	1,930.00	396.78	5.864				
15,600.00	7,950.00	15,078.38	7,950.00	204.24	201.03	-90.00	-807.96	7,668.18	2,326.47	1,924.38	402.10	5.786				
15,700.00	7,950.00	15,178.38	7,950.00	206.85	203.69	-90.00	-809.37	7,768.17	2,326.17	1,918.76	407.42	5.710				
15,800.00	7,950.00	15,278.38	7,950.00	209.46	206.36	-90.00	-810.78	7,868.16	2,325.87	1,913.13	412.74	5.635				
15,900.00	7,950.00	15,378.38	7,950.00	212.08	209.02	-90.00	-812.18	7,968.15	2,325.57	1,907.51	418.06	5.563				
16,000.00	7,950.00	15,478.38	7,950.00	214.69	211.69	-90.00	-813.59	8,068.14	2,325.27	1,901.88	423.38	5.492				
16,100.00	7,950.00	15,578.38	7,950.00	217.31	214.35	-90.00	-814.99	8,168.13	2,324.97	1,896.26	428.71	5.423				
16,200.00	7,950.00	15,678.38	7,950.00	219.93	217.02	-90.00	-816.40	8,268.11	2,324.66	1,890.63	434.04	5.356				
16,300.00	7,950.00	15,778.38	7,950.00	222.55	219.69	-90.00	-817.81	8,368.10	2,324.36	1,885.00	439.37	5.290				
16,400.00	7,950.00	15,878.38	7,950.00	225.18	222.35	-90.00	-819.21	8,468.09	2,324.06	1,879.36	444.70	5.226				
16,500.00	7,950.00	15,978.38	7,950.00	227.80	225.02	-90.00	-820.62	8,568.08	2,323.76	1,873.73	450.03	5.164				
16,600.00	7,950.00	16,078.38	7,950.00	230.43	227.69	-90.00	-822.02	8,668.07	2,323.46	1,868.10	455.36	5.102				
16,680.54	7,950.00	16,158.91	7,950.00	232.54	229.84	-90.00	-823.16	8,748.60	2,323.21	1,863.56	459.66	5.054 SF				



# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.10	0.10	0.00	0.00	-0.11	150.08	-0.28	150.08					
100.00	100.00	100.10	100.10	0.13	0.13	-0.11	150.08	-0.28	150.08	149.81	0.27	557.472		
200.00	200.00	200.10	200.10	0.49	0.49	-0.11	150.08	-0.28	150.08	149.09	0.99	152.185		
250.00	250.00	250.11	250.11	0.67	0.67	-0.11	150.08	-0.28	150.08	148.73	1.34	111.613		
300.00	300.00	302.77	302.77	0.84	0.85	-172.77	149.61	-0.16	150.07	148.37	1.70	88.460		
400.00	399.93	408.10	408.02	1.18	1.21	-172.57	145.86	0.84	149.97	147.58	2.39	62.678		
500.00	499.68	513.42	513.04	1.54	1.59	-172.17	138.38	2.83	149.79	146.68	3.11	48.198		
600.00	599.13	618.70	617.68	1.91	1.99	-171.57	127.18	5.80	149.53	145.70	3.83	39.013		
700.00	698.15	723.95	721.79	2.31	2.42	-170.76	112.27	9.76	149.22	144.65	4.57	32.670		
800.00	796.63	829.14	825.21	2.74	2.87	-169.75	93.69	14.70	148.87	143.56	5.31	28.024		
814.78	811.13	844.15	839.90	2.81	2.94	-169.59	90.76	15.47	148.83	143.41	5.42	27.439 CC, ES		
900.00	894.44	929.33	923.32	3.20	3.34	-168.79	74.10	19.90	150.09	144.02	6.07	24.714		
1,000.00	991.46	1,029.20	1,021.12	3.70	3.81	-168.11	54.57	25.09	154.77	147.93	6.84	22.629		
1,100.00	1,087.58	1,128.86	1,118.72	4.24	4.28	-167.72	35.08	30.27	162.87	155.24	7.63	21.352		
1,200.00	1,182.68	1,228.19	1,216.00	4.82	4.76	-167.60	15.65	35.43	174.36	165.94	8.42	20.704		
1,300.00	1,276.65	1,327.07	1,312.84	5.45	5.24	-167.70	-3.69	40.56	189.24	180.01	9.22	20.519		
1,400.00	1,369.36	1,425.38	1,409.11	6.13	5.72	-167.97	-22.92	45.67	207.48	197.45	10.03	20.690		
1,421.41	1,389.04	1,446.35	1,429.64	6.28	5.82	-168.04	-27.02	46.76	211.82	201.62	10.20	20.759		
1,500.00	1,461.15	1,523.23	1,504.94	6.84	6.20	-168.37	-42.06	50.75	228.05	217.21	10.84	21.046		
1,600.00	1,552.91	1,621.07	1,600.75	7.57	6.68	-168.72	-61.19	55.84	248.70	237.06	11.64	21.360		
1,700.00	1,644.66	1,718.90	1,696.56	8.30	7.16	-169.02	-80.32	60.92	269.36	256.91	12.46	21.626		
1,800.00	1,736.42	1,816.73	1,792.36	9.04	7.65	-169.27	-99.46	66.00	290.03	276.76	13.27	21.854		
1,900.00	1,828.17	1,914.57	1,888.17	9.79	8.13	-169.50	-118.59	71.08	310.70	296.61	14.09	22.053		
2,000.00	1,919.93	2,012.40	1,983.98	10.54	8.62	-169.69	-137.73	76.17	331.38	316.47	14.91	22.226		
2,100.00	2,011.68	2,110.23	2,079.79	11.29	9.10	-169.86	-156.86	81.25	352.06	336.32	15.73	22.378		
2,200.00	2,103.44	2,208.07	2,175.60	12.05	9.59	-170.01	-176.00	86.33	372.74	356.18	16.56	22.513		
2,300.00	2,195.20	2,305.90	2,271.41	12.80	10.07	-170.15	-195.13	91.41	393.42	376.04	17.38	22.634		
2,400.00	2,286.95	2,403.73	2,367.22	13.56	10.56	-170.27	-214.27	96.50	414.11	395.90	18.21	22.742		
2,500.00	2,378.71	2,501.57	2,463.03	14.32	11.05	-170.38	-233.40	101.58	434.80	415.76	19.04	22.840		
2,600.00	2,470.46	2,600.60	2,558.84	15.09	11.54	-170.48	-252.54	106.66	455.49	435.62	19.87	22.923		
2,700.00	2,562.22	2,702.77	2,654.65	15.85	12.05	-170.58	-271.67	111.74	476.18	455.46	20.72	22.985		
2,800.00	2,653.98	2,804.93	2,750.46	16.61	12.56	-170.66	-290.80	116.83	496.87	475.30	21.56	23.042		
2,900.00	2,745.73	2,907.10	2,846.27	17.38	13.06	-170.74	-309.94	121.91	517.56	495.15	22.41	23.093		
3,000.00	2,837.49	3,009.27	2,942.08	18.14	13.57	-170.81	-329.07	126.99	538.25	514.99	23.26	23.140		
3,100.00	2,929.24	3,088.57	3,037.89	18.91	13.97	-170.88	-348.21	132.07	558.95	534.93	24.02	23.271		
3,200.00	3,021.00	3,186.40	3,133.69	19.67	14.46	-170.94	-367.34	137.16	579.64	554.79	24.85	23.324		
3,300.00	3,112.75	3,284.23	3,229.50	20.44	14.94	-171.00	-386.48	142.24	600.34	574.65	25.68	23.373		
3,400.00	3,204.51	3,382.07	3,325.31	21.21	15.43	-171.05	-405.61	147.32	621.03	594.52	26.52	23.420		
3,500.00	3,296.27	3,479.90	3,421.12	21.98	15.92	-171.10	-424.75	152.40	641.73	614.38	27.35	23.462		
3,600.00	3,388.02	3,577.73	3,516.93	22.74	16.41	-171.15	-443.88	157.49	662.43	634.24	28.19	23.503		
3,700.00	3,479.78	3,675.57	3,612.74	23.51	16.90	-171.19	-463.01	162.57	683.12	654.10	29.02	23.540		
3,800.00	3,571.53	3,773.40	3,708.55	24.28	17.39	-171.23	-482.15	167.65	703.82	673.97	29.85	23.576		
3,900.00	3,663.29	3,871.23	3,804.36	25.05	17.87	-171.27	-501.28	172.73	724.52	693.83	30.69	23.609		
4,000.00	3,755.05	3,969.07	3,900.17	25.82	18.36	-171.31	-520.42	177.82	745.22	713.69	31.52	23.640		
4,100.00	3,846.80	4,066.90	3,995.98	26.59	18.85	-171.34	-539.55	182.90	765.91	733.56	32.36	23.670		
4,200.00	3,938.56	4,164.74	4,091.79	27.36	19.34	-171.38	-558.69	187.98	786.61	753.42	33.19	23.698		
4,300.00	4,030.31	4,262.57	4,187.60	28.13	19.83	-171.41	-577.82	193.06	807.31	773.28	34.03	23.724		
4,400.00	4,122.07	4,360.40	4,283.41	28.90	20.32	-171.44	-596.96	198.15	828.01	793.15	34.87	23.749		
4,500.00	4,213.82	4,458.24	4,379.21	29.67	20.81	-171.47	-616.09	203.23	848.71	813.01	35.70	23.773		
4,600.00	4,305.58	4,556.07	4,475.02	30.44	21.29	-171.49	-635.23	208.31	869.41	832.87	36.54	23.795		
4,700.00	4,397.34	4,653.90	4,570.83	31.21	21.78	-171.52	-654.36	213.40	890.11	852.74	37.37	23.817		
4,800.00	4,489.09	4,751.74	4,666.64	31.98	22.27	-171.54	-673.49	218.48	910.81	872.60	38.21	23.837		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,849.57	4,762.45	32.75	22.76	-171.57	-692.63	223.56	931.51	892.46	39.05	23.857		
5,000.00	4,672.60	4,947.40	4,858.26	33.52	23.25	-171.59	-711.76	228.64	952.21	912.33	39.88	23.875		
5,100.00	4,764.36	5,045.24	4,954.07	34.29	23.74	-171.61	-730.90	233.73	972.91	932.19	40.72	23.893		
5,200.00	4,856.12	5,143.07	5,049.88	35.06	24.23	-171.63	-750.03	238.81	993.61	952.06	41.56	23.910		
5,300.00	4,947.87	5,240.90	5,145.69	35.83	24.72	-171.65	-769.17	243.89	1,014.31	971.92	42.39	23.926		
5,400.00	5,039.63	5,338.74	5,241.50	36.60	25.20	-171.67	-788.30	248.97	1,035.01	991.78	43.23	23.942		
5,500.00	5,131.38	5,436.57	5,337.31	37.37	25.69	-171.69	-807.44	254.06	1,055.71	1,011.65	44.07	23.957		
5,600.00	5,223.14	5,534.40	5,433.12	38.14	26.18	-171.71	-826.57	259.14	1,076.41	1,031.51	44.90	23.971		
5,700.00	5,314.89	5,632.24	5,528.93	38.91	26.67	-171.72	-845.70	264.22	1,097.12	1,051.37	45.74	23.985		
5,800.00	5,406.65	5,730.07	5,624.73	39.69	27.16	-171.74	-864.84	269.30	1,117.82	1,071.24	46.58	23.998		
5,900.00	5,498.41	5,827.90	5,720.54	40.46	27.65	-171.76	-883.97	274.39	1,138.52	1,091.10	47.42	24.011		
6,000.00	5,590.16	5,925.74	5,816.35	41.23	28.14	-171.77	-903.11	279.47	1,159.22	1,110.96	48.25	24.023		
6,100.00	5,681.92	6,023.57	5,912.16	42.00	28.63	-171.79	-922.24	284.55	1,179.92	1,130.83	49.09	24.035		
6,200.00	5,773.67	6,121.40	6,007.97	42.77	29.12	-171.80	-941.38	289.63	1,200.62	1,150.69	49.93	24.046		
6,300.00	5,865.43	6,219.24	6,103.78	43.54	29.61	-171.81	-960.51	294.72	1,221.32	1,170.56	50.77	24.057		
6,400.00	5,957.18	6,317.07	6,199.59	44.31	30.10	-171.83	-979.65	299.80	1,242.02	1,190.42	51.61	24.068		
6,500.00	6,048.94	6,414.90	6,295.40	45.09	30.58	-171.84	-998.78	304.88	1,262.73	1,210.28	52.44	24.078		
6,600.00	6,140.70	6,512.74	6,391.21	45.86	31.07	-171.85	-1,017.92	309.96	1,283.43	1,230.15	53.28	24.088		
6,700.00	6,232.45	6,610.57	6,487.02	46.63	31.56	-171.86	-1,037.05	315.05	1,304.13	1,250.01	54.12	24.097		
6,800.00	6,324.21	6,708.40	6,582.83	47.40	32.05	-171.88	-1,056.18	320.13	1,324.83	1,269.87	54.96	24.106		
6,900.00	6,415.96	6,806.24	6,678.64	48.17	32.54	-171.89	-1,075.32	325.21	1,345.53	1,289.74	55.80	24.115		
7,000.00	6,507.72	6,904.07	6,774.45	48.94	33.03	-171.90	-1,094.45	330.29	1,366.23	1,309.60	56.63	24.124		
7,100.00	6,599.48	7,001.90	6,870.25	49.72	33.52	-171.91	-1,113.59	335.38	1,386.94	1,329.46	57.47	24.132		
7,200.00	6,691.23	7,099.74	6,966.06	50.49	34.01	-171.92	-1,132.72	340.46	1,407.64	1,349.33	58.31	24.140		
7,300.00	6,782.99	7,202.43	7,061.87	51.26	34.52	-171.93	-1,151.86	345.54	1,428.34	1,369.17	59.17	24.140		
7,400.00	6,874.74	7,304.60	7,157.68	52.03	35.03	-171.94	-1,170.99	350.62	1,449.04	1,389.02	60.03	24.140		
7,500.00	6,966.50	7,393.24	7,253.49	52.80	35.48	-171.95	-1,190.13	355.71	1,469.74	1,408.92	60.83	24.162		
7,600.00	7,058.25	7,491.07	7,349.30	53.57	35.97	-171.96	-1,209.26	360.79	1,490.45	1,428.78	61.67	24.169		
7,700.00	7,150.01	7,587.55	7,442.77	54.35	36.47	-171.61	-1,228.03	374.88	1,511.19	1,448.59	62.59	24.143		
7,800.00	7,241.77	7,678.63	7,527.68	55.12	36.96	-170.73	-1,245.25	402.65	1,532.26	1,468.63	63.63	24.080		
7,900.00	7,333.52	7,760.67	7,599.59	55.89	37.42	-169.52	-1,259.99	439.13	1,554.33	1,489.60	64.73	24.013		
8,000.00	7,425.28	7,832.16	7,657.52	56.66	37.83	-168.16	-1,271.98	479.18	1,578.20	1,512.39	65.82	23.979		
8,029.56	7,452.40	7,851.25	7,672.13	56.89	37.94	-167.75	-1,275.03	491.10	1,585.72	1,519.59	66.12	23.981		
8,050.00	7,471.13	7,864.10	7,681.73	57.05	38.02	-162.32	-1,277.03	499.40	1,591.02	1,524.68	66.34	23.984		
8,100.00	7,516.65	7,895.24	7,704.22	57.44	38.20	-149.83	-1,281.75	520.40	1,604.15	1,537.31	66.83	24.002		
8,150.00	7,561.46	7,926.00	7,725.31	57.84	38.39	-138.88	-1,286.20	542.35	1,617.37	1,550.06	67.31	24.028		
8,200.00	7,605.22	7,956.46	7,745.01	58.24	38.57	-129.60	-1,290.38	565.19	1,630.54	1,562.78	67.76	24.063		
8,250.00	7,647.60	7,986.66	7,763.35	58.63	38.76	-121.84	-1,294.31	588.85	1,643.49	1,575.30	68.19	24.102		
8,300.00	7,688.27	8,016.64	7,780.32	59.02	38.95	-115.37	-1,297.96	613.30	1,656.10	1,587.50	68.59	24.144		
8,350.00	7,726.93	8,050.00	7,797.69	59.40	39.16	-109.92	-1,301.74	641.52	1,668.22	1,599.16	69.06	24.155		
8,400.00	7,763.27	8,076.10	7,810.14	59.77	39.34	-105.42	-1,304.48	664.29	1,679.72	1,610.38	69.35	24.222		
8,450.00	7,797.04	8,100.00	7,820.64	60.13	39.50	-101.65	-1,306.82	685.63	1,690.52	1,620.98	69.55	24.308		
8,500.00	7,827.95	8,135.05	7,834.43	60.49	39.74	-98.38	-1,309.93	717.70	1,700.47	1,630.41	70.06	24.271		
8,550.00	7,855.79	8,164.38	7,844.47	60.83	39.95	-95.68	-1,312.24	745.16	1,709.50	1,639.08	70.42	24.275		
8,600.00	7,880.34	8,200.00	7,854.80	61.16	40.22	-93.39	-1,314.69	779.15	1,717.55	1,646.57	70.98	24.197		
8,650.00	7,901.41	8,222.84	7,860.32	61.49	40.39	-91.59	-1,316.04	801.27	1,724.49	1,653.29	71.19	24.222		
8,700.00	7,918.85	8,250.00	7,865.75	61.80	40.60	-90.13	-1,317.42	827.85	1,730.30	1,658.75	71.55	24.183		
8,750.00	7,932.51	8,281.10	7,870.44	62.09	40.85	-89.00	-1,318.71	858.56	1,734.92	1,662.85	72.07	24.073		
8,800.00	7,942.31	8,310.18	7,873.35	62.38	41.09	-88.19	-1,319.62	887.48	1,738.31	1,665.75	72.56	23.957		
8,850.00	7,948.15	8,339.23	7,874.81	62.66	41.34	-87.71	-1,320.24	916.48	1,740.44	1,667.35	73.09	23.812		
8,898.08	7,950.00	8,376.57	7,875.00	62.91	41.67	-87.53	-1,320.70	953.81	1,741.22	1,667.28	73.94	23.550		
8,900.00	7,950.00	8,378.49	7,875.00	62.92	41.69	-87.53	-1,320.73	955.74	1,741.21	1,667.23	73.98	23.535		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	8,478.49	7,875.00	63.47	42.67	-87.53	-1,321.87	1,055.73	1,741.18	1,664.49	76.68	22.706		
9,100.00	7,950.00	8,578.49	7,875.00	64.09	43.80	-87.53	-1,323.01	1,155.73	1,741.14	1,661.49	79.65	21.860		
9,200.00	7,950.00	8,678.49	7,875.00	64.78	45.08	-87.53	-1,324.15	1,255.72	1,741.10	1,658.24	82.86	21.013		
9,300.00	7,950.00	8,778.49	7,875.00	65.55	46.49	-87.53	-1,325.29	1,355.71	1,741.06	1,654.78	86.28	20.178		
9,400.00	7,950.00	8,878.49	7,875.00	66.41	48.03	-87.53	-1,326.44	1,455.71	1,741.03	1,651.13	89.90	19.366		
9,500.00	7,950.00	8,978.49	7,875.00	67.35	49.68	-87.53	-1,327.58	1,555.70	1,740.99	1,647.30	93.69	18.583		
9,600.00	7,950.00	9,078.49	7,875.00	68.38	51.44	-87.53	-1,328.72	1,655.69	1,740.95	1,643.33	97.63	17.833		
9,700.00	7,950.00	9,178.49	7,875.00	69.50	53.29	-87.53	-1,329.86	1,755.69	1,740.91	1,639.22	101.70	17.119		
9,800.00	7,950.00	9,278.49	7,875.00	70.71	55.22	-87.53	-1,331.00	1,855.68	1,740.88	1,635.00	105.88	16.442		
9,900.00	7,950.00	9,378.49	7,875.00	72.01	57.23	-87.53	-1,332.15	1,955.67	1,740.84	1,630.67	110.17	15.801		
10,000.00	7,950.00	9,478.49	7,875.00	73.40	59.29	-87.53	-1,333.29	2,055.67	1,740.80	1,626.25	114.56	15.196		
10,100.00	7,950.00	9,578.49	7,875.00	74.87	61.42	-87.53	-1,334.43	2,155.66	1,740.76	1,621.74	119.02	14.626		
10,200.00	7,950.00	9,678.49	7,875.00	76.42	63.59	-87.53	-1,335.57	2,255.65	1,740.73	1,617.17	123.56	14.088		
10,300.00	7,950.00	9,778.49	7,875.00	78.05	65.80	-87.53	-1,336.71	2,355.65	1,740.69	1,612.53	128.16	13.582		
10,400.00	7,950.00	9,878.49	7,875.00	79.75	68.06	-87.53	-1,337.86	2,455.64	1,740.65	1,607.83	132.83	13.105		
10,500.00	7,950.00	9,978.49	7,875.00	81.52	70.34	-87.53	-1,339.00	2,555.63	1,740.62	1,603.07	137.54	12.655		
10,600.00	7,950.00	10,078.49	7,875.00	83.35	72.66	-87.53	-1,340.14	2,655.63	1,740.58	1,598.27	142.30	12.231		
10,700.00	7,950.00	10,178.49	7,875.00	85.24	75.01	-87.53	-1,341.28	2,755.62	1,740.54	1,593.43	147.11	11.832		
10,800.00	7,950.00	10,278.49	7,875.00	87.18	77.38	-87.53	-1,342.42	2,855.61	1,740.50	1,588.55	151.95	11.454		
10,900.00	7,950.00	10,378.49	7,875.00	89.18	79.77	-87.53	-1,343.57	2,955.61	1,740.47	1,583.63	156.83	11.098		
11,000.00	7,950.00	10,478.49	7,875.00	91.22	82.18	-87.53	-1,344.71	3,055.60	1,740.43	1,578.68	161.74	10.760		
11,100.00	7,950.00	10,578.49	7,875.00	93.30	84.61	-87.53	-1,345.85	3,155.60	1,740.39	1,573.71	166.68	10.441		
11,200.00	7,950.00	10,678.49	7,875.00	95.43	87.06	-87.53	-1,346.99	3,255.59	1,740.35	1,568.70	171.65	10.139		
11,300.00	7,950.00	10,778.49	7,875.00	97.58	89.52	-87.53	-1,348.13	3,355.58	1,740.32	1,563.67	176.64	9.852		
11,400.00	7,950.00	10,878.49	7,875.00	99.78	92.00	-87.53	-1,349.28	3,455.58	1,740.28	1,558.62	181.66	9.580		
11,500.00	7,950.00	10,978.49	7,875.00	102.00	94.49	-87.53	-1,350.42	3,555.57	1,740.24	1,553.55	186.69	9.321		
11,600.00	7,950.00	11,078.49	7,875.00	104.25	96.99	-87.53	-1,351.56	3,655.56	1,740.20	1,548.46	191.75	9.076		
11,700.00	7,950.00	11,178.49	7,875.00	106.52	99.50	-87.53	-1,352.70	3,755.56	1,740.17	1,543.35	196.82	8.841		
11,800.00	7,950.00	11,278.49	7,875.00	108.82	102.02	-87.53	-1,353.84	3,855.55	1,740.13	1,538.22	201.91	8.618		
11,900.00	7,950.00	11,378.49	7,875.00	111.14	104.55	-87.53	-1,354.99	3,955.54	1,740.09	1,533.08	207.01	8.406		
12,000.00	7,950.00	11,478.49	7,875.00	113.48	107.09	-87.53	-1,356.13	4,055.54	1,740.05	1,527.93	212.13	8.203		
12,100.00	7,950.00	11,578.49	7,875.00	115.84	109.64	-87.53	-1,357.27	4,155.53	1,740.02	1,522.76	217.26	8.009		
12,200.00	7,950.00	11,678.49	7,875.00	118.21	112.19	-87.53	-1,358.41	4,255.52	1,739.98	1,517.58	222.40	7.824		
12,300.00	7,950.00	11,778.49	7,875.00	120.61	114.75	-87.53	-1,359.55	4,355.52	1,739.94	1,512.39	227.55	7.646		
12,400.00	7,950.00	11,878.49	7,875.00	123.01	117.32	-87.53	-1,360.70	4,455.51	1,739.90	1,507.19	232.71	7.477		
12,500.00	7,950.00	11,978.49	7,875.00	125.43	119.89	-87.53	-1,361.84	4,555.50	1,739.87	1,501.98	237.89	7.314		
12,600.00	7,950.00	12,078.49	7,875.00	127.87	122.47	-87.53	-1,362.98	4,655.50	1,739.83	1,496.76	243.07	7.158		
12,700.00	7,950.00	12,178.49	7,875.00	130.31	125.06	-87.53	-1,364.12	4,755.49	1,739.79	1,491.53	248.26	7.008		
12,800.00	7,950.00	12,278.49	7,875.00	132.77	127.64	-87.53	-1,365.26	4,855.48	1,739.75	1,486.29	253.46	6.864		
12,900.00	7,950.00	12,378.49	7,875.00	135.24	130.24	-87.53	-1,366.41	4,955.48	1,739.72	1,481.05	258.67	6.726		
13,000.00	7,950.00	12,478.49	7,875.00	137.71	132.83	-87.53	-1,367.55	5,055.47	1,739.68	1,475.80	263.88	6.593		
13,100.00	7,950.00	12,578.49	7,875.00	140.20	135.43	-87.53	-1,368.69	5,155.46	1,739.64	1,470.54	269.10	6.465		
13,200.00	7,950.00	12,678.49	7,875.00	142.69	138.04	-87.53	-1,369.83	5,255.46	1,739.60	1,465.27	274.33	6.341		
13,300.00	7,950.00	12,778.49	7,875.00	145.20	140.65	-87.53	-1,370.97	5,355.45	1,739.57	1,460.00	279.56	6.222		
13,400.00	7,950.00	12,878.49	7,875.00	147.71	143.26	-87.53	-1,372.12	5,455.44	1,739.53	1,454.73	284.80	6.108		
13,500.00	7,950.00	12,978.49	7,875.00	150.23	145.87	-87.53	-1,373.26	5,555.44	1,739.49	1,449.45	290.04	5.997		
13,600.00	7,950.00	13,078.49	7,875.00	152.75	148.49	-87.53	-1,374.40	5,655.43	1,739.45	1,444.16	295.29	5.891		
13,700.00	7,950.00	13,178.49	7,875.00	155.28	151.11	-87.53	-1,375.54	5,755.43	1,739.42	1,438.87	300.55	5.787		
13,800.00	7,950.00	13,278.49	7,875.00	157.82	153.73	-87.53	-1,376.68	5,855.42	1,739.38	1,433.57	305.81	5.688		
13,900.00	7,950.00	13,378.49	7,875.00	160.36	156.36	-87.53	-1,377.83	5,955.41	1,739.34	1,428.27	311.07	5.591		
14,000.00	7,950.00	13,478.49	7,875.00	162.91	158.98	-87.53	-1,378.97	6,055.41	1,739.30	1,422.97	316.34	5.498		
14,100.00	7,950.00	13,578.49	7,875.00	165.47	161.61	-87.53	-1,380.11	6,155.40	1,739.27	1,417.66	321.61	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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3AH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,200.00	7,950.00	13,678.49	7,875.00	168.02	164.25	-87.53	-1,381.25	6,255.39	1,739.23	1,412.35	326.88	5.321	
14,300.00	7,950.00	13,778.49	7,875.00	170.59	166.88	-87.53	-1,382.39	6,355.39	1,739.19	1,407.03	332.16	5.236	
14,400.00	7,950.00	13,878.49	7,875.00	173.15	169.52	-87.53	-1,383.54	6,455.38	1,739.15	1,401.71	337.44	5.154	
14,500.00	7,950.00	13,978.49	7,875.00	175.73	172.15	-87.53	-1,384.68	6,555.37	1,739.12	1,396.39	342.73	5.074	
14,600.00	7,950.00	14,078.49	7,875.00	178.30	174.79	-87.52	-1,385.82	6,655.37	1,739.08	1,391.06	348.01	4.997	
14,700.00	7,950.00	14,178.49	7,875.00	180.88	177.44	-87.52	-1,386.96	6,755.36	1,739.04	1,385.74	353.30	4.922	
14,800.00	7,950.00	14,278.49	7,875.00	183.46	180.08	-87.52	-1,388.10	6,855.35	1,739.00	1,380.40	358.60	4.849	
14,900.00	7,950.00	14,378.49	7,875.00	186.05	182.72	-87.52	-1,389.25	6,955.35	1,738.97	1,375.07	363.89	4.779	
15,000.00	7,950.00	14,478.49	7,875.00	188.64	185.37	-87.52	-1,390.39	7,055.34	1,738.93	1,369.73	369.19	4.710	
15,100.00	7,950.00	14,578.49	7,875.00	191.23	188.02	-87.52	-1,391.53	7,155.33	1,738.89	1,364.40	374.49	4.643	
15,200.00	7,950.00	14,678.49	7,875.00	193.83	190.67	-87.52	-1,392.67	7,255.33	1,738.85	1,359.05	379.80	4.578	
15,300.00	7,950.00	14,778.49	7,875.00	196.43	193.32	-87.52	-1,393.81	7,355.32	1,738.82	1,353.71	385.10	4.515	
15,400.00	7,950.00	14,878.49	7,875.00	199.03	195.97	-87.52	-1,394.96	7,455.31	1,738.78	1,348.37	390.41	4.454	
15,500.00	7,950.00	14,978.49	7,875.00	201.63	198.62	-87.52	-1,396.10	7,555.31	1,738.74	1,343.02	395.72	4.394	
15,600.00	7,950.00	15,078.49	7,875.00	204.24	201.27	-87.52	-1,397.24	7,655.30	1,738.70	1,337.67	401.03	4.336	
15,700.00	7,950.00	15,178.49	7,875.00	206.85	203.93	-87.52	-1,398.38	7,755.29	1,738.67	1,332.32	406.35	4.279	
15,800.00	7,950.00	15,278.49	7,875.00	209.46	206.58	-87.52	-1,399.52	7,855.29	1,738.63	1,326.96	411.66	4.223	
15,900.00	7,950.00	15,378.49	7,875.00	212.08	209.24	-87.52	-1,400.67	7,955.28	1,738.59	1,321.61	416.98	4.169	
16,000.00	7,950.00	15,478.49	7,875.00	214.69	211.90	-87.52	-1,401.81	8,055.28	1,738.55	1,316.25	422.30	4.117	
16,100.00	7,950.00	15,578.49	7,875.00	217.31	214.56	-87.52	-1,402.95	8,155.27	1,738.52	1,310.89	427.62	4.066	
16,200.00	7,950.00	15,678.49	7,875.00	219.93	217.22	-87.52	-1,404.09	8,255.26	1,738.48	1,305.53	432.95	4.015	
16,300.00	7,950.00	15,778.49	7,875.00	222.55	219.88	-87.52	-1,405.23	8,355.26	1,738.44	1,300.17	438.27	3.967	
16,400.00	7,950.00	15,878.49	7,875.00	225.18	222.54	-87.52	-1,406.38	8,455.25	1,738.40	1,294.81	443.59	3.919	
16,500.00	7,950.00	15,978.49	7,875.00	227.80	225.20	-87.52	-1,407.52	8,555.24	1,738.37	1,289.44	448.92	3.872	
16,600.00	7,950.00	16,078.49	7,875.00	230.43	227.86	-87.52	-1,408.66	8,655.24	1,738.33	1,284.08	454.25	3.827	
16,680.54	7,950.00	16,159.03	7,875.00	232.54	230.01	-87.52	-1,409.58	8,735.77	1,738.30	1,279.75	458.54	3.791 SF	

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.10	0.10	0.00	0.00	-0.16	99.81	-0.28	99.81					
100.00	100.00	100.10	100.10	0.13	0.13	-0.16	99.81	-0.28	99.81	99.54	0.27	370.747		
200.00	200.00	200.10	200.10	0.49	0.49	-0.16	99.81	-0.28	99.81	98.82	0.99	101.211		
250.00	250.00	250.10	250.10	0.67	0.67	-0.16	99.81	-0.28	99.81	98.47	1.34	74.229		
300.00	300.00	301.87	301.87	0.84	0.85	-172.83	99.35	-0.19	99.80	98.10	1.69	58.936		
400.00	399.93	405.41	405.34	1.18	1.20	-172.69	95.67	0.53	99.71	97.33	2.38	41.841		
500.00	499.68	508.94	508.59	1.54	1.57	-172.39	88.33	1.96	99.54	96.45	3.09	32.200		
600.00	599.13	612.46	611.49	1.91	1.96	-171.94	77.34	4.11	99.29	95.48	3.81	26.068		
700.00	698.15	715.96	713.91	2.31	2.38	-171.34	62.70	6.98	98.96	94.43	4.53	21.825		
800.00	796.63	819.43	815.69	2.74	2.83	-170.59	44.45	10.54	98.58	93.31	5.27	18.707		
900.00	894.44	922.87	916.70	3.20	3.32	-169.69	22.61	14.82	98.13	92.12	6.02	16.311		
1,000.00	991.46	1,026.27	1,016.81	3.70	3.84	-168.62	-2.78	19.78	97.65	90.87	6.78	14.409		
1,014.86	1,005.80	1,041.14	1,031.13	3.78	3.92	-168.46	-6.69	20.55	97.61	90.71	6.90	14.148	CC, ES	
1,100.00	1,087.58	1,126.26	1,113.15	4.24	4.38	-167.72	-29.06	24.92	98.86	91.29	7.57	13.055		
1,200.00	1,182.68	1,226.15	1,209.38	4.82	4.92	-167.26	-55.31	30.05	103.49	95.11	8.39	12.342		
1,300.00	1,276.65	1,325.82	1,305.41	5.45	5.48	-167.24	-81.51	35.18	111.53	102.32	9.21	12.112		
1,400.00	1,369.36	1,425.16	1,401.12	6.13	6.03	-167.56	-107.62	40.28	122.95	112.92	10.04	12.252		
1,421.41	1,389.04	1,446.37	1,421.56	6.28	6.15	-167.66	-113.20	41.37	125.84	115.63	10.21	12.319		
1,500.00	1,461.15	1,524.20	1,496.54	6.84	6.59	-168.06	-133.65	45.37	136.72	125.86	10.87	12.583		
1,600.00	1,552.91	1,623.23	1,591.96	7.57	7.15	-168.50	-159.68	50.46	150.58	138.88	11.70	12.872		
1,700.00	1,644.66	1,722.26	1,687.37	8.30	7.72	-168.85	-185.71	55.55	164.44	151.91	12.54	13.118		
1,800.00	1,736.42	1,821.29	1,782.78	9.04	8.28	-169.16	-211.74	60.64	178.31	164.94	13.38	13.330		
1,900.00	1,828.17	1,920.32	1,878.19	9.79	8.85	-169.42	-237.77	65.73	192.19	177.97	14.22	13.514		
2,000.00	1,919.93	2,019.35	1,973.60	10.54	9.42	-169.64	-263.79	70.83	206.06	191.00	15.07	13.676		
2,100.00	2,011.68	2,118.38	2,069.02	11.29	9.99	-169.84	-289.82	75.92	219.94	204.03	15.92	13.818		
2,200.00	2,103.44	2,217.40	2,164.43	12.05	10.56	-170.01	-315.85	81.01	233.82	217.06	16.77	13.945		
2,300.00	2,195.20	2,316.43	2,259.84	12.80	11.13	-170.16	-341.88	86.10	247.71	230.09	17.62	14.058		
2,400.00	2,286.95	2,415.46	2,355.25	13.56	11.71	-170.30	-367.91	91.19	261.59	243.12	18.47	14.160		
2,500.00	2,378.71	2,514.49	2,450.66	14.32	12.28	-170.42	-393.94	96.28	275.48	256.15	19.33	14.253		
2,600.00	2,470.46	2,613.52	2,546.08	15.09	12.85	-170.54	-419.97	101.37	289.37	269.18	20.18	14.336		
2,700.00	2,562.22	2,712.55	2,641.49	15.85	13.43	-170.64	-445.99	106.46	303.26	282.22	21.04	14.413		
2,800.00	2,653.98	2,811.58	2,736.90	16.61	14.00	-170.73	-472.02	111.55	317.15	295.25	21.90	14.482		
2,900.00	2,745.73	2,910.61	2,832.31	17.38	14.57	-170.81	-498.05	116.64	331.04	308.28	22.76	14.547		
3,000.00	2,837.49	3,009.64	2,927.72	18.14	15.15	-170.89	-524.08	121.73	344.93	321.31	23.62	14.606		
3,100.00	2,929.24	3,108.67	3,023.14	18.91	15.72	-170.96	-550.11	126.82	358.82	334.34	24.48	14.660		
3,200.00	3,021.00	3,207.70	3,118.55	19.67	16.30	-171.03	-576.14	131.91	372.71	347.37	25.34	14.711		
3,300.00	3,112.75	3,306.73	3,213.96	20.44	16.88	-171.09	-602.16	137.00	386.60	360.41	26.20	14.758		
3,400.00	3,204.51	3,405.76	3,309.37	21.21	17.45	-171.15	-628.19	142.09	400.49	373.44	27.06	14.802		
3,500.00	3,296.27	3,504.79	3,404.78	21.98	18.03	-171.20	-654.22	147.18	414.39	386.47	27.92	14.843		
3,600.00	3,388.02	3,603.82	3,500.20	22.74	18.60	-171.25	-680.25	152.27	428.28	399.50	28.78	14.882		
3,700.00	3,479.78	3,702.85	3,595.61	23.51	19.18	-171.30	-706.28	157.36	442.18	412.53	29.64	14.918		
3,800.00	3,571.53	3,801.88	3,691.02	24.28	19.75	-171.34	-732.31	162.45	456.07	425.57	30.50	14.952		
3,900.00	3,663.29	3,900.91	3,786.43	25.05	20.33	-171.38	-758.34	167.54	469.96	438.60	31.37	14.983		
4,000.00	3,755.05	4,000.06	3,881.84	25.82	20.91	-171.42	-784.36	172.63	483.86	451.63	32.23	15.013		
4,100.00	3,846.80	4,101.04	3,977.26	26.59	21.50	-171.46	-810.39	177.72	497.75	464.65	33.10	15.038		
4,200.00	3,938.56	4,202.01	4,072.67	27.36	22.08	-171.50	-836.42	182.81	511.65	477.68	33.97	15.061		
4,300.00	4,030.31	4,302.98	4,168.08	28.13	22.67	-171.53	-862.45	187.90	525.54	490.70	34.84	15.084		
4,400.00	4,122.07	4,403.95	4,263.49	28.90	23.26	-171.56	-888.48	192.99	539.44	503.72	35.71	15.105		
4,500.00	4,213.82	4,504.92	4,358.90	29.67	23.85	-171.59	-914.51	198.08	553.33	516.75	36.59	15.125		
4,600.00	4,305.58	4,605.89	4,454.32	30.44	24.44	-171.62	-940.54	203.17	567.23	529.77	37.46	15.144		
4,700.00	4,397.34	4,706.86	4,549.73	31.21	25.02	-171.65	-966.56	208.26	581.12	542.80	38.33	15.162		
4,800.00	4,489.09	4,807.83	4,645.14	31.98	25.61	-171.67	-992.59	213.35	595.02	555.82	39.20	15.179		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,908.80	4,740.55	32.75	26.20	-171.70	-1,018.62	218.44	608.92	568.84	40.07	15.195		
5,000.00	4,672.60	5,009.77	4,835.96	33.52	26.79	-171.72	-1,044.65	223.53	622.81	581.87	40.95	15.211		
5,100.00	4,764.36	5,089.26	4,931.38	34.29	27.25	-171.74	-1,070.68	228.62	636.71	594.98	41.73	15.258		
5,200.00	4,856.12	5,188.29	5,026.79	35.06	27.83	-171.76	-1,096.71	233.71	650.60	608.01	42.59	15.275		
5,300.00	4,947.87	5,287.32	5,122.20	35.83	28.41	-171.78	-1,122.74	238.80	664.50	621.04	43.46	15.291		
5,400.00	5,039.63	5,386.35	5,217.61	36.60	28.99	-171.80	-1,148.76	243.89	678.40	634.07	44.32	15.306		
5,500.00	5,131.38	5,485.38	5,313.02	37.37	29.56	-171.82	-1,174.79	248.98	692.29	647.11	45.19	15.320		
5,600.00	5,223.14	5,584.41	5,408.44	38.14	30.14	-171.84	-1,200.82	254.07	706.19	660.14	46.05	15.334		
5,700.00	5,314.89	5,683.44	5,503.85	38.91	30.72	-171.86	-1,226.85	259.16	720.09	673.17	46.92	15.348		
5,800.00	5,406.65	5,782.47	5,599.26	39.69	31.29	-171.87	-1,252.88	264.25	733.98	686.20	47.78	15.361		
5,900.00	5,498.41	5,881.50	5,694.67	40.46	31.87	-171.89	-1,278.91	269.34	747.88	699.23	48.65	15.373		
6,000.00	5,590.16	5,980.53	5,790.08	41.23	32.45	-171.91	-1,304.93	274.43	761.78	712.26	49.51	15.385		
6,100.00	5,681.92	6,079.55	5,885.50	42.00	33.03	-171.92	-1,330.96	279.52	775.67	725.29	50.38	15.397		
6,200.00	5,773.67	6,178.58	5,980.91	42.77	33.60	-171.94	-1,356.99	284.61	789.57	738.33	51.24	15.408		
6,300.00	5,865.43	6,277.61	6,076.32	43.54	34.18	-171.95	-1,383.02	289.70	803.47	751.36	52.11	15.419		
6,400.00	5,957.18	6,376.64	6,171.73	44.31	34.76	-171.96	-1,409.05	294.79	817.36	764.39	52.98	15.429		
6,500.00	6,048.94	6,475.67	6,267.14	45.09	35.34	-171.98	-1,435.08	299.88	831.26	777.42	53.84	15.439		
6,600.00	6,140.70	6,574.70	6,362.56	45.86	35.91	-171.99	-1,461.11	304.97	845.16	790.45	54.71	15.449		
6,700.00	6,232.45	6,673.73	6,457.97	46.63	36.49	-172.00	-1,487.13	310.06	859.06	803.48	55.57	15.458		
6,800.00	6,324.21	6,772.76	6,553.38	47.40	37.07	-172.01	-1,513.16	315.15	872.95	816.51	56.44	15.467		
6,900.00	6,415.96	6,871.79	6,648.79	48.17	37.65	-172.02	-1,539.19	320.24	886.85	829.55	57.30	15.476		
7,000.00	6,507.72	6,970.82	6,744.20	48.94	38.23	-172.04	-1,565.22	325.33	900.75	842.58	58.17	15.485		
7,100.00	6,599.48	7,069.85	6,839.62	49.72	38.80	-172.05	-1,591.25	330.42	914.64	855.61	59.04	15.493		
7,200.00	6,691.23	7,168.88	6,935.03	50.49	39.38	-172.06	-1,617.28	335.51	928.54	868.64	59.90	15.501		
7,300.00	6,782.99	7,267.91	7,030.44	51.26	39.96	-172.07	-1,643.31	340.60	942.44	881.67	60.77	15.509		
7,400.00	6,874.74	7,366.94	7,125.85	52.03	40.54	-172.08	-1,669.33	345.69	956.34	894.70	61.63	15.516		
7,500.00	6,966.50	7,465.97	7,221.26	52.80	41.11	-172.09	-1,695.36	350.78	970.23	907.73	62.50	15.524		
7,600.00	7,058.25	7,565.00	7,316.68	53.57	41.69	-172.10	-1,721.39	355.87	984.13	920.76	63.37	15.531		
7,700.00	7,150.01	7,664.03	7,412.09	54.35	42.27	-172.10	-1,747.42	360.96	998.03	933.79	64.23	15.538		
7,800.00	7,241.77	7,762.15	7,506.05	55.12	42.85	-171.78	-1,773.12	371.90	1,011.96	946.77	65.19	15.524		
7,900.00	7,333.52	7,855.66	7,592.66	55.89	43.43	-170.61	-1,796.99	397.43	1,026.27	959.91	66.35	15.466		
8,000.00	7,425.28	7,940.50	7,666.81	56.66	43.96	-168.87	-1,817.58	432.95	1,041.89	974.20	67.69	15.392		
8,029.56	7,452.40	7,963.57	7,686.03	56.89	44.10	-168.30	-1,822.94	444.55	1,046.93	978.83	68.10	15.373		
8,050.00	7,471.13	7,979.12	7,698.71	57.05	44.19	-162.92	-1,826.48	452.81	1,050.53	982.14	68.39	15.361		
8,100.00	7,516.65	8,016.55	7,728.32	57.44	44.43	-150.59	-1,834.79	474.15	1,059.56	990.50	69.07	15.341		
8,150.00	7,561.46	8,053.24	7,755.96	57.84	44.66	-139.81	-1,842.57	496.96	1,068.80	999.10	69.71	15.332		
8,200.00	7,605.22	8,089.27	7,781.69	58.24	44.88	-130.71	-1,849.85	521.11	1,078.12	1,007.81	70.31	15.334		
8,250.00	7,647.60	8,124.75	7,805.53	58.63	45.10	-123.12	-1,856.63	546.49	1,087.40	1,016.54	70.86	15.345		
8,300.00	7,688.27	8,159.74	7,827.52	59.02	45.32	-116.82	-1,862.92	572.97	1,096.50	1,025.14	71.36	15.366		
8,350.00	7,726.93	8,194.32	7,847.66	59.40	45.54	-111.57	-1,868.72	600.46	1,105.33	1,033.52	71.81	15.392		
8,400.00	7,763.27	8,228.54	7,865.99	59.77	45.75	-107.18	-1,874.03	628.86	1,113.77	1,041.55	72.22	15.422		
8,450.00	7,797.04	8,262.45	7,882.49	60.13	45.97	-103.49	-1,878.85	658.08	1,121.73	1,049.14	72.59	15.453		
8,500.00	7,827.95	8,300.00	7,898.79	60.49	46.21	-100.35	-1,883.67	691.56	1,129.13	1,056.05	73.08	15.450		
8,550.00	7,855.79	8,329.50	7,910.08	60.83	46.40	-97.80	-1,887.06	718.60	1,135.85	1,062.59	73.25	15.505		
8,600.00	7,880.34	8,362.72	7,921.18	61.16	46.61	-95.65	-1,890.43	749.73	1,141.86	1,068.29	73.57	15.521		
8,650.00	7,901.41	8,400.00	7,931.52	61.49	46.86	-93.86	-1,893.65	785.39	1,147.08	1,073.02	74.06	15.488		
8,700.00	7,918.85	8,428.71	7,937.95	61.80	47.05	-92.48	-1,895.72	813.29	1,151.45	1,077.23	74.22	15.514		
8,750.00	7,932.51	8,461.53	7,943.64	62.09	47.28	-91.40	-1,897.64	845.55	1,154.93	1,080.36	74.58	15.487		
8,800.00	7,942.31	8,494.27	7,947.52	62.38	47.50	-90.64	-1,899.07	878.02	1,157.50	1,082.54	74.96	15.441		
8,850.00	7,948.15	8,526.95	7,949.61	62.66	47.73	-90.17	-1,900.01	910.62	1,159.12	1,083.73	75.39	15.375		
8,898.08	7,950.00	8,563.54	7,950.00	62.91	47.99	-90.00	-1,900.53	947.20	1,159.73	1,083.67	76.06	15.248		
8,900.00	7,950.00	8,565.46	7,950.00	62.92	48.00	-90.00	-1,900.55	949.12	1,159.73	1,083.62	76.11	15.238		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	8,665.46	7,950.00	63.47	48.78	-90.00	-1,901.70	1,049.11	1,159.69	1,080.93	78.76	14.724		
9,100.00	7,950.00	8,765.46	7,950.00	64.09	49.68	-90.00	-1,902.84	1,149.11	1,159.65	1,077.98	81.67	14.199		
9,200.00	7,950.00	8,865.46	7,950.00	64.78	50.69	-90.00	-1,903.98	1,249.10	1,159.62	1,074.79	84.83	13.670		
9,300.00	7,950.00	8,965.46	7,950.00	65.55	51.83	-90.00	-1,905.12	1,349.09	1,159.58	1,071.38	88.20	13.147		
9,400.00	7,950.00	9,065.46	7,950.00	66.41	53.09	-90.00	-1,906.27	1,449.09	1,159.54	1,067.78	91.76	12.636		
9,500.00	7,950.00	9,165.46	7,950.00	67.35	54.47	-90.00	-1,907.41	1,549.08	1,159.50	1,064.00	95.50	12.141		
9,600.00	7,950.00	9,265.46	7,950.00	68.38	55.96	-90.00	-1,908.55	1,649.08	1,159.46	1,060.08	99.39	11.666		
9,700.00	7,950.00	9,365.46	7,950.00	69.50	57.56	-90.00	-1,909.69	1,749.07	1,159.43	1,056.02	103.41	11.212		
9,800.00	7,950.00	9,465.46	7,950.00	70.71	59.25	-90.00	-1,910.84	1,849.06	1,159.39	1,051.84	107.55	10.780		
9,900.00	7,950.00	9,565.46	7,950.00	72.01	61.03	-90.00	-1,911.98	1,949.06	1,159.35	1,047.55	111.80	10.370		
10,000.00	7,950.00	9,665.46	7,950.00	73.40	62.89	-90.00	-1,913.12	2,049.05	1,159.31	1,043.17	116.14	9.982		
10,100.00	7,950.00	9,765.46	7,950.00	74.87	64.83	-90.00	-1,914.26	2,149.04	1,159.27	1,038.71	120.57	9.615		
10,200.00	7,950.00	9,865.46	7,950.00	76.42	66.82	-90.00	-1,915.40	2,249.04	1,159.24	1,034.17	125.07	9.269		
10,300.00	7,950.00	9,965.46	7,950.00	78.05	68.88	-90.00	-1,916.55	2,349.03	1,159.20	1,029.56	129.64	8.942		
10,400.00	7,950.00	10,065.46	7,950.00	79.75	70.98	-90.00	-1,917.69	2,449.02	1,159.16	1,024.89	134.27	8.633		
10,500.00	7,950.00	10,165.46	7,950.00	81.52	73.13	-90.00	-1,918.83	2,549.02	1,159.12	1,020.17	138.96	8.342		
10,600.00	7,950.00	10,265.46	7,950.00	83.35	75.33	-90.00	-1,919.97	2,649.01	1,159.08	1,015.39	143.69	8.067		
10,700.00	7,950.00	10,365.46	7,950.00	85.24	77.56	-90.00	-1,921.12	2,749.00	1,159.05	1,010.58	148.47	7.807		
10,800.00	7,950.00	10,465.46	7,950.00	87.18	79.82	-90.00	-1,922.26	2,849.00	1,159.01	1,005.72	153.29	7.561		
10,900.00	7,950.00	10,565.46	7,950.00	89.18	82.12	-90.00	-1,923.40	2,948.99	1,158.97	1,000.82	158.15	7.328		
11,000.00	7,950.00	10,665.46	7,950.00	91.22	84.44	-90.00	-1,924.54	3,048.98	1,158.93	995.90	163.04	7.108		
11,100.00	7,950.00	10,765.46	7,950.00	93.30	86.78	-90.00	-1,925.69	3,148.98	1,158.90	990.94	167.96	6.900		
11,200.00	7,950.00	10,865.46	7,950.00	95.43	89.15	-90.00	-1,926.83	3,248.97	1,158.86	985.95	172.91	6.702		
11,300.00	7,950.00	10,965.46	7,950.00	97.58	91.54	-90.00	-1,927.97	3,348.96	1,158.82	980.94	177.88	6.515		
11,400.00	7,950.00	11,065.46	7,950.00	99.78	93.95	-90.00	-1,929.11	3,448.96	1,158.78	975.90	182.88	6.336		
11,500.00	7,950.00	11,165.46	7,950.00	102.00	96.37	-90.00	-1,930.26	3,548.95	1,158.74	970.85	187.90	6.167		
11,600.00	7,950.00	11,265.46	7,950.00	104.25	98.81	-90.00	-1,931.40	3,648.94	1,158.71	965.77	192.94	6.006		
11,700.00	7,950.00	11,365.46	7,950.00	106.52	101.26	-90.00	-1,932.54	3,748.94	1,158.67	960.67	197.99	5.852		
11,800.00	7,950.00	11,465.46	7,950.00	108.82	103.73	-90.00	-1,933.68	3,848.93	1,158.63	955.56	203.07	5.706		
11,900.00	7,950.00	11,565.46	7,950.00	111.14	106.21	-90.00	-1,934.83	3,948.92	1,158.59	950.43	208.16	5.566		
12,000.00	7,950.00	11,665.46	7,950.00	113.48	108.70	-90.00	-1,935.97	4,048.92	1,158.55	945.29	213.26	5.432		
12,100.00	7,950.00	11,765.46	7,950.00	115.84	111.20	-90.00	-1,937.11	4,148.91	1,158.52	940.13	218.38	5.305		
12,200.00	7,950.00	11,865.46	7,950.00	118.21	113.71	-90.00	-1,938.25	4,248.91	1,158.48	934.96	223.51	5.183		
12,300.00	7,950.00	11,965.46	7,950.00	120.61	116.23	-90.00	-1,939.39	4,348.90	1,158.44	929.78	228.66	5.066		
12,400.00	7,950.00	12,065.46	7,950.00	123.01	118.76	-90.00	-1,940.54	4,448.89	1,158.40	924.59	233.81	4.954		
12,500.00	7,950.00	12,165.46	7,950.00	125.43	121.29	-90.00	-1,941.68	4,548.89	1,158.36	919.39	238.98	4.847		
12,600.00	7,950.00	12,265.46	7,950.00	127.87	123.84	-90.00	-1,942.82	4,648.88	1,158.33	914.18	244.15	4.744		
12,700.00	7,950.00	12,365.46	7,950.00	130.31	126.38	-90.00	-1,943.96	4,748.87	1,158.29	908.95	249.34	4.646		
12,800.00	7,950.00	12,465.46	7,950.00	132.77	128.94	-90.00	-1,945.11	4,848.87	1,158.25	903.72	254.53	4.551		
12,900.00	7,950.00	12,565.46	7,950.00	135.24	131.50	-90.00	-1,946.25	4,948.86	1,158.21	898.49	259.73	4.459		
13,000.00	7,950.00	12,665.46	7,950.00	137.71	134.07	-90.00	-1,947.39	5,048.85	1,158.18	893.24	264.94	4.372		
13,100.00	7,950.00	12,765.46	7,950.00	140.20	136.64	-90.00	-1,948.53	5,148.85	1,158.14	887.99	270.15	4.287		
13,200.00	7,950.00	12,865.46	7,950.00	142.69	139.22	-90.00	-1,949.68	5,248.84	1,158.10	882.73	275.37	4.206		
13,300.00	7,950.00	12,965.46	7,950.00	145.20	141.80	-90.00	-1,950.82	5,348.83	1,158.06	877.46	280.60	4.127		
13,400.00	7,950.00	13,065.46	7,950.00	147.71	144.39	-90.00	-1,951.96	5,448.83	1,158.02	872.19	285.83	4.051		
13,500.00	7,950.00	13,165.46	7,950.00	150.23	146.98	-90.00	-1,953.10	5,548.82	1,157.99	866.91	291.07	3.978		
13,600.00	7,950.00	13,265.46	7,950.00	152.75	149.57	-90.00	-1,954.25	5,648.81	1,157.95	861.63	296.32	3.908		
13,700.00	7,950.00	13,365.46	7,950.00	155.28	152.17	-90.00	-1,955.39	5,748.81	1,157.91	856.34	301.57	3.840		
13,800.00	7,950.00	13,465.46	7,950.00	157.82	154.77	-90.00	-1,956.53	5,848.80	1,157.87	851.05	306.82	3.774		
13,900.00	7,950.00	13,565.46	7,950.00	160.36	157.38	-90.00	-1,957.67	5,948.79	1,157.83	845.75	312.08	3.710		
14,000.00	7,950.00	13,665.46	7,950.00	162.91	159.98	-90.00	-1,958.82	6,048.79	1,157.80	840.45	317.35	3.648		
14,100.00	7,950.00	13,765.46	7,950.00	165.47	162.59	-90.00	-1,959.96	6,148.78	1,157.76	835.14	322.61	3.589		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - PROSPER FARMS 4-65 14-13 3BH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,200.00	7,950.00	13,865.46	7,950.00	168.02	165.21	-90.00	-1,961.10	6,248.77	1,157.72	829.83	327.89	3.531		
14,300.00	7,950.00	13,965.46	7,950.00	170.59	167.82	-90.00	-1,962.24	6,348.77	1,157.68	824.52	333.16	3.475		
14,400.00	7,950.00	14,065.46	7,950.00	173.15	170.44	-90.00	-1,963.38	6,448.76	1,157.64	819.20	338.44	3.421		
14,500.00	7,950.00	14,165.46	7,950.00	175.73	173.06	-90.00	-1,964.53	6,548.76	1,157.61	813.88	343.72	3.368		
14,600.00	7,950.00	14,265.46	7,950.00	178.30	175.69	-90.00	-1,965.67	6,648.75	1,157.57	808.56	349.01	3.317		
14,700.00	7,950.00	14,365.46	7,950.00	180.88	178.31	-90.00	-1,966.81	6,748.74	1,157.53	803.23	354.30	3.267		
14,800.00	7,950.00	14,465.46	7,950.00	183.46	180.94	-90.00	-1,967.95	6,848.74	1,157.49	797.90	359.59	3.219		
14,900.00	7,950.00	14,565.46	7,950.00	186.05	183.57	-90.00	-1,969.10	6,948.73	1,157.45	792.57	364.89	3.172		
15,000.00	7,950.00	14,665.46	7,950.00	188.64	186.20	-90.00	-1,970.24	7,048.72	1,157.42	787.23	370.18	3.127		
15,100.00	7,950.00	14,765.46	7,950.00	191.23	188.84	-90.00	-1,971.38	7,148.72	1,157.38	781.90	375.48	3.082		
15,200.00	7,950.00	14,865.46	7,950.00	193.83	191.47	-90.00	-1,972.52	7,248.71	1,157.34	776.56	380.79	3.039		
15,300.00	7,950.00	14,965.46	7,950.00	196.43	194.11	-90.00	-1,973.67	7,348.70	1,157.30	771.21	386.09	2.997		
15,400.00	7,950.00	15,065.46	7,950.00	199.03	196.75	-90.00	-1,974.81	7,448.70	1,157.27	765.87	391.40	2.957		
15,500.00	7,950.00	15,165.46	7,950.00	201.63	199.39	-90.00	-1,975.95	7,548.69	1,157.23	760.52	396.71	2.917		
15,600.00	7,950.00	15,265.46	7,950.00	204.24	202.03	-90.00	-1,977.09	7,648.68	1,157.19	755.17	402.02	2.878		
15,700.00	7,950.00	15,365.46	7,950.00	206.85	204.67	-90.00	-1,978.24	7,748.68	1,157.15	749.82	407.33	2.841		
15,800.00	7,950.00	15,465.46	7,950.00	209.46	207.32	-90.00	-1,979.38	7,848.67	1,157.11	744.46	412.65	2.804		
15,900.00	7,950.00	15,565.46	7,950.00	212.08	209.96	-90.00	-1,980.52	7,948.66	1,157.08	739.11	417.97	2.768		
16,000.00	7,950.00	15,665.46	7,950.00	214.69	212.61	-90.00	-1,981.66	8,048.66	1,157.04	733.75	423.29	2.733		
16,100.00	7,950.00	15,765.46	7,950.00	217.31	215.26	-90.00	-1,982.81	8,148.65	1,157.00	728.39	428.61	2.699		
16,200.00	7,950.00	15,865.46	7,950.00	219.93	217.91	-90.00	-1,983.95	8,248.64	1,156.96	723.03	433.93	2.666		
16,300.00	7,950.00	15,965.46	7,950.00	222.55	220.56	-90.00	-1,985.09	8,348.64	1,156.92	717.67	439.25	2.634		
16,400.00	7,950.00	16,065.46	7,950.00	225.18	223.21	-90.00	-1,986.23	8,448.63	1,156.89	712.31	444.58	2.602		
16,500.00	7,950.00	16,165.46	7,950.00	227.80	225.86	-90.00	-1,987.37	8,548.62	1,156.85	706.94	449.91	2.571		
16,600.00	7,950.00	16,265.46	7,950.00	230.43	228.52	-90.00	-1,988.52	8,648.62	1,156.81	701.57	455.24	2.541		
16,680.54	7,950.00	16,346.00	7,950.00	232.54	230.66	-90.00	-1,989.44	8,729.15	1,156.78	697.25	459.53	2.517 SF		

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.90	0.00	49.90					
100.00	100.00	100.00	100.00	0.13	0.13	0.00	49.90	0.00	49.90	49.63	0.27	185.604		
200.00	200.00	200.00	200.00	0.49	0.49	0.00	49.90	0.00	49.90	48.91	0.99	50.619		
250.00	250.00	250.00	250.00	0.67	0.67	0.00	49.90	0.00	49.90	48.56	1.34	37.121		
300.00	300.00	300.88	300.87	0.84	0.85	-172.68	49.45	0.07	49.89	48.20	1.69	29.526		
400.00	399.93	402.63	402.55	1.18	1.19	-172.56	45.88	0.62	49.85	47.47	2.37	21.009		
500.00	499.68	504.37	504.04	1.54	1.56	-172.33	38.75	1.73	49.75	46.68	3.07	16.181		
600.00	599.13	606.11	605.20	1.91	1.94	-171.98	28.06	3.38	49.61	45.83	3.79	13.106		
700.00	698.15	707.85	705.90	2.31	2.35	-171.50	13.82	5.59	49.43	44.93	4.50	10.976		
800.00	796.63	809.57	806.02	2.74	2.79	-170.91	-3.93	8.34	49.21	43.98	5.23	9.408		
900.00	894.44	911.28	905.42	3.20	3.26	-170.19	-25.19	11.64	48.95	42.98	5.97	8.202		
1,000.00	991.46	1,012.97	1,003.98	3.70	3.77	-169.35	-49.91	15.47	48.65	41.93	6.72	7.241		
1,100.00	1,087.58	1,114.65	1,101.58	4.24	4.33	-168.38	-78.07	19.83	48.33	40.85	7.48	6.459		
1,200.00	1,182.68	1,216.30	1,198.08	4.82	4.92	-167.27	-109.63	24.72	47.98	39.71	8.27	5.801		
1,229.59	1,210.61	1,246.21	1,226.26	5.01	5.11	-166.92	-119.53	26.25	47.90	39.38	8.51	5.626 CC, ES		
1,300.00	1,276.65	1,316.61	1,292.53	5.45	5.55	-166.40	-143.00	29.89	48.74	39.63	9.11	5.349		
1,400.00	1,369.36	1,416.52	1,386.59	6.13	6.19	-166.47	-176.31	35.05	52.83	42.87	9.97	5.301		
1,421.41	1,389.04	1,437.89	1,406.70	6.28	6.33	-166.59	-183.44	36.16	54.15	44.00	10.15	5.335		
1,500.00	1,461.15	1,516.31	1,480.53	6.84	6.83	-167.08	-209.58	40.21	59.27	48.45	10.82	5.477		
1,600.00	1,552.91	1,616.10	1,574.46	7.57	7.49	-167.59	-242.84	45.36	65.79	54.11	11.68	5.633		
1,700.00	1,644.66	1,715.88	1,668.40	8.30	8.14	-168.02	-276.11	50.52	72.32	59.78	12.54	5.765		
1,800.00	1,736.42	1,815.67	1,762.33	9.04	8.80	-168.37	-309.38	55.67	78.85	65.44	13.41	5.878		
1,900.00	1,828.17	1,915.45	1,856.27	9.79	9.47	-168.66	-342.64	60.83	85.38	71.10	14.29	5.977		
2,000.00	1,919.93	2,015.24	1,950.21	10.54	10.13	-168.92	-375.91	65.98	91.92	76.75	15.16	6.062		
2,100.00	2,011.68	2,115.02	2,044.14	11.29	10.80	-169.14	-409.17	71.14	98.45	82.41	16.04	6.138		
2,200.00	2,103.44	2,214.81	2,138.08	12.05	11.47	-169.33	-442.44	76.29	104.99	88.07	16.92	6.204		
2,300.00	2,195.20	2,314.59	2,232.01	12.80	12.14	-169.50	-475.71	81.45	111.53	93.72	17.80	6.264		
2,400.00	2,286.95	2,414.38	2,325.95	13.56	12.81	-169.66	-508.97	86.60	118.07	99.38	18.69	6.318		
2,500.00	2,378.71	2,514.17	2,419.89	14.32	13.48	-169.79	-542.24	91.76	124.60	105.03	19.57	6.366		
2,600.00	2,470.46	2,613.95	2,513.82	15.09	14.15	-169.91	-575.50	96.91	131.14	110.68	20.46	6.410		
2,700.00	2,562.22	2,713.74	2,607.76	15.85	14.83	-170.02	-608.77	102.06	137.69	116.34	21.35	6.449		
2,800.00	2,653.98	2,813.52	2,701.69	16.61	15.50	-170.13	-642.04	107.22	144.23	121.99	22.24	6.486		
2,900.00	2,745.73	2,913.31	2,795.63	17.38	16.18	-170.22	-675.30	112.37	150.77	127.64	23.13	6.519		
3,000.00	2,837.49	3,013.09	2,889.56	18.14	16.85	-170.30	-708.57	117.53	157.31	133.29	24.02	6.550		
3,100.00	2,929.24	3,112.88	2,983.50	18.91	17.53	-170.38	-741.83	122.68	163.85	138.94	24.91	6.578		
3,200.00	3,021.00	3,212.66	3,077.44	19.67	18.20	-170.45	-775.10	127.84	170.39	144.59	25.80	6.604		
3,300.00	3,112.75	3,312.45	3,171.37	20.44	18.88	-170.52	-808.36	132.99	176.94	150.24	26.69	6.629		
3,400.00	3,204.51	3,412.24	3,265.31	21.21	19.56	-170.58	-841.63	138.15	183.48	155.89	27.59	6.651		
3,500.00	3,296.27	3,512.02	3,359.24	21.98	20.23	-170.64	-874.90	143.30	190.02	161.54	28.48	6.672		
3,600.00	3,388.02	3,611.81	3,453.18	22.74	20.91	-170.69	-908.16	148.46	196.57	167.19	29.37	6.692		
3,700.00	3,479.78	3,711.59	3,547.12	23.51	21.59	-170.74	-941.43	153.61	203.11	172.84	30.27	6.711		
3,800.00	3,571.53	3,811.38	3,641.05	24.28	22.27	-170.79	-974.69	158.77	209.65	178.49	31.16	6.728		
3,900.00	3,663.29	3,911.16	3,734.99	25.05	22.94	-170.83	-1,007.96	163.92	216.20	184.14	32.05	6.745		
4,000.00	3,755.05	4,010.95	3,828.92	25.82	23.62	-170.87	-1,041.23	169.08	222.74	189.79	32.95	6.760		
4,100.00	3,846.80	4,110.73	3,922.86	26.59	24.30	-170.91	-1,074.49	174.23	229.28	195.44	33.84	6.775		
4,200.00	3,938.56	4,210.52	4,016.80	27.36	24.98	-170.95	-1,107.76	179.39	235.83	201.09	34.74	6.788		
4,300.00	4,030.31	4,310.30	4,110.73	28.13	25.66	-170.98	-1,141.02	184.54	242.37	206.74	35.64	6.801		
4,400.00	4,122.07	4,410.09	4,204.67	28.90	26.34	-171.02	-1,174.29	189.70	248.92	212.39	36.53	6.814		
4,500.00	4,213.82	4,509.88	4,298.60	29.67	27.01	-171.05	-1,207.56	194.85	255.46	218.03	37.43	6.826		
4,600.00	4,305.58	4,609.66	4,392.54	30.44	27.69	-171.08	-1,240.82	200.00	262.01	223.68	38.32	6.837		
4,700.00	4,397.34	4,709.45	4,486.48	31.21	28.37	-171.11	-1,274.09	205.16	268.55	229.33	39.22	6.847		
4,800.00	4,489.09	4,809.23	4,580.41	31.98	29.05	-171.13	-1,307.35	210.31	275.09	234.98	40.12	6.857		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,900.00	4,580.85	4,909.02	4,674.35	32.75	29.73	-171.16	-1,340.62	215.47	281.64	240.63	41.01	6.867		
5,000.00	4,672.60	5,008.80	4,768.28	33.52	30.41	-171.18	-1,373.89	220.62	288.18	246.27	41.91	6.876		
5,100.00	4,764.36	5,108.59	4,862.22	34.29	31.09	-171.21	-1,407.15	225.78	294.73	251.92	42.81	6.885		
5,200.00	4,856.12	5,208.37	4,956.16	35.06	31.77	-171.23	-1,440.42	230.93	301.27	257.57	43.70	6.894		
5,300.00	4,947.87	5,308.16	5,050.09	35.83	32.45	-171.25	-1,473.68	236.09	307.82	263.22	44.60	6.902		
5,400.00	5,039.63	5,407.95	5,144.03	36.60	33.13	-171.27	-1,506.95	241.24	314.36	268.86	45.50	6.909		
5,500.00	5,131.38	5,507.73	5,237.96	37.37	33.81	-171.29	-1,540.22	246.40	320.91	274.51	46.39	6.917		
5,600.00	5,223.14	5,607.52	5,331.90	38.14	34.49	-171.31	-1,573.48	251.55	327.45	280.16	47.29	6.924		
5,700.00	5,314.89	5,707.30	5,425.84	38.91	35.17	-171.33	-1,606.75	256.71	334.00	285.81	48.19	6.931		
5,800.00	5,406.65	5,807.09	5,519.77	39.69	35.84	-171.35	-1,640.01	261.86	340.54	291.45	49.09	6.937		
5,900.00	5,498.41	5,906.87	5,613.71	40.46	36.52	-171.36	-1,673.28	267.02	347.09	297.10	49.98	6.944		
6,000.00	5,590.16	6,006.66	5,707.64	41.23	37.20	-171.38	-1,706.54	272.17	353.63	302.75	50.88	6.950		
6,100.00	5,681.92	6,106.44	5,801.58	42.00	37.88	-171.40	-1,739.81	277.33	360.18	308.40	51.78	6.956		
6,200.00	5,773.67	6,206.23	5,895.51	42.77	38.56	-171.41	-1,773.08	282.48	366.72	314.04	52.68	6.962		
6,300.00	5,865.43	6,306.02	5,989.45	43.54	39.24	-171.43	-1,806.34	287.64	373.27	319.69	53.58	6.967		
6,400.00	5,957.18	6,405.80	6,083.39	44.31	39.92	-171.44	-1,839.61	292.79	379.81	325.34	54.47	6.972		
6,500.00	6,048.94	6,505.59	6,177.32	45.09	40.60	-171.45	-1,872.87	297.94	386.36	330.99	55.37	6.977		
6,600.00	6,140.70	6,605.37	6,271.26	45.86	41.28	-171.47	-1,906.14	303.10	392.90	336.63	56.27	6.982		
6,700.00	6,232.45	6,705.16	6,365.19	46.63	41.96	-171.48	-1,939.41	308.25	399.45	342.28	57.17	6.987		
6,800.00	6,324.21	6,804.94	6,459.13	47.40	42.64	-171.49	-1,972.67	313.41	405.99	347.93	58.07	6.992		
6,900.00	6,415.96	6,904.73	6,553.07	48.17	43.32	-171.50	-2,005.94	318.56	412.54	353.57	58.96	6.996		
7,000.00	6,507.72	7,004.51	6,647.00	48.94	44.00	-171.52	-2,039.20	323.72	419.08	359.22	59.86	7.001		
7,100.00	6,599.48	7,104.30	6,740.94	49.72	44.68	-171.53	-2,072.47	328.87	425.63	364.87	60.76	7.005		
7,200.00	6,691.23	7,204.09	6,834.87	50.49	45.36	-171.54	-2,105.74	334.03	432.17	370.51	61.66	7.009		
7,300.00	6,782.99	7,303.87	6,928.81	51.26	46.04	-171.55	-2,139.00	339.18	438.72	376.16	62.56	7.013		
7,400.00	6,874.74	7,403.66	7,022.75	52.03	46.72	-171.56	-2,172.27	344.34	445.26	381.81	63.46	7.017		
7,500.00	6,966.50	7,503.44	7,116.68	52.80	47.40	-171.57	-2,205.53	349.49	451.81	387.45	64.36	7.021		
7,600.00	7,058.25	7,603.23	7,210.62	53.57	48.08	-171.58	-2,238.80	354.65	458.35	393.10	65.25	7.024		
7,700.00	7,150.01	7,703.01	7,304.55	54.35	48.76	-171.59	-2,272.07	359.80	464.90	398.75	66.15	7.028		
7,800.00	7,241.77	7,802.31	7,397.95	55.12	49.44	-171.60	-2,305.34	364.96	471.46	404.38	67.05	7.032		
7,900.00	7,333.52	7,898.52	7,486.73	55.89	50.12	-169.80	-2,338.61	369.99	478.48	410.00	67.95	7.036		
8,000.00	7,425.28	7,987.78	7,565.33	56.66	50.75	-166.64	-2,364.89	416.20	487.40	416.88	70.51	6.912		
8,029.56	7,452.40	8,012.34	7,586.05	56.89	50.92	-165.52	-2,372.34	427.07	490.73	419.51	71.22	6.890		
8,050.00	7,471.13	8,028.92	7,599.78	57.05	51.04	-159.87	-2,377.29	434.93	493.23	421.51	71.72	6.877		
8,100.00	7,516.65	8,068.82	7,631.89	57.44	51.31	-146.92	-2,388.87	455.57	499.79	426.92	72.88	6.858		
8,150.00	7,561.46	8,107.86	7,661.92	57.84	51.58	-135.58	-2,399.75	478.01	506.84	432.93	73.91	6.858		
8,200.00	7,605.22	8,146.17	7,689.91	58.24	51.85	-125.96	-2,409.92	502.10	514.22	439.44	74.78	6.877		
8,250.00	7,647.60	8,183.83	7,715.88	58.63	52.10	-117.93	-2,419.39	527.66	521.77	446.31	75.46	6.914		
8,300.00	7,688.27	8,220.92	7,739.85	59.02	52.35	-111.23	-2,428.17	554.56	529.35	453.40	75.95	6.970		
8,350.00	7,726.93	8,257.51	7,761.84	59.40	52.59	-105.63	-2,436.27	582.66	536.83	460.59	76.25	7.041		
8,400.00	7,763.27	8,293.67	7,781.85	59.77	52.83	-100.94	-2,443.67	611.84	544.09	467.72	76.37	7.125		
8,450.00	7,797.04	8,329.45	7,799.91	60.13	53.06	-97.00	-2,450.40	641.99	551.00	474.67	76.33	7.218		
8,500.00	7,827.95	8,364.91	7,816.01	60.49	53.28	-93.69	-2,456.45	672.99	557.47	481.30	76.16	7.319		
8,550.00	7,855.79	8,400.00	7,830.13	60.83	53.51	-90.93	-2,461.80	704.65	563.40	487.52	75.88	7.425		
8,600.00	7,880.34	8,435.02	7,842.37	61.16	53.73	-88.63	-2,466.50	737.12	568.72	493.17	75.55	7.528		
8,650.00	7,901.41	8,469.76	7,852.64	61.49	53.94	-86.75	-2,470.51	770.05	573.36	498.19	75.17	7.627		
8,700.00	7,918.85	8,504.33	7,860.97	61.80	54.16	-85.26	-2,473.83	803.44	577.27	502.48	74.78	7.719		
8,750.00	7,932.51	8,538.77	7,867.37	62.09	54.37	-84.12	-2,476.48	837.17	580.39	505.96	74.42	7.798		
8,800.00	7,942.31	8,573.11	7,871.83	62.38	54.58	-83.30	-2,478.45	871.16	582.68	508.56	74.12	7.862		
8,850.00	7,948.15	8,607.38	7,874.36	62.66	54.79	-82.81	-2,479.73	905.31	584.13	510.25	73.89	7.906		
8,898.08	7,950.00	8,642.67	7,875.00	62.91	55.00	-82.63	-2,480.36	940.57	584.69	510.74	73.95	7.907		
8,900.00	7,950.00	8,644.59	7,875.00	62.92	55.01	-82.63	-2,480.38	942.50	584.69	510.70	74.00	7.902		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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 15-T4S-R65W - PROSPER FARMS 4-65 14-13 4AH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,950.00	8,744.59	7,875.00	63.47	55.66	-82.63	-2,481.52	1,042.49	584.66	508.08	76.58	7.634		
9,100.00	7,950.00	8,844.59	7,875.00	64.09	56.40	-82.63	-2,482.67	1,142.49	584.62	505.19	79.43	7.360		
9,200.00	7,950.00	8,944.59	7,875.00	64.78	57.23	-82.63	-2,483.81	1,242.48	584.58	502.06	82.52	7.084		
9,300.00	7,950.00	9,044.59	7,875.00	65.55	58.16	-82.63	-2,484.95	1,342.47	584.54	498.70	85.84	6.810		
9,400.00	7,950.00	9,144.59	7,875.00	66.41	59.19	-82.63	-2,486.10	1,442.47	584.50	495.15	89.36	6.541		
9,500.00	7,950.00	9,244.59	7,875.00	67.35	60.33	-82.63	-2,487.24	1,542.46	584.47	491.42	93.05	6.281		
9,600.00	7,950.00	9,344.59	7,875.00	68.38	61.57	-82.63	-2,488.38	1,642.45	584.43	487.54	96.89	6.032		
9,700.00	7,950.00	9,444.59	7,875.00	69.50	62.91	-82.63	-2,489.52	1,742.45	584.39	483.52	100.87	5.793		
9,800.00	7,950.00	9,544.59	7,875.00	70.71	64.35	-82.63	-2,490.67	1,842.44	584.35	479.38	104.98	5.566		
9,900.00	7,950.00	9,644.59	7,875.00	72.01	65.89	-82.63	-2,491.81	1,942.43	584.31	475.13	109.19	5.351		
10,000.00	7,950.00	9,744.59	7,875.00	73.40	67.51	-82.62	-2,492.95	2,042.43	584.28	470.78	113.50	5.148		
10,100.00	7,950.00	9,844.59	7,875.00	74.87	69.22	-82.62	-2,494.09	2,142.42	584.24	466.35	117.89	4.956		
10,200.00	7,950.00	9,944.59	7,875.00	76.42	71.00	-82.62	-2,495.24	2,242.41	584.20	461.84	122.36	4.774		
10,300.00	7,950.00	10,044.59	7,875.00	78.05	72.86	-82.62	-2,496.38	2,342.41	584.16	457.27	126.90	4.603		
10,400.00	7,950.00	10,144.59	7,875.00	79.75	74.78	-82.62	-2,497.52	2,442.40	584.12	452.63	131.50	4.442		
10,500.00	7,950.00	10,244.59	7,875.00	81.52	76.75	-82.62	-2,498.67	2,542.39	584.09	447.94	136.15	4.290		
10,600.00	7,950.00	10,344.59	7,875.00	83.35	78.78	-82.62	-2,499.81	2,642.39	584.05	443.20	140.85	4.147		
10,700.00	7,950.00	10,444.59	7,875.00	85.24	80.86	-82.62	-2,500.95	2,742.38	584.01	438.41	145.60	4.011		
10,800.00	7,950.00	10,544.59	7,875.00	87.18	82.99	-82.62	-2,502.09	2,842.37	583.97	433.59	150.39	3.883		
10,900.00	7,950.00	10,644.59	7,875.00	89.18	85.15	-82.62	-2,503.24	2,942.37	583.93	428.72	155.21	3.762		
11,000.00	7,950.00	10,744.59	7,875.00	91.22	87.35	-82.62	-2,504.38	3,042.36	583.90	423.83	160.07	3.648		
11,100.00	7,950.00	10,844.59	7,875.00	93.30	89.58	-82.62	-2,505.52	3,142.36	583.86	418.90	164.96	3.539		
11,200.00	7,950.00	10,944.59	7,875.00	95.43	91.84	-82.62	-2,506.66	3,242.35	583.82	413.95	169.87	3.437		
11,300.00	7,950.00	11,044.59	7,875.00	97.58	94.13	-82.62	-2,507.81	3,342.34	583.78	408.97	174.82	3.339		
11,400.00	7,950.00	11,144.59	7,875.00	99.78	96.45	-82.62	-2,508.95	3,442.34	583.75	403.96	179.78	3.247		
11,500.00	7,950.00	11,244.59	7,875.00	102.00	98.78	-82.62	-2,510.09	3,542.33	583.71	398.94	184.77	3.159		
11,600.00	7,950.00	11,344.59	7,875.00	104.25	101.14	-82.62	-2,511.24	3,642.32	583.67	393.90	189.77	3.076		
11,700.00	7,950.00	11,444.59	7,875.00	106.52	103.52	-82.62	-2,512.38	3,742.32	583.63	388.83	194.80	2.996		
11,800.00	7,950.00	11,544.59	7,875.00	108.82	105.91	-82.62	-2,513.52	3,842.31	583.59	383.75	199.84	2.920		
11,900.00	7,950.00	11,644.59	7,875.00	111.14	108.33	-82.62	-2,514.66	3,942.30	583.56	378.66	204.90	2.848		
12,000.00	7,950.00	11,744.59	7,875.00	113.48	110.75	-82.62	-2,515.81	4,042.30	583.52	373.55	209.97	2.779		
12,100.00	7,950.00	11,844.59	7,875.00	115.84	113.19	-82.61	-2,516.95	4,142.29	583.48	368.43	215.05	2.713		
12,200.00	7,950.00	11,944.59	7,875.00	118.21	115.65	-82.61	-2,518.09	4,242.28	583.44	363.29	220.15	2.650		
12,300.00	7,950.00	12,044.59	7,875.00	120.61	118.11	-82.61	-2,519.23	4,342.28	583.40	358.14	225.26	2.590		
12,400.00	7,950.00	12,144.59	7,875.00	123.01	120.59	-82.61	-2,520.38	4,442.27	583.37	352.99	230.38	2.532		
12,500.00	7,950.00	12,244.59	7,875.00	125.43	123.07	-82.61	-2,521.52	4,542.26	583.33	347.82	235.51	2.477		
12,600.00	7,950.00	12,344.59	7,875.00	127.87	125.57	-82.61	-2,522.66	4,642.26	583.29	342.64	240.65	2.424		
12,700.00	7,950.00	12,444.59	7,875.00	130.31	128.08	-82.61	-2,523.81	4,742.25	583.25	337.45	245.80	2.373		
12,800.00	7,950.00	12,544.59	7,875.00	132.77	130.59	-82.61	-2,524.95	4,842.24	583.21	332.26	250.96	2.324		
12,900.00	7,950.00	12,644.59	7,875.00	135.24	133.11	-82.61	-2,526.09	4,942.24	583.18	327.06	256.12	2.277		
13,000.00	7,950.00	12,744.59	7,875.00	137.71	135.64	-82.61	-2,527.23	5,042.23	583.14	321.85	261.29	2.232		
13,100.00	7,950.00	12,844.59	7,875.00	140.20	138.18	-82.61	-2,528.38	5,142.22	583.10	316.63	266.47	2.188		
13,200.00	7,950.00	12,944.59	7,875.00	142.69	140.72	-82.61	-2,529.52	5,242.22	583.06	311.40	271.66	2.146		
13,300.00	7,950.00	13,044.59	7,875.00	145.20	143.27	-82.61	-2,530.66	5,342.21	583.02	306.17	276.85	2.106		
13,400.00	7,950.00	13,144.59	7,875.00	147.71	145.82	-82.61	-2,531.81	5,442.20	582.99	300.94	282.05	2.067		
13,500.00	7,950.00	13,244.59	7,875.00	150.23	148.38	-82.61	-2,532.95	5,542.20	582.95	295.70	287.25	2.029		
13,600.00	7,950.00	13,344.59	7,875.00	152.75	150.94	-82.61	-2,534.09	5,642.19	582.91	290.45	292.46	1.993		
13,700.00	7,950.00	13,444.59	7,875.00	155.28	153.51	-82.61	-2,535.23	5,742.19	582.87	285.20	297.67	1.958		
13,800.00	7,950.00	13,544.59	7,875.00	157.82	156.09	-82.61	-2,536.38	5,842.18	582.83	279.94	302.89	1.924		
13,900.00	7,950.00	13,644.59	7,875.00	160.36	158.67	-82.61	-2,537.52	5,942.17	582.80	274.68	308.12	1.891		
14,000.00	7,950.00	13,744.59	7,875.00	162.91	161.25	-82.61	-2,538.66	6,042.17	582.76	269.42	313.34	1.860		
14,100.00	7,950.00	13,844.59	7,875.00	165.47	163.84	-82.61	-2,539.80	6,142.16	582.72	264.15	318.57	1.829		

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 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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>Offset Design</b> SEC 15-T4S-R65W - PROSPER FARMS 4-65 14-13 4AH - OWB - PROPOSAL 1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-MWD OWSG												<b>Offset Well Error:</b>	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,200.00	7,950.00	13,944.59	7,875.00	168.02	166.43	-82.60	-2,540.95	6,242.15	582.68	258.87	323.81	1.799	
14,300.00	7,950.00	14,044.59	7,875.00	170.59	169.02	-82.60	-2,542.09	6,342.15	582.64	253.60	329.05	1.771	
14,400.00	7,950.00	14,144.59	7,875.00	173.15	171.62	-82.60	-2,543.23	6,442.14	582.61	248.32	334.29	1.743	
14,500.00	7,950.00	14,244.59	7,875.00	175.73	174.22	-82.60	-2,544.38	6,542.13	582.57	243.03	339.54	1.716	
14,600.00	7,950.00	14,344.59	7,875.00	178.30	176.82	-82.60	-2,545.52	6,642.13	582.53	237.75	344.78	1.690	
14,700.00	7,950.00	14,444.59	7,875.00	180.88	179.43	-82.60	-2,546.66	6,742.12	582.49	232.46	350.04	1.664	
14,800.00	7,950.00	14,544.59	7,875.00	183.46	182.03	-82.60	-2,547.80	6,842.11	582.45	227.16	355.29	1.639	
14,900.00	7,950.00	14,644.59	7,875.00	186.05	184.65	-82.60	-2,548.95	6,942.11	582.42	221.87	360.55	1.615	
15,000.00	7,950.00	14,744.59	7,875.00	188.64	187.26	-82.60	-2,550.09	7,042.10	582.38	216.57	365.81	1.592	
15,100.00	7,950.00	14,844.59	7,875.00	191.23	189.88	-82.60	-2,551.23	7,142.09	582.34	211.27	371.07	1.569	
15,200.00	7,950.00	14,944.59	7,875.00	193.83	192.49	-82.60	-2,552.37	7,242.09	582.30	205.97	376.34	1.547	
15,300.00	7,950.00	15,044.59	7,875.00	196.43	195.12	-82.60	-2,553.52	7,342.08	582.26	200.66	381.60	1.526	
15,400.00	7,950.00	15,144.59	7,875.00	199.03	197.74	-82.60	-2,554.66	7,442.07	582.23	195.35	386.87	1.505	
15,500.00	7,950.00	15,244.59	7,875.00	201.63	200.36	-82.60	-2,555.80	7,542.07	582.19	190.04	392.15	1.485	Level 3
15,600.00	7,950.00	15,344.59	7,875.00	204.24	202.99	-82.60	-2,556.95	7,642.06	582.15	184.73	397.42	1.465	Level 3
15,700.00	7,950.00	15,444.59	7,875.00	206.85	205.62	-82.60	-2,558.09	7,742.05	582.11	179.42	402.70	1.446	Level 3
15,800.00	7,950.00	15,544.59	7,875.00	209.46	208.25	-82.60	-2,559.23	7,842.05	582.07	174.10	407.97	1.427	Level 3
15,900.00	7,950.00	15,644.59	7,875.00	212.08	210.88	-82.60	-2,560.37	7,942.04	582.04	168.78	413.25	1.408	Level 3
16,000.00	7,950.00	15,744.59	7,875.00	214.69	213.52	-82.60	-2,561.52	8,042.03	582.00	163.47	418.53	1.391	Level 3
16,100.00	7,950.00	15,844.59	7,875.00	217.31	216.15	-82.60	-2,562.66	8,142.03	581.96	158.14	423.82	1.373	Level 3
16,200.00	7,950.00	15,944.59	7,875.00	219.93	218.79	-82.59	-2,563.80	8,242.02	581.92	152.82	429.10	1.356	Level 3
16,300.00	7,950.00	16,044.59	7,875.00	222.55	221.43	-82.59	-2,564.94	8,342.02	581.89	147.50	434.39	1.340	Level 3
16,400.00	7,950.00	16,144.59	7,875.00	225.18	224.07	-82.59	-2,566.09	8,442.01	581.85	142.17	439.68	1.323	Level 3
16,500.00	7,950.00	16,244.59	7,875.00	227.80	226.71	-82.59	-2,567.23	8,542.00	581.81	136.84	444.96	1.308	Level 3
16,600.00	7,950.00	16,344.59	7,875.00	230.43	229.35	-82.59	-2,568.37	8,642.00	581.77	131.52	450.25	1.292	Level 3
16,680.54	7,950.00	16,425.13	7,875.00	232.54	231.48	-82.59	-2,569.29	8,722.53	581.74	127.22	454.52	1.280	Level 3, SF

# Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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' @ 5718.30usft

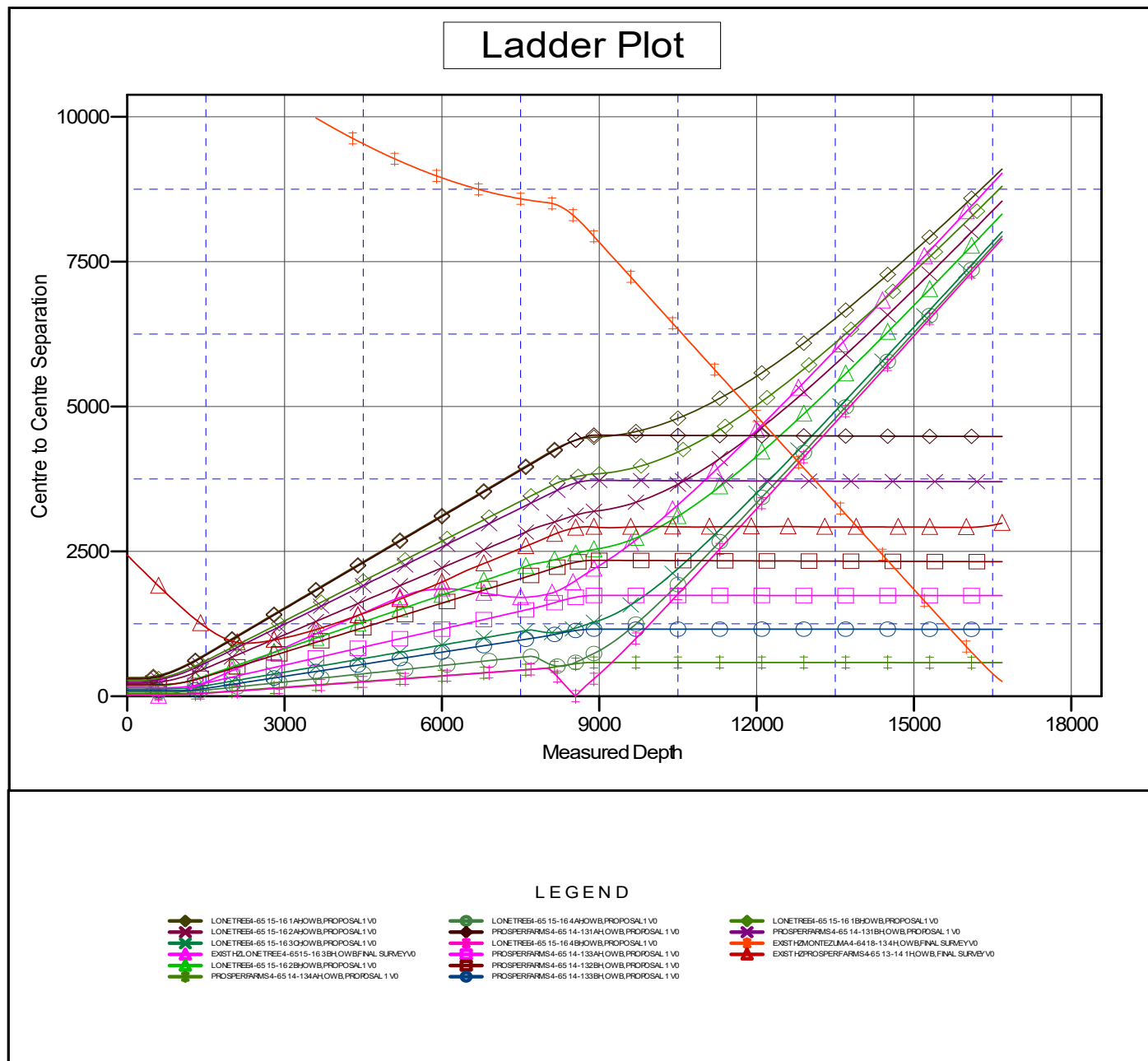
Offset Depths are relative to Offset Datum

Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 14-13 4BH

Coordinate System is US State Plane 1983, Colorado Central Zone

Grid Convergence at Surface is: 0.54°



## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROSPER FARMS 4-65 14-13 4BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5718.30usft
<b>Reference Site:</b>	SEC 15-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5718.30usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROSPER FARMS 4-65 14-13 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' @ 5718.30usft

Offset Depths are relative to Offset Datum

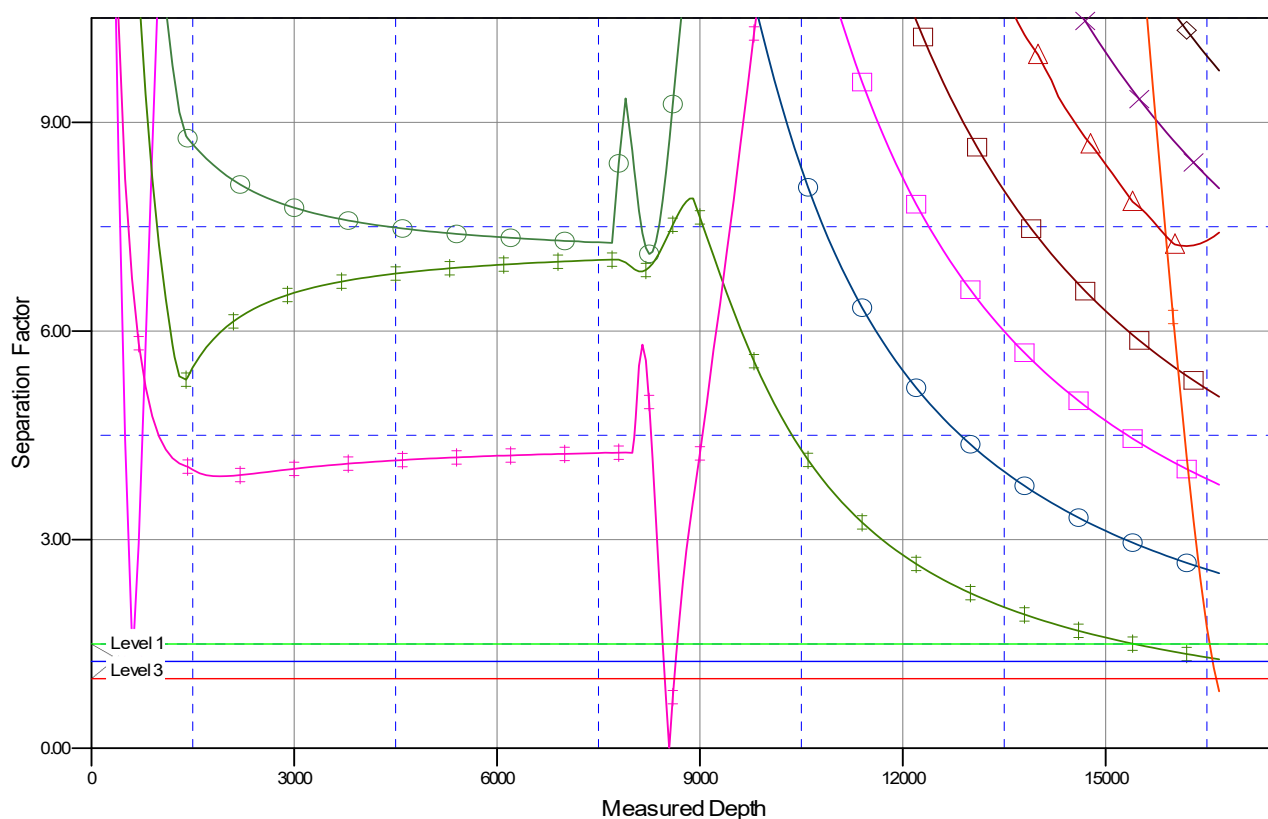
Central Meridian is 105.500000°W

Coordinates are relative to: PROSPER FARMS 4-65 14-13 4BH

Coordinate System is US State Plane 1983, Colorado Central Zone

Grid Convergence at Surface is: 0.54°

### Separation Factor Plot



#### LEGEND

LONETREE4-65 15-16 1A HOWB, PROPOSAL 1 V0	LONETREE4-65 15-16 4A HOWB, PROPOSAL 1 V0	LONETREE4-65 15-16 1B HOWB, PROPOSAL 1 V0
LONETREE4-65 15-16 2A HOWB, PROPOSAL 1 V0	PROSPERFARMS4-65 14-13 1A HOWB, PROPOSAL 1 V0	PROSPERFARMS4-65 14-13 1B HOWB, PROPOSAL 1 V0
LONETREE4-65 15-16 3Q HOWB, PROPOSAL 1 V0	LONETREE4-65 15-16 4B HOWB, PROPOSAL 1 V0	EXIST H2 MONTEZUMA4-64 18-13 4A HOWB, FINAL SURVEY V0
EXIST H2 LONETREE4-65 15-16 3B HOWB, FINAL SURVEY V0	PROSPERFARMS4-65 14-13 2A HOWB, PROPOSAL 1 V0	EXIST H2 PROSPERFARMS4-65 13-14 1A HOWB, FINAL SURVEY V0
LONETREE4-65 15-16 2B HOWB, PROPOSAL 1 V0	PROSPERFARMS4-65 14-13 2B HOWB, PROPOSAL 1 V0	
PROSPERFARMS4-65 14-13 4A HOWB, PROPOSAL 1 V0		