

# **CRESTONE PEAK RESOURCES**

**ARAPAHOE COUNTY  
SEC 2-T4S-R65W  
PROPERTY RESERVE 4-65 3-4 1BH**

**OWB  
PROPOSAL 1**

## **Anticollision Report**

**12 August, 2022**

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

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

<b>Survey Tool Program</b>	Date	8/12/2022		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	18,566.61	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Summary</b>						
<b>Offset Well - Wellbore - Design</b>						
SEC 2-T4S-R65W						
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	0.00	26.40	410.59			
EXIST HZ PROSPER FARMS 4-65 2-1 4AH - OWB - FIN	7,700.00	7,306.48	2,867.41	2,811.15	50.967	SF
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	0.00	27.35	412.88			
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	200.00	227.15	413.09	411.98	373.003	ES
EXIST HZ PROSPER FARMS 4-65 2-1 4CH - OWB - FIN	5,500.00	5,228.88	2,112.06	2,072.18	52.960	SF
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	100.00	99.90	20.04	19.77	74.564	CC
PROPERTY RESERVE 4-65 3-4 1AH - OWB - PROPOS	18,566.61	18,669.19	573.97	3.22	1.006	Level 2, ES, SF
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	200.55	200.65	19.67	18.68	19.867	CC
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	300.00	300.67	19.95	18.24	11.691	ES
PROPERTY RESERVE 4-65 3-4 3BH - OWB - PROPOS	18,566.61	18,036.86	2,234.43	1,664.51	3.921	SF
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	100.00	100.20	39.71	39.44	147.536	CC, ES
PROPERTY RESERVE 4-65 3-4 4AH - OWB - PROPOS	18,566.61	18,065.12	2,933.09	2,363.11	5.146	SF
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	936.87	948.27	40.55	33.70	5.921	CC
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	1,000.00	1,011.87	40.78	33.25	5.420	ES
PROSPER FARMS 4-65 2-1-6 1AH - OWB - PROPOSAL	1,500.00	1,512.39	57.38	42.98	3.984	SF
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	200.00	199.30	79.78	78.79	81.131	CC
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	700.00	712.55	81.40	76.74	17.460	ES
PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL	8,223.00	8,349.84	233.06	161.56	3.259	SF
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	200.00	200.60	99.81	98.82	101.028	CC, ES
PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL	7,400.00	7,382.03	881.74	804.84	11.466	SF
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	200.00	200.50	119.84	118.86	121.351	CC, ES
PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL	7,500.00	7,576.64	1,399.88	1,331.05	20.336	SF
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	200.00	200.40	139.88	138.89	141.689	CC, ES
PROSPER FARMS 4-65 2-1-6 3AH - OWB - PROPOSAL	7,500.00	7,641.85	1,862.27	1,798.05	28.998	SF
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	200.00	200.30	159.91	158.92	162.037	CC, ES
PROSPER FARMS 4-65 2-1-6 3BH - OWB - PROPOSAL	1,100.00	1,108.27	291.99	284.35	38.177	SF
PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL	200.00	200.20	179.95	178.96	182.410	CC, ES
PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL	1,000.00	976.39	296.71	290.01	44.280	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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
SEC 3-T4S-R65W						
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	0.00	46.81	1,783.98			
EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB -	18,566.61	16,985.00	3,646.64	3,112.28	6.824	SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	11,578.06	10,598.23	535.57	354.24	2.954	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2AH - OWB	18,566.61	17,595.00	557.73	9.62	1.018	Level 2, ES, SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	7,346.14	7,259.00	827.83	767.63	13.751	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB	18,566.61	17,915.00	899.53	344.86	1.622	ES, SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	4,732.38	4,464.70	841.58	797.38	19.043	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB	18,566.61	17,738.00	1,222.09	667.65	2.204	ES, SF
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	4,692.21	4,431.35	771.57	727.79	17.622	CC
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	4,700.00	4,438.54	771.58	727.71	17.591	ES
EXIST HZ PROPERTY RESERVE 4-65 3-4 2DH - OWB	18,566.61	17,855.00	1,494.67	938.22	2.686	SF

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 63-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	26.40	26.40	0.00	0.03	-179.39	-410.57	-4.34	410.59						
100.00	100.00	124.27	124.25	0.13	0.29	-179.11	-411.18	-6.36	411.25	410.82	0.42	971.880			
200.00	200.00	224.44	224.38	0.49	0.65	-178.77	-411.93	-8.83	412.04	410.90	1.14	360.725			
300.00	299.98	324.57	324.48	0.85	1.01	-171.45	-412.64	-11.28	414.53	412.67	1.86	222.341			
400.00	399.84	424.56	424.44	1.22	1.37	-171.22	-413.29	-13.65	420.42	417.83	2.59	162.226			
500.00	499.45	523.93	523.78	1.59	1.73	-171.06	-413.96	-15.97	429.78	426.46	3.32	129.532			
600.00	598.70	623.23	623.05	1.97	2.09	-170.95	-414.61	-18.44	442.55	438.50	4.05	109.380			
700.00	697.47	721.93	721.72	2.38	2.45	-170.90	-415.26	-20.86	458.73	453.96	4.77	96.078			
800.00	795.62	819.97	819.73	2.82	2.80	-170.90	-415.88	-23.30	478.28	472.78	5.50	86.897			
900.00	893.06	916.41	916.14	3.29	3.15	-170.97	-416.57	-25.58	501.28	495.05	6.23	80.444			
1,000.00	989.64	1,009.95	1,009.65	3.79	3.49	-171.10	-417.55	-27.49	527.94	520.99	6.95	75.975			
1,100.00	1,085.27	1,103.65	1,103.34	4.34	3.82	-171.39	-419.08	-28.22	558.44	550.78	7.67	72.853			
1,200.00	1,179.82	1,198.92	1,198.59	4.93	4.15	-171.70	-420.63	-28.87	592.23	583.83	8.39	70.571			
1,300.00	1,273.48	1,292.97	1,292.63	5.56	4.49	-172.05	-421.93	-29.73	628.25	619.13	9.12	68.902			
1,400.00	1,367.08	1,386.36	1,386.00	6.19	4.82	-172.39	-423.16	-30.60	664.38	654.55	9.84	67.546			
1,500.00	1,460.69	1,479.23	1,478.86	6.84	5.16	-172.69	-424.38	-31.52	700.54	689.98	10.56	66.365			
1,600.00	1,554.30	1,571.94	1,571.56	7.50	5.49	-172.96	-425.66	-32.44	736.76	725.49	11.28	65.328			
1,700.00	1,647.90	1,665.76	1,665.36	8.15	5.82	-173.22	-426.96	-33.21	773.00	761.00	12.01	64.380			
1,800.00	1,741.51	1,759.20	1,758.80	8.82	6.16	-173.47	-428.16	-33.83	809.18	796.44	12.74	63.536			
1,900.00	1,835.12	1,852.32	1,851.90	9.48	6.49	-173.70	-429.36	-34.37	845.36	831.89	13.46	62.786			
2,000.00	1,928.73	1,945.12	1,944.70	10.15	6.82	-173.91	-430.57	-34.87	881.57	867.38	14.19	62.116			
2,100.00	2,022.33	2,038.86	2,038.43	10.82	7.16	-174.11	-431.80	-35.36	917.80	902.87	14.93	61.488			
2,200.00	2,115.94	2,132.44	2,132.00	11.49	7.49	-174.30	-432.96	-35.79	953.97	938.30	15.66	60.914			
2,300.00	2,209.55	2,223.45	2,223.00	12.16	7.82	-174.46	-434.12	-36.38	990.17	973.79	16.38	60.438			
2,400.00	2,303.15	2,314.44	2,313.97	12.83	8.14	-174.56	-435.63	-37.73	1,026.72	1,009.61	17.11	60.015			
2,500.00	2,396.76	2,406.33	2,405.84	13.51	8.47	-174.68	-437.11	-38.64	1,063.23	1,045.39	17.84	59.608			
2,600.00	2,490.37	2,496.11	2,495.59	14.18	8.80	-174.79	-439.00	-39.52	1,100.21	1,081.66	18.55	59.300			
2,700.00	2,583.97	2,596.07	2,595.54	14.86	9.15	-174.96	-440.57	-39.57	1,136.72	1,117.40	19.32	58.828			
2,800.00	2,677.58	2,688.07	2,687.49	15.53	9.46	-175.24	-441.88	-37.02	1,173.23	1,153.20	20.03	58.565			
2,900.00	2,771.19	2,784.80	2,784.18	16.21	9.78	-175.53	-442.99	-34.08	1,209.51	1,188.75	20.77	58.246			
3,000.00	2,864.79	2,877.25	2,876.58	16.89	10.09	-175.77	-444.03	-31.70	1,245.78	1,224.31	21.48	58.005			
3,100.00	2,958.40	2,970.65	2,969.95	17.57	10.41	-175.99	-445.07	-29.53	1,282.04	1,259.85	22.20	57.758			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,200.00	3,052.01	3,062.65	3,061.92	18.24	10.72	-176.18	-446.16	-27.56	1,318.37	1,295.46	22.91	57.544		
3,300.00	3,145.62	3,160.11	3,159.33	18.92	11.05	-176.42	-447.24	-24.50	1,354.71	1,331.06	23.66	57.269		
3,400.00	3,239.22	3,263.49	3,262.61	19.60	11.40	-176.72	-447.47	-19.93	1,390.30	1,365.87	24.43	56.904		
3,500.00	3,332.83	3,356.40	3,355.42	20.28	11.71	-176.99	-447.47	-15.60	1,425.75	1,400.61	25.15	56.693		
3,600.00	3,426.44	3,448.19	3,447.14	20.96	12.02	-177.21	-447.53	-11.89	1,461.24	1,435.38	25.86	56.503		
3,700.00	3,520.04	3,540.39	3,539.28	21.64	12.34	-177.41	-447.83	-8.64	1,496.95	1,470.37	26.58	56.322		
3,800.00	3,613.65	3,636.04	3,634.88	22.32	12.66	-177.59	-447.96	-5.67	1,532.47	1,505.15	27.32	56.097		
3,900.00	3,707.26	3,726.04	3,724.85	23.00	12.97	-177.73	-448.30	-3.32	1,568.17	1,540.15	28.03	55.955		
4,000.00	3,800.86	3,819.08	3,817.86	23.68	13.29	-177.86	-448.65	-1.25	1,603.87	1,575.11	28.75	55.781		
4,100.00	3,894.47	3,925.85	3,924.61	24.36	13.66	-177.99	-449.22	0.95	1,639.76	1,610.19	29.57	55.461		
4,200.00	3,988.08	4,041.30	4,040.01	25.04	14.05	-178.15	-447.39	3.77	1,673.53	1,643.10	30.43	55.005		
4,300.00	4,081.68	4,126.71	4,125.39	25.72	14.34	-178.24	-446.23	5.35	1,707.58	1,676.48	31.11	54.897		
4,400.00	4,175.29	4,215.53	4,214.20	26.40	14.65	-178.32	-445.44	6.56	1,742.04	1,710.24	31.81	54.770		
4,500.00	4,268.90	4,308.06	4,306.73	27.08	14.96	-178.38	-444.82	7.34	1,776.65	1,744.12	32.53	54.614		
4,600.00	4,362.51	4,395.81	4,394.48	27.76	15.26	-178.43	-444.32	7.86	1,811.36	1,778.13	33.23	54.514		
4,700.00	4,456.11	4,476.61	4,475.28	28.44	15.54	-178.47	-444.38	8.15	1,846.63	1,812.75	33.88	54.499		
4,800.00	4,549.72	4,559.79	4,558.45	29.12	15.84	-178.48	-445.07	7.84	1,882.53	1,847.97	34.56	54.476		
4,900.00	4,643.33	4,657.48	4,656.14	29.80	16.18	-178.50	-445.95	7.70	1,918.52	1,883.20	35.33	54.309		
5,000.00	4,736.93	4,767.23	4,765.89	30.48	16.57	-178.55	-446.55	8.15	1,954.28	1,918.11	36.17	54.031		
5,100.00	4,830.54	4,894.74	4,893.38	31.16	17.01	-178.58	-445.02	7.95	1,988.22	1,951.11	37.11	53.574		
5,200.00	4,924.15	4,986.00	4,984.63	31.84	17.32	-178.60	-443.40	7.67	2,021.71	1,983.88	37.83	53.443		
5,300.00	5,017.75	5,072.39	5,071.01	32.52	17.61	-178.62	-442.18	7.41	2,055.54	2,017.02	38.52	53.367		
5,400.00	5,111.36	5,163.66	5,162.27	33.20	17.92	-178.65	-441.14	7.49	2,089.65	2,050.42	39.24	53.259		
5,500.00	5,204.97	5,267.15	5,265.75	33.88	18.28	-178.70	-439.75	8.23	2,123.65	2,083.62	40.03	53.051		
5,600.00	5,298.57	5,364.92	5,363.50	34.56	18.61	-178.76	-437.92	9.50	2,157.19	2,116.40	40.79	52.885		
5,700.00	5,392.18	5,454.87	5,453.42	35.25	18.92	-178.81	-436.31	10.61	2,190.82	2,149.31	41.50	52.786		
5,800.00	5,485.79	5,549.65	5,548.18	35.93	19.25	-178.87	-434.78	11.69	2,224.59	2,182.34	42.25	52.657		
5,900.00	5,579.40	5,657.93	5,656.44	36.61	19.62	-178.92	-432.70	12.66	2,258.07	2,215.00	43.07	52.424		
6,000.00	5,673.00	5,751.48	5,749.97	37.29	19.94	-178.96	-430.51	13.30	2,291.12	2,247.31	43.81	52.297		
6,100.00	5,766.61	5,839.87	5,838.33	37.97	20.25	-178.99	-428.64	13.90	2,324.39	2,279.88	44.51	52.216		
6,200.00	5,860.22	5,939.09	5,937.53	38.65	20.59	-179.03	-426.67	14.34	2,357.76	2,312.47	45.29	52.063		
6,300.00	5,953.82	6,068.29	6,066.68	39.33	21.04	-179.05	-423.11	14.20	2,390.38	2,344.14	46.24	51.695		
6,400.00	6,047.43	6,170.33	6,168.65	40.02	21.39	-179.07	-419.24	13.81	2,421.96	2,374.93	47.03	51.499		
6,500.00	6,141.04	6,246.80	6,245.06	40.70	21.66	-179.10	-416.48	14.53	2,453.85	2,406.19	47.67	51.479		
6,600.00	6,234.64	6,332.31	6,330.49	41.38	21.96	-179.18	-413.70	16.98	2,486.27	2,437.91	48.36	51.414		
6,700.00	6,328.25	6,428.43	6,426.46	42.06	22.29	-179.30	-410.57	21.20	2,518.86	2,469.75	49.11	51.286		
6,800.00	6,421.86	6,503.29	6,501.17	42.74	22.55	-179.42	-408.25	25.47	2,551.74	2,502.00	49.74	51.302		
6,900.00	6,515.47	6,579.97	6,568.66	43.42	22.79	-179.54	-406.63	30.33	2,585.47	2,535.15	50.32	51.384		
7,000.00	6,609.07	6,638.81	6,636.25	44.10	23.03	-179.68	-405.70	35.97	2,620.24	2,569.35	50.89	51.487		
7,100.00	6,702.68	6,722.94	6,720.00	44.79	23.33	-179.87	-404.93	43.90	2,655.62	2,604.05	51.57	51.493		
7,200.00	6,796.29	6,813.06	6,809.60	45.47	23.65	-179.91	-404.15	53.62	2,691.23	2,638.93	52.29	51.463		
7,300.00	6,889.89	6,926.94	6,922.53	46.15	24.06	-179.58	-402.28	68.12	2,726.35	2,673.17	53.18	51.267		
7,400.00	6,983.50	6,993.89	6,988.60	46.83	24.30	-179.35	-401.07	78.83	2,761.82	2,708.07	53.75	51.382		
7,500.00	7,077.11	7,095.67	7,088.54	47.51	24.68	-178.94	-399.22	97.99	2,797.72	2,743.15	54.56	51.276		
7,600.00	7,170.71	7,224.78	7,214.75	48.19	25.16	-178.37	-394.99	124.85	2,832.57	2,777.00	55.57	50.973		
7,700.00	7,264.32	7,306.48	7,294.53	48.88	25.47	-178.01	-392.04	142.24	2,867.41	2,811.15	56.26	50.967 SF		
7,800.00	7,357.90	7,379.00	7,365.35	49.56	25.75	-175.67	-389.73	157.65	2,902.83	2,845.95	56.89	51.027		
7,900.00	7,450.12	7,431.16	7,416.06	50.26	25.96	-150.19	-388.50	169.80	2,940.92	2,883.55	57.37	51.258		
8,000.00	7,538.18	7,498.57	7,480.03	50.97	26.23	-132.62	-386.34	190.84	2,981.44	2,923.47	57.97	51.428		
8,100.00	7,619.40	7,540.55	7,518.54	51.66	26.41	-120.15	-384.45	207.43	3,023.77	2,965.39	58.38	51.792		
8,200.00	7,691.32	7,564.55	7,539.91	52.34	26.51	-110.50	-383.18	218.26	3,067.44	3,008.80	58.65	52.305		
8,300.00	7,751.74	7,574.90	7,548.97	53.00	26.56	-102.50	-382.59	223.24	3,111.56	3,052.75	58.81	52.909		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,400.00	7,798.84	7,574.83	7,548.91	53.64	26.56	-95.70	-382.59	223.20	3,154.99	3,096.06	58.93	53.537		
8,500.00	7,831.18	7,566.98	7,542.04	54.26	26.52	-89.96	-383.04	219.41	3,196.46	3,137.40	59.06	54.124		
8,600.00	7,847.78	7,553.35	7,529.99	54.86	26.46	-85.31	-383.79	213.08	3,234.70	3,175.47	59.23	54.613		
8,700.00	7,850.00	7,536.10	7,514.52	55.46	26.39	-83.19	-384.67	205.52	3,269.41	3,209.94	59.47	54.977		
8,800.00	7,850.00	7,507.00	7,487.86	56.13	26.26	-82.70	-385.99	193.94	3,305.65	3,245.96	59.69	55.376		
8,900.00	7,850.00	7,507.00	7,487.86	56.90	26.26	-82.70	-385.99	193.94	3,344.18	3,283.94	60.25	55.508		
9,000.00	7,850.00	7,507.00	7,487.86	57.76	26.26	-82.70	-385.99	193.94	3,385.23	3,324.37	60.86	55.626		
9,100.00	7,850.00	7,478.46	7,461.17	58.72	26.15	-82.21	-387.09	183.88	3,428.38	3,367.10	61.29	55.941		
9,200.00	7,850.00	7,466.66	7,450.02	59.79	26.10	-82.01	-387.49	180.06	3,473.85	3,411.95	61.89	56.127		
9,300.00	7,850.00	7,456.01	7,439.89	60.96	26.06	-81.82	-387.83	176.79	3,521.46	3,458.92	62.54	56.307		
9,400.00	7,850.00	7,446.37	7,430.67	62.23	26.02	-81.65	-388.10	173.97	3,571.16	3,507.94	63.22	56.487		
9,500.00	7,850.00	7,412.00	7,397.50	63.60	25.88	-81.04	-388.92	165.03	3,623.16	3,559.44	63.72	56.860		
9,600.00	7,850.00	7,412.00	7,397.50	65.07	25.88	-81.04	-388.92	165.03	3,676.64	3,612.14	64.51	56.996		
9,700.00	7,850.00	7,412.00	7,397.50	66.63	25.88	-81.04	-388.92	165.03	3,732.04	3,666.75	65.30	57.156		
9,800.00	7,850.00	7,412.00	7,397.50	68.28	25.88	-81.04	-388.92	165.03	3,789.27	3,723.19	66.08	57.342		
9,900.00	7,850.00	7,412.00	7,397.50	70.00	25.88	-81.04	-388.92	165.03	3,848.25	3,781.38	66.86	57.555		
10,000.00	7,850.00	7,412.00	7,397.50	71.80	25.88	-81.04	-388.92	165.03	3,908.89	3,841.26	67.63	57.797		
10,100.00	7,850.00	7,396.37	7,382.29	73.67	25.82	-80.77	-389.26	161.45	3,971.02	3,902.74	68.28	58.158		
10,200.00	7,850.00	7,390.40	7,376.47	75.60	25.79	-80.66	-389.41	160.12	4,034.67	3,965.68	68.98	58.487		
10,300.00	7,850.00	7,379.00	7,365.35	77.59	25.75	-80.46	-389.73	157.65	4,099.75	4,030.12	69.64	58.874		
10,400.00	7,850.00	7,379.24	7,365.58	79.62	25.75	-80.46	-389.72	157.70	4,166.17	4,095.81	70.35	59.218		
10,500.00	7,850.00	7,361.32	7,348.09	81.71	25.68	-80.14	-390.26	153.90	4,233.85	4,162.92	70.93	59.689		
10,600.00	7,850.00	7,343.41	7,330.59	83.83	25.61	-79.83	-390.82	150.09	4,302.71	4,231.22	71.50	60.181		
10,700.00	7,850.00	7,325.50	7,313.10	86.00	25.55	-79.51	-391.40	146.28	4,372.69	4,300.64	72.05	60.692		
10,800.00	7,850.00	7,307.59	7,295.61	88.20	25.48	-79.19	-392.00	142.48	4,443.73	4,371.14	72.58	61.224		
10,900.00	7,850.00	7,289.68	7,278.12	90.43	25.41	-78.88	-392.62	138.67	4,515.78	4,442.68	73.10	61.774		
11,000.00	7,850.00	7,270.34	7,259.24	92.69	25.33	-78.54	-393.31	134.56	4,588.79	4,515.19	73.60	62.350		
11,100.00	7,850.00	7,250.29	7,239.65	94.98	25.26	-78.19	-394.04	130.29	4,662.72	4,588.64	74.07	62.947		
11,200.00	7,850.00	7,230.17	7,220.01	97.29	25.18	-77.84	-394.78	126.00	4,737.51	4,662.97	74.53	63.561		
11,300.00	7,850.00	7,209.99	7,200.31	99.62	25.11	-77.49	-395.55	121.69	4,813.13	4,738.14	74.98	64.191		
11,400.00	7,850.00	7,189.76	7,180.56	101.98	25.03	-77.14	-396.34	117.37	4,889.53	4,814.12	75.41	64.836		
11,500.00	7,850.00	7,170.84	7,162.09	104.35	24.96	-76.82	-397.04	113.35	4,966.69	4,890.85	75.84	65.490		
11,600.00	7,850.00	7,152.49	7,144.16	106.74	24.89	-76.50	-397.67	109.51	5,044.57	4,968.32	76.25	66.157		
11,700.00	7,850.00	7,134.67	7,126.73	109.15	24.82	-76.19	-398.22	105.83	5,123.15	5,046.50	76.65	66.835		
11,800.00	7,850.00	7,117.37	7,109.79	111.57	24.76	-75.90	-398.69	102.32	5,202.40	5,125.35	77.04	67.526		
11,900.00	7,850.00	7,100.56	7,093.33	114.01	24.70	-75.61	-399.11	98.96	5,282.28	5,204.86	77.42	68.227		
12,000.00	7,850.00	7,096.00	7,088.86	116.46	24.68	-75.53	-399.21	98.05	5,362.79	5,284.94	77.85	68.884		
12,100.00	7,850.00	7,075.02	7,068.29	118.92	24.60	-75.17	-399.66	93.94	5,443.88	5,365.70	78.18	69.631		
12,200.00	7,850.00	7,063.22	7,056.72	121.39	24.56	-74.97	-399.89	91.66	5,525.57	5,447.02	78.55	70.347		
12,300.00	7,850.00	7,051.69	7,045.41	123.88	24.52	-74.77	-400.11	89.46	5,607.80	5,528.90	78.90	71.074		
12,400.00	7,850.00	7,040.42	7,034.34	126.37	24.48	-74.58	-400.32	87.34	5,690.56	5,611.32	79.24	71.810		
12,500.00	7,850.00	7,029.40	7,023.52	128.87	24.44	-74.40	-400.51	85.28	5,773.84	5,694.26	79.58	72.556		
12,600.00	7,850.00	7,018.63	7,012.92	131.38	24.40	-74.21	-400.69	83.30	5,857.60	5,777.70	79.90	73.311		
12,700.00	7,850.00	7,002.00	6,996.58	133.90	24.33	-73.93	-400.95	80.27	5,941.84	5,861.66	80.18	74.103		
12,800.00	7,850.00	7,002.00	6,996.58	136.42	24.33	-73.93	-400.95	80.27	6,026.52	5,945.98	80.54	74.828		
12,900.00	7,850.00	7,002.00	6,996.58	138.96	24.33	-73.93	-400.95	80.27	6,111.67	6,030.78	80.88	75.562		
13,000.00	7,850.00	7,002.00	6,996.58	141.49	24.33	-73.93	-400.95	80.27	6,197.25	6,116.04	81.22	76.306		
13,100.00	7,850.00	7,002.00	6,996.58	144.04	24.33	-73.93	-400.95	80.27	6,283.27	6,201.73	81.54	77.059		
13,200.00	7,850.00	7,002.00	6,996.58	146.59	24.33	-73.93	-400.95	80.27	6,369.69	6,287.84	81.85	77.820		
13,300.00	7,850.00	7,002.00	6,996.58	149.15	24.33	-73.93	-400.95	80.27	6,456.50	6,374.35	82.15	78.590		
13,400.00	7,850.00	7,002.00	6,996.58	151.71	24.33	-73.93	-400.95	80.27	6,543.69	6,461.24	82.45	79.367		
13,500.00	7,850.00	7,002.00	6,996.58	154.27	24.33	-73.93	-400.95	80.27	6,631.24	6,548.51	82.73	80.151		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 63-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,600.00	7,850.00	6,965.68	6,960.80	156.84	24.20	-73.32	-401.54	74.05	6,718.73	6,635.88	82.85	81.096		
13,700.00	7,850.00	6,961.83	6,957.00	159.42	24.19	-73.25	-401.61	73.43	6,806.88	6,723.77	83.10	81.909		
13,800.00	7,850.00	6,958.07	6,953.29	162.00	24.18	-73.19	-401.67	72.82	6,895.33	6,811.98	83.35	82.727		
13,900.00	7,850.00	6,954.39	6,949.66	164.58	24.16	-73.13	-401.74	72.24	6,984.09	6,900.50	83.59	83.551		
14,000.00	7,850.00	6,950.80	6,946.11	167.17	24.15	-73.07	-401.81	71.68	7,073.14	6,989.32	83.82	84.380		
14,100.00	7,850.00	6,947.29	6,942.64	169.76	24.14	-73.01	-401.87	71.14	7,162.48	7,078.43	84.05	85.214		
14,200.00	7,850.00	6,943.85	6,939.24	172.35	24.12	-72.95	-401.94	70.61	7,252.08	7,167.81	84.27	86.053		
14,300.00	7,850.00	6,940.00	6,935.77	174.95	23.99	-72.35	-402.68	65.48	7,342.27	7,257.92	84.35	87.044		
14,400.00	7,850.00	6,938.00	6,933.77	177.55	23.99	-72.35	-402.68	65.48	7,432.33	7,347.75	84.58	87.875		
14,500.00	7,850.00	6,938.00	6,933.77	180.15	23.99	-72.35	-402.68	65.48	7,522.64	7,437.84	84.80	88.712		
14,600.00	7,850.00	6,938.00	6,933.77	182.76	23.99	-72.35	-402.68	65.48	7,613.18	7,528.17	85.01	89.553		
14,700.00	7,850.00	6,938.00	6,933.77	185.37	23.99	-72.35	-402.68	65.48	7,703.97	7,618.74	85.22	90.398		
14,800.00	7,850.00	6,938.00	6,933.77	187.98	23.99	-72.35	-402.68	65.48	7,794.98	7,709.55	85.43	91.247		
14,900.00	7,850.00	6,938.00	6,933.77	190.59	23.99	-72.35	-402.68	65.48	7,886.20	7,800.57	85.63	92.099		
15,000.00	7,850.00	6,938.00	6,933.77	193.21	23.99	-72.35	-402.68	65.48	7,977.64	7,891.82	85.82	92.955		
15,100.00	7,850.00	6,938.00	6,933.77	195.83	23.99	-72.35	-402.68	65.48	8,069.28	7,983.26	86.01	93.815		
15,200.00	7,850.00	6,938.00	6,933.77	198.45	23.99	-72.35	-402.68	65.48	8,161.11	8,074.91	86.20	94.678		
15,300.00	7,850.00	6,938.00	6,933.77	201.07	23.99	-72.35	-402.68	65.48	8,253.14	8,166.76	86.38	95.544		
15,400.00	7,850.00	6,938.00	6,933.77	203.70	23.99	-72.35	-402.68	65.48	8,345.35	8,258.79	86.56	96.412		
15,500.00	7,850.00	6,938.00	6,933.77	206.32	23.99	-72.35	-402.68	65.48	8,437.73	8,351.00	86.73	97.284		
15,600.00	7,850.00	6,938.00	6,933.77	208.95	23.99	-72.35	-402.68	65.48	8,530.29	8,443.39	86.90	98.158		
15,700.00	7,850.00	6,938.00	6,933.77	211.58	23.99	-72.35	-402.68	65.48	8,623.02	8,535.95	87.07	99.034		
15,800.00	7,850.00	6,883.34	6,879.34	214.21	23.90	-71.94	-403.18	62.23	8,715.82	8,628.68	87.14	100.020		
15,900.00	7,850.00	6,877.58	6,873.62	216.85	23.88	-71.84	-403.28	61.48	8,808.83	8,721.55	87.28	100.926		
16,000.00	7,850.00	6,871.91	6,868.00	219.48	23.86	-71.75	-403.38	60.76	8,901.97	8,814.55	87.42	101.834		
16,100.00	7,850.00	6,866.35	6,862.48	222.12	23.84	-71.65	-403.47	60.05	8,995.25	8,907.70	87.55	102.743		
16,200.00	7,850.00	6,860.88	6,857.06	224.76	23.82	-71.56	-403.56	59.37	9,088.67	9,000.99	87.68	103.654		
16,300.00	7,850.00	6,855.50	6,851.73	227.39	23.81	-71.47	-403.64	58.70	9,182.22	9,094.41	87.81	104.566		
16,400.00	7,850.00	6,850.22	6,846.48	230.03	23.79	-71.39	-403.72	58.04	9,275.90	9,187.96	87.94	105.480		
16,500.00	7,850.00	6,845.02	6,841.33	232.68	23.77	-71.30	-403.79	57.41	9,369.70	9,281.64	88.07	106.395		
16,600.00	7,850.00	6,839.91	6,836.26	235.32	23.75	-71.22	-403.86	56.79	9,463.62	9,375.43	88.19	107.311		
16,700.00	7,850.00	6,813.00	6,809.53	237.96	23.65	-70.77	-404.15	53.61	9,557.72	9,469.49	88.23	108.331		
16,800.00	7,850.00	6,813.00	6,809.53	240.61	23.65	-70.77	-404.15	53.61	9,651.85	9,563.48	88.37	109.226		
16,900.00	7,850.00	6,813.00	6,809.53	243.26	23.65	-70.77	-404.15	53.61	9,746.09	9,657.59	88.50	110.122		
17,000.00	7,850.00	6,813.00	6,809.53	245.90	23.65	-70.77	-404.15	53.61	9,840.45	9,751.82	88.64	111.020		
17,100.00	7,850.00	6,813.00	6,809.53	248.55	23.65	-70.77	-404.15	53.61	9,934.92	9,846.15	88.77	111.918		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	27.35	27.35	0.00	0.04	-173.89	-410.53	-43.95	412.88					
100.00	100.00	127.10	127.09	0.13	0.26	-173.72	-410.53	-45.21	413.01	412.62	0.39	1,060.028		
200.00	200.00	227.15	227.13	0.49	0.61	-173.52	-410.45	-46.61	413.09	411.98	1.11	373.003 ES		
300.00	299.98	326.88	326.85	0.85	0.97	-166.39	-410.47	-47.82	414.95	413.12	1.83	227.266		
400.00	399.84	426.74	426.71	1.22	1.33	-166.39	-410.52	-48.89	420.20	417.65	2.55	164.780		
500.00	499.45	527.52	527.48	1.59	1.69	-166.52	-410.51	-49.72	428.76	425.48	3.28	130.790		
600.00	598.70	627.22	627.18	1.97	2.05	-166.76	-410.26	-50.28	440.43	436.43	4.00	109.979		
700.00	697.47	726.04	726.00	2.38	2.40	-167.06	-409.99	-50.92	455.48	450.74	4.73	96.256		
800.00	795.62	825.08	825.04	2.82	2.76	-167.40	-409.63	-51.66	473.82	468.35	5.46	86.724		
900.00	893.06	921.17	921.12	3.29	3.10	-167.77	-409.33	-52.49	495.58	489.39	6.19	80.066		
1,000.00	989.64	1,017.80	1,017.75	3.79	3.45	-168.17	-409.17	-53.32	520.84	513.91	6.92	75.241		
1,100.00	1,085.27	1,113.35	1,113.30	4.34	3.79	-168.60	-409.04	-53.98	549.44	541.79	7.66	71.774		
1,200.00	1,179.82	1,207.91	1,207.86	4.93	4.13	-169.07	-408.91	-54.38	581.35	572.96	8.39	69.308		
1,300.00	1,273.48	1,300.36	1,300.30	5.56	4.46	-169.61	-408.95	-54.63	615.90	606.79	9.11	67.593		
1,400.00	1,367.08	1,394.26	1,394.20	6.19	4.79	-170.15	-409.00	-54.88	650.66	640.83	9.83	66.158		
1,500.00	1,460.69	1,486.54	1,486.48	6.84	5.12	-170.62	-409.16	-55.12	685.58	675.02	10.55	64.971		
1,600.00	1,554.30	1,579.06	1,579.00	7.50	5.44	-171.06	-409.46	-55.31	720.67	709.40	11.27	63.960		
1,700.00	1,647.90	1,672.01	1,671.96	8.15	5.76	-171.47	-409.89	-55.35	755.93	743.95	11.98	63.087		
1,800.00	1,741.51	1,766.50	1,766.44	8.82	6.09	-171.84	-410.25	-55.44	791.14	778.43	12.71	62.251		
1,900.00	1,835.12	1,860.00	1,859.94	9.48	6.42	-172.17	-410.57	-55.64	826.35	812.92	13.44	61.501		
2,000.00	1,928.73	1,954.30	1,954.24	10.15	6.75	-172.48	-410.84	-55.82	861.52	847.35	14.17	60.795		
2,100.00	2,022.33	2,048.53	2,048.47	10.82	7.09	-172.77	-411.03	-55.99	896.64	881.74	14.91	60.146		
2,200.00	2,115.94	2,142.89	2,142.83	11.49	7.42	-173.03	-411.14	-56.20	931.69	916.04	15.65	59.539		
2,300.00	2,209.55	2,236.71	2,236.65	12.16	7.76	-173.26	-411.20	-56.51	966.71	950.32	16.39	58.989		
2,400.00	2,303.15	2,331.10	2,331.04	12.83	8.10	-173.47	-411.23	-56.92	1,001.71	984.57	17.13	58.471		
2,500.00	2,396.76	2,425.01	2,424.95	13.51	8.43	-173.67	-411.17	-57.32	1,036.63	1,018.76	17.87	58.001		
2,600.00	2,490.37	2,518.02	2,517.95	14.18	8.77	-173.86	-411.15	-57.69	1,071.60	1,052.99	18.61	57.584		
2,700.00	2,583.97	2,610.52	2,610.45	14.86	9.10	-174.03	-411.20	-58.00	1,106.65	1,087.31	19.34	57.210		
2,800.00	2,677.58	2,703.87	2,703.80	15.53	9.43	-174.20	-411.34	-58.32	1,141.80	1,121.72	20.08	56.853		
2,900.00	2,771.19	2,798.59	2,798.52	16.21	9.77	-174.35	-411.42	-58.78	1,176.90	1,156.06	20.83	56.495		
3,000.00	2,864.79	2,893.08	2,893.02	16.89	10.11	-174.49	-411.41	-59.32	1,211.91	1,190.33	21.58	56.161		
3,100.00	2,958.40	2,980.17	2,980.10	17.57	10.42	-174.61	-411.48	-59.73	1,247.02	1,224.74	22.28	55.976		
3,200.00	3,052.01	3,063.67	3,063.60	18.24	10.70	-174.76	-412.28	-59.39	1,282.96	1,260.02	22.94	55.916		
3,300.00	3,145.62	3,155.91	3,155.82	18.92	11.01	-174.93	-413.47	-58.57	1,319.26	1,295.60	23.66	55.765		
3,400.00	3,239.22	3,250.46	3,250.36	19.60	11.33	-175.10	-414.60	-57.82	1,355.47	1,331.08	24.39	55.584		
3,500.00	3,332.83	3,343.32	3,343.21	20.28	11.65	-175.25	-415.75	-57.09	1,391.73	1,366.63	25.11	55.435		
3,600.00	3,426.44	3,438.94	3,438.82	20.96	11.98	-175.40	-416.76	-56.46	1,427.82	1,401.98	25.84	55.248		
3,700.00	3,520.04	3,529.32	3,529.20	21.64	12.28	-175.53	-417.81	-55.79	1,464.02	1,437.47	26.55	55.140		
3,800.00	3,613.65	3,624.89	3,624.76	22.32	12.61	-175.66	-418.94	-55.17	1,500.25	1,472.96	27.29	54.971		
3,900.00	3,707.26	3,723.26	3,723.13	23.00	12.95	-175.78	-419.79	-54.64	1,536.18	1,508.13	28.05	54.764		
4,000.00	3,800.86	3,817.09	3,816.96	23.68	13.27	-175.90	-420.44	-54.06	1,571.96	1,543.17	28.78	54.618		
4,100.00	3,894.47	3,908.91	3,908.77	24.36	13.59	-176.01	-421.13	-53.41	1,607.81	1,578.31	29.50	54.503		
4,200.00	3,988.08	4,001.96	4,001.81	25.04	13.91	-176.11	-421.87	-52.96	1,643.67	1,613.45	30.23	54.376		
4,300.00	4,081.68	4,092.76	4,092.61	25.72	14.22	-176.20	-422.70	-52.72	1,679.66	1,648.71	30.95	54.277		
4,400.00	4,175.29	4,184.88	4,184.72	26.40	14.55	-176.28	-423.63	-52.63	1,715.72	1,684.05	31.67	54.167		
4,500.00	4,268.90	4,275.56	4,275.40	27.08	14.87	-176.35	-424.65	-52.52	1,751.90	1,719.50	32.39	54.080		
4,600.00	4,362.51	4,366.56	4,366.39	27.76	15.19	-176.41	-425.83	-52.79	1,788.20	1,755.08	33.12	53.993		
4,700.00	4,456.11	4,458.53	4,458.35	28.44	15.52	-176.45	-427.13	-53.56	1,824.59	1,790.74	33.85	53.898		
4,800.00	4,549.72	4,551.45	4,551.25	29.12	15.85	-176.49	-428.48	-54.34	1,861.02	1,826.43	34.59	53.798		
4,900.00	4,643.33	4,646.42	4,646.21	29.80	16.19	-176.54	-429.80	-54.69	1,897.42	1,862.07	35.34	53.683		
5,000.00	4,736.93	4,746.65	4,746.43	30.48	16.54	-176.62	-430.89	-54.13	1,933.59	1,897.47	36.13	53.524		
5,100.00	4,830.54	4,842.84	4,842.62	31.16	16.87	-176.71	-431.67	-53.35	1,969.54	1,932.66	36.88	53.410		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	4,938.68	4,938.46	31.84	17.20	-176.79	-432.31	-52.61	2,005.34	1,967.71	37.62	53.300		
5,300.00	5,017.75	5,033.27	5,033.04	32.52	17.53	-176.87	-432.87	-51.83	2,041.08	2,002.71	38.36	53.204		
5,400.00	5,111.36	5,131.37	5,131.13	33.20	17.87	-176.95	-433.28	-50.86	2,076.67	2,037.55	39.12	53.079		
5,500.00	5,204.97	5,228.88	5,228.63	33.88	18.20	-177.04	-433.45	-49.67	2,112.06	2,072.18	39.88	52.960 SF		
5,600.00	5,298.57	5,299.00	5,298.75	34.56	18.44	-177.10	-433.49	-48.67	2,147.49	2,107.03	40.46	53.080		
5,700.00	5,392.18	5,364.10	5,363.84	35.25	18.66	-177.16	-434.30	-47.70	2,184.05	2,143.05	41.00	53.268		
5,800.00	5,485.79	5,420.25	5,419.94	35.93	18.86	-177.21	-436.20	-46.81	2,222.41	2,180.93	41.48	53.583		
5,900.00	5,579.40	5,488.00	5,487.60	36.61	19.10	-177.28	-439.40	-44.98	2,262.07	2,220.04	42.03	53.822		
6,000.00	5,673.00	5,544.69	5,544.14	37.29	19.30	-177.36	-442.76	-42.92	2,302.90	2,260.41	42.49	54.193		
6,100.00	5,766.61	5,605.81	5,605.06	37.97	19.52	-177.44	-447.10	-40.36	2,344.91	2,301.93	42.99	54.549		
6,200.00	5,860.22	5,665.98	5,664.95	38.65	19.73	-177.54	-452.11	-37.42	2,388.08	2,344.61	43.47	54.940		
6,300.00	5,953.82	5,718.72	5,717.36	39.33	19.92	-177.62	-457.18	-34.58	2,432.48	2,388.60	43.88	55.431		
6,400.00	6,047.43	5,771.00	5,769.24	40.02	20.11	-177.70	-463.05	-31.76	2,478.29	2,434.00	44.29	55.957		
6,500.00	6,141.04	5,825.78	5,823.50	40.70	20.30	-177.78	-469.98	-28.91	2,525.36	2,480.65	44.71	56.482		
6,600.00	6,234.64	5,907.29	5,904.13	41.38	20.60	-177.88	-481.20	-24.87	2,573.40	2,528.04	45.36	56.735		
6,700.00	6,328.25	5,991.98	5,987.96	42.06	20.91	-178.01	-492.28	-19.97	2,620.95	2,574.92	46.03	56.937		
6,800.00	6,421.86	6,055.00	6,050.20	42.74	21.14	-178.10	-501.34	-16.11	2,669.57	2,623.04	46.52	57.382		
6,900.00	6,515.47	6,083.57	6,078.35	43.42	21.25	-178.14	-505.88	-14.34	2,719.40	2,672.69	46.71	58.217		
7,000.00	6,609.07	6,120.92	6,115.06	44.10	21.39	-178.20	-512.38	-11.97	2,770.80	2,723.84	46.97	58.995		
7,100.00	6,702.68	6,149.00	6,142.56	44.79	21.50	-178.24	-517.70	-10.16	2,823.73	2,776.60	47.13	59.914		
7,200.00	6,796.29	6,208.04	6,200.24	45.47	21.72	-178.32	-529.69	-6.11	2,877.78	2,830.20	47.57	60.489		
7,300.00	6,889.89	6,243.00	6,234.28	46.15	21.86	-178.37	-537.20	-3.51	2,932.97	2,885.18	47.79	61.368		
7,400.00	6,983.50	6,296.94	6,286.63	46.83	22.07	-178.46	-549.44	0.81	2,989.18	2,941.00	48.19	62.032		
7,500.00	7,077.11	6,338.00	6,326.33	47.51	22.23	-178.52	-559.32	4.35	3,046.54	2,998.08	48.46	62.868		
7,600.00	7,170.71	6,398.46	6,384.60	48.19	22.47	-178.63	-574.44	9.81	3,104.72	3,055.80	48.92	63.467		
7,700.00	7,264.32	6,463.77	6,447.43	48.88	22.74	-178.74	-591.16	16.13	3,163.45	3,114.03	49.43	64.004		
7,800.00	7,357.90	6,527.00	6,508.08	49.56	23.00	-171.46	-607.32	23.74	3,222.48	3,172.57	49.91	64.560		
7,900.00	7,450.12	6,578.37	6,557.13	50.26	23.22	-142.46	-620.59	31.20	3,282.56	3,232.26	50.29	65.267		
8,000.00	7,538.18	6,621.00	6,597.62	50.97	23.40	-121.45	-631.91	38.28	3,342.88	3,292.29	50.59	66.071		
8,100.00	7,619.40	6,736.86	6,707.77	51.66	23.90	-107.58	-661.89	58.06	3,401.00	3,349.38	51.62	65.888		
8,200.00	7,691.32	6,781.88	6,750.71	52.34	24.09	-96.75	-673.38	65.20	3,456.02	3,404.03	51.98	66.485		
8,300.00	7,751.74	6,848.78	6,814.61	53.00	24.39	-89.06	-690.55	75.12	3,507.21	3,454.60	52.61	66.666		
8,400.00	7,798.84	6,840.00	6,848.26	53.64	31.50	-82.92	-699.09	80.05	3,553.08	3,494.62	58.46	60.779		
8,500.00	7,831.18	6,926.19	6,888.87	54.26	24.73	-78.58	-709.52	85.95	3,593.53	3,539.93	53.60	67.046		
8,600.00	7,847.78	6,927.15	6,889.79	54.86	24.74	-74.99	-709.75	86.07	3,627.62	3,573.71	53.91	67.285		
8,700.00	7,850.00	8,700.00	6,850.17	55.46	32.93	-72.98	-699.59	80.33	3,655.72	3,595.35	60.36	60.563		
8,800.00	7,850.00	8,800.00	6,836.32	56.13	33.40	-72.75	-695.97	78.26	3,684.81	3,623.67	61.14	60.271		
8,900.00	7,850.00	6,853.52	6,819.14	56.90	24.41	-72.46	-691.73	75.80	3,716.57	3,661.76	54.81	67.811		
9,000.00	7,850.00	6,801.37	6,769.31	57.76	24.18	-71.62	-678.41	68.17	3,750.29	3,695.29	55.00	68.187		
9,100.00	7,850.00	6,785.66	6,754.32	58.72	24.11	-71.37	-674.35	65.78	3,786.26	3,730.65	55.62	68.077		
9,200.00	7,850.00	6,769.23	6,738.65	59.79	24.04	-71.11	-670.14	63.24	3,824.45	3,768.17	56.28	67.953		
9,300.00	7,850.00	6,752.05	6,722.26	60.96	23.96	-70.83	-665.75	60.52	3,864.77	3,807.79	56.98	67.828		
9,400.00	7,850.00	9,400.00	6,666.97	62.23	36.49	-69.90	-650.90	50.82	3,907.14	3,840.99	66.16	59.058		
9,500.00	7,850.00	6,712.30	6,684.36	63.60	23.79	-70.19	-655.69	53.98	3,951.56	3,893.15	58.41	67.648		
9,600.00	7,850.00	6,621.00	6,597.62	65.07	23.40	-68.74	-631.91	38.28	3,997.71	3,939.26	58.45	68.391		
9,700.00	7,850.00	6,621.00	6,597.62	66.63	23.40	-68.74	-631.91	38.28	4,045.62	3,986.21	59.41	68.096		
9,800.00	7,850.00	6,621.00	6,597.62	68.28	23.40	-68.74	-631.91	38.28	4,095.40	4,035.03	60.37	67.839		
9,900.00	7,850.00	6,621.00	6,597.62	70.00	23.40	-68.74	-631.91	38.28	4,147.00	4,085.68	61.33	67.622		
10,000.00	7,850.00	6,594.04	6,572.04	71.80	23.28	-68.31	-624.72	33.71	4,200.12	4,138.11	62.01	67.731		
10,100.00	7,850.00	6,587.91	6,566.22	73.67	23.26	-68.21	-623.11	32.71	4,255.03	4,192.14	62.89	67.654		
10,200.00	7,850.00	6,581.99	6,560.59	75.60	23.23	-68.12	-621.55	31.77	4,311.54	4,247.78	63.76	67.617		
10,300.00	7,850.00	6,576.26	6,555.13	77.59	23.21	-68.03	-620.04	30.87	4,369.59	4,304.96	64.62	67.617		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 86-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	6,570.71	6,549.84	79.62	23.18	-67.94	-618.59	30.01	4,429.11	4,363.65	65.46	67.656		
10,500.00	7,850.00	6,565.34	6,544.72	81.71	23.16	-67.85	-617.19	29.19	4,490.05	4,423.76	66.29	67.733		
10,600.00	7,850.00	6,560.12	6,539.75	83.83	23.14	-67.77	-615.83	28.41	4,552.36	4,485.26	67.10	67.847		
10,700.00	7,850.00	6,555.07	6,534.92	86.00	23.12	-67.69	-614.52	27.67	4,615.97	4,548.09	67.89	67.996		
10,800.00	7,850.00	6,527.00	6,508.08	88.20	23.00	-67.25	-607.32	23.74	4,681.02	4,612.59	68.43	68.405		
10,900.00	7,850.00	6,527.00	6,508.08	90.43	23.00	-67.25	-607.32	23.74	4,747.03	4,677.81	69.23	68.573		
11,000.00	7,850.00	6,527.00	6,508.08	92.69	23.00	-67.25	-607.32	23.74	4,814.22	4,744.22	70.00	68.777		
11,100.00	7,850.00	6,527.00	6,508.08	94.98	23.00	-67.25	-607.32	23.74	4,882.53	4,811.78	70.75	69.013		
11,200.00	7,850.00	6,527.00	6,508.08	97.29	23.00	-67.25	-607.32	23.74	4,951.91	4,880.44	71.48	69.281		
11,300.00	7,850.00	6,527.00	6,508.08	99.62	23.00	-67.25	-607.32	23.74	5,022.33	4,950.15	72.18	69.580		
11,400.00	7,850.00	6,527.00	6,508.08	101.98	23.00	-67.25	-607.32	23.74	5,093.74	5,020.88	72.87	69.907		
11,500.00	7,850.00	6,527.00	6,508.08	104.35	23.00	-67.25	-607.32	23.74	5,166.10	5,092.57	73.53	70.261		
11,600.00	7,850.00	6,527.00	6,508.08	106.74	23.00	-67.25	-607.32	23.74	5,239.36	5,165.19	74.17	70.640		
11,700.00	7,850.00	6,527.00	6,508.08	109.15	23.00	-67.25	-607.32	23.74	5,313.50	5,238.71	74.79	71.044		
11,800.00	7,850.00	6,527.00	6,508.08	111.57	23.00	-67.25	-607.32	23.74	5,388.48	5,313.08	75.39	71.472		
11,900.00	7,850.00	6,497.88	6,480.17	114.01	22.88	-66.78	-599.89	20.03	5,464.04	5,388.34	75.71	72.174		
12,000.00	7,850.00	6,493.41	6,475.88	116.46	22.86	-66.71	-598.75	19.49	5,540.52	5,464.29	76.23	72.681		
12,100.00	7,850.00	6,489.07	6,471.71	118.92	22.84	-66.64	-597.64	18.97	5,617.72	5,540.99	76.74	73.207		
12,200.00	7,850.00	6,484.85	6,467.67	121.39	22.83	-66.58	-596.56	18.48	5,695.63	5,618.40	77.23	73.751		
12,300.00	7,850.00	6,480.77	6,463.74	123.88	22.81	-66.51	-595.52	18.01	5,774.21	5,696.50	77.70	74.311		
12,400.00	7,850.00	6,476.79	6,459.93	126.37	22.79	-66.45	-594.50	17.56	5,853.43	5,775.27	78.16	74.888		
12,500.00	7,850.00	6,472.93	6,456.22	128.87	22.78	-66.39	-593.51	17.13	5,933.27	5,854.66	78.61	75.479		
12,600.00	7,850.00	6,469.18	6,452.62	131.38	22.76	-66.33	-592.55	16.71	6,013.71	5,934.67	79.04	76.085		
12,700.00	7,850.00	6,465.53	6,449.12	133.90	22.75	-66.27	-591.61	16.32	6,094.72	6,015.26	79.46	76.704		
12,800.00	7,850.00	6,461.98	6,445.71	136.42	22.73	-66.21	-590.70	15.94	6,176.28	6,096.42	79.86	77.337		
12,900.00	7,850.00	6,432.00	6,416.89	138.96	22.61	-65.74	-583.01	12.93	6,258.55	6,178.54	80.01	78.222		
13,000.00	7,850.00	6,432.00	6,416.89	141.49	22.61	-65.74	-583.01	12.93	6,341.10	6,260.68	80.42	78.849		
13,100.00	7,850.00	6,432.00	6,416.89	144.04	22.61	-65.74	-583.01	12.93	6,424.16	6,343.34	80.82	79.487		
13,200.00	7,850.00	6,432.00	6,416.89	146.59	22.61	-65.74	-583.01	12.93	6,507.69	6,426.48	81.21	80.138		
13,300.00	7,850.00	6,432.00	6,416.89	149.15	22.61	-65.74	-583.01	12.93	6,591.68	6,510.09	81.58	80.799		
13,400.00	7,850.00	6,432.00	6,416.89	151.71	22.61	-65.74	-583.01	12.93	6,676.11	6,594.16	81.95	81.471		
13,500.00	7,850.00	6,432.00	6,416.89	154.27	22.61	-65.74	-583.01	12.93	6,760.96	6,678.66	82.30	82.152		
13,600.00	7,850.00	6,432.00	6,416.89	156.84	22.61	-65.74	-583.01	12.93	6,846.22	6,763.58	82.64	82.843		
13,700.00	7,850.00	6,432.00	6,416.89	159.42	22.61	-65.74	-583.01	12.93	6,931.88	6,848.91	82.97	83.544		
13,800.00	7,850.00	6,432.00	6,416.89	162.00	22.61	-65.74	-583.01	12.93	7,017.92	6,934.62	83.30	84.252		
13,900.00	7,850.00	6,432.00	6,416.89	164.58	22.61	-65.74	-583.01	12.93	7,104.32	7,020.71	83.61	84.969		
14,000.00	7,850.00	6,432.00	6,416.89	167.17	22.61	-65.74	-583.01	12.93	7,191.07	7,107.16	83.92	85.694		
14,100.00	7,850.00	6,414.18	6,399.74	169.76	22.54	-65.46	-578.44	11.27	7,278.13	7,194.08	84.05	86.590		
14,200.00	7,850.00	6,408.87	6,394.63	172.35	22.52	-65.37	-577.09	10.77	7,365.53	7,281.23	84.29	87.378		
14,300.00	7,850.00	6,403.60	6,389.56	174.95	22.49	-65.29	-575.75	10.28	7,453.23	7,368.70	84.53	88.173		
14,400.00	7,850.00	6,398.36	6,384.51	177.55	22.47	-65.21	-574.42	9.80	7,541.24	7,456.48	84.76	88.975		
14,500.00	7,850.00	6,393.15	6,379.50	180.15	22.45	-65.12	-573.10	9.32	7,629.53	7,544.56	84.98	89.783		
14,600.00	7,850.00	6,387.98	6,374.51	182.76	22.43	-65.04	-571.79	8.85	7,718.11	7,632.92	85.19	90.597		
14,700.00	7,850.00	6,382.84	6,369.56	185.37	22.41	-64.96	-570.50	8.38	7,806.95	7,721.55	85.40	91.416		
14,800.00	7,850.00	6,377.73	6,364.64	187.98	22.39	-64.88	-569.21	7.91	7,896.06	7,810.46	85.60	92.241		
14,900.00	7,850.00	6,372.65	6,359.74	190.59	22.37	-64.80	-567.94	7.45	7,985.42	7,899.62	85.80	93.071		
15,000.00	7,850.00	6,367.60	6,354.88	193.21	22.35	-64.72	-566.67	7.00	8,075.02	7,989.03	85.99	93.906		
15,100.00	7,850.00	6,362.59	6,350.04	195.83	22.33	-64.64	-565.42	6.54	8,164.85	8,078.68	86.18	94.745		
15,200.00	7,850.00	6,357.60	6,345.24	198.45	22.31	-64.57	-564.18	6.10	8,254.92	8,168.56	86.36	95.589		
15,300.00	7,850.00	6,338.00	6,326.33	201.07	22.23	-64.26	-559.32	4.35	8,345.23	8,258.82	86.41	96.580		
15,400.00	7,850.00	6,338.00	6,326.33	203.70	22.23	-64.26	-559.32	4.35	8,435.72	8,349.09	86.62	97.385		
15,500.00	7,850.00	6,338.00	6,326.33	206.32	22.23	-64.26	-559.32	4.35	8,526.42	8,439.58	86.83	98.195		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft	
Survey Program: 86-MWD OWSG												Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance					Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
15,600.00	7,850.00	6,338.00	6,326.33	208.95	22.23	-64.26	-559.32	4.35	8,617.32	8,530.28	87.04	99.008		
15,700.00	7,850.00	6,338.00	6,326.33	211.58	22.23	-64.26	-559.32	4.35	8,708.42	8,621.19	87.24	99.825		
15,800.00	7,850.00	6,338.00	6,326.33	214.21	22.23	-64.26	-559.32	4.35	8,799.72	8,712.29	87.43	100.645		
15,900.00	7,850.00	6,338.00	6,326.33	216.85	22.23	-64.26	-559.32	4.35	8,891.21	8,803.58	87.63	101.469		
16,000.00	7,850.00	6,338.00	6,326.33	219.48	22.23	-64.26	-559.32	4.35	8,982.87	8,895.06	87.81	102.295		
16,100.00	7,850.00	6,338.00	6,326.33	222.12	22.23	-64.26	-559.32	4.35	9,074.72	8,986.72	88.00	103.125		
16,200.00	7,850.00	6,338.00	6,326.33	224.76	22.23	-64.26	-559.32	4.35	9,166.73	9,078.55	88.18	103.957		
16,300.00	7,850.00	6,338.00	6,326.33	227.39	22.23	-64.26	-559.32	4.35	9,258.91	9,170.55	88.35	104.793		
16,400.00	7,850.00	6,338.00	6,326.33	230.03	22.23	-64.26	-559.32	4.35	9,351.25	9,262.72	88.53	105.630		
16,500.00	7,850.00	6,338.00	6,326.33	232.68	22.23	-64.26	-559.32	4.35	9,443.74	9,355.05	88.70	106.471		
16,600.00	7,850.00	6,338.00	6,326.33	235.32	22.23	-64.26	-559.32	4.35	9,536.39	9,447.53	88.87	107.313		
16,700.00	7,850.00	6,307.11	6,296.47	237.96	22.11	-63.78	-551.84	1.67	9,629.03	9,540.25	88.77	108.469		
16,800.00	7,850.00	6,304.43	6,293.89	240.61	22.10	-63.73	-551.20	1.44	9,721.94	9,633.02	88.91	109.344		
16,900.00	7,850.00	6,301.78	6,291.32	243.26	22.09	-63.69	-550.58	1.22	9,814.98	9,725.93	89.05	110.220		
17,000.00	7,850.00	6,299.15	6,288.77	245.90	22.08	-63.65	-549.96	1.00	9,908.16	9,818.98	89.18	111.099		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.10	-0.10	0.00	0.00	0.80	20.03	0.28	20.04					
100.00	100.00	99.90	99.90	0.13	0.13	0.80	20.03	0.28	20.04	19.77	0.27	74.564	CC	
200.00	200.00	199.17	199.15	0.49	0.49	0.27	21.74	0.10	21.76	20.76	0.99	21.929		
300.00	299.98	298.30	298.15	0.85	0.86	6.50	26.86	-0.43	25.19	23.48	1.71	14.726		
400.00	399.84	397.32	396.79	1.22	1.22	6.04	35.37	-1.32	28.60	26.17	2.42	11.795		
500.00	499.45	496.22	494.96	1.59	1.61	5.79	47.24	-2.56	31.98	28.84	3.14	10.184		
600.00	598.70	595.01	592.55	1.97	2.02	5.70	62.46	-4.15	35.32	31.46	3.86	9.155		
700.00	697.47	693.68	689.44	2.38	2.46	5.72	81.00	-6.08	38.63	34.05	4.58	8.431		
800.00	795.62	792.25	785.53	2.82	2.93	5.83	102.82	-8.36	41.90	36.59	5.31	7.888		
900.00	893.06	890.71	880.71	3.29	3.44	6.00	127.88	-10.97	45.12	39.07	6.05	7.458		
1,000.00	989.64	989.06	974.86	3.79	3.99	6.23	156.15	-13.92	48.29	41.50	6.79	7.109		
1,100.00	1,085.27	1,087.31	1,067.88	4.34	4.57	6.50	187.58	-17.20	51.41	43.86	7.55	6.807		
1,200.00	1,179.82	1,185.46	1,159.67	4.93	5.20	6.81	222.13	-20.81	54.47	46.15	8.32	6.545		
1,300.00	1,273.48	1,283.47	1,250.09	5.56	5.87	7.05	259.73	-24.73	58.33	49.23	9.10	6.407		
1,400.00	1,367.08	1,382.92	1,340.95	6.19	6.58	7.06	299.96	-28.93	64.30	54.35	9.95	6.465		
1,500.00	1,460.69	1,482.74	1,432.11	6.84	7.31	7.06	340.39	-33.15	70.33	59.52	10.81	6.506		
1,600.00	1,554.30	1,582.56	1,523.28	7.50	8.04	7.07	380.81	-37.37	76.35	64.67	11.68	6.538		
1,700.00	1,647.90	1,682.37	1,614.45	8.15	8.78	7.07	421.24	-41.59	82.38	69.83	12.55	6.562		
1,800.00	1,741.51	1,782.19	1,705.61	8.82	9.52	7.08	461.67	-45.81	88.41	74.97	13.43	6.582		
1,900.00	1,835.12	1,882.01	1,796.78	9.48	10.27	7.08	502.10	-50.03	94.43	80.12	14.31	6.597		
2,000.00	1,928.73	1,981.83	1,887.95	10.15	11.01	7.08	542.53	-54.24	100.46	85.26	15.20	6.609		
2,100.00	2,022.33	2,081.65	1,979.11	10.82	11.76	7.08	582.96	-58.46	106.49	90.40	16.09	6.620		
2,200.00	2,115.94	2,181.47	2,070.28	11.49	12.51	7.09	623.39	-62.68	112.52	95.54	16.98	6.628		
2,300.00	2,209.55	2,281.28	2,161.45	12.16	13.27	7.09	663.82	-66.90	118.54	100.68	17.87	6.635		
2,400.00	2,303.15	2,381.10	2,252.61	12.83	14.02	7.09	704.25	-71.12	124.57	105.81	18.76	6.640		
2,500.00	2,396.76	2,480.92	2,343.78	13.51	14.77	7.09	744.68	-75.34	130.60	110.94	19.65	6.645		
2,600.00	2,490.37	2,580.74	2,434.95	14.18	15.53	7.09	785.11	-79.56	136.62	116.08	20.55	6.649		
2,700.00	2,583.97	2,680.56	2,526.11	14.86	16.28	7.09	825.54	-83.78	142.65	121.21	21.44	6.653		
2,800.00	2,677.58	2,780.37	2,617.28	15.53	17.04	7.09	865.97	-88.00	148.68	126.34	22.34	6.656		
2,900.00	2,771.19	2,880.19	2,708.45	16.21	17.80	7.09	906.39	-92.22	154.71	131.47	23.24	6.658		
3,000.00	2,864.79	2,980.01	2,799.61	16.89	18.55	7.10	946.82	-96.43	160.73	136.60	24.13	6.660		
3,100.00	2,958.40	3,079.83	2,890.78	17.57	19.31	7.10	987.25	-100.65	166.76	141.73	25.03	6.662		
3,200.00	3,052.01	3,179.65	2,981.95	18.24	20.07	7.10	1,027.68	-104.87	172.79	146.86	25.93	6.663		
3,300.00	3,145.62	3,279.47	3,073.11	18.92	20.83	7.10	1,068.11	-109.09	178.82	151.98	26.83	6.665		
3,400.00	3,239.22	3,379.28	3,164.28	19.60	21.59	7.10	1,108.54	-113.31	184.84	157.11	27.73	6.666		
3,500.00	3,332.83	3,479.10	3,255.45	20.28	22.35	7.10	1,148.97	-117.53	190.87	162.24	28.63	6.667		
3,600.00	3,426.44	3,578.92	3,346.61	20.96	23.10	7.10	1,189.40	-121.75	196.90	167.37	29.53	6.668		
3,700.00	3,520.04	3,678.74	3,437.78	21.64	23.86	7.10	1,229.83	-125.97	202.92	172.49	30.43	6.669		
3,800.00	3,613.65	3,778.56	3,528.95	22.32	24.62	7.10	1,270.26	-130.19	208.95	177.62	31.33	6.668		
3,900.00	3,707.26	3,878.37	3,620.11	23.00	25.38	7.10	1,310.69	-134.41	214.98	182.74	32.23	6.669		
4,000.00	3,800.86	3,978.19	3,711.28	23.68	26.14	7.10	1,351.12	-138.62	221.01	187.87	33.13	6.670		
4,100.00	3,894.47	4,078.01	3,802.45	24.36	26.90	7.10	1,391.55	-142.84	227.03	193.00	34.04	6.670		
4,200.00	3,988.08	4,177.83	3,893.61	25.04	27.66	7.10	1,431.97	-147.06	233.06	198.12	34.94	6.671		
4,300.00	4,081.68	4,277.65	3,984.78	25.72	28.42	7.10	1,472.40	-151.28	239.09	203.25	35.84	6.671		
4,400.00	4,175.29	4,377.47	4,075.95	26.40	29.18	7.10	1,512.83	-155.50	245.11	208.37	36.74	6.671		
4,500.00	4,268.90	4,477.28	4,167.11	27.08	29.94	7.10	1,553.26	-159.72	251.14	213.50	37.65	6.671		
4,600.00	4,362.51	4,577.10	4,258.28	27.76	30.70	7.10	1,593.69	-163.94	257.17	218.62	38.55	6.671		
4,700.00	4,456.11	4,676.92	4,349.45	28.44	31.46	7.11	1,634.12	-168.16	263.20	223.74	39.45	6.671		
4,800.00	4,549.72	4,776.74	4,440.61	29.12	32.22	7.11	1,674.55	-172.38	269.22	228.87	40.35	6.672		
4,900.00	4,643.33	4,876.56	4,531.78	29.80	32.99	7.11	1,714.98	-176.60	275.25	233.99	41.26	6.672		
5,000.00	4,736.93	4,976.37	4,622.94	30.48	33.75	7.11	1,755.41	-180.82	281.28	239.12	42.16	6.672		
5,100.00	4,830.54	5,076.19	4,714.11	31.16	34.51	7.11	1,795.84	-185.03	287.30	244.24	43.06	6.672		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	5,176.01	4,805.28	31.84	35.27	7.11	1,836.27	-189.25	293.33	249.37	43.97	6.672		
5,300.00	5,017.75	5,275.83	4,896.44	32.52	36.03	7.11	1,876.70	-193.47	299.36	254.49	44.87	6.672		
5,400.00	5,111.36	5,375.65	4,987.61	33.20	36.79	7.11	1,917.13	-197.69	305.39	259.61	45.77	6.672		
5,500.00	5,204.97	5,475.47	5,078.78	33.88	37.55	7.11	1,957.55	-201.91	311.41	264.74	46.68	6.672		
5,600.00	5,298.57	5,575.28	5,169.94	34.56	38.31	7.11	1,997.98	-206.13	317.44	269.86	47.58	6.672		
5,700.00	5,392.18	5,675.10	5,261.11	35.25	39.07	7.11	2,038.41	-210.35	323.47	274.98	48.48	6.672		
5,800.00	5,485.79	5,774.92	5,352.28	35.93	39.83	7.11	2,078.84	-214.57	329.49	280.11	49.39	6.671		
5,900.00	5,579.40	5,874.74	5,443.44	36.61	40.60	7.11	2,119.27	-218.79	335.52	285.23	50.29	6.671		
6,000.00	5,673.00	5,974.56	5,534.61	37.29	41.36	7.11	2,159.70	-223.01	341.55	290.35	51.20	6.671		
6,100.00	5,766.61	6,074.37	5,625.78	37.97	42.12	7.11	2,200.13	-227.22	347.58	295.48	52.10	6.671		
6,200.00	5,860.22	6,174.19	5,716.94	38.65	42.88	7.11	2,240.56	-231.44	353.60	300.60	53.00	6.671		
6,300.00	5,953.82	6,274.01	5,808.11	39.33	43.64	7.11	2,280.99	-235.66	359.63	305.72	53.91	6.671		
6,400.00	6,047.43	6,373.83	5,899.28	40.02	44.40	7.11	2,321.42	-239.88	365.66	310.85	54.81	6.671		
6,500.00	6,141.04	6,473.65	5,990.44	40.70	45.16	7.11	2,361.85	-244.10	371.69	315.97	55.72	6.671		
6,600.00	6,234.64	6,573.47	6,081.61	41.38	45.93	7.11	2,402.28	-248.32	377.71	321.09	56.62	6.671		
6,700.00	6,328.25	6,673.28	6,172.78	42.06	46.69	7.11	2,442.71	-252.54	383.74	326.21	57.53	6.671		
6,800.00	6,421.86	6,773.10	6,263.94	42.74	47.45	7.11	2,483.13	-256.76	389.77	331.34	58.43	6.671		
6,900.00	6,515.47	6,872.92	6,355.11	43.42	48.21	7.11	2,523.56	-260.98	395.79	336.46	59.33	6.671		
7,000.00	6,609.07	6,972.74	6,446.28	44.10	48.97	7.11	2,563.99	-265.20	401.82	341.58	60.24	6.670		
7,100.00	6,702.68	7,072.56	6,537.44	44.79	49.73	7.11	2,604.42	-269.41	407.85	346.70	61.14	6.670		
7,200.00	6,796.29	7,172.38	6,628.61	45.47	50.49	7.11	2,644.85	-273.63	413.88	351.83	62.05	6.670		
7,300.00	6,889.89	7,272.19	6,719.78	46.15	51.26	7.11	2,685.28	-277.85	419.90	356.95	62.95	6.670		
7,400.00	6,983.50	7,372.01	6,810.94	46.83	52.02	7.11	2,725.71	-282.07	425.93	362.07	63.86	6.670		
7,500.00	7,077.11	7,471.83	6,902.11	47.51	52.78	7.11	2,766.14	-286.29	431.96	367.19	64.76	6.670		
7,600.00	7,170.71	7,571.65	6,993.28	48.19	53.54	7.11	2,806.57	-290.51	437.98	372.32	65.67	6.670		
7,700.00	7,264.32	7,671.47	7,084.44	48.88	54.30	7.11	2,847.00	-294.73	444.01	377.44	66.57	6.670		
7,800.00	7,357.90	7,771.28	7,175.60	49.56	55.06	12.82	2,887.43	-298.95	450.04	382.55	67.49	6.668		
7,900.00	7,450.12	7,870.17	7,265.93	50.26	55.82	35.54	2,927.48	-303.13	456.26	387.48	68.78	6.633		
8,000.00	7,538.18	7,971.20	7,357.65	50.97	56.60	51.74	2,968.23	-313.64	463.43	392.72	70.71	6.554		
8,100.00	7,619.40	8,077.40	7,450.62	51.66	57.44	62.40	3,009.76	-343.24	471.37	398.44	72.93	6.463		
8,200.00	7,691.32	8,188.82	7,540.96	52.34	58.30	69.68	3,050.37	-393.91	479.63	404.49	75.14	6.383		
8,300.00	7,751.74	8,305.71	7,624.13	53.00	59.17	74.79	3,088.06	-466.55	487.64	410.65	76.99	6.334		
8,400.00	7,798.84	8,427.90	7,694.71	53.64	60.03	78.36	3,120.43	-560.60	494.74	416.48	78.26	6.322		
8,500.00	7,831.18	8,554.73	7,746.91	54.26	60.85	80.67	3,144.87	-673.28	500.30	421.31	78.98	6.334		
8,600.00	7,847.78	8,684.92	7,775.57	54.86	61.62	81.85	3,159.05	-799.19	503.77	424.33	79.44	6.342		
8,700.00	7,850.00	8,802.83	7,780.00	55.46	62.26	82.04	3,162.39	-916.87	504.96	424.18	80.78	6.251		
8,800.00	7,850.00	8,902.83	7,780.00	56.13	62.85	82.05	3,163.57	-1,016.86	505.66	422.23	83.43	6.061		
8,900.00	7,850.00	9,002.83	7,780.00	56.90	63.52	82.07	3,164.75	-1,116.85	506.36	420.03	86.32	5.866		
9,000.00	7,850.00	9,102.82	7,780.00	57.76	64.27	82.08	3,165.92	-1,216.84	507.06	417.60	89.45	5.669		
9,100.00	7,850.00	9,202.82	7,780.00	58.72	65.10	82.09	3,167.10	-1,316.83	507.75	414.98	92.78	5.473		
9,200.00	7,850.00	9,302.82	7,780.00	59.79	66.02	82.10	3,168.28	-1,416.82	508.45	412.16	96.29	5.281		
9,300.00	7,850.00	9,402.82	7,780.00	60.96	67.03	82.11	3,169.45	-1,516.81	509.15	409.19	99.96	5.094		
9,400.00	7,850.00	9,502.81	7,780.00	62.23	68.13	82.12	3,170.63	-1,616.80	509.85	406.07	103.78	4.913		
9,500.00	7,850.00	9,602.81	7,780.00	63.60	69.32	82.13	3,171.81	-1,716.79	510.55	402.82	107.73	4.739		
9,600.00	7,850.00	9,702.81	7,780.00	65.07	70.60	82.14	3,172.98	-1,816.78	511.25	399.46	111.79	4.573		
9,700.00	7,850.00	9,802.81	7,780.00	66.63	71.97	82.15	3,174.16	-1,916.77	511.95	395.99	115.96	4.415		
9,800.00	7,850.00	9,902.80	7,780.00	68.28	73.42	82.16	3,175.34	-2,016.76	512.65	392.42	120.22	4.264		
9,900.00	7,850.00	10,002.80	7,780.00	70.00	74.96	82.17	3,176.51	-2,116.75	513.34	388.78	124.57	4.121		
10,000.00	7,850.00	10,102.80	7,780.00	71.80	76.57	82.18	3,177.69	-2,216.74	514.04	385.06	128.99	3.985		
10,100.00	7,850.00	10,202.80	7,780.00	73.67	78.26	82.20	3,178.87	-2,316.74	514.74	381.27	133.48	3.856		
10,200.00	7,850.00	10,302.79	7,780.00	75.60	80.01	82.21	3,180.04	-2,416.73	515.44	377.41	138.03	3.734		
10,300.00	7,850.00	10,402.79	7,780.00	77.59	81.83	82.22	3,181.22	-2,516.72	516.14	373.51	142.63	3.619		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	10,502.79	7,780.00	79.62	83.71	82.23	3,182.39	-2,616.71	516.84	369.55	147.29	3.509		
10,500.00	7,850.00	10,602.79	7,780.00	81.71	85.64	82.24	3,183.57	-2,716.70	517.54	365.55	151.99	3.405		
10,600.00	7,850.00	10,702.78	7,780.00	83.83	87.63	82.25	3,184.75	-2,816.69	518.24	361.50	156.74	3.306		
10,700.00	7,850.00	10,802.78	7,780.00	86.00	89.66	82.26	3,185.92	-2,916.68	518.94	357.42	161.52	3.213		
10,800.00	7,850.00	10,902.78	7,780.00	88.20	91.73	82.27	3,187.10	-3,016.67	519.64	353.30	166.33	3.124		
10,900.00	7,850.00	11,002.78	7,780.00	90.43	93.85	82.28	3,188.28	-3,116.66	520.33	349.15	171.18	3.040		
11,000.00	7,850.00	11,102.77	7,780.00	92.69	96.00	82.29	3,189.45	-3,216.65	521.03	344.98	176.06	2.959		
11,100.00	7,850.00	11,202.77	7,780.00	94.98	98.18	82.30	3,190.63	-3,316.64	521.73	340.77	180.96	2.883		
11,200.00	7,850.00	11,302.77	7,780.00	97.29	100.39	82.31	3,191.81	-3,416.63	522.43	336.54	185.89	2.810		
11,300.00	7,850.00	11,402.77	7,780.00	99.62	102.63	82.32	3,192.98	-3,516.62	523.13	332.29	190.84	2.741		
11,400.00	7,850.00	11,502.76	7,780.00	101.98	104.90	82.33	3,194.16	-3,616.61	523.83	328.01	195.82	2.675		
11,500.00	7,850.00	11,602.76	7,780.00	104.35	107.19	82.34	3,195.34	-3,716.60	524.53	323.72	200.81	2.612		
11,600.00	7,850.00	11,702.76	7,780.00	106.74	109.51	82.35	3,196.51	-3,816.59	525.23	319.41	205.82	2.552		
11,700.00	7,850.00	11,802.76	7,780.00	109.15	111.84	82.36	3,197.69	-3,916.58	525.93	315.08	210.85	2.494		
11,800.00	7,850.00	11,902.75	7,780.00	111.57	114.20	82.37	3,198.87	-4,016.58	526.63	310.74	215.89	2.439		
11,900.00	7,850.00	12,002.75	7,780.00	114.01	116.57	82.38	3,200.04	-4,116.57	527.33	306.38	220.95	2.387		
12,000.00	7,850.00	12,102.75	7,780.00	116.46	118.95	82.39	3,201.22	-4,216.56	528.02	302.01	226.02	2.336		
12,100.00	7,850.00	12,202.75	7,780.00	118.92	121.36	82.40	3,202.39	-4,316.55	528.72	297.62	231.10	2.288		
12,200.00	7,850.00	12,302.74	7,780.00	121.39	123.77	82.41	3,203.57	-4,416.54	529.42	293.22	236.20	2.241		
12,300.00	7,850.00	12,402.74	7,780.00	123.88	126.20	82.42	3,204.75	-4,516.53	530.12	288.82	241.31	2.197		
12,400.00	7,850.00	12,502.74	7,780.00	126.37	128.64	82.43	3,205.92	-4,616.52	530.82	284.40	246.43	2.154		
12,500.00	7,850.00	12,602.74	7,780.00	128.87	131.10	82.44	3,207.10	-4,716.51	531.52	279.97	251.55	2.113		
12,600.00	7,850.00	12,702.73	7,780.00	131.38	133.56	82.45	3,208.28	-4,816.50	532.22	275.53	256.69	2.073		
12,700.00	7,850.00	12,802.73	7,780.00	133.90	136.04	82.46	3,209.45	-4,916.49	532.92	271.08	261.84	2.035		
12,800.00	7,850.00	12,902.73	7,780.00	136.42	138.52	82.47	3,210.63	-5,016.48	533.62	266.63	266.99	1.999		
12,900.00	7,850.00	13,002.73	7,780.00	138.96	141.01	82.48	3,211.81	-5,116.47	534.32	262.16	272.15	1.963		
13,000.00	7,850.00	13,102.72	7,780.00	141.49	143.51	82.49	3,212.98	-5,216.46	535.02	257.69	277.32	1.929		
13,100.00	7,850.00	13,202.72	7,780.00	144.04	146.02	82.50	3,214.16	-5,316.45	535.72	253.22	282.50	1.896		
13,200.00	7,850.00	13,302.72	7,780.00	146.59	148.54	82.51	3,215.34	-5,416.44	536.42	248.73	287.68	1.865		
13,300.00	7,850.00	13,402.72	7,780.00	149.15	151.06	82.52	3,216.51	-5,516.43	537.12	244.24	292.87	1.834		
13,400.00	7,850.00	13,502.71	7,780.00	151.71	153.59	82.53	3,217.69	-5,616.42	537.82	239.75	298.07	1.804		
13,500.00	7,850.00	13,602.71	7,780.00	154.27	156.12	82.54	3,218.86	-5,716.42	538.52	235.24	303.27	1.776		
13,600.00	7,850.00	13,702.71	7,780.00	156.84	158.67	82.55	3,220.04	-5,816.41	539.21	230.74	308.48	1.748		
13,700.00	7,850.00	13,802.71	7,780.00	159.42	161.21	82.56	3,221.22	-5,916.40	539.91	226.22	313.69	1.721		
13,800.00	7,850.00	13,902.70	7,780.00	162.00	163.76	82.57	3,222.39	-6,016.39	540.61	221.71	318.91	1.695		
13,900.00	7,850.00	14,002.70	7,780.00	164.58	166.32	82.58	3,223.57	-6,116.38	541.31	217.18	324.13	1.670		
14,000.00	7,850.00	14,102.70	7,780.00	167.17	168.88	82.59	3,224.75	-6,216.37	542.01	212.66	329.36	1.646		
14,100.00	7,850.00	14,202.70	7,780.00	169.76	171.45	82.60	3,225.92	-6,316.36	542.71	208.13	334.59	1.622		
14,200.00	7,850.00	14,302.69	7,780.00	172.35	174.02	82.61	3,227.10	-6,416.35	543.41	203.59	339.82	1.599		
14,300.00	7,850.00	14,402.69	7,780.00	174.95	176.60	82.62	3,228.28	-6,516.34	544.11	199.05	345.06	1.577		
14,400.00	7,850.00	14,502.69	7,780.00	177.55	179.17	82.63	3,229.45	-6,616.33	544.81	194.51	350.30	1.555		
14,500.00	7,850.00	14,602.69	7,780.00	180.15	181.76	82.64	3,230.63	-6,716.32	545.51	189.96	355.55	1.534		
14,600.00	7,850.00	14,702.68	7,780.00	182.76	184.34	82.65	3,231.81	-6,816.31	546.21	185.41	360.80	1.514		
14,700.00	7,850.00	14,802.68	7,780.00	185.37	186.93	82.66	3,232.98	-6,916.30	546.91	180.86	366.05	1.494 Level 3		
14,800.00	7,850.00	14,902.68	7,780.00	187.98	189.52	82.67	3,234.16	-7,016.29	547.61	176.31	371.30	1.475 Level 3		
14,900.00	7,850.00	15,002.68	7,780.00	190.59	192.12	82.68	3,235.34	-7,116.28	548.31	171.75	376.56	1.456 Level 3		
15,000.00	7,850.00	15,102.67	7,780.00	193.21	194.72	82.69	3,236.51	-7,216.27	549.01	167.19	381.82	1.438 Level 3		
15,100.00	7,850.00	15,202.67	7,780.00	195.83	197.32	82.69	3,237.69	-7,316.27	549.71	162.62	387.09	1.420 Level 3		
15,200.00	7,850.00	15,302.67	7,780.00	198.45	199.92	82.70	3,238.86	-7,416.26	550.41	158.05	392.36	1.403 Level 3		
15,300.00	7,850.00	15,402.67	7,780.00	201.07	202.53	82.71	3,240.04	-7,516.25	551.11	153.48	397.62	1.386 Level 3		
15,400.00	7,850.00	15,502.66	7,780.00	203.70	205.14	82.72	3,241.22	-7,616.24	551.81	148.91	402.90	1.370 Level 3		
15,500.00	7,850.00	15,602.66	7,780.00	206.32	207.75	82.73	3,242.39	-7,716.23	552.51	144.34	408.17	1.354 Level 3		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,600.00	7,850.00	15,702.66	7,780.00	208.95	210.36	82.74	3,243.57	-7,816.22	553.21	139.76	413.45	1.338	Level 3		
15,700.00	7,850.00	15,802.66	7,780.00	211.58	212.98	82.75	3,244.75	-7,916.21	553.91	135.18	418.73	1.323	Level 3		
15,800.00	7,850.00	15,902.65	7,780.00	214.21	215.60	82.76	3,245.92	-8,016.20	554.61	130.60	424.01	1.308	Level 3		
15,900.00	7,850.00	16,002.65	7,780.00	216.85	218.22	82.77	3,247.10	-8,116.19	555.31	126.02	429.29	1.294	Level 3		
16,000.00	7,850.00	16,102.65	7,780.00	219.48	220.84	82.78	3,248.28	-8,216.18	556.01	121.43	434.58	1.279	Level 3		
16,100.00	7,850.00	16,202.65	7,780.00	222.12	223.46	82.79	3,249.45	-8,316.17	556.71	116.84	439.86	1.266	Level 3		
16,200.00	7,850.00	16,302.64	7,780.00	224.76	226.09	82.80	3,250.63	-8,416.16	557.41	112.25	445.15	1.252	Level 3		
16,300.00	7,850.00	16,402.64	7,780.00	227.39	228.72	82.80	3,251.81	-8,516.15	558.11	107.66	450.44	1.239	Level 2		
16,400.00	7,850.00	16,502.64	7,780.00	230.03	231.35	82.81	3,252.98	-8,616.14	558.81	103.07	455.74	1.226	Level 2		
16,500.00	7,850.00	16,602.64	7,780.00	232.68	233.98	82.82	3,254.16	-8,716.13	559.51	98.47	461.03	1.214	Level 2		
16,600.00	7,850.00	16,702.63	7,780.00	235.32	236.61	82.83	3,255.34	-8,816.12	560.21	93.88	466.33	1.201	Level 2		
16,700.00	7,850.00	16,802.63	7,780.00	237.96	239.24	82.84	3,256.51	-8,916.11	560.91	89.28	471.63	1.189	Level 2		
16,800.00	7,850.00	16,902.63	7,780.00	240.61	241.88	82.85	3,257.69	-9,016.11	561.61	84.68	476.92	1.178	Level 2		
16,900.00	7,850.00	17,002.63	7,780.00	243.26	244.51	82.86	3,258.86	-9,116.10	562.31	80.08	482.22	1.166	Level 2		
17,000.00	7,850.00	17,102.62	7,780.00	245.90	247.15	82.87	3,260.04	-9,216.09	563.01	75.48	487.53	1.155	Level 2		
17,100.00	7,850.00	17,202.62	7,780.00	248.55	249.79	82.88	3,261.22	-9,316.08	563.71	70.87	492.83	1.144	Level 2		
17,200.00	7,850.00	17,302.62	7,780.00	251.20	252.43	82.89	3,262.39	-9,416.07	564.41	66.27	498.14	1.133	Level 2		
17,300.00	7,850.00	17,402.62	7,780.00	253.85	255.07	82.89	3,263.57	-9,516.06	565.11	61.66	503.44	1.122	Level 2		
17,400.00	7,850.00	17,502.61	7,780.00	256.50	257.72	82.90	3,264.75	-9,616.05	565.81	57.06	508.75	1.112	Level 2		
17,500.00	7,850.00	17,602.61	7,780.00	259.16	260.36	82.91	3,265.92	-9,716.04	566.51	52.45	514.06	1.102	Level 2		
17,600.00	7,850.00	17,702.61	7,780.00	261.81	263.00	82.92	3,267.10	-9,816.03	567.21	47.84	519.37	1.092	Level 2		
17,700.00	7,850.00	17,802.61	7,780.00	264.47	265.65	82.93	3,268.28	-9,916.02	567.91	43.23	524.68	1.082	Level 2		
17,800.00	7,850.00	17,902.61	7,780.00	267.12	268.30	82.94	3,269.45	-10,016.01	568.61	38.61	529.99	1.073	Level 2		
17,900.00	7,850.00	18,002.60	7,780.00	269.78	270.95	82.95	3,270.63	-10,116.00	569.31	34.00	535.31	1.064	Level 2		
18,000.00	7,850.00	18,102.60	7,780.00	272.43	273.60	82.96	3,271.81	-10,215.99	570.01	29.39	540.62	1.054	Level 2		
18,100.00	7,850.00	18,202.60	7,780.00	275.09	276.25	82.96	3,272.98	-10,315.98	570.71	24.77	545.94	1.045	Level 2		
18,200.00	7,850.00	18,302.60	7,780.00	277.75	278.90	82.97	3,274.16	-10,415.97	571.41	20.15	551.25	1.037	Level 2		
18,300.00	7,850.00	18,402.59	7,780.00	280.41	281.55	82.98	3,275.34	-10,515.96	572.11	15.54	556.57	1.028	Level 2		
18,400.00	7,850.00	18,502.59	7,780.00	283.07	284.20	82.99	3,276.51	-10,615.95	572.81	10.92	561.89	1.019	Level 2		
18,500.00	7,850.00	18,602.59	7,780.00	285.73	286.85	83.00	3,277.69	-10,715.95	573.51	6.30	567.21	1.011	Level 2		
18,566.61	7,850.00	18,669.19	7,780.00	287.50	288.62	83.00	3,278.47	-10,782.54	573.97	3.22	570.75	1.006	Level 2, ES, SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.10	0.10	0.00	0.00	180.00	-19.67	0.00	19.67					
100.00	100.00	100.10	100.10	0.13	0.13	180.00	-19.67	0.00	19.67	19.40	0.27	73.067		
200.00	200.00	200.10	200.10	0.49	0.49	-180.00	-19.67	0.00	19.67	18.68	0.99	19.947		
200.55	200.55	200.65	200.65	0.49	0.50	-172.99	-19.67	0.00	19.67	18.68	0.99	19.867 CC		
300.00	299.98	300.67	300.65	0.85	0.85	-170.81	-18.19	-0.97	19.95	18.24	1.71	11.691 ES		
400.00	399.84	401.20	401.04	1.22	1.22	-164.66	-13.78	-3.89	20.95	18.52	2.43	8.625		
500.00	499.45	501.29	500.81	1.59	1.59	-157.43	-7.17	-8.25	23.64	20.48	3.16	7.480		
600.00	598.70	601.09	600.29	1.97	1.96	-154.65	-0.44	-12.69	29.64	25.74	3.90	7.595		
700.00	697.47	700.67	699.53	2.38	2.33	-155.13	6.27	-17.12	38.82	34.17	4.65	8.345		
800.00	795.62	800.12	798.43	2.82	2.71	-157.00	12.96	-21.54	51.18	45.77	5.40	9.469		
900.00	893.06	901.38	896.85	3.29	3.09	-159.22	19.61	-25.93	66.79	60.62	6.17	10.830		
1,000.00	989.64	1,003.23	994.67	3.79	3.48	-161.32	26.23	-30.30	85.72	78.78	6.94	12.360		
1,100.00	1,085.27	1,105.81	1,091.78	4.34	3.87	-163.16	32.79	-34.63	108.00	100.29	7.71	14.007		
1,200.00	1,179.82	1,209.21	1,188.06	4.93	4.26	-164.74	39.30	-38.93	133.62	125.13	8.49	15.734		
1,300.00	1,273.48	1,286.68	1,283.63	5.56	4.55	-166.09	45.76	-43.19	161.79	152.61	9.18	17.623		
1,400.00	1,367.08	1,382.52	1,379.16	6.19	4.92	-167.09	52.22	-47.46	190.16	180.23	9.93	19.144		
1,500.00	1,460.69	1,478.37	1,474.70	6.84	5.28	-167.83	58.68	-51.72	218.57	207.88	10.69	20.447		
1,600.00	1,554.30	1,574.21	1,570.23	7.50	5.65	-168.40	65.14	-55.98	247.01	235.56	11.45	21.574		
1,700.00	1,647.90	1,670.06	1,665.76	8.15	6.01	-168.85	71.60	-60.25	275.47	263.26	12.21	22.558		
1,800.00	1,741.51	1,765.90	1,761.29	8.82	6.38	-169.22	78.06	-64.51	303.94	290.96	12.98	23.423		
1,900.00	1,835.12	1,861.75	1,856.83	9.48	6.74	-169.52	84.52	-68.78	332.42	318.67	13.74	24.189		
2,000.00	1,928.73	1,957.59	1,952.36	10.15	7.11	-169.78	90.98	-73.04	360.90	346.39	14.51	24.872		
2,100.00	2,022.33	2,053.44	2,047.89	10.82	7.47	-170.00	97.44	-77.30	389.39	374.12	15.28	25.485		
2,200.00	2,115.94	2,149.29	2,143.42	11.49	7.83	-170.19	103.90	-81.57	417.89	401.84	16.05	26.038		
2,300.00	2,209.55	2,245.13	2,238.96	12.16	8.20	-170.35	110.36	-85.83	446.39	429.57	16.82	26.539		
2,400.00	2,303.15	2,340.98	2,334.49	12.83	8.56	-170.49	116.81	-90.10	474.89	457.30	17.59	26.995		
2,500.00	2,396.76	2,436.82	2,430.02	13.51	8.93	-170.62	123.27	-94.36	503.40	485.03	18.36	27.412		
2,600.00	2,490.37	2,532.67	2,525.55	14.18	9.29	-170.74	129.73	-98.62	531.91	512.77	19.14	27.794		
2,700.00	2,583.97	2,628.51	2,621.09	14.86	9.66	-170.84	136.19	-102.89	560.41	540.50	19.91	28.146		
2,800.00	2,677.58	2,724.36	2,716.62	15.53	10.02	-170.93	142.65	-107.15	588.93	568.24	20.69	28.471		
2,900.00	2,771.19	2,820.20	2,812.15	16.21	10.39	-171.02	149.11	-111.41	617.44	595.98	21.46	28.772		
3,000.00	2,864.79	2,916.05	2,907.68	16.89	10.75	-171.10	155.57	-115.68	645.95	623.72	22.23	29.052		
3,100.00	2,958.40	3,011.89	3,003.22	17.57	11.12	-171.17	162.03	-119.94	674.46	651.45	23.01	29.312		
3,200.00	3,052.01	3,107.74	3,098.75	18.24	11.48	-171.23	168.49	-124.21	702.98	679.19	23.79	29.555		
3,300.00	3,145.62	3,203.59	3,194.28	18.92	11.85	-171.29	174.95	-128.47	731.49	706.93	24.56	29.782		
3,400.00	3,239.22	3,300.57	3,289.81	19.60	12.21	-171.35	181.41	-132.73	760.01	734.67	25.34	29.990		
3,500.00	3,332.83	3,404.72	3,385.35	20.28	12.61	-171.40	187.87	-137.00	788.53	762.38	26.15	30.155		
3,600.00	3,426.44	3,508.88	3,480.88	20.96	13.01	-171.45	194.33	-141.26	817.04	790.09	26.96	30.310		
3,700.00	3,520.04	3,586.97	3,576.41	21.64	13.30	-171.49	200.78	-145.52	845.56	817.89	27.67	30.561		
3,800.00	3,613.65	3,682.81	3,671.94	22.32	13.67	-171.53	207.24	-149.79	874.08	845.64	28.45	30.729		
3,900.00	3,707.26	3,778.66	3,767.48	23.00	14.03	-171.57	213.70	-154.05	902.60	873.38	29.22	30.887		
4,000.00	3,800.86	3,874.50	3,863.01	23.68	14.40	-171.61	220.16	-158.32	931.12	901.12	30.00	31.037		
4,100.00	3,894.47	3,970.35	3,958.54	24.36	14.76	-171.64	226.62	-162.58	959.64	928.86	30.78	31.180		
4,200.00	3,988.08	4,066.19	4,054.07	25.04	15.13	-171.67	233.08	-166.84	988.16	956.60	31.56	31.315		
4,300.00	4,081.68	4,162.04	4,149.61	25.72	15.49	-171.70	239.54	-171.11	1,016.68	984.34	32.33	31.443		
4,400.00	4,175.29	4,257.89	4,245.14	26.40	15.86	-171.73	246.00	-175.37	1,045.20	1,012.09	33.11	31.566		
4,500.00	4,268.90	4,353.73	4,340.67	27.08	16.22	-171.76	252.46	-179.63	1,073.72	1,039.83	33.89	31.682		
4,600.00	4,362.51	4,449.58	4,436.20	27.76	16.59	-171.79	258.92	-183.90	1,102.24	1,067.57	34.67	31.794		
4,700.00	4,456.11	4,545.42	4,531.74	28.44	16.95	-171.81	265.38	-188.16	1,130.76	1,095.31	35.45	31.900		
4,800.00	4,549.72	4,641.27	4,627.27	29.12	17.32	-171.83	271.84	-192.43	1,159.28	1,123.05	36.23	32.001		
4,900.00	4,643.33	4,737.11	4,722.80	29.80	17.68	-171.86	278.30	-196.69	1,187.80	1,150.80	37.00	32.099		
5,000.00	4,736.93	4,832.96	4,818.33	30.48	18.05	-171.88	284.75	-200.95	1,216.32	1,178.54	37.78	32.192		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,830.54	4,928.80	4,913.87	31.16	18.41	-171.90	291.21	-205.22	1,244.84	1,206.28	38.56	32.281		
5,200.00	4,924.15	5,024.65	5,009.40	31.84	18.78	-171.92	297.67	-209.48	1,273.37	1,234.02	39.34	32.366		
5,300.00	5,017.75	5,120.49	5,104.93	32.52	19.14	-171.94	304.13	-213.74	1,301.89	1,261.77	40.12	32.449		
5,400.00	5,111.36	5,216.34	5,200.46	33.20	19.51	-171.95	310.59	-218.01	1,330.41	1,289.51	40.90	32.527		
5,500.00	5,204.97	5,312.19	5,295.99	33.88	19.87	-171.97	317.05	-222.27	1,358.93	1,317.25	41.68	32.603		
5,600.00	5,298.57	5,408.03	5,391.53	34.56	20.24	-171.99	323.51	-226.54	1,387.45	1,344.99	42.46	32.676		
5,700.00	5,392.18	5,503.88	5,487.06	35.25	20.60	-172.00	329.97	-230.80	1,415.98	1,372.74	43.24	32.747		
5,800.00	5,485.79	5,600.28	5,582.59	35.93	20.97	-172.02	336.43	-235.06	1,444.50	1,400.48	44.02	32.813		
5,900.00	5,579.40	5,704.43	5,678.12	36.61	21.36	-172.03	342.89	-239.33	1,473.02	1,428.19	44.83	32.856		
6,000.00	5,673.00	5,808.59	5,773.66	37.29	21.76	-172.05	349.35	-243.59	1,501.54	1,455.90	45.64	32.897		
6,100.00	5,766.61	5,887.26	5,869.19	37.97	22.06	-172.06	355.81	-247.85	1,530.07	1,483.70	46.36	33.003		
6,200.00	5,860.22	5,983.10	5,964.72	38.65	22.43	-172.07	362.26	-252.12	1,558.59	1,511.45	47.14	33.062		
6,300.00	5,953.82	6,078.95	6,060.25	39.33	22.79	-172.08	368.72	-256.38	1,587.11	1,539.19	47.92	33.119		
6,400.00	6,047.43	6,174.79	6,155.79	40.02	23.15	-172.10	375.18	-260.65	1,615.63	1,566.93	48.70	33.174		
6,500.00	6,141.04	6,270.64	6,251.32	40.70	23.52	-172.11	381.64	-264.91	1,644.16	1,594.67	49.48	33.227		
6,600.00	6,234.64	6,366.49	6,346.85	41.38	23.88	-172.12	388.10	-269.17	1,672.68	1,622.42	50.26	33.278		
6,700.00	6,328.25	6,462.33	6,442.38	42.06	24.25	-172.13	394.56	-273.44	1,701.20	1,650.16	51.04	33.328		
6,800.00	6,421.86	6,558.18	6,537.92	42.74	24.61	-172.14	401.02	-277.70	1,729.72	1,677.90	51.83	33.376		
6,900.00	6,515.47	6,654.02	6,633.45	43.42	24.98	-172.15	407.48	-281.97	1,758.25	1,705.64	52.61	33.423		
7,000.00	6,609.07	6,749.87	6,728.98	44.10	25.34	-172.16	413.94	-286.23	1,786.77	1,733.38	53.39	33.468		
7,100.00	6,702.68	6,845.71	6,824.51	44.79	25.71	-172.17	420.40	-290.49	1,815.29	1,761.12	54.17	33.514		
7,200.00	6,796.29	6,941.56	6,920.05	45.47	26.07	-172.18	426.86	-294.76	1,843.82	1,788.87	54.95	33.554		
7,300.00	6,889.89	7,037.40	7,015.58	46.15	26.44	-172.19	433.32	-299.02	1,872.34	1,816.61	55.73	33.595		
7,400.00	6,983.50	7,133.25	7,111.11	46.83	26.80	-172.20	439.78	-303.28	1,900.86	1,844.35	56.51	33.635		
7,500.00	7,077.11	7,229.09	7,206.64	47.51	27.17	-172.21	446.23	-307.55	1,929.39	1,872.09	57.30	33.674		
7,600.00	7,170.71	7,322.57	7,299.50	48.19	27.54	-172.10	452.51	-311.53	1,957.95	1,899.86	58.09	33.708		
7,700.00	7,264.32	7,411.89	7,386.01	48.88	27.92	-171.59	458.34	-336.57	1,986.76	1,927.84	58.93	33.716		
7,800.00	7,357.90	7,494.27	7,462.03	49.56	28.31	-164.30	463.46	-367.71	2,016.17	1,956.39	59.78	33.725		
7,900.00	7,450.12	7,572.21	7,529.16	50.26	28.71	-138.67	467.96	-406.94	2,045.76	1,985.10	60.66	33.727		
8,000.00	7,538.18	7,648.13	7,588.86	50.97	29.14	-121.13	471.96	-453.58	2,074.39	2,012.83	61.56	33.696		
8,100.00	7,619.40	7,722.66	7,640.98	51.66	29.61	-109.43	475.44	-506.67	2,101.07	2,038.54	62.53	33.601		
8,200.00	7,691.32	7,796.27	7,685.29	52.34	30.15	-101.40	478.38	-565.31	2,124.86	2,061.29	63.58	33.422		
8,300.00	7,751.74	7,869.30	7,721.48	53.00	30.76	-95.79	480.77	-628.64	2,145.00	2,080.25	64.76	33.124		
8,400.00	7,798.84	7,941.99	7,749.24	53.64	31.46	-91.95	482.59	-695.75	2,160.84	2,094.74	66.10	32.691		
8,500.00	7,831.18	8,014.53	7,768.27	54.26	32.24	-89.52	483.81	-765.68	2,171.87	2,104.24	67.64	32.112		
8,600.00	7,847.78	8,087.01	7,778.33	54.86	33.10	-88.32	484.43	-837.42	2,177.76	2,108.40	69.36	31.398		
8,700.00	7,850.00	8,170.41	7,780.00	55.46	34.19	-88.16	484.47	-920.77	2,178.99	2,107.48	71.51	30.469		
8,800.00	7,850.00	8,270.41	7,780.00	56.13	35.62	-88.16	484.37	-1,020.77	2,179.56	2,105.24	74.32	29.327		
8,900.00	7,850.00	8,370.40	7,780.00	56.90	37.19	-88.16	484.28	-1,120.76	2,180.12	2,102.73	77.39	28.170		
9,000.00	7,850.00	8,470.40	7,780.00	57.76	38.89	-88.16	484.19	-1,220.76	2,180.68	2,099.97	80.71	27.020		
9,100.00	7,850.00	8,570.40	7,780.00	58.72	40.70	-88.16	484.10	-1,320.76	2,181.24	2,097.01	84.23	25.895		
9,200.00	7,850.00	8,670.40	7,780.00	59.79	42.60	-88.16	484.01	-1,420.76	2,181.80	2,093.85	87.95	24.807		
9,300.00	7,850.00	8,770.40	7,780.00	60.96	44.58	-88.16	483.92	-1,520.76	2,182.37	2,090.53	91.83	23.765		
9,400.00	7,850.00	8,870.40	7,780.00	62.23	46.64	-88.16	483.83	-1,620.76	2,182.93	2,087.07	95.86	22.772		
9,500.00	7,850.00	8,970.40	7,780.00	63.60	48.76	-88.16	483.74	-1,720.76	2,183.49	2,083.47	100.01	21.832		
9,600.00	7,850.00	9,070.39	7,780.00	65.07	50.93	-88.16	483.65	-1,820.75	2,184.05	2,079.77	104.28	20.944		
9,700.00	7,850.00	9,170.39	7,780.00	66.63	53.15	-88.16	483.56	-1,920.75	2,184.61	2,075.96	108.65	20.107		
9,800.00	7,850.00	9,270.39	7,780.00	68.28	55.41	-88.16	483.46	-2,020.75	2,185.17	2,072.07	113.10	19.320		
9,900.00	7,850.00	9,370.39	7,780.00	70.00	57.71	-88.16	483.37	-2,120.75	2,185.74	2,068.10	117.63	18.581		
10,000.00	7,850.00	9,470.39	7,780.00	71.80	60.05	-88.16	483.28	-2,220.75	2,186.30	2,064.06	122.23	17.886		
10,100.00	7,850.00	9,570.39	7,780.00	73.67	62.41	-88.16	483.19	-2,320.75	2,186.86	2,059.96	126.90	17.233		
10,200.00	7,850.00	9,670.38	7,780.00	75.60	64.80	-88.16	483.10	-2,420.74	2,187.42	2,055.81	131.61	16.620		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,850.00	9,770.38	7,780.00	77.59	67.21	-88.16	483.01	-2,520.74	2,187.98	2,051.60	136.38	16.043		
10,400.00	7,850.00	9,870.38	7,780.00	79.62	69.65	-88.16	482.92	-2,620.74	2,188.55	2,047.35	141.19	15.500		
10,500.00	7,850.00	9,970.38	7,780.00	81.71	72.10	-88.16	482.83	-2,720.74	2,189.11	2,043.06	146.04	14.989		
10,600.00	7,850.00	10,070.38	7,780.00	83.83	74.56	-88.17	482.74	-2,820.74	2,189.67	2,038.74	150.93	14.508		
10,700.00	7,850.00	10,170.38	7,780.00	86.00	77.05	-88.17	482.65	-2,920.74	2,190.23	2,034.38	155.85	14.053		
10,800.00	7,850.00	10,270.37	7,780.00	88.20	79.55	-88.17	482.55	-3,020.73	2,190.79	2,029.99	160.80	13.624		
10,900.00	7,850.00	10,370.37	7,780.00	90.43	82.06	-88.17	482.46	-3,120.73	2,191.35	2,025.57	165.78	13.218		
11,000.00	7,850.00	10,470.37	7,780.00	92.69	84.58	-88.17	482.37	-3,220.73	2,191.92	2,021.13	170.78	12.835		
11,100.00	7,850.00	10,570.37	7,780.00	94.98	87.11	-88.17	482.28	-3,320.73	2,192.48	2,016.67	175.81	12.471		
11,200.00	7,850.00	10,670.37	7,780.00	97.29	89.65	-88.17	482.19	-3,420.73	2,193.04	2,012.19	180.85	12.126		
11,300.00	7,850.00	10,770.37	7,780.00	99.62	92.20	-88.17	482.10	-3,520.73	2,193.60	2,007.69	185.92	11.799		
11,400.00	7,850.00	10,870.37	7,780.00	101.98	94.76	-88.17	482.01	-3,620.72	2,194.16	2,003.17	191.00	11.488		
11,500.00	7,850.00	10,970.36	7,780.00	104.35	97.32	-88.17	481.92	-3,720.72	2,194.73	1,998.63	196.10	11.192		
11,600.00	7,850.00	11,070.36	7,780.00	106.74	99.89	-88.17	481.83	-3,820.72	2,195.29	1,994.08	201.21	10.910		
11,700.00	7,850.00	11,170.36	7,780.00	109.15	102.47	-88.17	481.73	-3,920.72	2,195.85	1,989.51	206.34	10.642		
11,800.00	7,850.00	11,270.36	7,780.00	111.57	105.06	-88.17	481.64	-4,020.72	2,196.41	1,984.93	211.48	10.386		
11,900.00	7,850.00	11,370.36	7,780.00	114.01	107.64	-88.17	481.55	-4,120.72	2,196.97	1,980.34	216.63	10.142		
12,000.00	7,850.00	11,470.36	7,780.00	116.46	110.24	-88.17	481.46	-4,220.71	2,197.53	1,975.74	221.79	9.908		
12,100.00	7,850.00	11,570.35	7,780.00	118.92	112.84	-88.17	481.37	-4,320.71	2,198.10	1,971.13	226.96	9.685		
12,200.00	7,850.00	11,670.35	7,780.00	121.39	115.44	-88.17	481.28	-4,420.71	2,198.66	1,966.51	232.15	9.471		
12,300.00	7,850.00	11,770.35	7,780.00	123.88	118.05	-88.17	481.19	-4,520.71	2,199.22	1,961.88	237.34	9.266		
12,400.00	7,850.00	11,870.35	7,780.00	126.37	120.66	-88.17	481.10	-4,620.71	2,199.78	1,957.24	242.54	9.070		
12,500.00	7,850.00	11,970.35	7,780.00	128.87	123.27	-88.17	481.01	-4,720.71	2,200.34	1,952.60	247.75	8.881		
12,600.00	7,850.00	12,070.35	7,780.00	131.38	125.89	-88.17	480.92	-4,820.70	2,200.91	1,947.94	252.96	8.700		
12,700.00	7,850.00	12,170.34	7,780.00	133.90	128.51	-88.18	480.82	-4,920.70	2,201.47	1,943.28	258.19	8.527		
12,800.00	7,850.00	12,270.34	7,780.00	136.42	131.14	-88.18	480.73	-5,020.70	2,202.03	1,938.61	263.42	8.360		
12,900.00	7,850.00	12,370.34	7,780.00	138.96	133.77	-88.18	480.64	-5,120.70	2,202.59	1,933.94	268.65	8.199		
13,000.00	7,850.00	12,470.34	7,780.00	141.49	136.39	-88.18	480.55	-5,220.70	2,203.15	1,929.26	273.89	8.044		
13,100.00	7,850.00	12,570.34	7,780.00	144.04	139.03	-88.18	480.46	-5,320.70	2,203.71	1,924.58	279.14	7.895		
13,200.00	7,850.00	12,670.34	7,780.00	146.59	141.66	-88.18	480.37	-5,420.70	2,204.28	1,919.89	284.39	7.751		
13,300.00	7,850.00	12,770.34	7,780.00	149.15	144.30	-88.18	480.28	-5,520.69	2,204.84	1,915.19	289.65	7.612		
13,400.00	7,850.00	12,870.33	7,780.00	151.71	146.94	-88.18	480.19	-5,620.69	2,205.40	1,910.49	294.91	7.478		
13,500.00	7,850.00	12,970.33	7,780.00	154.27	149.58	-88.18	480.10	-5,720.69	2,205.96	1,905.79	300.17	7.349		
13,600.00	7,850.00	13,070.33	7,780.00	156.84	152.22	-88.18	480.01	-5,820.69	2,206.52	1,901.08	305.45	7.224		
13,700.00	7,850.00	13,170.33	7,780.00	159.42	154.86	-88.18	479.91	-5,920.69	2,207.09	1,896.37	310.72	7.103		
13,800.00	7,850.00	13,270.33	7,780.00	162.00	157.51	-88.18	479.82	-6,020.69	2,207.65	1,891.65	316.00	6.986		
13,900.00	7,850.00	13,370.33	7,780.00	164.58	160.16	-88.18	479.73	-6,120.68	2,208.21	1,886.93	321.28	6.873		
14,000.00	7,850.00	13,470.32	7,780.00	167.17	162.81	-88.18	479.64	-6,220.68	2,208.77	1,882.21	326.56	6.764		
14,100.00	7,850.00	13,570.32	7,780.00	169.76	165.46	-88.18	479.55	-6,320.68	2,209.33	1,877.48	331.85	6.658		
14,200.00	7,850.00	13,670.32	7,780.00	172.35	168.11	-88.18	479.46	-6,420.68	2,209.89	1,872.75	337.14	6.555		
14,300.00	7,850.00	13,770.32	7,780.00	174.95	170.76	-88.18	479.37	-6,520.68	2,210.46	1,868.02	342.44	6.455		
14,400.00	7,850.00	13,870.32	7,780.00	177.55	173.42	-88.18	479.28	-6,620.68	2,211.02	1,863.28	347.73	6.358		
14,500.00	7,850.00	13,970.32	7,780.00	180.15	176.07	-88.18	479.19	-6,720.67	2,211.58	1,858.55	353.03	6.265		
14,600.00	7,850.00	14,070.31	7,780.00	182.76	178.73	-88.18	479.09	-6,820.67	2,212.14	1,853.81	358.34	6.173		
14,700.00	7,850.00	14,170.31	7,780.00	185.37	181.39	-88.18	479.00	-6,920.67	2,212.70	1,849.06	363.64	6.085		
14,800.00	7,850.00	14,270.31	7,780.00	187.98	184.05	-88.18	478.91	-7,020.67	2,213.27	1,844.32	368.95	5.999		
14,900.00	7,850.00	14,370.31	7,780.00	190.59	186.71	-88.19	478.82	-7,120.67	2,213.83	1,839.57	374.26	5.915		
15,000.00	7,850.00	14,470.31	7,780.00	193.21	189.37	-88.19	478.73	-7,220.67	2,214.39	1,834.82	379.57	5.834		
15,100.00	7,850.00	14,570.31	7,780.00	195.83	192.03	-88.19	478.64	-7,320.66	2,214.95	1,830.07	384.88	5.755		
15,200.00	7,850.00	14,670.31	7,780.00	198.45	194.69	-88.19	478.55	-7,420.66	2,215.51	1,825.32	390.20	5.678		
15,300.00	7,850.00	14,770.30	7,780.00	201.07	197.35	-88.19	478.46	-7,520.66	2,216.07	1,820.56	395.51	5.603		
15,400.00	7,850.00	14,870.30	7,780.00	203.70	200.02	-88.19	478.37	-7,620.66	2,216.64	1,815.80	400.83	5.530		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,850.00	14,970.30	7,780.00	206.32	202.68	-88.19	478.28	-7,720.66	2,217.20	1,811.04	406.15	5.459		
15,600.00	7,850.00	15,070.30	7,780.00	208.95	205.35	-88.19	478.18	-7,820.66	2,217.76	1,806.28	411.48	5.390		
15,700.00	7,850.00	15,170.30	7,780.00	211.58	208.02	-88.19	478.09	-7,920.65	2,218.32	1,801.52	416.80	5.322		
15,800.00	7,850.00	15,270.30	7,780.00	214.21	210.68	-88.19	478.00	-8,020.65	2,218.88	1,796.76	422.13	5.256		
15,900.00	7,850.00	15,370.29	7,780.00	216.85	213.35	-88.19	477.91	-8,120.65	2,219.45	1,791.99	427.45	5.192		
16,000.00	7,850.00	15,470.29	7,780.00	219.48	216.02	-88.19	477.82	-8,220.65	2,220.01	1,787.22	432.78	5.130		
16,100.00	7,850.00	15,570.29	7,780.00	222.12	218.69	-88.19	477.73	-8,320.65	2,220.57	1,782.46	438.11	5.068		
16,200.00	7,850.00	15,670.29	7,780.00	224.76	221.36	-88.19	477.64	-8,420.65	2,221.13	1,777.69	443.45	5.009		
16,300.00	7,850.00	15,770.29	7,780.00	227.39	224.03	-88.19	477.55	-8,520.65	2,221.69	1,772.91	448.78	4.951		
16,400.00	7,850.00	15,870.29	7,780.00	230.03	226.70	-88.19	477.46	-8,620.64	2,222.25	1,768.14	454.11	4.894		
16,500.00	7,850.00	15,970.28	7,780.00	232.68	229.37	-88.19	477.37	-8,720.64	2,222.82	1,763.37	459.45	4.838		
16,600.00	7,850.00	16,070.28	7,780.00	235.32	232.04	-88.19	477.27	-8,820.64	2,223.38	1,758.59	464.78	4.784		
16,700.00	7,850.00	16,170.28	7,780.00	237.96	234.72	-88.19	477.18	-8,920.64	2,223.94	1,753.82	470.12	4.731		
16,800.00	7,850.00	16,270.28	7,780.00	240.61	237.39	-88.19	477.09	-9,020.64	2,224.50	1,749.04	475.46	4.679		
16,900.00	7,850.00	16,370.28	7,780.00	243.26	240.06	-88.19	477.00	-9,120.64	2,225.06	1,744.26	480.80	4.628		
17,000.00	7,850.00	16,470.28	7,780.00	245.90	242.74	-88.20	476.91	-9,220.63	2,225.63	1,739.48	486.14	4.578		
17,100.00	7,850.00	16,570.28	7,780.00	248.55	245.41	-88.20	476.82	-9,320.63	2,226.19	1,734.70	491.48	4.530		
17,200.00	7,850.00	16,670.27	7,780.00	251.20	248.08	-88.20	476.73	-9,420.63	2,226.75	1,729.92	496.83	4.482		
17,300.00	7,850.00	16,770.27	7,780.00	253.85	250.76	-88.20	476.64	-9,520.63	2,227.31	1,725.14	502.17	4.435		
17,400.00	7,850.00	16,870.27	7,780.00	256.50	253.43	-88.20	476.55	-9,620.63	2,227.87	1,720.36	507.51	4.390		
17,500.00	7,850.00	16,970.27	7,780.00	259.16	256.11	-88.20	476.45	-9,720.63	2,228.43	1,715.58	512.86	4.345		
17,600.00	7,850.00	17,070.27	7,780.00	261.81	258.79	-88.20	476.36	-9,820.62	2,229.00	1,710.79	518.21	4.301		
17,700.00	7,850.00	17,170.27	7,780.00	264.47	261.46	-88.20	476.27	-9,920.62	2,229.56	1,706.01	523.55	4.259		
17,800.00	7,850.00	17,270.26	7,780.00	267.12	264.14	-88.20	476.18	-10,020.62	2,230.12	1,701.22	528.90	4.217		
17,900.00	7,850.00	17,370.26	7,780.00	269.78	266.82	-88.20	476.09	-10,120.62	2,230.68	1,696.43	534.25	4.175		
18,000.00	7,850.00	17,470.26	7,780.00	272.43	269.50	-88.20	476.00	-10,220.62	2,231.24	1,691.65	539.60	4.135		
18,100.00	7,850.00	17,570.26	7,780.00	275.09	272.17	-88.20	475.91	-10,320.62	2,231.81	1,686.86	544.95	4.095		
18,200.00	7,850.00	17,670.26	7,780.00	277.75	274.85	-88.20	475.82	-10,420.61	2,232.37	1,682.07	550.30	4.057		
18,300.00	7,850.00	17,770.26	7,780.00	280.41	277.53	-88.20	475.73	-10,520.61	2,232.93	1,677.28	555.65	4.019		
18,400.00	7,850.00	17,870.25	7,780.00	283.07	280.21	-88.20	475.64	-10,620.61	2,233.49	1,672.49	561.00	3.981		
18,500.00	7,850.00	17,970.25	7,780.00	285.73	282.89	-88.20	475.54	-10,720.61	2,234.05	1,667.70	566.36	3.945		
18,566.61	7,850.00	18,036.86	7,780.00	287.50	284.67	-88.20	475.48	-10,787.21	2,234.43	1,664.51	569.92	3.921 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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.20	0.20	0.00	0.00	180.00	-39.71	0.00	39.71						
100.00	100.00	100.20	100.20	0.13	0.13	180.00	-39.71	0.00	39.71	39.44	0.27	147.536	CC, ES		
200.00	200.00	199.56	199.54	0.49	0.49	-177.80	-40.46	-1.56	40.50	39.52	0.98	41.369			
300.00	299.98	300.96	298.90	0.85	0.85	-165.72	-42.54	-5.84	44.64	42.94	1.71	26.182			
400.00	399.84	401.33	398.40	1.22	1.22	-162.31	-44.81	-10.53	52.66	50.23	2.44	21.612			
500.00	499.45	502.00	497.59	1.59	1.59	-160.85	-47.08	-15.21	64.08	60.91	3.17	20.209			
600.00	598.70	603.09	596.36	1.97	1.96	-160.66	-49.34	-19.87	78.79	74.88	3.91	20.149			
700.00	697.47	704.73	694.59	2.38	2.34	-161.18	-51.58	-24.50	96.75	92.10	4.66	20.780			
800.00	795.62	807.03	792.16	2.82	2.71	-162.02	-53.81	-29.10	117.97	112.57	5.41	21.812			
900.00	893.06	889.89	888.95	3.29	3.02	-162.98	-56.02	-33.67	142.47	136.37	6.09	23.376			
1,000.00	989.64	985.91	984.83	3.79	3.38	-163.94	-58.22	-38.19	170.23	163.40	6.83	24.913			
1,100.00	1,085.27	1,080.91	1,079.70	4.34	3.73	-164.85	-60.39	-42.66	201.26	193.69	7.57	26.580			
1,200.00	1,179.82	1,174.78	1,173.44	4.93	4.07	-165.68	-62.53	-47.08	235.54	227.23	8.31	28.341			
1,300.00	1,273.48	1,267.72	1,266.25	5.56	4.42	-166.53	-64.65	-51.46	272.26	263.21	9.05	30.092			
1,400.00	1,367.08	1,360.60	1,359.01	6.19	4.76	-167.22	-66.77	-55.83	309.16	299.38	9.78	31.622			
1,500.00	1,460.69	1,453.48	1,451.77	6.84	5.11	-167.76	-68.89	-60.21	346.10	335.59	10.51	32.931			
1,600.00	1,554.30	1,546.37	1,544.52	7.50	5.45	-168.20	-71.01	-64.58	383.05	371.81	11.25	34.062			
1,700.00	1,647.90	1,639.25	1,637.28	8.15	5.79	-168.57	-73.13	-68.95	420.03	408.04	11.98	35.048			
1,800.00	1,741.51	1,732.14	1,730.04	8.82	6.14	-168.87	-75.25	-73.33	457.01	444.29	12.72	35.916			
1,900.00	1,835.12	1,825.02	1,822.79	9.48	6.48	-169.13	-77.37	-77.70	494.01	480.54	13.47	36.683			
2,000.00	1,928.73	1,917.90	1,915.55	10.15	6.82	-169.35	-79.49	-82.08	531.01	516.80	14.21	37.368			
2,100.00	2,022.33	2,010.79	2,008.31	10.82	7.17	-169.54	-81.61	-86.45	568.02	553.06	14.96	37.981			
2,200.00	2,115.94	2,103.67	2,101.06	11.49	7.51	-169.71	-83.73	-90.82	605.03	589.33	15.70	38.534			
2,300.00	2,209.55	2,203.45	2,193.82	12.16	7.88	-169.86	-85.85	-95.20	642.05	625.58	16.47	38.975			
2,400.00	2,303.15	2,289.44	2,286.57	12.83	8.20	-170.00	-87.97	-99.57	679.07	661.88	17.20	39.491			
2,500.00	2,396.76	2,382.32	2,379.33	13.51	8.54	-170.12	-90.09	-103.95	716.10	698.15	17.94	39.907			
2,600.00	2,490.37	2,475.21	2,472.09	14.18	8.89	-170.23	-92.21	-108.32	753.12	734.43	18.69	40.289			
2,700.00	2,583.97	2,568.09	2,564.84	14.86	9.23	-170.32	-94.33	-112.69	790.15	770.71	19.44	40.640			
2,800.00	2,677.58	2,660.97	2,657.60	15.53	9.58	-170.41	-96.45	-117.07	827.18	806.99	20.19	40.965			
2,900.00	2,771.19	2,753.86	2,750.36	16.21	9.92	-170.50	-98.57	-121.44	864.21	843.27	20.94	41.265			
3,000.00	2,864.79	2,846.74	2,843.11	16.89	10.26	-170.57	-100.69	-125.82	901.25	879.55	21.69	41.543			
3,100.00	2,958.40	2,939.62	2,935.87	17.57	10.61	-170.64	-102.81	-130.19	938.28	915.84	22.45	41.803			
3,200.00	3,052.01	3,032.51	3,028.63	18.24	10.95	-170.70	-104.93	-134.56	975.32	952.12	23.20	42.045			
3,300.00	3,145.62	3,125.39	3,121.38	18.92	11.29	-170.76	-107.05	-138.94	1,012.35	988.40	23.95	42.271			
3,400.00	3,239.22	3,218.28	3,214.14	19.60	11.64	-170.82	-109.18	-143.31	1,049.39	1,024.69	24.70	42.483			
3,500.00	3,332.83	3,311.16	3,306.90	20.28	11.98	-170.87	-111.30	-147.69	1,086.43	1,060.97	25.45	42.682			
3,600.00	3,426.44	3,404.04	3,399.65	20.96	12.33	-170.92	-113.42	-152.06	1,123.47	1,097.26	26.21	42.869			
3,700.00	3,520.04	3,503.07	3,492.41	21.64	12.69	-170.96	-115.54	-156.43	1,160.51	1,133.52	26.98	43.009			
3,800.00	3,613.65	3,589.81	3,585.17	22.32	13.01	-171.00	-117.66	-160.81	1,197.55	1,169.83	27.71	43.211			
3,900.00	3,707.26	3,682.69	3,677.92	23.00	13.36	-171.04	-119.78	-165.18	1,234.59	1,206.12	28.47	43.368			
4,000.00	3,800.86	3,775.58	3,770.68	23.68	13.70	-171.08	-121.90	-169.56	1,271.63	1,242.41	29.22	43.517			
4,100.00	3,894.47	3,868.46	3,863.43	24.36	14.05	-171.11	-124.02	-173.93	1,308.67	1,278.70	29.98	43.658			
4,200.00	3,988.08	3,961.34	3,956.19	25.04	14.39	-171.15	-126.14	-178.30	1,345.71	1,314.98	30.73	43.792			
4,300.00	4,081.68	4,054.23	4,048.95	25.72	14.73	-171.18	-128.26	-182.68	1,382.76	1,351.27	31.48	43.919			
4,400.00	4,175.29	4,147.11	4,141.70	26.40	15.08	-171.21	-130.38	-187.05	1,419.80	1,387.56	32.24	44.040			
4,500.00	4,268.90	4,240.00	4,234.46	27.08	15.42	-171.24	-132.50	-191.43	1,456.84	1,423.85	32.99	44.155			
4,600.00	4,362.51	4,332.88	4,327.22	27.76	15.77	-171.26	-134.62	-195.80	1,493.88	1,460.13	33.75	44.264			
4,700.00	4,456.11	4,425.76	4,419.97	28.44	16.11	-171.29	-136.74	-200.17	1,530.93	1,496.42	34.50	44.369			
4,800.00	4,549.72	4,518.65	4,512.73	29.12	16.45	-171.31	-138.86	-204.55	1,567.97	1,532.71	35.26	44.469			
4,900.00	4,643.33	4,611.53	4,605.49	29.80	16.80	-171.34	-140.98	-208.92	1,605.02	1,569.00	36.02	44.565			
5,000.00	4,736.93	4,704.41	4,698.24	30.48	17.14	-171.36	-143.10	-213.30	1,642.06	1,605.29	36.77	44.656			
5,100.00	4,830.54	4,802.70	4,791.00	31.16	17.50	-171.38	-145.22	-217.67	1,679.10	1,641.56	37.55	44.720			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	4,909.82	4,883.76	31.84	17.90	-171.40	-147.34	-222.04	1,716.15	1,677.79	38.36	44.743		
5,300.00	5,017.75	4,983.07	4,976.51	32.52	18.17	-171.42	-149.46	-226.42	1,753.19	1,714.15	39.04	44.908		
5,400.00	5,111.36	5,075.95	5,069.27	33.20	18.52	-171.44	-151.58	-230.79	1,790.24	1,750.44	39.80	44.985		
5,500.00	5,204.97	5,168.83	5,162.02	33.88	18.86	-171.46	-153.70	-235.16	1,827.28	1,786.73	40.55	45.059		
5,600.00	5,298.57	5,261.72	5,254.78	34.56	19.20	-171.47	-155.82	-239.54	1,864.33	1,823.02	41.31	45.131		
5,700.00	5,392.18	5,354.60	5,347.54	35.25	19.55	-171.49	-157.94	-243.91	1,901.37	1,859.31	42.07	45.199		
5,800.00	5,485.79	5,447.48	5,440.29	35.93	19.89	-171.51	-160.06	-248.29	1,938.42	1,895.60	42.82	45.265		
5,900.00	5,579.40	5,540.37	5,533.05	36.61	20.24	-171.52	-162.18	-252.66	1,975.47	1,931.88	43.58	45.329		
6,000.00	5,673.00	5,633.25	5,625.81	37.29	20.58	-171.54	-164.30	-257.03	2,012.51	1,968.17	44.34	45.390		
6,100.00	5,766.61	5,726.14	5,718.56	37.97	20.92	-171.55	-166.42	-261.41	2,049.56	2,004.46	45.10	45.449		
6,200.00	5,860.22	5,819.02	5,811.32	38.65	21.27	-171.56	-168.54	-265.78	2,086.60	2,040.75	45.85	45.506		
6,300.00	5,953.82	5,911.90	5,904.08	39.33	21.61	-171.58	-170.66	-270.16	2,123.65	2,077.04	46.61	45.561		
6,400.00	6,047.43	6,004.79	5,996.83	40.02	21.96	-171.59	-172.78	-274.53	2,160.69	2,113.33	47.37	45.613		
6,500.00	6,141.04	6,102.33	6,089.59	40.70	22.32	-171.60	-174.90	-278.90	2,197.74	2,149.60	48.15	45.648		
6,600.00	6,234.64	6,209.45	6,182.35	41.38	22.71	-171.61	-177.02	-283.28	2,234.79	2,185.83	48.96	45.649		
6,700.00	6,328.25	6,283.44	6,275.10	42.06	22.99	-171.62	-179.14	-287.65	2,271.83	2,222.19	49.64	45.762		
6,800.00	6,421.86	6,376.32	6,367.86	42.74	23.33	-171.64	-181.26	-292.03	2,308.88	2,258.48	50.40	45.808		
6,900.00	6,515.47	6,469.21	6,460.62	43.42	23.67	-171.65	-183.38	-296.40	2,345.93	2,294.76	51.16	45.852		
7,000.00	6,609.07	6,562.09	6,553.37	44.10	24.02	-171.66	-185.50	-300.77	2,382.97	2,331.05	51.92	45.896		
7,100.00	6,702.68	6,654.97	6,646.13	44.79	24.36	-171.67	-187.63	-305.15	2,420.02	2,367.34	52.68	45.937		
7,200.00	6,796.29	6,747.86	6,738.88	45.47	24.71	-171.68	-189.75	-309.52	2,457.07	2,403.63	53.44	45.978		
7,300.00	6,889.89	6,840.74	6,831.64	46.15	25.05	-171.69	-191.87	-313.90	2,494.11	2,439.91	54.20	46.017		
7,400.00	6,983.50	6,933.62	6,924.40	46.83	25.39	-171.70	-193.99	-318.27	2,531.16	2,476.20	54.96	46.055		
7,500.00	7,077.11	7,026.51	7,017.15	47.51	25.74	-171.70	-196.11	-322.64	2,568.21	2,512.49	55.72	46.092		
7,600.00	7,170.71	7,119.39	7,109.91	48.19	26.08	-171.71	-198.23	-327.02	2,605.25	2,548.78	56.48	46.127		
7,700.00	7,264.32	7,212.28	7,202.67	48.88	26.43	-171.72	-200.35	-331.39	2,642.30	2,585.06	57.24	46.162		
7,800.00	7,357.92	7,305.16	7,295.42	49.56	26.77	-165.06	-202.47	-335.77	2,679.34	2,621.34	58.00	46.195		
7,900.00	7,450.12	7,393.81	7,383.43	50.26	27.12	-139.53	-204.48	-340.14	2,715.83	2,657.06	58.77	46.212		
8,000.00	7,538.18	7,483.51	7,469.90	50.97	27.51	-122.08	-206.48	-344.51	2,750.77	2,691.15	59.52	46.135		
8,100.00	7,619.40	7,575.55	7,563.69	51.66	27.96	-110.50	-208.42	-348.88	2,783.12	2,722.54	60.59	45.936		
8,200.00	7,691.32	7,670.61	7,632.75	52.34	28.48	-102.60	-210.27	-353.25	2,811.93	2,750.23	61.70	45.575		
8,300.00	7,751.74	7,769.26	7,704.43	53.00	29.11	-97.13	-211.97	-357.62	2,836.34	2,773.31	63.03	45.003		
8,400.00	7,798.84	7,871.80	7,765.53	53.64	29.90	-93.42	-213.43	-361.99	2,855.60	2,790.94	64.65	44.168		
8,500.00	7,831.18	7,978.18	7,812.40	54.26	30.90	-91.14	-214.59	-366.36	2,869.10	2,802.45	66.65	43.047		
8,600.00	7,847.78	8,087.93	7,841.47	54.86	32.12	-90.07	-215.34	-370.73	2,876.41	2,807.37	69.04	41.665		
8,700.00	7,850.00	8,201.34	7,850.00	55.46	33.57	-90.00	-215.63	-375.10	2,877.97	2,806.20	71.76	40.103		
8,800.00	7,850.00	8,301.34	7,850.00	56.13	35.00	-90.00	-215.72	-379.47	2,878.52	2,803.98	74.54	38.616		
8,900.00	7,850.00	8,401.34	7,850.00	56.90	36.58	-90.00	-215.81	-383.84	2,879.08	2,801.49	77.59	37.104		
9,000.00	7,850.00	8,501.34	7,850.00	57.76	38.28	-90.00	-215.90	-388.21	2,879.64	2,798.75	80.89	35.599		
9,100.00	7,850.00	8,601.34	7,850.00	58.72	40.09	-90.00	-215.98	-392.58	2,880.20	2,795.80	84.40	34.124		
9,200.00	7,850.00	8,701.35	7,850.00	59.79	42.00	-90.00	-216.07	-396.95	2,880.76	2,792.65	88.11	32.697		
9,300.00	7,850.00	8,801.35	7,850.00	60.96	43.99	-90.00	-216.16	-401.32	2,881.32	2,789.34	91.97	31.327		
9,400.00	7,850.00	8,901.35	7,850.00	62.23	46.05	-90.00	-216.25	-405.69	2,881.88	2,785.89	95.99	30.023		
9,500.00	7,850.00	9,001.35	7,850.00	63.60	48.17	-90.00	-216.33	-410.06	2,882.43	2,782.30	100.13	28.786		
9,600.00	7,850.00	9,101.35	7,850.00	65.07	50.35	-90.00	-216.42	-414.43	2,882.99	2,778.60	104.39	27.617		
9,700.00	7,850.00	9,201.35	7,850.00	66.63	52.58	-90.00	-216.51	-418.80	2,883.55	2,774.80	108.75	26.516		
9,800.00	7,850.00	9,301.35	7,850.00	68.28	54.85	-90.00	-216.60	-423.17	2,884.11	2,770.92	113.19	25.479		
9,900.00	7,850.00	9,401.36	7,850.00	70.00	57.15	-90.00	-216.68	-427.54	2,884.67	2,766.95	117.72	24.505		
10,000.00	7,850.00	9,501.36	7,850.00	71.80	59.49	-90.00	-216.77	-431.91	2,885.23	2,762.92	122.31	23.589		
10,100.00	7,850.00	9,601.36	7,850.00	73.67	61.86	-90.00	-216.86	-436.28	2,885.79	2,758.82	126.97	22.728		
10,200.00	7,850.00	9,701.36	7,850.00	75.60	64.25	-90.00	-216.95	-440.65	2,886.34	2,754.66	131.68	21.919		
10,300.00	7,850.00	9,801.36	7,850.00	77.59	66.67	-90.00	-217.03	-445.02	2,886.90	2,750.46	136.44	21.158		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	9,901.36	7,850.00	79.62	69.11	-90.00	-217.12	-2,620.20	2,887.46	2,746.21	141.25	20.442		
10,500.00	7,850.00	10,001.37	7,850.00	81.71	71.56	-90.00	-217.21	-2,720.20	2,888.02	2,741.92	146.10	19.768		
10,600.00	7,850.00	10,101.37	7,850.00	83.83	74.03	-90.00	-217.30	-2,820.20	2,888.58	2,737.60	150.98	19.132		
10,700.00	7,850.00	10,201.37	7,850.00	86.00	76.52	-90.00	-217.38	-2,920.20	2,889.14	2,733.24	155.90	18.532		
10,800.00	7,850.00	10,301.37	7,850.00	88.20	79.02	-90.00	-217.47	-3,020.20	2,889.70	2,728.85	160.85	17.966		
10,900.00	7,850.00	10,401.37	7,850.00	90.43	81.53	-90.00	-217.56	-3,120.19	2,890.26	2,724.43	165.82	17.430		
11,000.00	7,850.00	10,501.37	7,850.00	92.69	84.06	-90.00	-217.65	-3,220.19	2,890.81	2,719.99	170.82	16.923		
11,100.00	7,850.00	10,601.37	7,850.00	94.98	86.59	-90.00	-217.73	-3,320.19	2,891.37	2,715.53	175.84	16.443		
11,200.00	7,850.00	10,701.38	7,850.00	97.29	89.13	-90.00	-217.82	-3,420.19	2,891.93	2,711.04	180.89	15.987		
11,300.00	7,850.00	10,801.38	7,850.00	99.62	91.69	-90.00	-217.91	-3,520.19	2,892.49	2,706.54	185.95	15.555		
11,400.00	7,850.00	10,901.38	7,850.00	101.98	94.25	-90.00	-218.00	-3,620.19	2,893.05	2,702.02	191.03	15.144		
11,500.00	7,850.00	11,001.38	7,850.00	104.35	96.81	-90.00	-218.09	-3,720.19	2,893.61	2,697.48	196.13	14.754		
11,600.00	7,850.00	11,101.38	7,850.00	106.74	99.39	-90.00	-218.17	-3,820.18	2,894.17	2,692.92	201.24	14.382		
11,700.00	7,850.00	11,201.38	7,850.00	109.15	101.97	-90.00	-218.26	-3,920.18	2,894.72	2,688.36	206.37	14.027		
11,800.00	7,850.00	11,301.39	7,850.00	111.57	104.55	-90.00	-218.35	-4,020.18	2,895.28	2,683.78	211.51	13.689		
11,900.00	7,850.00	11,401.39	7,850.00	114.01	107.15	-90.00	-218.44	-4,120.18	2,895.84	2,679.18	216.66	13.366		
12,000.00	7,850.00	11,501.39	7,850.00	116.46	109.74	-90.00	-218.52	-4,220.18	2,896.40	2,674.58	221.82	13.057		
12,100.00	7,850.00	11,601.39	7,850.00	118.92	112.34	-90.00	-218.61	-4,320.18	2,896.96	2,669.96	227.00	12.762		
12,200.00	7,850.00	11,701.39	7,850.00	121.39	114.95	-90.00	-218.70	-4,420.17	2,897.52	2,665.34	232.18	12.480		
12,300.00	7,850.00	11,801.39	7,850.00	123.88	117.56	-90.00	-218.79	-4,520.17	2,898.08	2,660.71	237.37	12.209		
12,400.00	7,850.00	11,901.40	7,850.00	126.37	120.17	-90.00	-218.87	-4,620.17	2,898.64	2,656.06	242.57	11.950		
12,500.00	7,850.00	12,001.40	7,850.00	128.87	122.79	-90.00	-218.96	-4,720.17	2,899.19	2,651.41	247.78	11.701		
12,600.00	7,850.00	12,101.40	7,850.00	131.38	125.41	-90.00	-219.05	-4,820.17	2,899.75	2,646.76	253.00	11.462		
12,700.00	7,850.00	12,201.40	7,850.00	133.90	128.03	-90.00	-219.14	-4,920.17	2,900.31	2,642.09	258.22	11.232		
12,800.00	7,850.00	12,301.40	7,850.00	136.42	130.65	-90.00	-219.22	-5,020.16	2,900.87	2,637.42	263.45	11.011		
12,900.00	7,850.00	12,401.40	7,850.00	138.96	133.28	-90.00	-219.31	-5,120.16	2,901.43	2,632.74	268.69	10.799		
13,000.00	7,850.00	12,501.40	7,850.00	141.49	135.91	-90.00	-219.40	-5,220.16	2,901.99	2,628.06	273.93	10.594		
13,100.00	7,850.00	12,601.41	7,850.00	144.04	138.55	-90.00	-219.49	-5,320.16	2,902.55	2,623.37	279.18	10.397		
13,200.00	7,850.00	12,701.41	7,850.00	146.59	141.18	-90.00	-219.57	-5,420.16	2,903.10	2,618.68	284.43	10.207		
13,300.00	7,850.00	12,801.41	7,850.00	149.15	143.82	-90.00	-219.66	-5,520.16	2,903.66	2,613.98	289.69	10.023		
13,400.00	7,850.00	12,901.41	7,850.00	151.71	146.46	-90.00	-219.75	-5,620.15	2,904.22	2,609.27	294.95	9.846		
13,500.00	7,850.00	13,001.41	7,850.00	154.27	149.10	-90.00	-219.84	-5,720.15	2,904.78	2,604.56	300.22	9.676		
13,600.00	7,850.00	13,101.41	7,850.00	156.84	151.75	-90.00	-219.92	-5,820.15	2,905.34	2,599.85	305.49	9.510		
13,700.00	7,850.00	13,201.42	7,850.00	159.42	154.39	-90.00	-220.01	-5,920.15	2,905.90	2,595.13	310.76	9.351		
13,800.00	7,850.00	13,301.42	7,850.00	162.00	157.04	-90.00	-220.10	-6,020.15	2,906.46	2,590.41	316.04	9.196		
13,900.00	7,850.00	13,401.42	7,850.00	164.58	159.69	-90.00	-220.19	-6,120.15	2,907.02	2,585.69	321.33	9.047		
14,000.00	7,850.00	13,501.42	7,850.00	167.17	162.34	-90.00	-220.27	-6,220.15	2,907.57	2,580.96	326.61	8.902		
14,100.00	7,850.00	13,601.42	7,850.00	169.76	164.99	-90.00	-220.36	-6,320.14	2,908.13	2,576.23	331.90	8.762		
14,200.00	7,850.00	13,701.42	7,850.00	172.35	167.64	-90.00	-220.45	-6,420.14	2,908.69	2,571.50	337.19	8.626		
14,300.00	7,850.00	13,801.42	7,850.00	174.95	170.29	-90.00	-220.54	-6,520.14	2,909.25	2,566.76	342.49	8.494		
14,400.00	7,850.00	13,901.43	7,850.00	177.55	172.95	-90.00	-220.63	-6,620.14	2,909.81	2,562.02	347.79	8.367		
14,500.00	7,850.00	14,001.43	7,850.00	180.15	175.61	-90.00	-220.71	-6,720.14	2,910.37	2,557.28	353.09	8.243		
14,600.00	7,850.00	14,101.43	7,850.00	182.76	178.26	-90.00	-220.80	-6,820.14	2,910.93	2,552.53	358.39	8.122		
14,700.00	7,850.00	14,201.43	7,850.00	185.37	180.92	-90.00	-220.89	-6,920.13	2,911.48	2,547.78	363.70	8.005		
14,800.00	7,850.00	14,301.43	7,850.00	187.98	183.58	-90.00	-220.98	-7,020.13	2,912.04	2,543.03	369.01	7.892		
14,900.00	7,850.00	14,401.43	7,850.00	190.59	186.24	-90.00	-221.06	-7,120.13	2,912.60	2,538.28	374.32	7.781		
15,000.00	7,850.00	14,501.44	7,850.00	193.21	188.90	-90.00	-221.15	-7,220.13	2,913.16	2,533.53	379.63	7.674		
15,100.00	7,850.00	14,601.44	7,850.00	195.83	191.57	-90.00	-221.24	-7,320.13	2,913.72	2,528.77	384.95	7.569		
15,200.00	7,850.00	14,701.44	7,850.00	198.45	194.23	-90.00	-221.33	-7,420.13	2,914.28	2,524.01	390.27	7.467		
15,300.00	7,850.00	14,801.44	7,850.00	201.07	196.90	-90.00	-221.41	-7,520.12	2,914.84	2,519.25	395.58	7.368		
15,400.00	7,850.00	14,901.44	7,850.00	203.70	199.56	-90.00	-221.50	-7,620.12	2,915.40	2,514.49	400.91	7.272		
15,500.00	7,850.00	15,001.44	7,850.00	206.32	202.23	-90.00	-221.59	-7,720.12	2,915.95	2,509.72	406.23	7.178		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,850.00	15,101.45	7,850.00	208.95	204.89	-90.00	-221.68	-7,820.12	2,916.51	2,504.96	411.55	7.087		
15,700.00	7,850.00	15,201.45	7,850.00	211.58	207.56	-90.00	-221.76	-7,920.12	2,917.07	2,500.19	416.88	6.997		
15,800.00	7,850.00	15,301.45	7,850.00	214.21	210.23	-90.00	-221.85	-8,020.12	2,917.63	2,495.42	422.21	6.910		
15,900.00	7,850.00	15,401.45	7,850.00	216.85	212.90	-90.00	-221.94	-8,120.12	2,918.19	2,490.65	427.54	6.826		
16,000.00	7,850.00	15,501.45	7,850.00	219.48	215.56	-90.00	-222.03	-8,220.11	2,918.75	2,485.88	432.87	6.743		
16,100.00	7,850.00	15,601.45	7,850.00	222.12	218.23	-90.00	-222.11	-8,320.11	2,919.31	2,481.11	438.20	6.662		
16,200.00	7,850.00	15,701.45	7,850.00	224.76	220.91	-90.00	-222.20	-8,420.11	2,919.86	2,476.33	443.53	6.583		
16,300.00	7,850.00	15,801.46	7,850.00	227.39	223.58	-90.00	-222.29	-8,520.11	2,920.42	2,471.55	448.87	6.506		
16,400.00	7,850.00	15,901.46	7,850.00	230.03	226.25	-90.00	-222.38	-8,620.11	2,920.98	2,466.78	454.20	6.431		
16,500.00	7,850.00	16,001.46	7,850.00	232.68	228.92	-90.00	-222.46	-8,720.11	2,921.54	2,462.00	459.54	6.358		
16,600.00	7,850.00	16,101.46	7,850.00	235.32	231.59	-90.00	-222.55	-8,820.10	2,922.10	2,457.22	464.88	6.286		
16,700.00	7,850.00	16,201.46	7,850.00	237.96	234.26	-90.00	-222.64	-8,920.10	2,922.66	2,452.44	470.22	6.216		
16,800.00	7,850.00	16,301.46	7,850.00	240.61	236.94	-90.00	-222.73	-9,020.10	2,923.22	2,447.66	475.56	6.147		
16,900.00	7,850.00	16,401.47	7,850.00	243.26	239.61	-90.00	-222.81	-9,120.10	2,923.77	2,442.87	480.90	6.080		
17,000.00	7,850.00	16,501.47	7,850.00	245.90	242.29	-90.00	-222.90	-9,220.10	2,924.33	2,438.09	486.25	6.014		
17,100.00	7,850.00	16,601.47	7,850.00	248.55	244.96	-90.00	-222.99	-9,320.10	2,924.89	2,433.30	491.59	5.950		
17,200.00	7,850.00	16,701.47	7,850.00	251.20	247.64	-90.00	-223.08	-9,420.09	2,925.45	2,428.52	496.93	5.887		
17,300.00	7,850.00	16,801.47	7,850.00	253.85	250.31	-90.00	-223.17	-9,520.09	2,926.01	2,423.73	502.28	5.825		
17,400.00	7,850.00	16,901.47	7,850.00	256.50	252.99	-90.00	-223.25	-9,620.09	2,926.57	2,418.94	507.63	5.765		
17,500.00	7,850.00	17,001.47	7,850.00	259.16	255.66	-90.00	-223.34	-9,720.09	2,927.13	2,414.15	512.97	5.706		
17,600.00	7,850.00	17,101.48	7,850.00	261.81	258.34	-90.00	-223.43	-9,820.09	2,927.69	2,409.36	518.32	5.648		
17,700.00	7,850.00	17,201.48	7,850.00	264.47	261.02	-90.00	-223.52	-9,920.09	2,928.24	2,404.57	523.67	5.592		
17,800.00	7,850.00	17,301.48	7,850.00	267.12	263.70	-90.00	-223.60	-10,020.08	2,928.80	2,399.78	529.02	5.536		
17,900.00	7,850.00	17,401.48	7,850.00	269.78	266.37	-90.00	-223.69	-10,120.08	2,929.36	2,394.99	534.37	5.482		
18,000.00	7,850.00	17,501.48	7,850.00	272.43	269.05	-90.00	-223.78	-10,220.08	2,929.92	2,390.20	539.72	5.429		
18,100.00	7,850.00	17,601.48	7,850.00	275.09	271.73	-90.00	-223.87	-10,320.08	2,930.48	2,385.40	545.08	5.376		
18,200.00	7,850.00	17,701.49	7,850.00	277.75	274.41	-90.00	-223.95	-10,420.08	2,931.04	2,380.61	550.43	5.325		
18,300.00	7,850.00	17,801.49	7,850.00	280.41	277.09	-90.00	-224.04	-10,520.08	2,931.60	2,375.81	555.78	5.275		
18,400.00	7,850.00	17,901.49	7,850.00	283.07	279.77	-90.00	-224.13	-10,620.08	2,932.15	2,371.02	561.14	5.225		
18,500.00	7,850.00	18,001.49	7,850.00	285.73	282.45	-90.00	-224.22	-10,720.07	2,932.71	2,366.22	566.49	5.177		
18,566.61	7,850.00	18,065.12	7,850.00	287.50	284.15	-90.00	-224.27	-10,786.68	2,933.09	2,363.11	569.98	5.146 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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.80	-0.80	0.00	0.00	180.00	-59.74	0.00	59.74					
100.00	100.00	99.20	99.20	0.13	0.13	180.00	-59.74	0.00	59.74	59.47	0.27	223.095		
200.00	200.00	201.19	201.17	0.49	0.50	-179.53	-58.02	-0.48	58.05	57.06	1.00	58.117		
300.00	299.98	303.05	302.88	0.85	0.88	-171.21	-52.81	-1.93	54.69	52.97	1.73	31.667		
400.00	399.84	404.77	404.19	1.22	1.25	-169.13	-44.14	-4.34	51.44	48.99	2.45	20.968		
500.00	499.45	506.34	504.98	1.59	1.65	-166.16	-32.02	-7.71	48.37	45.18	3.19	15.186		
600.00	598.70	607.76	605.11	1.97	2.08	-162.17	-16.50	-12.03	45.58	41.65	3.93	11.593		
700.00	697.47	709.03	704.46	2.38	2.53	-157.03	2.39	-17.29	43.23	38.52	4.71	9.181		
800.00	795.62	810.15	802.90	2.82	3.02	-150.73	24.62	-23.47	41.51	35.97	5.54	7.489		
900.00	893.06	911.09	900.30	3.29	3.56	-143.39	50.14	-30.57	40.62	34.15	6.47	6.277		
936.87	928.77	948.27	935.92	3.48	3.77	-140.48	60.37	-33.42	40.55	33.70	6.85	5.921 CC		
1,000.00	989.64	1,011.87	996.55	3.79	4.13	-135.34	78.90	-38.58	40.78	33.25	7.52	5.420 ES		
1,100.00	1,085.27	1,112.48	1,091.53	4.34	4.74	-127.10	110.84	-47.46	42.11	33.39	8.72	4.829		
1,200.00	1,179.82	1,212.91	1,185.13	4.93	5.40	-119.20	145.91	-57.22	44.69	34.64	10.05	4.446		
1,300.00	1,273.48	1,313.12	1,277.19	5.56	6.11	-111.17	184.04	-67.83	48.14	36.65	11.49	4.189		
1,400.00	1,367.08	1,412.76	1,368.03	6.19	6.84	-102.66	223.47	-78.80	52.27	39.29	12.98	4.028		
1,500.00	1,460.69	1,512.39	1,458.87	6.84	7.58	-95.53	262.90	-89.77	57.38	42.98	14.40	3.984 SF		
1,600.00	1,554.30	1,612.03	1,549.71	7.50	8.33	-89.63	302.33	-100.74	63.22	47.46	15.76	4.012		
1,700.00	1,647.90	1,711.67	1,640.56	8.15	9.08	-84.76	341.76	-111.72	69.62	52.56	17.07	4.079		
1,800.00	1,741.51	1,811.30	1,731.40	8.82	9.84	-80.74	381.19	-122.69	76.44	58.11	18.33	4.170		
1,900.00	1,835.12	1,910.94	1,822.24	9.48	10.60	-77.39	420.62	-133.66	83.57	64.00	19.57	4.271		
2,000.00	1,928.73	2,010.57	1,913.08	10.15	11.36	-74.57	460.06	-144.63	90.94	70.15	20.78	4.375		
2,100.00	2,022.33	2,110.21	2,003.92	10.82	12.12	-72.18	499.49	-155.60	98.49	76.51	21.98	4.480		
2,200.00	2,115.94	2,209.85	2,094.76	11.49	12.89	-70.13	538.92	-166.57	106.19	83.02	23.17	4.583		
2,300.00	2,209.55	2,309.48	2,185.60	12.16	13.65	-68.36	578.35	-177.55	114.01	89.66	24.35	4.681		
2,400.00	2,303.15	2,409.12	2,276.45	12.83	14.42	-66.82	617.78	-188.52	121.92	96.39	25.53	4.775		
2,500.00	2,396.76	2,508.76	2,367.29	13.51	15.19	-65.47	657.21	-199.49	129.91	103.21	26.70	4.865		
2,600.00	2,490.37	2,608.39	2,458.13	14.18	15.96	-64.27	696.64	-210.46	137.97	110.09	27.87	4.950		
2,700.00	2,583.97	2,708.03	2,548.97	14.86	16.73	-63.21	736.07	-221.43	146.07	117.03	29.04	5.030		
2,800.00	2,677.58	2,807.66	2,639.81	15.53	17.50	-62.26	775.51	-232.40	154.22	124.01	30.21	5.105		
2,900.00	2,771.19	2,907.30	2,730.65	16.21	18.27	-61.40	814.94	-243.38	162.41	131.04	31.37	5.177		
3,000.00	2,864.79	3,006.94	2,821.50	16.89	19.04	-60.63	854.37	-254.35	170.63	138.09	32.54	5.244		
3,100.00	2,958.40	3,106.57	2,912.34	17.57	19.81	-59.93	893.80	-265.32	178.88	145.18	33.70	5.308		
3,200.00	3,052.01	3,206.21	3,003.18	18.24	20.59	-59.29	933.23	-276.29	187.16	152.29	34.87	5.368		
3,300.00	3,145.62	3,305.85	3,094.02	18.92	21.36	-58.70	972.66	-287.26	195.45	159.42	36.03	5.425		
3,400.00	3,239.22	3,405.48	3,184.86	19.60	22.13	-58.16	1,012.09	-298.23	203.77	166.57	37.19	5.478		
3,500.00	3,332.83	3,505.12	3,275.70	20.28	22.90	-57.67	1,051.52	-309.20	212.10	173.74	38.36	5.529		
3,600.00	3,426.44	3,604.76	3,366.55	20.96	23.68	-57.21	1,090.95	-320.18	220.44	180.92	39.52	5.578		
3,700.00	3,520.04	3,704.39	3,457.39	21.64	24.45	-56.78	1,130.39	-331.15	228.80	188.11	40.69	5.624		
3,800.00	3,613.65	3,804.03	3,548.23	22.32	25.23	-56.39	1,169.82	-342.12	237.17	195.32	41.85	5.667		
3,900.00	3,707.26	3,903.66	3,639.07	23.00	26.00	-56.02	1,209.25	-353.09	245.55	202.54	43.01	5.709		
4,000.00	3,800.86	4,003.30	3,729.91	23.68	26.77	-55.67	1,248.68	-364.06	253.94	209.76	44.18	5.748		
4,100.00	3,894.47	4,102.94	3,820.75	24.36	27.55	-55.35	1,288.11	-375.03	262.34	217.00	45.34	5.786		
4,200.00	3,988.08	4,202.57	3,911.59	25.04	28.32	-55.05	1,327.54	-386.01	270.74	224.24	46.51	5.822		
4,300.00	4,081.68	4,302.21	4,002.44	25.72	29.10	-54.77	1,366.97	-396.98	279.16	231.49	47.67	5.856		
4,400.00	4,175.29	4,401.85	4,093.28	26.40	29.87	-54.50	1,406.40	-407.95	287.57	238.74	48.83	5.889		
4,500.00	4,268.90	4,501.48	4,184.12	27.08	30.65	-54.25	1,445.84	-418.92	296.00	246.00	50.00	5.920		
4,600.00	4,362.51	4,601.12	4,274.96	27.76	31.42	-54.01	1,485.27	-429.89	304.43	253.27	51.16	5.950		
4,700.00	4,456.11	4,700.75	4,365.80	28.44	32.20	-53.79	1,524.70	-440.86	312.87	260.54	52.33	5.979		
4,800.00	4,549.72	4,800.39	4,456.64	29.12	32.97	-53.57	1,564.13	-451.84	321.31	267.81	53.49	6.006		
4,900.00	4,643.33	4,900.03	4,547.49	29.80	33.75	-53.37	1,603.56	-462.81	329.75	275.09	54.66	6.033		
5,000.00	4,736.93	5,000.34	4,638.33	30.48	34.53	-53.18	1,642.99	-473.78	338.20	282.37	55.83	6.058		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,830.54	5,100.70	4,729.17	31.16	35.31	-52.99	1,682.42	-484.75	346.65	289.65	57.00	6.082		
5,200.00	4,924.15	5,201.06	4,820.01	31.84	36.09	-52.82	1,721.85	-495.72	355.10	296.93	58.17	6.105		
5,300.00	5,017.75	5,301.43	4,910.85	32.52	36.87	-52.65	1,761.29	-506.69	363.56	304.22	59.34	6.127		
5,400.00	5,111.36	5,401.79	5,001.69	33.20	37.65	-52.50	1,800.72	-517.66	372.02	311.51	60.51	6.148		
5,500.00	5,204.97	5,497.84	5,092.54	33.88	38.40	-52.34	1,840.15	-528.64	380.49	318.83	61.65	6.171		
5,600.00	5,298.57	5,602.52	5,183.38	34.56	39.21	-52.20	1,879.58	-539.61	388.95	326.10	62.85	6.189		
5,700.00	5,392.18	5,697.12	5,274.22	35.25	39.95	-52.06	1,919.01	-550.58	397.42	333.44	63.98	6.211		
5,800.00	5,485.79	5,803.25	5,365.06	35.93	40.78	-51.93	1,958.44	-561.55	405.89	340.70	65.19	6.226		
5,900.00	5,579.40	5,896.39	5,455.90	36.61	41.50	-51.80	1,997.87	-572.52	414.36	348.05	66.32	6.248		
6,000.00	5,673.00	6,003.97	5,546.74	37.29	42.34	-51.68	2,037.30	-583.49	422.84	355.31	67.53	6.261		
6,100.00	5,766.61	6,104.34	5,637.58	37.97	43.12	-51.56	2,076.73	-594.47	431.32	362.61	68.70	6.278		
6,200.00	5,860.22	6,195.30	5,728.43	38.65	43.83	-51.45	2,116.17	-605.44	439.79	369.98	69.82	6.299		
6,300.00	5,953.82	6,294.93	5,819.27	39.33	44.61	-51.34	2,155.60	-616.41	448.27	377.29	70.98	6.315		
6,400.00	6,047.43	6,405.43	5,910.11	40.02	45.47	-51.23	2,195.03	-627.38	456.75	384.54	72.22	6.325		
6,500.00	6,141.04	6,494.21	6,000.95	40.70	46.16	-51.13	2,234.46	-638.35	465.24	391.92	73.32	6.346		
6,600.00	6,234.64	6,606.16	6,091.79	41.38	47.03	-51.04	2,273.89	-649.32	473.72	399.16	74.56	6.354		
6,700.00	6,328.25	6,706.52	6,182.63	42.06	47.81	-50.94	2,313.32	-660.30	482.21	406.48	75.73	6.367		
6,800.00	6,421.86	6,806.88	6,273.48	42.74	48.59	-50.85	2,352.75	-671.27	490.69	413.79	76.90	6.381		
6,900.00	6,515.47	6,907.25	6,364.32	43.42	49.37	-50.76	2,392.18	-682.24	499.18	421.11	78.07	6.394		
7,000.00	6,609.07	7,007.61	6,455.16	44.10	50.16	-50.68	2,431.62	-693.21	507.67	428.43	79.25	6.406		
7,100.00	6,702.68	7,107.98	6,546.00	44.79	50.94	-50.60	2,471.05	-704.18	516.16	435.75	80.42	6.419		
7,200.00	6,796.29	7,208.34	6,636.84	45.47	51.72	-50.52	2,510.48	-715.15	524.65	443.06	81.59	6.430		
7,300.00	6,889.89	7,308.70	6,727.68	46.15	52.50	-50.44	2,549.91	-726.12	533.15	450.39	82.76	6.442		
7,400.00	6,983.50	7,399.93	6,818.53	46.83	53.14	-50.37	2,589.34	-737.10	541.64	457.82	83.82	6.462		
7,500.00	7,077.11	7,509.43	6,909.37	47.51	54.06	-50.29	2,628.77	-748.07	550.13	465.03	85.10	6.464		
7,600.00	7,170.71	7,609.79	7,000.21	48.19	54.85	-50.23	2,668.20	-759.04	558.63	472.35	86.28	6.475		
7,700.00	7,264.32	7,689.84	7,091.05	48.88	55.47	-50.16	2,707.63	-770.01	567.12	479.80	87.32	6.495		
7,800.00	7,357.90	7,789.50	7,181.91	49.56	56.25	-44.36	2,747.07	-780.98	575.26	486.79	88.47	6.502		
7,900.00	7,450.12	8,200.74	7,542.15	50.26	58.56	-7.87	2,903.82	-693.21	549.04	472.50	76.54	7.173		
8,000.00	7,538.18	8,000.00	7,638.48	50.97	58.33	27.55	2,945.92	-604.44	484.06	418.24	65.82	7.355		
8,100.00	7,619.40	8,395.83	7,672.51	51.66	58.99	52.81	2,960.22	-561.11	420.77	355.08	65.69	6.406		
8,200.00	7,691.32	8,390.18	7,669.34	52.34	58.98	62.78	2,959.44	-565.58	371.91	303.44	68.47	5.431		
8,300.00	7,751.74	8,367.46	7,656.23	53.00	58.95	65.21	2,953.69	-583.22	345.26	273.30	71.96	4.798		
8,353.16	7,778.54	8,351.57	7,646.68	53.33	58.93	64.28	2,949.51	-595.21	341.58	267.68	73.91	4.622		
8,400.00	7,798.84	8,336.10	7,637.10	53.64	58.90	62.45	2,945.31	-606.60	344.33	268.65	75.68	4.550		
8,500.00	7,831.18	8,300.00	7,613.66	54.26	58.83	56.04	2,935.05	-632.06	366.48	286.58	79.89	4.587		
8,600.00	7,847.78	8,260.45	7,586.34	54.86	58.73	47.39	2,923.11	-658.04	404.69	320.15	84.54	4.787		
8,700.00	7,850.00	8,220.12	7,556.86	55.46	58.62	40.43	2,910.24	-682.35	452.45	363.09	89.36	5.063		
8,800.00	7,850.00	8,185.60	7,530.43	56.13	58.51	36.68	2,898.70	-701.31	510.47	416.79	93.68	5.449		
8,900.00	7,850.00	8,150.00	7,502.13	56.90	58.38	32.95	2,886.36	-719.02	577.25	480.71	96.54	5.979		
9,000.00	7,850.00	8,132.39	7,487.77	57.76	58.31	31.18	2,880.10	-727.06	650.50	550.53	99.97	6.507		
9,100.00	7,850.00	8,111.62	7,470.55	58.72	58.23	29.14	2,872.59	-735.92	728.81	626.70	102.11	7.138		
9,200.00	7,850.00	8,100.00	7,460.79	59.79	58.18	28.04	2,868.34	-740.58	810.98	706.81	104.17	7.785		
9,300.00	7,850.00	8,078.23	7,442.28	60.96	58.08	26.03	2,860.27	-748.72	895.97	790.93	105.04	8.530		
9,400.00	7,850.00	8,064.65	7,430.60	62.23	58.01	24.83	2,855.18	-753.40	983.31	877.27	106.05	9.272		
9,500.00	7,850.00	8,050.00	7,417.88	63.60	57.95	23.56	2,849.65	-758.12	1,072.48	965.76	106.72	10.050		
9,600.00	7,850.00	8,050.00	7,417.88	65.07	57.95	23.56	2,849.65	-758.12	1,163.17	1,055.33	107.84	10.786		
9,700.00	7,850.00	8,032.58	7,402.63	66.63	57.85	22.11	2,843.00	-763.27	1,254.90	1,146.89	108.01	11.619		
9,800.00	7,850.00	8,024.07	7,395.12	68.28	57.81	21.42	2,839.74	-765.59	1,347.69	1,239.26	108.43	12.429		
9,900.00	7,850.00	8,016.39	7,388.32	70.00	57.77	20.81	2,836.78	-767.59	1,441.29	1,332.51	108.78	13.249		
10,000.00	7,850.00	8,000.00	7,373.73	71.80	57.68	19.55	2,830.43	-771.52	1,535.69	1,426.93	108.76	14.121		
10,100.00	7,850.00	8,000.00	7,373.73	73.67	57.68	19.55	2,830.43	-771.52	1,630.47	1,521.24	109.23	14.927		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,850.00	8,000.00	7,373.73	75.60	57.68	19.55	2,830.43	-771.52	1,725.84	1,616.22	109.62	15.744		
10,300.00	7,850.00	8,000.00	7,373.73	77.59	57.68	19.55	2,830.43	-771.52	1,821.70	1,711.75	109.95	16.569		
10,400.00	7,850.00	8,000.00	7,373.73	79.62	57.68	19.55	2,830.43	-771.52	1,917.99	1,807.76	110.23	17.400		
10,500.00	7,850.00	8,000.00	7,373.73	81.71	57.68	19.55	2,830.43	-771.52	2,014.64	1,904.17	110.47	18.238		
10,600.00	7,850.00	7,978.38	7,354.33	83.83	57.56	17.95	2,821.99	-776.00	2,111.09	2,000.97	110.11	19.172		
10,700.00	7,850.00	7,974.49	7,350.83	86.00	57.53	17.68	2,820.47	-776.73	2,208.12	2,097.91	110.22	20.034		
10,800.00	7,850.00	7,970.87	7,347.57	88.20	57.51	17.42	2,819.05	-777.37	2,305.39	2,195.08	110.31	20.900		
10,900.00	7,850.00	7,950.00	7,328.67	90.43	57.39	15.99	2,810.83	-780.67	2,403.18	2,293.20	109.97	21.853		
11,000.00	7,850.00	7,950.00	7,328.67	92.69	57.39	15.99	2,810.83	-780.67	2,500.71	2,390.58	110.13	22.707		
11,100.00	7,850.00	7,950.00	7,328.67	94.98	57.39	15.99	2,810.83	-780.67	2,598.42	2,488.15	110.27	23.564		
11,200.00	7,850.00	7,950.00	7,328.67	97.29	57.39	15.99	2,810.83	-780.67	2,696.31	2,585.91	110.40	24.424		
11,300.00	7,850.00	7,950.00	7,328.67	99.62	57.39	15.99	2,810.83	-780.67	2,794.34	2,683.83	110.51	25.285		
11,400.00	7,850.00	7,950.00	7,328.67	101.98	57.39	15.99	2,810.83	-780.67	2,892.51	2,781.90	110.62	26.149		
11,500.00	7,850.00	7,950.00	7,328.67	104.35	57.39	15.99	2,810.83	-780.67	2,990.80	2,880.09	110.71	27.014		
11,600.00	7,850.00	7,950.00	7,328.67	106.74	57.39	15.99	2,810.83	-780.67	3,089.20	2,978.40	110.80	27.880		
11,700.00	7,850.00	7,950.00	7,328.67	109.15	57.39	15.99	2,810.83	-780.67	3,187.70	3,076.82	110.88	28.748		
11,800.00	7,850.00	7,950.00	7,328.67	111.57	57.39	15.99	2,810.83	-780.67	3,286.29	3,175.33	110.96	29.617		
11,900.00	7,850.00	7,950.00	7,328.67	114.01	57.39	15.99	2,810.83	-780.67	3,384.97	3,273.94	111.03	30.487		
12,000.00	7,850.00	7,950.00	7,328.67	116.46	57.39	15.99	2,810.83	-780.67	3,483.72	3,372.62	111.10	31.357		
12,100.00	7,850.00	7,950.00	7,328.67	118.92	57.39	15.99	2,810.83	-780.67	3,582.54	3,471.37	111.16	32.228		
12,200.00	7,850.00	7,950.00	7,328.67	121.39	57.39	15.99	2,810.83	-780.67	3,681.42	3,570.20	111.22	33.100		
12,300.00	7,850.00	7,950.00	7,328.67	123.88	57.39	15.99	2,810.83	-780.67	3,780.36	3,669.08	111.28	33.972		
12,400.00	7,850.00	7,950.00	7,328.67	126.37	57.39	15.99	2,810.83	-780.67	3,879.35	3,768.02	111.33	34.845		
12,500.00	7,850.00	7,950.00	7,328.67	128.87	57.39	15.99	2,810.83	-780.67	3,978.40	3,867.01	111.38	35.718		
12,600.00	7,850.00	7,950.00	7,328.67	131.38	57.39	15.99	2,810.83	-780.67	4,077.49	3,966.06	111.44	36.591		
12,700.00	7,850.00	7,950.00	7,328.67	133.90	57.39	15.99	2,810.83	-780.67	4,176.63	4,065.14	111.48	37.464		
12,800.00	7,850.00	7,950.00	7,328.67	136.42	57.39	15.99	2,810.83	-780.67	4,275.80	4,164.27	111.53	38.337		
12,900.00	7,850.00	7,928.39	7,308.99	138.96	57.25	14.59	2,802.27	-783.29	4,374.56	4,263.36	111.20	39.340		
13,000.00	7,850.00	7,927.24	7,307.95	141.49	57.24	14.52	2,801.82	-783.41	4,473.76	4,362.53	111.23	40.222		
13,100.00	7,850.00	7,926.14	7,306.94	144.04	57.23	14.45	2,801.38	-783.52	4,572.99	4,461.73	111.26	41.104		
13,200.00	7,850.00	7,925.08	7,305.97	146.59	57.23	14.38	2,800.96	-783.62	4,672.25	4,560.97	111.28	41.985		
13,300.00	7,850.00	7,924.06	7,305.04	149.15	57.22	14.32	2,800.56	-783.72	4,771.54	4,660.23	111.31	42.867		
13,400.00	7,850.00	7,923.08	7,304.15	151.71	57.21	14.26	2,800.17	-783.81	4,870.86	4,759.52	111.34	43.748		
13,500.00	7,850.00	7,922.13	7,303.28	154.27	57.21	14.20	2,799.79	-783.90	4,970.20	4,858.84	111.37	44.629		
13,600.00	7,850.00	7,900.00	7,283.04	156.84	57.06	12.87	2,790.99	-785.51	5,070.01	4,958.96	111.04	45.658		
13,700.00	7,850.00	7,900.00	7,283.04	159.42	57.06	12.87	2,790.99	-785.51	5,169.36	5,058.27	111.09	46.534		
13,800.00	7,850.00	7,900.00	7,283.04	162.00	57.06	12.87	2,790.99	-785.51	5,268.74	5,157.61	111.13	47.409		
13,900.00	7,850.00	7,900.00	7,283.04	164.58	57.06	12.87	2,790.99	-785.51	5,368.14	5,256.97	111.18	48.285		
14,000.00	7,850.00	7,900.00	7,283.04	167.17	57.06	12.87	2,790.99	-785.51	5,467.57	5,356.35	111.22	49.160		
14,100.00	7,850.00	7,900.00	7,283.04	169.76	57.06	12.87	2,790.99	-785.51	5,567.01	5,455.75	111.26	50.034		
14,200.00	7,850.00	7,900.00	7,283.04	172.35	57.06	12.87	2,790.99	-785.51	5,666.47	5,555.17	111.31	50.908		
14,300.00	7,850.00	7,900.00	7,283.04	174.95	57.06	12.87	2,790.99	-785.51	5,765.96	5,654.61	111.35	51.782		
14,400.00	7,850.00	7,900.00	7,283.04	177.55	57.06	12.87	2,790.99	-785.51	5,865.46	5,754.06	111.39	52.655		
14,500.00	7,850.00	7,900.00	7,283.04	180.15	57.06	12.87	2,790.99	-785.51	5,964.97	5,853.54	111.44	53.528		
14,600.00	7,850.00	7,900.00	7,283.04	182.76	57.06	12.87	2,790.99	-785.51	6,064.51	5,953.03	111.48	54.401		
14,700.00	7,850.00	7,900.00	7,283.04	185.37	57.06	12.87	2,790.99	-785.51	6,164.05	6,052.53	111.52	55.273		
14,800.00	7,850.00	7,900.00	7,283.04	187.98	57.06	12.87	2,790.99	-785.51	6,263.62	6,152.05	111.56	56.144		
14,900.00	7,850.00	7,900.00	7,283.04	190.59	57.06	12.87	2,790.99	-785.51	6,363.19	6,251.59	111.61	57.015		
15,000.00	7,850.00	7,900.00	7,283.04	193.21	57.06	12.87	2,790.99	-785.51	6,462.78	6,351.13	111.65	57.885		
15,100.00	7,850.00	7,900.00	7,283.04	195.83	57.06	12.87	2,790.99	-785.51	6,562.38	6,450.69	111.69	58.755		
15,200.00	7,850.00	7,900.00	7,283.04	198.45	57.06	12.87	2,790.99	-785.51	6,662.00	6,550.26	111.73	59.624		
15,300.00	7,850.00	7,900.00	7,283.04	201.07	57.06	12.87	2,790.99	-785.51	6,761.62	6,649.85	111.78	60.493		

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

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	7,850.00	7,900.00	7,283.04	203.70	57.06	12.87	2,790.99	-785.51	6,861.26	6,749.44	111.82	61.361		
15,500.00	7,850.00	7,900.00	7,283.04	206.32	57.06	12.87	2,790.99	-785.51	6,960.90	6,849.04	111.86	62.228		
15,600.00	7,850.00	7,900.00	7,283.04	208.95	57.06	12.87	2,790.99	-785.51	7,060.56	6,948.66	111.90	63.094		
15,700.00	7,850.00	7,900.00	7,283.04	211.58	57.06	12.87	2,790.99	-785.51	7,160.23	7,048.28	111.95	63.960		
15,800.00	7,850.00	7,900.00	7,283.04	214.21	57.06	12.87	2,790.99	-785.51	7,259.90	7,147.91	111.99	64.825		
15,900.00	7,850.00	7,900.00	7,283.04	216.85	57.06	12.87	2,790.99	-785.51	7,359.59	7,247.55	112.04	65.690		
16,000.00	7,850.00	7,900.00	7,283.04	219.48	57.06	12.87	2,790.99	-785.51	7,459.28	7,347.20	112.08	66.554		
16,100.00	7,850.00	7,900.00	7,283.04	222.12	57.06	12.87	2,790.99	-785.51	7,558.98	7,446.86	112.12	67.417		
16,200.00	7,850.00	7,900.00	7,283.04	224.76	57.06	12.87	2,790.99	-785.51	7,658.69	7,546.52	112.17	68.279		
16,300.00	7,850.00	7,900.00	7,283.04	227.39	57.06	12.87	2,790.99	-785.51	7,758.40	7,646.19	112.21	69.140		
16,400.00	7,850.00	7,900.00	7,283.04	230.03	57.06	12.87	2,790.99	-785.51	7,858.13	7,745.87	112.26	70.001		
16,500.00	7,850.00	7,900.00	7,283.04	232.68	57.06	12.87	2,790.99	-785.51	7,957.86	7,845.55	112.30	70.861		
16,600.00	7,850.00	7,900.00	7,283.04	235.32	57.06	12.87	2,790.99	-785.51	8,057.59	7,945.24	112.35	71.720		
16,700.00	7,850.00	7,900.00	7,283.04	237.96	57.06	12.87	2,790.99	-785.51	8,157.34	8,044.94	112.39	72.578		
16,800.00	7,850.00	7,900.00	7,283.04	240.61	57.06	12.87	2,790.99	-785.51	8,257.08	8,144.64	112.44	73.436		
16,900.00	7,850.00	7,900.00	7,283.04	243.26	57.06	12.87	2,790.99	-785.51	8,356.84	8,244.35	112.49	74.292		
17,000.00	7,850.00	7,900.00	7,283.04	245.90	57.06	12.87	2,790.99	-785.51	8,456.60	8,344.07	112.53	75.148		
17,100.00	7,850.00	7,900.00	7,283.04	248.55	57.06	12.87	2,790.99	-785.51	8,556.37	8,443.79	112.58	76.003		
17,200.00	7,850.00	7,900.00	7,283.04	251.20	57.06	12.87	2,790.99	-785.51	8,656.14	8,543.51	112.63	76.857		
17,300.00	7,850.00	7,900.00	7,283.04	253.85	57.06	12.87	2,790.99	-785.51	8,755.92	8,643.24	112.67	77.710		
17,400.00	7,850.00	7,900.00	7,283.04	256.50	57.06	12.87	2,790.99	-785.51	8,855.70	8,742.98	112.72	78.562		
17,500.00	7,850.00	7,900.00	7,283.04	259.16	57.06	12.87	2,790.99	-785.51	8,955.49	8,842.72	112.77	79.413		
17,600.00	7,850.00	7,900.00	7,283.04	261.81	57.06	12.87	2,790.99	-785.51	9,055.28	8,942.46	112.82	80.263		
17,700.00	7,850.00	7,900.00	7,283.04	264.47	57.06	12.87	2,790.99	-785.51	9,155.07	9,042.21	112.87	81.113		
17,800.00	7,850.00	7,900.00	7,283.04	267.12	57.06	12.87	2,790.99	-785.51	9,254.88	9,141.96	112.92	81.961		
17,900.00	7,850.00	7,900.00	7,283.04	269.78	57.06	12.87	2,790.99	-785.51	9,354.68	9,241.71	112.97	82.809		
18,000.00	7,850.00	7,900.00	7,283.04	272.43	57.06	12.87	2,790.99	-785.51	9,454.49	9,341.47	113.02	83.655		
18,100.00	7,850.00	7,900.00	7,283.04	275.09	57.06	12.87	2,790.99	-785.51	9,554.30	9,441.24	113.07	84.501		
18,200.00	7,850.00	7,900.00	7,283.04	277.75	57.06	12.87	2,790.99	-785.51	9,654.12	9,541.00	113.12	85.345		
18,300.00	7,850.00	7,900.00	7,283.04	280.41	57.06	12.87	2,790.99	-785.51	9,753.94	9,640.77	113.17	86.189		
18,400.00	7,850.00	7,900.00	7,283.04	283.07	57.06	12.87	2,790.99	-785.51	9,853.77	9,740.54	113.22	87.031		
18,500.00	7,850.00	7,900.00	7,283.04	285.73	57.06	12.87	2,790.99	-785.51	9,953.59	9,840.32	113.27	87.873		

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.70	-0.70	0.00	0.00	-179.80	-79.77	-0.28	79.78					
100.00	100.00	100.70	99.30	0.13	0.14	-179.80	-79.77	-0.28	79.78	79.50	0.27	293.980		
200.00	200.00	199.30	199.30	0.49	0.49	-179.80	-79.77	-0.28	79.78	78.79	0.98	81.131 CC		
300.00	299.98	301.98	301.96	0.85	0.86	-172.52	-78.06	-0.87	79.84	78.13	1.71	46.627		
400.00	399.84	404.67	404.49	1.22	1.24	-171.71	-72.87	-2.66	79.99	77.55	2.44	32.757		
500.00	499.45	507.33	506.74	1.59	1.61	-170.36	-64.20	-5.64	80.27	77.09	3.17	25.296		
600.00	598.70	609.96	608.57	1.97	2.01	-168.49	-52.09	-9.82	80.71	76.80	3.91	20.640		
700.00	697.47	712.55	709.82	2.38	2.44	-166.13	-36.54	-15.17	81.40	76.74	4.66	17.460 ES		
800.00	795.62	815.08	810.36	2.82	2.89	-163.30	-17.58	-21.70	82.41	76.97	5.44	15.162		
900.00	893.06	917.53	910.05	3.29	3.38	-160.06	4.74	-29.39	83.84	77.60	6.25	13.425		
1,000.00	989.64	1,019.91	1,008.76	3.79	3.91	-156.48	30.41	-38.23	85.80	78.69	7.10	12.077		
1,100.00	1,085.27	1,122.20	1,106.36	4.34	4.49	-152.64	59.36	-48.20	88.38	80.33	8.04	10.988		
1,200.00	1,179.82	1,224.13	1,202.47	4.93	5.10	-148.66	91.45	-59.26	91.69	82.61	9.07	10.104		
1,300.00	1,273.48	1,323.87	1,296.02	5.56	5.73	-145.35	124.12	-70.51	96.56	86.37	10.19	9.477		
1,400.00	1,367.08	1,423.60	1,389.58	6.19	6.37	-142.43	156.79	-81.76	101.85	90.50	11.35	8.970		
1,500.00	1,460.69	1,523.33	1,483.14	6.84	7.02	-139.80	189.45	-93.01	107.38	94.82	12.56	8.549		
1,600.00	1,554.30	1,623.06	1,576.69	7.50	7.67	-137.44	222.12	-104.26	113.11	99.31	13.80	8.197		
1,700.00	1,647.90	1,722.80	1,670.25	8.15	8.33	-135.30	254.79	-115.51	119.01	103.95	15.07	7.900		
1,800.00	1,741.51	1,822.53	1,763.81	8.82	8.99	-133.37	287.45	-126.77	125.07	108.71	16.35	7.649		
1,900.00	1,835.12	1,922.26	1,857.36	9.48	9.66	-131.62	320.12	-138.02	131.25	113.59	17.65	7.434		
2,000.00	1,928.73	2,021.99	1,950.92	10.15	10.33	-130.03	352.79	-149.27	137.54	118.57	18.97	7.250		
2,100.00	2,022.33	2,121.73	2,044.48	10.82	10.99	-128.58	385.45	-160.52	143.93	123.63	20.30	7.091		
2,200.00	2,115.94	2,221.46	2,138.03	11.49	11.66	-127.25	418.12	-171.77	150.40	128.77	21.63	6.953		
2,300.00	2,209.55	2,321.19	2,231.59	12.16	12.34	-126.03	450.79	-183.02	156.95	133.98	22.97	6.832		
2,400.00	2,303.15	2,420.92	2,325.14	12.83	13.01	-124.91	483.45	-194.27	163.56	139.25	24.32	6.726		
2,500.00	2,396.76	2,520.65	2,418.70	13.51	13.68	-123.88	516.12	-205.52	170.23	144.57	25.67	6.632		
2,600.00	2,490.37	2,620.39	2,512.26	14.18	14.36	-122.93	548.79	-216.78	176.95	149.93	27.02	6.549		
2,700.00	2,583.97	2,720.12	2,605.81	14.86	15.03	-122.04	581.45	-228.03	183.72	155.34	28.38	6.475		
2,800.00	2,677.58	2,819.85	2,699.37	15.53	15.71	-121.22	614.12	-239.28	190.53	160.79	29.73	6.408		
2,900.00	2,771.19	2,919.58	2,792.93	16.21	16.38	-120.46	646.79	-250.53	197.37	166.28	31.09	6.348		
3,000.00	2,864.79	3,019.31	2,886.48	16.89	17.06	-119.74	679.45	-261.78	204.24	171.79	32.45	6.294		
3,100.00	2,958.40	3,119.05	2,980.04	17.57	17.73	-119.08	712.12	-273.03	211.15	177.34	33.81	6.245		
3,200.00	3,052.01	3,218.78	3,073.60	18.24	18.41	-118.45	744.79	-284.28	218.08	182.91	35.17	6.200		
3,300.00	3,145.62	3,318.51	3,167.15	18.92	19.09	-117.86	777.45	-295.53	225.04	188.50	36.54	6.159		
3,400.00	3,239.22	3,418.24	3,260.71	19.60	19.77	-117.31	810.12	-306.79	232.01	194.11	37.90	6.122		
3,500.00	3,332.83	3,517.98	3,354.27	20.28	20.45	-116.80	842.79	-318.04	239.01	199.75	39.26	6.088		
3,600.00	3,426.44	3,617.71	3,447.82	20.96	21.12	-116.31	875.45	-329.29	246.03	205.40	40.63	6.056		
3,700.00	3,520.04	3,717.44	3,541.38	21.64	21.80	-115.84	908.12	-340.54	253.06	211.07	41.99	6.027		
3,800.00	3,613.65	3,817.17	3,634.93	22.32	22.48	-115.41	940.79	-351.79	260.11	216.76	43.35	6.000		
3,900.00	3,707.26	3,916.90	3,728.49	23.00	23.16	-114.99	973.45	-363.04	267.17	222.46	44.72	5.975		
4,000.00	3,800.86	4,016.64	3,822.05	23.68	23.84	-114.60	1,006.12	-374.29	274.25	228.17	46.08	5.952		
4,100.00	3,894.47	4,116.37	3,915.60	24.36	24.52	-114.23	1,038.78	-385.55	281.34	233.89	47.44	5.930		
4,200.00	3,988.08	4,216.10	4,009.16	25.04	25.20	-113.87	1,071.45	-396.80	288.44	239.63	48.81	5.910		
4,300.00	4,081.68	4,315.83	4,102.72	25.72	25.87	-113.54	1,104.12	-408.05	295.55	245.38	50.17	5.891		
4,400.00	4,175.29	4,415.57	4,196.27	26.40	26.55	-113.21	1,136.78	-419.30	302.67	251.13	51.53	5.873		
4,500.00	4,268.90	4,515.30	4,289.83	27.08	27.23	-112.91	1,169.45	-430.55	309.79	256.90	52.90	5.857		
4,600.00	4,362.51	4,615.03	4,383.39	27.76	27.91	-112.61	1,202.12	-441.80	316.93	262.67	54.26	5.841		
4,700.00	4,456.11	4,714.76	4,476.94	28.44	28.59	-112.33	1,234.78	-453.05	324.08	268.45	55.62	5.826		
4,800.00	4,549.72	4,814.49	4,570.50	29.12	29.27	-112.07	1,267.45	-464.30	331.23	274.24	56.98	5.813		
4,900.00	4,643.33	4,914.23	4,664.06	29.80	29.95	-111.81	1,300.12	-475.56	338.39	280.04	58.35	5.800		
5,000.00	4,736.93	5,013.96	4,757.61	30.48	30.63	-111.56	1,332.78	-486.81	345.55	285.84	59.71	5.787		
5,100.00	4,830.54	5,113.69	4,851.17	31.16	31.31	-111.33	1,365.45	-498.06	352.73	291.65	61.07	5.776		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 1BH - OWB - PROPOSAL 1	Offset Site Error:	0.00 usft
Survey Program:													0-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,200.00	4,924.15	5,213.42	4,944.73	31.84	31.99	-111.10	1,398.12	-509.31	359.90	297.47	62.43	5.765			
5,300.00	5,017.75	5,313.15	5,038.28	32.52	32.67	-110.88	1,430.78	-520.56	367.09	303.29	63.80	5.754			
5,400.00	5,111.36	5,412.89	5,131.84	33.20	33.35	-110.67	1,463.45	-531.81	374.27	309.12	65.16	5.744			
5,500.00	5,204.97	5,512.62	5,225.39	33.88	34.03	-110.47	1,496.12	-543.06	381.47	314.95	66.52	5.735			
5,600.00	5,298.57	5,612.35	5,318.95	34.56	34.71	-110.28	1,528.78	-554.32	388.66	320.78	67.88	5.726			
5,700.00	5,392.18	5,712.08	5,412.51	35.25	35.39	-110.09	1,561.45	-565.57	395.87	326.62	69.24	5.717			
5,800.00	5,485.79	5,811.82	5,506.06	35.93	36.07	-109.91	1,594.12	-576.82	403.07	332.47	70.61	5.709			
5,900.00	5,579.40	5,911.55	5,599.62	36.61	36.75	-109.74	1,626.78	-588.07	410.28	338.32	71.97	5.701			
6,000.00	5,673.00	6,011.28	5,693.18	37.29	37.43	-109.57	1,659.45	-599.32	417.49	344.17	73.33	5.694			
6,100.00	5,766.61	6,111.01	5,786.73	37.97	38.11	-109.41	1,692.12	-610.57	424.71	350.02	74.69	5.686			
6,200.00	5,860.22	6,210.74	5,880.29	38.65	38.80	-109.25	1,724.78	-621.82	431.93	355.88	76.05	5.680			
6,300.00	5,953.82	6,310.48	5,973.85	39.33	39.48	-109.10	1,757.45	-633.07	439.15	361.74	77.41	5.673			
6,400.00	6,047.43	6,410.21	6,067.40	40.02	40.16	-108.95	1,790.12	-644.33	446.38	367.61	78.77	5.667			
6,500.00	6,141.04	6,509.94	6,160.96	40.70	40.84	-108.81	1,822.78	-655.58	453.61	373.48	80.13	5.661			
6,600.00	6,234.64	6,609.67	6,254.52	41.38	41.52	-108.67	1,855.45	-666.83	460.84	379.35	81.49	5.655			
6,700.00	6,328.25	6,709.41	6,348.07	42.06	42.20	-108.54	1,888.12	-678.08	468.07	385.22	82.85	5.649			
6,800.00	6,421.86	6,809.14	6,441.63	42.74	42.88	-108.41	1,920.78	-689.33	475.31	391.10	84.21	5.644			
6,900.00	6,515.47	6,908.87	6,535.18	43.42	43.56	-108.28	1,953.45	-700.58	482.55	396.98	85.57	5.639			
7,000.00	6,609.07	7,008.60	6,628.74	44.10	44.24	-108.16	1,986.12	-711.83	489.79	402.86	86.93	5.634			
7,100.00	6,702.68	7,108.33	6,722.30	44.79	44.92	-108.04	2,018.78	-723.08	497.03	408.74	88.29	5.629			
7,200.00	6,796.29	7,208.07	6,815.85	45.47	45.60	-107.93	2,051.45	-734.34	504.28	414.62	89.65	5.625			
7,300.00	6,889.89	7,307.80	6,909.41	46.15	46.28	-107.82	2,084.12	-745.59	511.53	420.51	91.01	5.620			
7,400.00	6,983.50	7,407.53	7,002.97	46.83	46.96	-107.71	2,116.78	-756.84	518.78	426.40	92.37	5.616			
7,500.00	7,077.11	7,507.26	7,096.52	47.51	47.64	-107.60	2,149.45	-768.09	526.03	432.29	93.73	5.612			
7,600.00	7,170.71	7,606.99	7,190.08	48.19	48.33	-107.50	2,182.12	-779.34	533.28	438.18	95.09	5.608			
7,700.00	7,264.32	7,927.11	7,488.39	48.88	50.11	-109.90	2,285.92	-757.00	532.30	441.51	90.80	5.863			
7,800.00	7,357.90	8,287.00	7,754.09	49.56	50.81	-125.63	2,377.16	-541.60	472.58	410.09	62.50	7.561			
7,900.00	7,450.12	8,382.90	7,799.10	50.26	50.81	-131.50	2,392.33	-458.42	393.61	336.55	57.07	6.898			
8,000.00	7,538.18	8,397.76	7,804.88	50.97	50.80	-132.25	2,394.26	-444.86	319.02	257.60	61.42	5.194			
8,100.00	7,619.40	8,383.93	7,799.52	51.66	50.81	-127.53	2,392.47	-457.48	261.53	193.21	68.32	3.828			
8,200.00	7,691.32	8,357.11	7,788.30	52.34	50.81	-118.79	2,388.71	-481.55	234.08	162.31	71.77	3.262			
8,223.00	7,706.30	8,349.84	7,785.07	52.49	50.82	-116.29	2,387.62	-487.98	233.06	161.56	71.50	3.259 SF			
8,300.00	7,751.74	8,323.40	7,772.71	53.00	50.81	-106.73	2,383.46	-510.97	243.78	175.64	68.14	3.578			
8,400.00	7,798.84	8,285.61	7,753.34	53.64	50.81	-92.62	2,376.90	-542.74	282.83	220.19	62.65	4.515			
8,500.00	7,831.18	8,245.23	7,730.50	54.26	50.79	-78.78	2,369.15	-575.12	337.18	276.91	60.27	5.595			
8,600.00	7,847.78	8,200.00	7,702.44	54.86	50.75	-66.93	2,359.58	-609.26	396.74	336.05	60.69	6.538			
8,700.00	7,850.00	8,160.62	7,676.01	55.46	50.70	-60.83	2,350.54	-637.01	457.04	393.33	63.71	7.173			
8,800.00	7,850.00	8,123.20	7,649.29	56.13	50.64	-57.97	2,341.39	-661.54	523.25	456.40	66.85	7.827			
8,900.00	7,850.00	8,100.00	7,631.98	56.90	50.61	-56.29	2,335.44	-675.80	595.37	524.55	70.82	8.407			
9,000.00	7,850.00	8,063.10	7,603.37	57.76	50.52	-53.77	2,325.61	-696.92	671.79	599.04	72.75	9.234			
9,100.00	7,850.00	8,050.00	7,592.92	58.72	50.50	-52.92	2,322.01	-703.95	752.16	676.10	76.06	9.889			
9,200.00	7,850.00	8,017.64	7,566.47	59.79	50.41	-50.94	2,312.89	-720.20	835.05	757.69	77.36	10.794			
9,300.00	7,850.00	8,000.00	7,551.70	60.96	50.36	-49.92	2,307.80	-728.39	920.47	841.21	79.26	11.613			
9,400.00	7,850.00	7,982.47	7,536.79	62.23	50.31	-48.94	2,302.65	-736.05	1,007.79	927.01	80.78	12.476			
9,500.00	7,850.00	7,967.77	7,524.14	63.60	50.26	-48.16	2,298.28	-742.09	1,096.68	1,014.54	82.13	13.352			
9,600.00	7,850.00	7,950.00	7,508.64	65.07	50.20	-47.25	2,292.92	-748.94	1,186.89	1,103.79	83.11	14.282			
9,700.00	7,850.00	7,950.00	7,508.64	66.63	50.20	-47.25	2,292.92	-748.94	1,278.21	1,193.60	84.61	15.107			
9,800.00	7,850.00	7,932.16	7,492.89	68.28	50.13	-46.38	2,287.47	-755.30	1,370.35	1,285.14	85.21	16.081			
9,900.00	7,850.00	7,922.49	7,484.28	70.00	50.10	-45.93	2,284.49	-758.53	1,463.35	1,377.35	86.00	17.017			
10,000.00	7,850.00	7,900.00	7,464.05	71.80	50.01	-44.91	2,277.49	-765.44	1,557.24	1,470.99	86.25	18.055			
10,100.00	7,850.00	7,900.00	7,464.05	73.67	50.01	-44.91	2,277.49	-765.44	1,651.31	1,564.18	87.13	18.952			
10,200.00	7,850.00	7,900.00	7,464.05	75.60	50.01	-44.91	2,277.49	-765.44	1,746.04	1,658.14	87.89	19.866			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,300.00	7,850.00	7,900.00	7,464.05	77.59	50.01	-44.91	2,277.49	-765.44	1,841.32	1,752.76	88.56	20.793			
10,400.00	7,850.00	7,900.00	7,464.05	79.62	50.01	-44.91	2,277.49	-765.44	1,937.08	1,847.94	89.14	21.730			
10,500.00	7,850.00	7,879.42	7,445.33	81.71	49.92	-44.04	2,271.00	-771.02	2,032.78	1,943.61	89.17	22.797			
10,600.00	7,850.00	7,874.04	7,440.41	83.83	49.90	-43.82	2,269.29	-772.37	2,129.03	2,039.50	89.53	23.779			
10,700.00	7,850.00	7,869.03	7,435.82	86.00	49.88	-43.61	2,267.70	-773.57	2,225.56	2,135.69	89.86	24.766			
10,800.00	7,850.00	7,850.00	7,418.28	88.20	49.79	-42.86	2,261.62	-777.76	2,322.55	2,232.69	89.86	25.846			
10,900.00	7,850.00	7,850.00	7,418.28	90.43	49.79	-42.86	2,261.62	-777.76	2,419.42	2,329.18	90.24	26.811			
11,000.00	7,850.00	7,850.00	7,418.28	92.69	49.79	-42.86	2,261.62	-777.76	2,516.54	2,425.96	90.59	27.781			
11,100.00	7,850.00	7,850.00	7,418.28	94.98	49.79	-42.86	2,261.62	-777.76	2,613.88	2,522.98	90.90	28.755			
11,200.00	7,850.00	7,850.00	7,418.28	97.29	49.79	-42.86	2,261.62	-777.76	2,711.41	2,620.22	91.19	29.734			
11,300.00	7,850.00	7,850.00	7,418.28	99.62	49.79	-42.86	2,261.62	-777.76	2,809.11	2,717.66	91.46	30.715			
11,400.00	7,850.00	7,850.00	7,418.28	101.98	49.79	-42.86	2,261.62	-777.76	2,906.97	2,815.27	91.70	31.700			
11,500.00	7,850.00	7,850.00	7,418.28	104.35	49.79	-42.86	2,261.62	-777.76	3,004.97	2,913.04	91.93	32.687			
11,600.00	7,850.00	7,850.00	7,418.28	106.74	49.79	-42.86	2,261.62	-777.76	3,103.10	3,010.96	92.14	33.677			
11,700.00	7,850.00	7,850.00	7,418.28	109.15	49.79	-42.86	2,261.62	-777.76	3,201.34	3,109.00	92.34	34.668			
11,800.00	7,850.00	7,850.00	7,418.28	111.57	49.79	-42.86	2,261.62	-777.76	3,299.69	3,207.16	92.53	35.661			
11,900.00	7,850.00	7,828.23	7,398.07	114.01	49.69	-42.05	2,254.60	-781.80	3,397.66	3,305.29	92.37	36.785			
12,000.00	7,850.00	7,825.90	7,395.90	116.46	49.67	-41.97	2,253.85	-782.18	3,496.09	3,403.58	92.50	37.794			
12,100.00	7,850.00	7,823.68	7,393.83	118.92	49.66	-41.89	2,253.13	-782.54	3,594.59	3,501.96	92.63	38.805			
12,200.00	7,850.00	7,821.56	7,391.86	121.39	49.65	-41.82	2,252.44	-782.87	3,693.17	3,600.41	92.76	39.815			
12,300.00	7,850.00	7,800.00	7,371.68	123.88	49.54	-41.07	2,245.43	-785.82	3,792.19	3,699.60	92.59	40.956			
12,400.00	7,850.00	7,800.00	7,371.68	126.37	49.54	-41.07	2,245.43	-785.82	3,890.82	3,798.08	92.74	41.955			
12,500.00	7,850.00	7,800.00	7,371.68	128.87	49.54	-41.07	2,245.43	-785.82	3,989.52	3,896.64	92.88	42.954			
12,600.00	7,850.00	7,800.00	7,371.68	131.38	49.54	-41.07	2,245.43	-785.82	4,088.28	3,995.27	93.01	43.954			
12,700.00	7,850.00	7,800.00	7,371.68	133.90	49.54	-41.07	2,245.43	-785.82	4,187.10	4,093.96	93.14	44.954			
12,800.00	7,850.00	7,800.00	7,371.68	136.42	49.54	-41.07	2,245.43	-785.82	4,285.98	4,192.71	93.26	45.955			
12,900.00	7,850.00	7,800.00	7,371.68	138.96	49.54	-41.07	2,245.43	-785.82	4,384.90	4,291.52	93.38	46.956			
13,000.00	7,850.00	7,800.00	7,371.68	141.49	49.54	-41.07	2,245.43	-785.82	4,483.88	4,390.38	93.50	47.957			
13,100.00	7,850.00	7,800.00	7,371.68	144.04	49.54	-41.07	2,245.43	-785.82	4,582.90	4,489.29	93.61	48.959			
13,200.00	7,850.00	7,800.00	7,371.68	146.59	49.54	-41.07	2,245.43	-785.82	4,681.96	4,588.24	93.71	49.960			
13,300.00	7,850.00	7,800.00	7,371.68	149.15	49.54	-41.07	2,245.43	-785.82	4,781.06	4,687.24	93.82	50.961			
13,400.00	7,850.00	7,800.00	7,371.68	151.71	49.54	-41.07	2,245.43	-785.82	4,880.19	4,786.27	93.92	51.962			
13,500.00	7,850.00	7,800.00	7,371.68	154.27	49.54	-41.07	2,245.43	-785.82	4,979.36	4,885.34	94.02	52.962			
13,600.00	7,850.00	7,800.00	7,371.68	156.84	49.54	-41.07	2,245.43	-785.82	5,078.57	4,984.45	94.11	53.963			
13,700.00	7,850.00	7,800.00	7,371.68	159.42	49.54	-41.07	2,245.43	-785.82	5,177.80	5,083.59	94.21	54.963			
13,800.00	7,850.00	7,800.00	7,371.68	162.00	49.54	-41.07	2,245.43	-785.82	5,277.06	5,182.77	94.30	55.962			
13,900.00	7,850.00	7,800.00	7,371.68	164.58	49.54	-41.07	2,245.43	-785.82	5,376.35	5,281.97	94.39	56.962			
14,000.00	7,850.00	7,800.00	7,371.68	167.17	49.54	-41.07	2,245.43	-785.82	5,475.67	5,381.20	94.47	57.960			
14,100.00	7,850.00	7,800.00	7,371.68	169.76	49.54	-41.07	2,245.43	-785.82	5,575.01	5,480.45	94.56	58.959			
14,200.00	7,850.00	7,800.00	7,371.68	172.35	49.54	-41.07	2,245.43	-785.82	5,674.37	5,579.73	94.64	59.956			
14,300.00	7,850.00	7,800.00	7,371.68	174.95	49.54	-41.07	2,245.43	-785.82	5,773.76	5,679.03	94.72	60.953			
14,400.00	7,850.00	7,800.00	7,371.68	177.55	49.54	-41.07	2,245.43	-785.82	5,873.16	5,778.36	94.81	61.949			
14,500.00	7,850.00	7,800.00	7,371.68	180.15	49.54	-41.07	2,245.43	-785.82	5,972.59	5,877.70	94.89	62.945			
14,600.00	7,850.00	7,800.00	7,371.68	182.76	49.54	-41.07	2,245.43	-785.82	6,072.04	5,977.07	94.96	63.940			
14,700.00	7,850.00	7,800.00	7,371.68	185.37	49.54	-41.07	2,245.43	-785.82	6,171.50	6,076.46	95.04	64.934			
14,800.00	7,850.00	7,800.00	7,371.68	187.98	49.54	-41.07	2,245.43	-785.82	6,270.98	6,175.86	95.12	65.927			
14,900.00	7,850.00	7,800.00	7,371.68	190.59	49.54	-41.07	2,245.43	-785.82	6,370.47	6,275.28	95.20	66.920			
15,000.00	7,850.00	7,800.00	7,371.68	193.21	49.54	-41.07	2,245.43	-785.82	6,469.99	6,374.72	95.27	67.912			
15,100.00	7,850.00	7,800.00	7,371.68	195.83	49.54	-41.07	2,245.43	-785.82	6,569.51	6,474.17	95.35	68.902			
15,200.00	7,850.00	7,800.00	7,371.68	198.45	49.54	-41.07	2,245.43	-785.82	6,669.05	6,573.63	95.42	69.892			
15,300.00	7,850.00	7,800.00	7,371.68	201.07	49.54	-41.07	2,245.43	-785.82	6,768.61	6,673.12	95.49	70.881			
15,400.00	7,850.00	7,800.00	7,371.68	203.70	49.54	-41.07	2,245.43	-785.82	6,868.18	6,772.61	95.56	71.869			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,850.00	7,800.00	7,371.68	206.32	49.54	-41.07	2,245.43	-785.82	6,967.76	6,872.12	95.64	72.856		
15,600.00	7,850.00	7,800.00	7,371.68	208.95	49.54	-41.07	2,245.43	-785.82	7,067.35	6,971.64	95.71	73.842		
15,700.00	7,850.00	7,800.00	7,371.68	211.58	49.54	-41.07	2,245.43	-785.82	7,166.95	7,071.17	95.78	74.827		
15,800.00	7,850.00	7,800.00	7,371.68	214.21	49.54	-41.07	2,245.43	-785.82	7,266.56	7,170.71	95.85	75.811		
15,900.00	7,850.00	7,800.00	7,371.68	216.85	49.54	-41.07	2,245.43	-785.82	7,366.19	7,270.27	95.92	76.794		
16,000.00	7,850.00	7,800.00	7,371.68	219.48	49.54	-41.07	2,245.43	-785.82	7,465.82	7,369.83	95.99	77.775		
16,100.00	7,850.00	7,800.00	7,371.68	222.12	49.54	-41.07	2,245.43	-785.82	7,565.47	7,469.40	96.06	78.756		
16,200.00	7,850.00	7,800.00	7,371.68	224.76	49.54	-41.07	2,245.43	-785.82	7,665.12	7,568.99	96.13	79.735		
16,300.00	7,850.00	7,800.00	7,371.68	227.39	49.54	-41.07	2,245.43	-785.82	7,764.78	7,668.58	96.20	80.714		
16,400.00	7,850.00	7,800.00	7,371.68	230.03	49.54	-41.07	2,245.43	-785.82	7,864.45	7,768.18	96.27	81.691		
16,500.00	7,850.00	7,800.00	7,371.68	232.68	49.54	-41.07	2,245.43	-785.82	7,964.13	7,867.79	96.34	82.667		
16,600.00	7,850.00	7,776.63	7,349.71	235.32	49.41	-40.31	2,237.79	-788.10	8,063.31	7,967.15	96.16	83.854		
16,700.00	7,850.00	7,776.13	7,349.24	237.96	49.41	-40.30	2,237.63	-788.14	8,162.98	8,066.76	96.22	84.834		
16,800.00	7,850.00	7,775.64	7,348.79	240.61	49.41	-40.28	2,237.47	-788.18	8,262.66	8,166.37	96.29	85.812		
16,900.00	7,850.00	7,775.17	7,348.34	243.26	49.41	-40.27	2,237.31	-788.21	8,362.35	8,266.00	96.35	86.789		
17,000.00	7,850.00	7,774.70	7,347.90	245.90	49.40	-40.25	2,237.16	-788.25	8,462.05	8,365.63	96.42	87.765		
17,100.00	7,850.00	7,774.25	7,347.47	248.55	49.40	-40.24	2,237.01	-788.28	8,561.75	8,465.26	96.48	88.739		
17,200.00	7,850.00	7,773.80	7,347.05	251.20	49.40	-40.23	2,236.86	-788.32	8,661.45	8,564.91	96.55	89.712		
17,300.00	7,850.00	7,773.37	7,346.64	253.85	49.40	-40.21	2,236.72	-788.35	8,761.17	8,664.56	96.61	90.684		
17,400.00	7,850.00	7,750.00	7,324.61	256.50	49.26	-39.51	2,229.05	-789.55	8,861.38	8,764.94	96.44	91.886		
17,500.00	7,850.00	7,750.00	7,324.61	259.16	49.26	-39.51	2,229.05	-789.55	8,961.09	8,864.58	96.51	92.852		
17,600.00	7,850.00	7,750.00	7,324.61	261.81	49.26	-39.51	2,229.05	-789.55	9,060.80	8,964.22	96.58	93.817		
17,700.00	7,850.00	7,750.00	7,324.61	264.47	49.26	-39.51	2,229.05	-789.55	9,160.52	9,063.87	96.65	94.780		
17,800.00	7,850.00	7,750.00	7,324.61	267.12	49.26	-39.51	2,229.05	-789.55	9,260.25	9,163.53	96.72	95.742		
17,900.00	7,850.00	7,750.00	7,324.61	269.78	49.26	-39.51	2,229.05	-789.55	9,359.98	9,263.19	96.79	96.702		
18,000.00	7,850.00	7,750.00	7,324.61	272.43	49.26	-39.51	2,229.05	-789.55	9,459.72	9,362.86	96.86	97.661		
18,100.00	7,850.00	7,750.00	7,324.61	275.09	49.26	-39.51	2,229.05	-789.55	9,559.46	9,462.53	96.93	98.619		
18,200.00	7,850.00	7,750.00	7,324.61	277.75	49.26	-39.51	2,229.05	-789.55	9,659.21	9,562.21	97.00	99.575		
18,300.00	7,850.00	7,750.00	7,324.61	280.41	49.26	-39.51	2,229.05	-789.55	9,758.97	9,661.89	97.08	100.530		
18,400.00	7,850.00	7,750.00	7,324.61	283.07	49.26	-39.51	2,229.05	-789.55	9,858.73	9,761.58	97.15	101.483		
18,500.00	7,850.00	7,750.00	7,324.61	285.73	49.26	-39.51	2,229.05	-789.55	9,958.49	9,861.27	97.22	102.435		

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.60	-0.60	0.00	0.00	-179.84	-99.81	-0.28	99.81					
100.00	100.00	100.60	99.40	0.13	0.14	-179.84	-99.81	-0.28	99.81	99.54	0.27	368.296		
200.00	200.00	200.60	199.40	0.49	0.50	-179.84	-99.81	-0.28	99.81	98.82	0.99	101.028	CC, ES	
300.00	299.98	299.38	299.38	0.85	0.85	-172.95	-99.81	-0.28	101.54	99.84	1.70	59.652		
400.00	399.84	402.69	402.66	1.22	1.22	-172.89	-98.14	-1.04	105.12	102.68	2.43	43.191		
500.00	499.45	506.11	505.93	1.59	1.60	-172.24	-93.06	-3.35	108.88	105.72	3.17	34.390		
600.00	598.70	609.62	609.02	1.97	1.98	-171.08	-84.60	-7.21	112.86	108.96	3.90	28.927		
700.00	697.47	713.18	711.75	2.38	2.37	-169.47	-72.74	-12.61	117.12	112.47	4.65	25.200		
800.00	795.62	816.78	813.98	2.82	2.80	-167.45	-57.51	-19.55	121.72	116.31	5.41	22.507		
900.00	893.06	920.39	915.55	3.29	3.25	-165.10	-38.92	-28.01	126.75	120.56	6.19	20.466		
1,000.00	989.64	1,023.99	1,016.31	3.79	3.74	-162.47	-17.00	-38.00	132.31	125.30	7.02	18.856		
1,100.00	1,085.27	1,127.35	1,115.90	4.34	4.26	-159.64	8.16	-49.45	138.51	130.62	7.88	17.568		
1,200.00	1,179.82	1,226.82	1,211.30	4.93	4.80	-157.25	33.78	-61.12	146.95	138.14	8.81	16.683		
1,300.00	1,273.48	1,326.11	1,306.53	5.56	5.34	-155.55	59.36	-72.77	157.98	148.22	9.76	16.187		
1,400.00	1,367.08	1,425.39	1,401.75	6.19	5.90	-154.11	84.93	-84.42	169.28	158.54	10.73	15.771		
1,500.00	1,460.69	1,524.66	1,496.96	6.84	6.46	-152.86	110.50	-96.06	180.66	168.93	11.73	15.404		
1,600.00	1,554.30	1,623.94	1,592.18	7.50	7.02	-151.76	136.07	-107.71	192.12	179.38	12.74	15.080		
1,700.00	1,647.90	1,723.22	1,687.40	8.15	7.59	-150.78	161.65	-119.36	203.64	189.87	13.77	14.793		
1,800.00	1,741.51	1,822.50	1,782.62	8.82	8.17	-149.91	187.22	-131.00	215.21	200.41	14.80	14.537		
1,900.00	1,835.12	1,921.77	1,877.83	9.48	8.74	-149.12	212.79	-142.65	226.83	210.98	15.85	14.309		
2,000.00	1,928.73	2,021.05	1,973.05	10.15	9.32	-148.41	238.37	-154.30	238.49	221.58	16.91	14.104		
2,100.00	2,022.33	2,120.33	2,068.27	10.82	9.89	-147.77	263.94	-165.95	250.17	232.20	17.97	13.919		
2,200.00	2,115.94	2,219.61	2,163.49	11.49	10.47	-147.19	289.51	-177.59	261.89	242.85	19.04	13.752		
2,300.00	2,209.55	2,318.88	2,258.70	12.16	11.05	-146.65	315.09	-189.24	273.63	253.51	20.12	13.600		
2,400.00	2,303.15	2,418.16	2,353.92	12.83	11.64	-146.16	340.66	-200.89	285.39	264.19	21.20	13.462		
2,500.00	2,396.76	2,517.44	2,449.14	13.51	12.22	-145.71	366.23	-212.53	297.18	274.89	22.28	13.335		
2,600.00	2,490.37	2,616.71	2,544.36	14.18	12.80	-145.29	391.81	-224.18	308.97	285.60	23.37	13.219		
2,700.00	2,583.97	2,715.99	2,639.57	14.86	13.38	-144.91	417.38	-235.83	320.79	296.32	24.46	13.112		
2,800.00	2,677.58	2,815.27	2,734.79	15.53	13.97	-144.55	442.95	-247.47	332.62	307.06	25.56	13.014		
2,900.00	2,771.19	2,914.55	2,830.01	16.21	14.55	-144.21	468.52	-259.12	344.45	317.80	26.66	12.923		
3,000.00	2,864.79	3,013.82	2,925.23	16.89	15.14	-143.90	494.10	-270.77	356.30	328.55	27.75	12.838		
3,100.00	2,958.40	3,113.10	3,020.44	17.57	15.72	-143.61	519.67	-282.41	368.16	339.31	28.86	12.759		
3,200.00	3,052.01	3,212.38	3,115.66	18.24	16.31	-143.33	545.24	-294.06	380.03	350.07	29.96	12.685		
3,300.00	3,145.62	3,311.66	3,210.88	18.92	16.89	-143.08	570.82	-305.71	391.91	360.85	31.06	12.617		
3,400.00	3,239.22	3,410.93	3,306.10	19.60	17.48	-142.83	596.39	-317.35	403.79	371.62	32.17	12.553		
3,500.00	3,332.83	3,510.21	3,401.31	20.28	18.07	-142.61	621.96	-329.00	415.68	382.41	33.28	12.492		
3,600.00	3,426.44	3,609.49	3,496.53	20.96	18.65	-142.39	647.54	-340.65	427.58	393.20	34.38	12.436		
3,700.00	3,520.04	3,708.77	3,591.75	21.64	19.24	-142.19	673.11	-352.29	439.48	403.99	35.49	12.382		
3,800.00	3,613.65	3,808.04	3,686.97	22.32	19.83	-141.99	698.68	-363.94	451.39	414.79	36.60	12.332		
3,900.00	3,707.26	3,907.32	3,782.18	23.00	20.41	-141.81	724.25	-375.59	463.30	425.59	37.72	12.284		
4,000.00	3,800.86	4,006.60	3,877.40	23.68	21.00	-141.64	749.83	-387.23	475.22	436.39	38.83	12.239		
4,100.00	3,894.47	4,105.87	3,972.62	24.36	21.59	-141.47	775.40	-398.88	487.14	447.20	39.94	12.197		
4,200.00	3,988.08	4,205.15	4,067.83	25.04	22.17	-141.31	800.97	-410.53	499.06	458.01	41.05	12.156		
4,300.00	4,081.68	4,304.43	4,163.05	25.72	22.76	-141.16	826.55	-422.17	510.99	468.82	42.17	12.118		
4,400.00	4,175.29	4,403.71	4,258.27	26.40	23.35	-141.02	852.12	-433.82	522.92	479.64	43.28	12.081		
4,500.00	4,268.90	4,502.98	4,353.49	27.08	23.94	-140.88	877.69	-445.47	534.86	490.46	44.40	12.046		
4,600.00	4,362.51	4,602.26	4,448.70	27.76	24.53	-140.75	903.27	-457.12	546.80	501.28	45.52	12.013		
4,700.00	4,456.11	4,701.54	4,543.92	28.44	25.11	-140.63	928.84	-468.76	558.74	512.10	46.63	11.982		
4,800.00	4,549.72	4,800.82	4,639.14	29.12	25.70	-140.51	954.41	-480.41	570.68	522.93	47.75	11.951		
4,900.00	4,643.33	4,900.09	4,734.36	29.80	26.29	-140.39	979.98	-492.06	582.63	533.76	48.87	11.922		
5,000.00	4,736.93	5,000.63	4,829.57	30.48	26.89	-140.28	1,005.56	-503.70	594.57	544.58	49.99	11.893		
5,100.00	4,830.54	5,101.35	4,924.79	31.16	27.48	-140.17	1,031.13	-515.35	606.52	555.40	51.12	11.865		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	5,197.92	5,020.01	31.84	28.05	-140.07	1,056.70	-527.00	618.47	566.25	52.22	11.843		
5,300.00	5,017.75	5,302.80	5,115.23	32.52	28.68	-139.97	1,082.28	-538.64	630.43	577.05	53.37	11.812		
5,400.00	5,111.36	5,403.52	5,210.44	33.20	29.27	-139.88	1,107.85	-550.29	642.38	587.88	54.50	11.787		
5,500.00	5,204.97	5,495.76	5,305.66	33.88	29.82	-139.79	1,133.42	-561.94	654.34	598.76	55.58	11.773		
5,600.00	5,298.57	5,595.03	5,400.88	34.56	30.41	-139.70	1,159.00	-573.58	666.30	609.60	56.70	11.751		
5,700.00	5,392.18	5,705.69	5,496.10	35.25	31.06	-139.61	1,184.57	-585.23	678.26	620.37	57.88	11.717		
5,800.00	5,485.79	5,793.59	5,591.31	35.93	31.59	-139.53	1,210.14	-596.88	690.22	631.28	58.94	11.710		
5,900.00	5,579.40	5,892.87	5,686.53	36.61	32.17	-139.45	1,235.71	-608.52	702.18	642.12	60.06	11.691		
6,000.00	5,673.00	6,007.86	5,781.75	37.29	32.86	-139.38	1,261.29	-620.17	714.14	652.87	61.27	11.656		
6,100.00	5,766.61	6,108.58	5,876.97	37.97	33.45	-139.30	1,286.86	-631.82	726.11	663.71	62.40	11.636		
6,200.00	5,860.22	6,209.30	5,972.18	38.65	34.05	-139.23	1,312.43	-643.46	738.08	674.55	63.53	11.618		
6,300.00	5,953.82	6,289.98	6,067.40	39.33	34.53	-139.16	1,338.01	-655.11	750.04	685.49	64.55	11.620		
6,400.00	6,047.43	6,389.25	6,162.62	40.02	35.12	-139.09	1,363.58	-666.76	762.01	696.34	65.67	11.603		
6,500.00	6,141.04	6,488.53	6,257.84	40.70	35.71	-139.03	1,389.15	-678.40	773.98	707.19	66.79	11.588		
6,600.00	6,234.64	6,587.81	6,353.05	41.38	36.30	-138.97	1,414.73	-690.05	785.95	718.04	67.92	11.572		
6,700.00	6,328.25	6,687.08	6,448.27	42.06	36.89	-138.91	1,440.30	-701.70	797.92	728.88	69.04	11.558		
6,800.00	6,421.86	6,786.36	6,543.49	42.74	37.47	-138.85	1,465.87	-713.34	809.90	739.73	70.16	11.543		
6,900.00	6,515.47	6,885.64	6,638.71	43.42	38.06	-138.79	1,491.44	-724.99	821.87	750.58	71.28	11.530		
7,000.00	6,609.07	6,984.92	6,733.92	44.10	38.65	-138.73	1,517.02	-736.64	833.84	761.44	72.41	11.516		
7,100.00	6,702.68	7,084.19	6,829.14	44.79	39.24	-138.68	1,542.59	-748.29	845.82	772.29	73.53	11.503		
7,200.00	6,796.29	7,183.47	6,924.36	45.47	39.83	-138.63	1,568.16	-759.93	857.79	783.14	74.65	11.490		
7,300.00	6,889.89	7,282.75	7,019.58	46.15	40.42	-138.57	1,593.74	-771.58	869.77	793.99	75.78	11.478		
7,400.00	6,983.50	7,382.03	7,114.79	46.83	41.01	-138.52	1,619.31	-783.23	881.74	804.84	76.90	11.466 SF		
7,500.00	7,077.11	7,477.39	7,210.01	47.51	42.61	-143.93	1,717.04	-725.88	884.68	810.76	73.93	11.967		
7,600.00	7,170.71	8,084.82	7,699.31	48.19	42.78	-158.49	1,771.56	-515.83	855.06	789.67	65.39	13.076		
7,700.00	7,264.32	8,190.87	7,744.20	48.88	42.68	-165.40	1,782.21	-420.50	824.27	759.23	65.04	12.674		
7,800.00	7,357.90	8,239.85	7,759.03	49.56	42.62	-163.44	1,785.52	-373.95	801.79	735.39	66.40	12.076		
7,900.00	7,450.12	8,252.56	7,762.25	50.26	42.60	-143.78	1,786.21	-361.68	789.86	722.17	67.69	11.669		
7,950.37	7,495.17	8,249.57	7,761.51	50.62	42.60	-135.82	1,786.05	-364.57	788.33	720.26	68.07	11.582		
8,000.00	7,538.18	8,242.68	7,759.77	50.97	42.61	-129.11	1,785.68	-371.22	789.79	721.59	68.20	11.581		
8,100.00	7,619.40	8,220.65	7,753.67	51.66	42.64	-117.94	1,784.35	-392.35	801.10	733.32	67.79	11.818		
8,200.00	7,691.32	8,191.43	7,744.39	52.34	42.68	-108.58	1,782.26	-419.97	821.97	755.34	66.62	12.337		
8,300.00	7,751.74	8,157.66	7,731.98	53.00	42.72	-100.26	1,779.38	-451.24	849.90	784.86	65.05	13.066		
8,400.00	7,798.84	8,120.86	7,716.46	53.64	42.75	-92.79	1,775.70	-484.41	882.28	818.86	63.41	13.913		
8,500.00	7,831.18	8,081.95	7,697.86	54.26	42.78	-86.23	1,771.21	-518.28	916.60	854.59	62.01	14.782		
8,600.00	7,847.78	8,050.00	7,680.96	54.86	42.80	-81.04	1,767.08	-545.07	950.76	889.59	61.17	15.543		
8,700.00	7,850.00	8,000.00	7,651.69	55.46	42.81	-77.62	1,759.82	-584.93	983.74	923.21	60.53	16.253		
8,800.00	7,850.00	7,963.48	7,628.25	56.13	42.81	-76.30	1,753.95	-612.30	1,021.46	961.08	60.39	16.916		
8,900.00	7,850.00	7,930.35	7,605.57	56.90	42.79	-75.04	1,748.22	-635.76	1,064.86	1,004.34	60.52	17.594		
9,000.00	7,850.00	7,900.00	7,583.68	57.76	42.78	-73.86	1,742.67	-656.03	1,113.62	1,052.72	60.90	18.285		
9,100.00	7,850.00	7,874.49	7,564.51	58.72	42.75	-72.85	1,737.77	-672.13	1,167.37	1,105.81	61.56	18.963		
9,200.00	7,850.00	7,850.00	7,545.47	59.79	42.73	-71.87	1,732.90	-686.74	1,225.69	1,163.36	62.33	19.665		
9,300.00	7,850.00	7,829.84	7,529.36	60.96	42.70	-71.06	1,728.76	-698.12	1,288.13	1,224.86	63.27	20.360		
9,400.00	7,850.00	7,800.00	7,504.83	62.23	42.66	-69.85	1,722.43	-713.88	1,354.39	1,290.47	63.92	21.188		
9,500.00	7,850.00	7,800.00	7,504.83	63.60	42.66	-69.85	1,722.43	-713.88	1,423.74	1,358.33	65.41	21.767		
9,600.00	7,850.00	7,778.24	7,486.45	65.07	42.62	-68.96	1,717.68	-724.54	1,496.06	1,429.83	66.22	22.591		
9,700.00	7,850.00	7,750.00	7,462.06	66.63	42.56	-67.82	1,711.34	-737.27	1,571.22	1,504.40	66.82	23.513		
9,800.00	7,850.00	7,750.00	7,462.06	68.28	42.56	-67.82	1,711.34	-737.27	1,648.25	1,580.16	68.08	24.209		
9,900.00	7,850.00	7,750.00	7,462.06	70.00	42.56	-67.82	1,711.34	-737.27	1,727.63	1,658.39	69.24	24.951		
10,000.00	7,850.00	7,728.86	7,443.42	71.80	42.51	-66.97	1,706.49	-745.98	1,808.59	1,738.76	69.83	25.901		
10,100.00	7,850.00	7,718.97	7,434.61	73.67	42.49	-66.57	1,704.19	-749.81	1,891.26	1,820.65	70.61	26.786		
10,200.00	7,850.00	7,700.00	7,417.51	75.60	42.44	-65.82	1,699.72	-756.72	1,975.45	1,904.32	71.14	27.770		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,300.00	7,850.00	7,700.00	7,417.51	77.59	42.44	-65.82	1,699.72	-756.72	2,060.71	1,988.72	71.99	28.625			
10,400.00	7,850.00	7,700.00	7,417.51	79.62	42.44	-65.82	1,699.72	-756.72	2,147.24	2,074.47	72.77	29.507			
10,500.00	7,850.00	7,700.00	7,417.51	81.71	42.44	-65.82	1,699.72	-756.72	2,234.89	2,161.41	73.49	30.413			
10,600.00	7,850.00	7,679.60	7,398.89	83.83	42.38	-65.01	1,694.85	-763.49	2,323.11	2,249.32	73.79	31.481			
10,700.00	7,850.00	7,673.29	7,393.09	86.00	42.36	-64.77	1,693.33	-765.44	2,412.35	2,338.04	74.31	32.464			
10,800.00	7,850.00	7,650.00	7,371.50	88.20	42.30	-63.86	1,687.66	-772.08	2,502.63	2,428.12	74.51	33.587			
10,900.00	7,850.00	7,650.00	7,371.50	90.43	42.30	-63.86	1,687.66	-772.08	2,593.11	2,518.05	75.06	34.549			
11,000.00	7,850.00	7,650.00	7,371.50	92.69	42.30	-63.86	1,687.66	-772.08	2,684.26	2,608.71	75.56	35.526			
11,100.00	7,850.00	7,650.00	7,371.50	94.98	42.30	-63.86	1,687.66	-772.08	2,776.03	2,700.00	76.02	36.516			
11,200.00	7,850.00	7,650.00	7,371.50	97.29	42.30	-63.86	1,687.66	-772.08	2,868.34	2,791.89	76.45	37.517			
11,300.00	7,850.00	7,650.00	7,371.50	99.62	42.30	-63.86	1,687.66	-772.08	2,961.15	2,884.30	76.86	38.528			
11,400.00	7,850.00	7,650.00	7,371.50	101.98	42.30	-63.86	1,687.66	-772.08	3,054.42	2,977.19	77.23	39.549			
11,500.00	7,850.00	7,650.00	7,371.50	104.35	42.30	-63.86	1,687.66	-772.08	3,148.10	3,070.52	77.58	40.577			
11,600.00	7,850.00	7,650.00	7,371.50	106.74	42.30	-63.86	1,687.66	-772.08	3,242.16	3,164.25	77.91	41.613			
11,700.00	7,850.00	7,627.67	7,350.57	109.15	42.22	-63.01	1,682.15	-777.59	3,336.06	3,258.11	77.96	42.793			
11,800.00	7,850.00	7,624.35	7,347.45	111.57	42.21	-62.89	1,681.33	-778.33	3,430.63	3,352.41	78.22	43.860			
11,900.00	7,850.00	7,621.20	7,344.47	114.01	42.20	-62.77	1,680.54	-779.03	3,525.47	3,447.00	78.46	44.930			
12,000.00	7,850.00	7,600.00	7,324.38	116.46	42.12	-61.98	1,675.24	-783.24	3,620.90	3,542.40	78.50	46.126			
12,100.00	7,850.00	7,600.00	7,324.38	118.92	42.12	-61.98	1,675.24	-783.24	3,716.15	3,637.39	78.76	47.184			
12,200.00	7,850.00	7,600.00	7,324.38	121.39	42.12	-61.98	1,675.24	-783.24	3,811.64	3,732.63	79.00	48.246			
12,300.00	7,850.00	7,600.00	7,324.38	123.88	42.12	-61.98	1,675.24	-783.24	3,907.35	3,828.12	79.24	49.312			
12,400.00	7,850.00	7,600.00	7,324.38	126.37	42.12	-61.98	1,675.24	-783.24	4,003.28	3,923.82	79.46	50.381			
12,500.00	7,850.00	7,600.00	7,324.38	128.87	42.12	-61.98	1,675.24	-783.24	4,099.40	4,019.73	79.67	51.454			
12,600.00	7,850.00	7,600.00	7,324.38	131.38	42.12	-61.98	1,675.24	-783.24	4,195.70	4,115.83	79.87	52.529			
12,700.00	7,850.00	7,600.00	7,324.38	133.90	42.12	-61.98	1,675.24	-783.24	4,292.17	4,212.10	80.07	53.607			
12,800.00	7,850.00	7,600.00	7,324.38	136.42	42.12	-61.98	1,675.24	-783.24	4,388.80	4,308.55	80.25	54.687			
12,900.00	7,850.00	7,600.00	7,324.38	138.96	42.12	-61.98	1,675.24	-783.24	4,485.58	4,405.15	80.43	55.769			
13,000.00	7,850.00	7,600.00	7,324.38	141.49	42.12	-61.98	1,675.24	-783.24	4,582.49	4,501.89	80.60	56.853			
13,100.00	7,850.00	7,600.00	7,324.38	144.04	42.12	-61.98	1,675.24	-783.24	4,679.54	4,598.77	80.77	57.938			
13,200.00	7,850.00	7,600.00	7,324.38	146.59	42.12	-61.98	1,675.24	-783.24	4,776.70	4,695.78	80.93	59.025			
13,300.00	7,850.00	7,600.00	7,324.38	149.15	42.12	-61.98	1,675.24	-783.24	4,873.99	4,792.91	81.08	60.113			
13,400.00	7,850.00	7,600.00	7,324.38	151.71	42.12	-61.98	1,675.24	-783.24	4,971.37	4,890.15	81.23	61.202			
13,500.00	7,850.00	7,600.00	7,324.38	154.27	42.12	-61.98	1,675.24	-783.24	5,068.87	4,987.49	81.37	62.292			
13,600.00	7,850.00	7,600.00	7,324.38	156.84	42.12	-61.98	1,675.24	-783.24	5,166.45	5,084.94	81.51	63.382			
13,700.00	7,850.00	7,600.00	7,324.38	159.42	42.12	-61.98	1,675.24	-783.24	5,264.13	5,182.48	81.65	64.473			
13,800.00	7,850.00	7,600.00	7,324.38	162.00	42.12	-61.98	1,675.24	-783.24	5,361.89	5,280.11	81.78	65.565			
13,900.00	7,850.00	7,600.00	7,324.38	164.58	42.12	-61.98	1,675.24	-783.24	5,459.74	5,377.83	81.91	66.656			
14,000.00	7,850.00	7,600.00	7,324.38	167.17	42.12	-61.98	1,675.24	-783.24	5,557.66	5,475.62	82.03	67.748			
14,100.00	7,850.00	7,577.15	7,302.58	169.76	42.03	-61.14	1,669.48	-786.91	5,655.15	5,573.18	81.98	68.986			
14,200.00	7,850.00	7,575.87	7,301.36	172.35	42.02	-61.09	1,669.15	-787.09	5,753.16	5,671.07	82.09	70.087			
14,300.00	7,850.00	7,574.64	7,300.18	174.95	42.02	-61.05	1,668.84	-787.26	5,851.23	5,769.04	82.20	71.187			
14,400.00	7,850.00	7,573.44	7,299.03	177.55	42.01	-61.01	1,668.53	-787.43	5,949.36	5,867.06	82.30	72.287			
14,500.00	7,850.00	7,550.00	7,276.53	180.15	41.92	-60.17	1,662.57	-790.11	6,048.02	5,965.79	82.24	73.543			
14,600.00	7,850.00	7,550.00	7,276.53	182.76	41.92	-60.17	1,662.57	-790.11	6,146.22	6,063.87	82.35	74.634			
14,700.00	7,850.00	7,550.00	7,276.53	185.37	41.92	-60.17	1,662.57	-790.11	6,244.48	6,162.02	82.46	75.725			
14,800.00	7,850.00	7,550.00	7,276.53	187.98	41.92	-60.17	1,662.57	-790.11	6,342.79	6,260.22	82.57	76.815			
14,900.00	7,850.00	7,550.00	7,276.53	190.59	41.92	-60.17	1,662.57	-790.11	6,441.15	6,358.48	82.68	77.905			
15,000.00	7,850.00	7,550.00	7,276.53	193.21	41.92	-60.17	1,662.57	-790.11	6,539.57	6,456.78	82.78	78.995			
15,100.00	7,850.00	7,550.00	7,276.53	195.83	41.92	-60.17	1,662.57	-790.11	6,638.03	6,555.14	82.89	80.084			
15,200.00	7,850.00	7,550.00	7,276.53	198.45	41.92	-60.17	1,662.57	-790.11	6,736.53	6,653.54	82.99	81.172			
15,300.00	7,850.00	7,550.00	7,276.53	201.07	41.92	-60.17	1,662.57	-790.11	6,835.08	6,751.99	83.09	82.260			
15,400.00	7,850.00	7,550.00	7,276.53	203.70	41.92	-60.17	1,662.57	-790.11	6,933.67	6,850.48	83.19	83.346			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2AH - OWB - PROPOSAL 1	Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
15,500.00	7,850.00	7,550.00	7,276.53	206.32	41.92	-60.17	1,662.57	-790.11	7,032.30	6,949.01	83.29	84.432			
15,600.00	7,850.00	7,550.00	7,276.53	208.95	41.92	-60.17	1,662.57	-790.11	7,130.97	7,047.59	83.39	85.517			
15,700.00	7,850.00	7,550.00	7,276.53	211.58	41.92	-60.17	1,662.57	-790.11	7,229.68	7,146.20	83.48	86.601			
15,800.00	7,850.00	7,550.00	7,276.53	214.21	41.92	-60.17	1,662.57	-790.11	7,328.42	7,244.84	83.58	87.684			
15,900.00	7,850.00	7,550.00	7,276.53	216.85	41.92	-60.17	1,662.57	-790.11	7,427.19	7,343.52	83.67	88.766			
16,000.00	7,850.00	7,550.00	7,276.53	219.48	41.92	-60.17	1,662.57	-790.11	7,526.00	7,442.23	83.76	89.847			
16,100.00	7,850.00	7,550.00	7,276.53	222.12	41.92	-60.17	1,662.57	-790.11	7,624.84	7,540.98	83.86	90.926			
16,200.00	7,850.00	7,550.00	7,276.53	224.76	41.92	-60.17	1,662.57	-790.11	7,723.70	7,639.75	83.95	92.005			
16,300.00	7,850.00	7,550.00	7,276.53	227.39	41.92	-60.17	1,662.57	-790.11	7,822.60	7,738.56	84.04	93.082			
16,400.00	7,850.00	7,550.00	7,276.53	230.03	41.92	-60.17	1,662.57	-790.11	7,921.52	7,837.39	84.13	94.158			
16,500.00	7,850.00	7,550.00	7,276.53	232.68	41.92	-60.17	1,662.57	-790.11	8,020.47	7,936.25	84.22	95.233			
16,600.00	7,850.00	7,550.00	7,276.53	235.32	41.92	-60.17	1,662.57	-790.11	8,119.45	8,035.14	84.31	96.307			
16,700.00	7,850.00	7,550.00	7,276.53	237.96	41.92	-60.17	1,662.57	-790.11	8,218.45	8,134.05	84.40	97.379			
16,800.00	7,850.00	7,550.00	7,276.53	240.61	41.92	-60.17	1,662.57	-790.11	8,317.48	8,232.99	84.48	98.449			
16,900.00	7,850.00	7,550.00	7,276.53	243.26	41.92	-60.17	1,662.57	-790.11	8,416.52	8,331.95	84.57	99.519			
17,000.00	7,850.00	7,550.00	7,276.53	245.90	41.92	-60.17	1,662.57	-790.11	8,515.59	8,430.94	84.66	100.586			
17,100.00	7,850.00	7,550.00	7,276.53	248.55	41.92	-60.17	1,662.57	-790.11	8,614.69	8,529.94	84.75	101.653			
17,200.00	7,850.00	7,550.00	7,276.53	251.20	41.92	-60.17	1,662.57	-790.11	8,713.80	8,628.97	84.83	102.718			
17,300.00	7,850.00	7,550.00	7,276.53	253.85	41.92	-60.17	1,662.57	-790.11	8,812.93	8,728.01	84.92	103.781			
17,400.00	7,850.00	7,550.00	7,276.53	256.50	41.92	-60.17	1,662.57	-790.11	8,912.08	8,827.08	85.00	104.843			
17,500.00	7,850.00	7,550.00	7,276.53	259.16	41.92	-60.17	1,662.57	-790.11	9,011.25	8,926.16	85.09	105.903			
17,600.00	7,850.00	7,550.00	7,276.53	261.81	41.92	-60.17	1,662.57	-790.11	9,110.44	9,025.27	85.18	106.961			
17,700.00	7,850.00	7,550.00	7,276.53	264.47	41.92	-60.17	1,662.57	-790.11	9,209.65	9,124.39	85.26	108.018			
17,800.00	7,850.00	7,550.00	7,276.53	267.12	41.92	-60.17	1,662.57	-790.11	9,308.87	9,223.53	85.35	109.073			
17,900.00	7,850.00	7,550.00	7,276.53	269.78	41.92	-60.17	1,662.57	-790.11	9,408.11	9,322.68	85.43	110.127			
18,000.00	7,850.00	7,550.00	7,276.53	272.43	41.92	-60.17	1,662.57	-790.11	9,507.37	9,421.85	85.51	111.179			
18,100.00	7,850.00	7,550.00	7,276.53	275.09	41.92	-60.17	1,662.57	-790.11	9,606.64	9,521.04	85.60	112.229			
18,200.00	7,850.00	7,550.00	7,276.53	277.75	41.92	-60.17	1,662.57	-790.11	9,705.93	9,620.24	85.68	113.277			
18,300.00	7,850.00	7,550.00	7,276.53	280.41	41.92	-60.17	1,662.57	-790.11	9,805.23	9,719.46	85.77	114.324			
18,400.00	7,850.00	7,550.00	7,276.53	283.07	41.92	-60.17	1,662.57	-790.11	9,904.54	9,818.69	85.85	115.368			

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.50	-0.50	0.00	0.00	-179.87	-119.84	-0.28	119.84					
100.00	100.00	100.50	99.50	0.13	0.14	-179.87	-119.84	-0.28	119.84	119.57	0.27	442.810		
200.00	200.00	200.50	199.50	0.49	0.49	-179.87	-119.84	-0.28	119.84	118.86	0.99	121.351	CC, ES	
300.00	299.98	300.52	299.48	0.85	0.85	-172.95	-119.84	-0.28	121.58	119.87	1.71	71.250		
400.00	399.84	399.34	399.34	1.22	1.21	-173.23	-119.84	-0.28	126.77	124.35	2.43	52.246		
500.00	499.45	503.00	502.97	1.59	1.58	-173.24	-118.30	-1.31	133.94	130.78	3.16	42.409		
600.00	598.70	606.85	606.67	1.97	1.95	-172.57	-113.63	-4.42	141.56	137.67	3.89	36.362		
700.00	697.47	710.83	710.22	2.38	2.33	-171.34	-105.82	-9.61	149.67	145.03	4.64	32.290		
800.00	795.62	814.89	813.44	2.82	2.73	-169.65	-94.87	-16.89	158.34	152.95	5.39	29.370		
900.00	893.06	918.98	916.15	3.29	3.15	-167.57	-80.81	-26.25	167.70	161.53	6.17	27.191		
1,000.00	989.64	1,022.85	1,017.95	3.79	3.60	-165.22	-63.70	-37.63	177.85	170.88	6.97	25.506		
1,100.00	1,085.27	1,121.85	1,114.66	4.34	4.05	-163.15	-46.04	-49.38	190.36	182.55	7.81	24.388		
1,200.00	1,179.82	1,220.44	1,210.96	4.93	4.51	-161.61	-28.46	-61.07	206.34	197.68	8.66	23.823		
1,300.00	1,273.48	1,318.63	1,306.87	5.56	4.97	-160.56	-10.96	-72.72	224.88	215.35	9.53	23.592		
1,400.00	1,367.08	1,416.80	1,402.77	6.19	5.44	-159.72	6.55	-84.36	243.62	233.21	10.41	23.397		
1,500.00	1,460.69	1,514.97	1,498.66	6.84	5.91	-159.00	24.05	-96.01	262.40	251.09	11.30	23.211		
1,600.00	1,554.30	1,613.14	1,594.55	7.50	6.39	-158.38	41.56	-107.65	281.22	269.01	12.21	23.037		
1,700.00	1,647.90	1,711.31	1,690.45	8.15	6.87	-157.83	59.06	-119.30	300.06	286.94	13.12	22.874		
1,800.00	1,741.51	1,809.48	1,786.34	8.82	7.35	-157.35	76.57	-130.94	318.93	304.89	14.04	22.723		
1,900.00	1,835.12	1,907.66	1,882.23	9.48	7.84	-156.92	94.07	-142.59	337.82	322.86	14.96	22.583		
2,000.00	1,928.73	2,005.83	1,978.13	10.15	8.32	-156.54	111.58	-154.23	356.72	340.83	15.89	22.453		
2,100.00	2,022.33	2,104.00	2,074.02	10.82	8.81	-156.19	129.08	-165.88	375.64	358.82	16.82	22.333		
2,200.00	2,115.94	2,202.17	2,169.91	11.49	9.30	-155.88	146.58	-177.52	394.57	376.81	17.76	22.222		
2,300.00	2,209.55	2,300.34	2,265.80	12.16	9.79	-155.60	164.09	-189.17	413.51	394.81	18.69	22.119		
2,400.00	2,303.15	2,401.49	2,361.70	12.83	10.29	-155.34	181.59	-200.81	432.45	412.80	19.65	22.008		
2,500.00	2,396.76	2,503.32	2,457.59	13.51	10.80	-155.11	199.10	-212.46	451.41	430.80	20.61	21.902		
2,600.00	2,490.37	2,594.85	2,553.48	14.18	11.26	-154.89	216.60	-224.10	470.37	448.85	21.53	21.851		
2,700.00	2,583.97	2,706.98	2,649.38	14.86	11.82	-154.69	234.11	-235.75	489.34	466.80	22.54	21.711		
2,800.00	2,677.58	2,791.19	2,745.27	15.53	12.24	-154.50	251.61	-247.39	508.32	484.89	23.42	21.701		
2,900.00	2,771.19	2,889.36	2,841.16	16.21	12.73	-154.33	269.12	-259.04	527.29	502.92	24.37	21.633		
3,000.00	2,864.79	2,987.53	2,937.05	16.89	13.22	-154.17	286.62	-270.68	546.28	520.95	25.33	21.569		
3,100.00	2,958.40	3,085.70	3,032.95	17.57	13.72	-154.02	304.13	-282.33	565.27	538.98	26.28	21.509		
3,200.00	3,052.01	3,183.87	3,128.84	18.24	14.21	-153.88	321.63	-293.97	584.26	557.02	27.23	21.453		
3,300.00	3,145.62	3,282.04	3,224.73	18.92	14.70	-153.75	339.13	-305.62	603.25	575.06	28.19	21.399		
3,400.00	3,239.22	3,380.21	3,320.63	19.60	15.20	-153.63	356.64	-317.26	622.25	593.10	29.15	21.349		
3,500.00	3,332.83	3,478.39	3,416.52	20.28	15.69	-153.51	374.14	-328.91	641.24	611.14	30.10	21.301		
3,600.00	3,426.44	3,576.56	3,512.41	20.96	16.18	-153.40	391.65	-340.55	660.25	629.18	31.06	21.256		
3,700.00	3,520.04	3,674.73	3,608.31	21.64	16.68	-153.30	409.15	-352.20	679.25	647.23	32.02	21.213		
3,800.00	3,613.65	3,772.90	3,704.20	22.32	17.17	-153.20	426.66	-363.84	698.26	665.28	32.98	21.173		
3,900.00	3,707.26	3,871.07	3,800.09	23.00	17.67	-153.11	444.16	-375.48	717.26	683.32	33.94	21.134		
4,000.00	3,800.86	3,969.24	3,895.98	23.68	18.16	-153.02	461.67	-387.13	736.27	701.37	34.90	21.097		
4,100.00	3,894.47	4,067.41	3,991.88	24.36	18.65	-152.94	479.17	-398.77	755.28	719.42	35.86	21.062		
4,200.00	3,988.08	4,165.58	4,087.77	25.04	19.15	-152.86	496.67	-410.42	774.29	737.47	36.82	21.029		
4,300.00	4,081.68	4,263.75	4,183.66	25.72	19.64	-152.79	514.18	-422.06	793.31	755.53	37.78	20.997		
4,400.00	4,175.29	4,361.92	4,279.56	26.40	20.14	-152.71	531.68	-433.71	812.32	773.58	38.74	20.967		
4,500.00	4,268.90	4,460.09	4,375.45	27.08	20.63	-152.65	549.19	-445.35	831.34	791.63	39.71	20.937		
4,600.00	4,362.51	4,558.26	4,471.34	27.76	21.13	-152.58	566.69	-457.00	850.36	809.69	40.67	20.909		
4,700.00	4,456.11	4,656.43	4,567.24	28.44	21.62	-152.52	584.20	-468.64	869.37	827.74	41.63	20.883		
4,800.00	4,549.72	4,754.60	4,663.13	29.12	22.12	-152.46	601.70	-480.29	888.39	845.80	42.59	20.857		
4,900.00	4,643.33	4,852.77	4,759.02	29.80	22.61	-152.40	619.21	-491.93	907.41	863.85	43.56	20.832		
5,000.00	4,736.93	4,950.94	4,854.91	30.48	23.11	-152.35	636.71	-503.58	926.43	881.91	44.52	20.808		
5,100.00	4,830.54	5,049.11	4,950.81	31.16	23.60	-152.29	654.21	-515.22	945.46	899.97	45.49	20.786		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 2BH - OWB - PROPOSAL 1	Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG														Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,200.00	4,924.15	5,147.29	5,046.70	31.84	24.10	-152.24	671.72	-526.87	964.48	918.03	46.45	20.764			
5,300.00	5,017.75	5,245.46	5,142.59	32.52	24.59	-152.20	689.22	-538.51	983.50	936.09	47.41	20.742			
5,400.00	5,111.36	5,343.63	5,238.49	33.20	25.09	-152.15	706.73	-550.16	1,002.52	954.14	48.38	20.722			
5,500.00	5,204.97	5,441.80	5,334.38	33.88	25.58	-152.10	724.23	-561.80	1,021.55	972.20	49.34	20.702			
5,600.00	5,298.57	5,539.97	5,430.27	34.56	26.08	-152.06	741.74	-573.45	1,040.57	990.26	50.31	20.683			
5,700.00	5,392.18	5,638.14	5,526.17	35.25	26.58	-152.02	759.24	-585.09	1,059.60	1,008.32	51.27	20.665			
5,800.00	5,485.79	5,736.31	5,622.06	35.93	27.07	-151.98	776.75	-596.74	1,078.62	1,026.38	52.24	20.647			
5,900.00	5,579.40	5,834.48	5,717.95	36.61	27.57	-151.94	794.25	-608.38	1,097.65	1,044.44	53.21	20.630			
6,000.00	5,673.00	5,932.65	5,813.84	37.29	28.06	-151.90	811.76	-620.03	1,116.68	1,062.51	54.17	20.614			
6,100.00	5,766.61	6,030.82	5,909.74	37.97	28.56	-151.86	829.26	-631.67	1,135.70	1,080.57	55.14	20.598			
6,200.00	5,860.22	6,128.99	6,005.63	38.65	29.05	-151.83	846.76	-643.32	1,154.73	1,098.63	56.10	20.582			
6,300.00	5,953.82	6,227.16	6,101.52	39.33	29.55	-151.80	864.27	-654.96	1,173.76	1,116.69	57.07	20.567			
6,400.00	6,047.43	6,325.33	6,197.42	40.02	30.04	-151.76	881.77	-666.61	1,192.79	1,134.75	58.04	20.552			
6,500.00	6,141.04	6,423.50	6,293.31	40.70	30.54	-151.73	899.28	-678.25	1,211.82	1,152.81	59.00	20.538			
6,600.00	6,234.64	6,521.67	6,389.20	41.38	31.04	-151.70	916.78	-689.89	1,230.85	1,170.88	59.97	20.524			
6,700.00	6,328.25	6,619.84	6,485.09	42.06	31.53	-151.67	934.29	-701.54	1,249.88	1,188.94	60.94	20.511			
6,800.00	6,421.86	6,718.02	6,580.99	42.74	32.03	-151.64	951.79	-713.18	1,268.91	1,207.00	61.90	20.498			
6,900.00	6,515.47	6,816.19	6,676.88	43.42	32.52	-151.61	969.30	-724.83	1,287.94	1,225.07	62.87	20.485			
7,000.00	6,609.07	6,914.36	6,772.77	44.10	33.02	-151.59	986.80	-736.47	1,306.97	1,243.13	63.84	20.473			
7,100.00	6,702.68	7,012.53	6,868.67	44.79	33.51	-151.56	1,004.30	-748.12	1,326.00	1,261.19	64.81	20.461			
7,200.00	6,796.29	7,110.70	6,964.56	45.47	34.01	-151.53	1,021.81	-759.76	1,345.03	1,279.26	65.77	20.450			
7,300.00	6,889.89	7,208.87	7,060.45	46.15	34.51	-151.51	1,039.31	-771.41	1,364.06	1,297.32	66.74	20.438			
7,400.00	6,983.50	7,307.04	7,156.35	46.83	35.00	-151.48	1,056.82	-783.05	1,383.09	1,315.38	67.71	20.427			
7,500.00	7,077.11	7,576.64	7,419.77	47.51	36.08	-152.85	1,104.07	-777.59	1,399.88	1,331.05	68.84	20.336 SF			
7,600.00	7,170.71	7,935.86	7,715.75	48.19	36.37	-161.37	1,153.12	-590.90	1,398.12	1,332.21	65.91	21.214			
7,700.00	7,264.32	8,076.38	7,791.57	48.88	36.24	-166.37	1,164.12	-473.52	1,392.52	1,327.18	65.35	21.310			
7,777.34	7,336.66	8,128.91	7,812.34	49.40	36.17	-163.94	1,166.78	-425.36	1,390.90	1,325.27	65.63	21.195			
7,800.00	7,357.90	8,141.80	7,816.76	49.56	36.16	-163.10	1,167.31	-413.26	1,391.16	1,325.43	65.73	21.165			
7,900.00	7,450.12	8,163.08	7,823.48	50.26	36.12	-141.77	1,168.06	-393.08	1,395.27	1,329.08	66.19	21.080			
8,000.00	7,538.18	8,157.97	7,821.93	50.97	36.13	-126.60	1,167.89	-397.95	1,405.22	1,338.81	66.41	21.158			
8,100.00	7,619.40	8,138.82	7,815.76	51.66	36.16	-115.81	1,167.19	-416.07	1,420.48	1,354.13	66.35	21.409			
8,200.00	7,691.32	8,111.46	7,805.92	52.34	36.20	-107.53	1,165.99	-441.56	1,439.90	1,373.86	66.04	21.804			
8,300.00	7,751.74	8,078.98	7,792.70	53.00	36.24	-100.77	1,164.27	-471.18	1,462.08	1,396.51	65.57	22.299			
8,400.00	7,798.84	8,043.13	7,776.22	53.64	36.28	-95.12	1,162.02	-502.93	1,485.55	1,420.51	65.03	22.843			
8,500.00	7,831.18	8,000.00	7,753.87	54.26	36.33	-90.29	1,158.82	-539.66	1,508.90	1,444.37	64.53	23.381			
8,600.00	7,847.78	7,965.21	7,733.89	54.86	36.35	-86.68	1,155.86	-567.99	1,530.79	1,466.63	64.16	23.858			
8,700.00	7,850.00	7,924.94	7,708.72	55.46	36.38	-84.67	1,152.04	-599.17	1,550.97	1,487.04	63.93	24.260			
8,800.00	7,850.00	7,888.46	7,684.11	56.13	36.39	-83.76	1,148.21	-625.82	1,574.46	1,510.67	63.79	24.683			
8,900.00	7,850.00	7,850.00	7,656.42	56.90	36.40	-82.75	1,143.81	-652.13	1,602.35	1,538.67	63.68	25.162			
9,000.00	7,850.00	7,827.34	7,639.31	57.76	36.39	-82.13	1,141.07	-666.74	1,634.59	1,570.84	63.75	25.643			
9,100.00	7,850.00	7,800.00	7,617.94	58.72	36.39	-81.36	1,137.60	-683.43	1,671.20	1,607.36	63.84	26.179			
9,200.00	7,850.00	7,778.95	7,600.97	59.79	36.37	-80.75	1,134.82	-695.57	1,712.03	1,647.99	64.04	26.732			
9,300.00	7,850.00	7,750.00	7,576.94	60.96	36.36	-79.90	1,130.84	-711.21	1,756.98	1,692.76	64.22	27.360			
9,400.00	7,850.00	7,750.00	7,576.94	62.23	36.36	-79.90	1,130.84	-711.21	1,805.75	1,741.01	64.75	27.890			
9,500.00	7,850.00	7,723.67	7,554.44	63.60	36.33	-79.11	1,127.09	-724.36	1,858.06	1,793.04	65.02	28.578			
9,600.00	7,850.00	7,700.00	7,533.73	65.07	36.31	-78.40	1,123.61	-735.27	1,913.90	1,848.57	65.34	29.293			
9,700.00	7,850.00	7,700.00	7,533.73	66.63	36.31	-78.40	1,123.61	-735.27	1,972.81	1,906.86	65.95	29.915			
9,800.00	7,850.00	7,682.83	7,518.43	68.28	36.28	-77.87	1,121.03	-742.64	2,034.67	1,968.31	66.36	30.661			
9,900.00	7,850.00	7,671.54	7,508.27	70.00	36.27	-77.52	1,119.30	-747.23	2,099.26	2,032.42	66.84	31.406			
10,000.00	7,850.00	7,650.00	7,488.63	71.80	36.23	-76.86	1,115.95	-755.42	2,166.45	2,099.26	67.19	32.241			
10,100.00	7,850.00	7,650.00	7,488.63	73.67	36.23	-76.86	1,115.95	-755.42	2,235.72	2,167.93	67.79	32.981			
10,200.00	7,850.00	7,650.00	7,488.63	75.60	36.23	-76.86	1,115.95	-755.42	2,307.24	2,238.88	68.36	33.750			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,300.00	7,850.00	7,650.00	7,488.63	77.59	36.23	-76.86	1,115.95	-755.42	2,380.82	2,311.90	68.91	34.548			
10,400.00	7,850.00	7,627.32	7,467.65	79.62	36.19	-76.15	1,112.35	-763.22	2,455.79	2,386.59	69.20	35.489			
10,500.00	7,850.00	7,620.35	7,461.13	81.71	36.18	-75.94	1,111.23	-765.46	2,532.60	2,462.96	69.64	36.370			
10,600.00	7,850.00	7,600.00	7,441.99	83.83	36.14	-75.30	1,107.93	-771.50	2,611.07	2,541.16	69.91	37.347			
10,700.00	7,850.00	7,600.00	7,441.99	86.00	36.14	-75.30	1,107.93	-771.50	2,690.61	2,620.23	70.38	38.229			
10,800.00	7,850.00	7,600.00	7,441.99	88.20	36.14	-75.30	1,107.93	-771.50	2,771.48	2,700.65	70.83	39.130			
10,900.00	7,850.00	7,600.00	7,441.99	90.43	36.14	-75.30	1,107.93	-771.50	2,853.56	2,782.32	71.25	40.051			
11,000.00	7,850.00	7,600.00	7,441.99	92.69	36.14	-75.30	1,107.93	-771.50	2,936.76	2,865.11	71.65	40.990			
11,100.00	7,850.00	7,600.00	7,441.99	94.98	36.14	-75.30	1,107.93	-771.50	3,020.97	2,948.94	72.02	41.944			
11,200.00	7,850.00	7,600.00	7,441.99	97.29	36.14	-75.30	1,107.93	-771.50	3,106.12	3,033.74	72.38	42.914			
11,300.00	7,850.00	7,578.52	7,421.57	99.62	36.08	-74.63	1,104.38	-777.13	3,191.69	3,119.15	72.54	43.999			
11,400.00	7,850.00	7,574.58	7,417.80	101.98	36.07	-74.51	1,103.72	-778.08	3,278.32	3,205.49	72.83	45.011			
11,500.00	7,850.00	7,570.84	7,414.22	104.35	36.07	-74.40	1,103.10	-778.96	3,365.67	3,292.55	73.11	46.033			
11,600.00	7,850.00	7,550.00	7,394.17	106.74	36.01	-73.75	1,099.59	-783.40	3,453.96	3,380.71	73.25	47.155			
11,700.00	7,850.00	7,550.00	7,394.17	109.15	36.01	-73.75	1,099.59	-783.40	3,542.48	3,468.95	73.53	48.176			
11,800.00	7,850.00	7,550.00	7,394.17	111.57	36.01	-73.75	1,099.59	-783.40	3,631.60	3,557.79	73.80	49.207			
11,900.00	7,850.00	7,550.00	7,394.17	114.01	36.01	-73.75	1,099.59	-783.40	3,721.27	3,647.21	74.06	50.246			
12,000.00	7,850.00	7,550.00	7,394.17	116.46	36.01	-73.75	1,099.59	-783.40	3,811.45	3,737.15	74.31	51.293			
12,100.00	7,850.00	7,550.00	7,394.17	118.92	36.01	-73.75	1,099.59	-783.40	3,902.12	3,827.58	74.54	52.348			
12,200.00	7,850.00	7,550.00	7,394.17	121.39	36.01	-73.75	1,099.59	-783.40	3,993.23	3,918.46	74.77	53.410			
12,300.00	7,850.00	7,550.00	7,394.17	123.88	36.01	-73.75	1,099.59	-783.40	4,084.75	4,009.77	74.98	54.478			
12,400.00	7,850.00	7,550.00	7,394.17	126.37	36.01	-73.75	1,099.59	-783.40	4,176.67	4,101.48	75.19	55.551			
12,500.00	7,850.00	7,550.00	7,394.17	128.87	36.01	-73.75	1,099.59	-783.40	4,268.94	4,193.56	75.38	56.630			
12,600.00	7,850.00	7,550.00	7,394.17	131.38	36.01	-73.75	1,099.59	-783.40	4,361.56	4,285.99	75.57	57.714			
12,700.00	7,850.00	7,550.00	7,394.17	133.90	36.01	-73.75	1,099.59	-783.40	4,454.50	4,378.75	75.75	58.803			
12,800.00	7,850.00	7,550.00	7,394.17	136.42	36.01	-73.75	1,099.59	-783.40	4,547.74	4,471.81	75.93	59.895			
12,900.00	7,850.00	7,550.00	7,394.17	138.96	36.01	-73.75	1,099.59	-783.40	4,641.26	4,565.16	76.10	60.992			
13,000.00	7,850.00	7,550.00	7,394.17	141.49	36.01	-73.75	1,099.59	-783.40	4,735.04	4,658.78	76.26	62.092			
13,100.00	7,850.00	7,550.00	7,394.17	144.04	36.01	-73.75	1,099.59	-783.40	4,829.07	4,752.66	76.42	63.195			
13,200.00	7,850.00	7,550.00	7,394.17	146.59	36.01	-73.75	1,099.59	-783.40	4,923.34	4,846.77	76.57	64.301			
13,300.00	7,850.00	7,526.82	7,371.69	149.15	35.94	-73.03	1,095.64	-787.47	5,017.33	4,940.74	76.59	65.512			
13,400.00	7,850.00	7,525.20	7,370.12	151.71	35.94	-72.98	1,095.36	-787.72	5,111.95	5,035.23	76.72	66.630			
13,500.00	7,850.00	7,523.64	7,368.60	154.27	35.94	-72.93	1,095.10	-787.96	5,206.78	5,129.92	76.85	67.749			
13,600.00	7,850.00	7,522.14	7,367.14	156.84	35.93	-72.89	1,094.84	-788.18	5,301.79	5,224.80	76.98	68.870			
13,700.00	7,850.00	7,500.00	7,345.52	159.42	35.86	-72.21	1,091.01	-791.03	5,397.37	5,320.37	77.00	70.097			
13,800.00	7,850.00	7,500.00	7,345.52	162.00	35.86	-72.21	1,091.01	-791.03	5,492.67	5,415.54	77.13	71.214			
13,900.00	7,850.00	7,500.00	7,345.52	164.58	35.86	-72.21	1,091.01	-791.03	5,588.14	5,510.88	77.26	72.332			
14,000.00	7,850.00	7,500.00	7,345.52	167.17	35.86	-72.21	1,091.01	-791.03	5,683.76	5,606.38	77.38	73.452			
14,100.00	7,850.00	7,500.00	7,345.52	169.76	35.86	-72.21	1,091.01	-791.03	5,779.53	5,702.02	77.50	74.572			
14,200.00	7,850.00	7,500.00	7,345.52	172.35	35.86	-72.21	1,091.01	-791.03	5,875.44	5,797.82	77.62	75.694			
14,300.00	7,850.00	7,500.00	7,345.52	174.95	35.86	-72.21	1,091.01	-791.03	5,971.48	5,893.74	77.74	76.817			
14,400.00	7,850.00	7,500.00	7,345.52	177.55	35.86	-72.21	1,091.01	-791.03	6,067.65	5,989.80	77.85	77.941			
14,500.00	7,850.00	7,500.00	7,345.52	180.15	35.86	-72.21	1,091.01	-791.03	6,163.95	6,085.99	77.96	79.065			
14,600.00	7,850.00	7,500.00	7,345.52	182.76	35.86	-72.21	1,091.01	-791.03	6,260.36	6,182.29	78.07	80.189			
14,700.00	7,850.00	7,500.00	7,345.52	185.37	35.86	-72.21	1,091.01	-791.03	6,356.88	6,278.70	78.18	81.314			
14,800.00	7,850.00	7,500.00	7,345.52	187.98	35.86	-72.21	1,091.01	-791.03	6,453.50	6,375.22	78.28	82.440			
14,900.00	7,850.00	7,500.00	7,345.52	190.59	35.86	-72.21	1,091.01	-791.03	6,550.23	6,471.85	78.38	83.565			
15,000.00	7,850.00	7,500.00	7,345.52	193.21	35.86	-72.21	1,091.01	-791.03	6,647.06	6,568.57	78.49	84.691			
15,100.00	7,850.00	7,500.00	7,345.52	195.83	35.86	-72.21	1,091.01	-791.03	6,743.97	6,665.39	78.59	85.816			
15,200.00	7,850.00	7,500.00	7,345.52	198.45	35.86	-72.21	1,091.01	-791.03	6,840.98	6,762.30	78.68	86.942			
15,300.00	7,850.00	7,500.00	7,345.52	201.07	35.86	-72.21	1,091.01	-791.03	6,938.07	6,859.29	78.78	88.067			
15,400.00	7,850.00	7,500.00	7,345.52	203.70	35.86	-72.21	1,091.01	-791.03	7,035.24	6,956.37	78.88	89.192			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,850.00	7,500.00	7,345.52	206.32	35.86	-72.21	1,091.01	-791.03	7,132.49	7,053.52	78.97	90.317		
15,600.00	7,850.00	7,500.00	7,345.52	208.95	35.86	-72.21	1,091.01	-791.03	7,229.82	7,150.76	79.07	91.441		
15,700.00	7,850.00	7,500.00	7,345.52	211.58	35.86	-72.21	1,091.01	-791.03	7,327.22	7,248.06	79.16	92.564		
15,800.00	7,850.00	7,500.00	7,345.52	214.21	35.86	-72.21	1,091.01	-791.03	7,424.69	7,345.44	79.25	93.688		
15,900.00	7,850.00	7,500.00	7,345.52	216.85	35.86	-72.21	1,091.01	-791.03	7,522.22	7,442.88	79.34	94.810		
16,000.00	7,850.00	7,500.00	7,345.52	219.48	35.86	-72.21	1,091.01	-791.03	7,619.82	7,540.39	79.43	95.932		
16,100.00	7,850.00	7,500.00	7,345.52	222.12	35.86	-72.21	1,091.01	-791.03	7,717.48	7,637.96	79.52	97.053		
16,200.00	7,850.00	7,500.00	7,345.52	224.76	35.86	-72.21	1,091.01	-791.03	7,815.19	7,735.59	79.61	98.173		
16,300.00	7,850.00	7,500.00	7,345.52	227.39	35.86	-72.21	1,091.01	-791.03	7,912.97	7,833.28	79.69	99.292		
16,400.00	7,850.00	7,500.00	7,345.52	230.03	35.86	-72.21	1,091.01	-791.03	8,010.80	7,931.02	79.78	100.410		
16,500.00	7,850.00	7,500.00	7,345.52	232.68	35.86	-72.21	1,091.01	-791.03	8,108.68	8,028.82	79.87	101.528		
16,600.00	7,850.00	7,500.00	7,345.52	235.32	35.86	-72.21	1,091.01	-791.03	8,206.62	8,126.66	79.95	102.644		
16,700.00	7,850.00	7,500.00	7,345.52	237.96	35.86	-72.21	1,091.01	-791.03	8,304.60	8,224.56	80.04	103.759		
16,800.00	7,850.00	7,500.00	7,345.52	240.61	35.86	-72.21	1,091.01	-791.03	8,402.63	8,322.51	80.12	104.873		
16,900.00	7,850.00	7,500.00	7,345.52	243.26	35.86	-72.21	1,091.01	-791.03	8,500.71	8,420.50	80.21	105.986		
17,000.00	7,850.00	7,500.00	7,345.52	245.90	35.86	-72.21	1,091.01	-791.03	8,598.83	8,518.54	80.29	107.097		
17,100.00	7,850.00	7,500.00	7,345.52	248.55	35.86	-72.21	1,091.01	-791.03	8,696.99	8,616.62	80.37	108.208		
17,200.00	7,850.00	7,500.00	7,345.52	251.20	35.86	-72.21	1,091.01	-791.03	8,795.20	8,714.74	80.46	109.317		
17,300.00	7,850.00	7,500.00	7,345.52	253.85	35.86	-72.21	1,091.01	-791.03	8,893.44	8,812.90	80.54	110.424		
17,400.00	7,850.00	7,500.00	7,345.52	256.50	35.86	-72.21	1,091.01	-791.03	8,991.73	8,911.11	80.62	111.531		
17,500.00	7,850.00	7,500.00	7,345.52	259.16	35.86	-72.21	1,091.01	-791.03	9,090.05	9,009.35	80.70	112.635		
17,600.00	7,850.00	7,500.00	7,345.52	261.81	35.86	-72.21	1,091.01	-791.03	9,188.41	9,107.62	80.79	113.739		
17,700.00	7,850.00	7,500.00	7,345.52	264.47	35.86	-72.21	1,091.01	-791.03	9,286.80	9,205.93	80.87	114.841		
17,800.00	7,850.00	7,500.00	7,345.52	267.12	35.86	-72.21	1,091.01	-791.03	9,385.23	9,304.28	80.95	115.941		
17,900.00	7,850.00	7,500.00	7,345.52	269.78	35.86	-72.21	1,091.01	-791.03	9,483.68	9,402.66	81.03	117.040		
18,000.00	7,850.00	7,500.00	7,345.52	272.43	35.86	-72.21	1,091.01	-791.03	9,582.18	9,501.07	81.11	118.137		
18,100.00	7,850.00	7,500.00	7,345.52	275.09	35.86	-72.21	1,091.01	-791.03	9,680.70	9,599.51	81.19	119.232		
18,200.00	7,850.00	7,500.00	7,345.52	277.75	35.86	-72.21	1,091.01	-791.03	9,779.25	9,697.98	81.27	120.326		
18,300.00	7,850.00	7,500.00	7,345.52	280.41	35.86	-72.21	1,091.01	-791.03	9,877.83	9,796.48	81.35	121.418		
18,400.00	7,850.00	7,500.00	7,345.52	283.07	35.86	-72.21	1,091.01	-791.03	9,976.44	9,895.01	81.43	122.509		

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.40	-0.40	0.00	0.00	-179.88	-139.88	-0.28	139.88					
100.00	100.00	100.40	99.60	0.13	0.14	-179.88	-139.88	-0.28	139.88	139.61	0.27	517.521		
200.00	200.00	200.40	199.60	0.49	0.49	-179.88	-139.88	-0.28	139.88	138.89	0.99	141.689	CC, ES	
300.00	299.98	300.42	299.58	0.85	0.85	-172.96	-139.88	-0.28	141.61	139.91	1.71	83.009		
400.00	399.84	400.56	399.44	1.22	1.21	-173.20	-139.88	-0.28	146.81	144.38	2.43	60.393		
500.00	499.45	499.05	499.05	1.59	1.56	-173.56	-139.88	-0.28	155.46	152.31	3.15	49.331		
600.00	598.70	602.34	602.32	1.97	1.93	-173.56	-138.66	-1.64	166.39	162.50	3.88	42.846		
700.00	697.47	705.78	705.60	2.38	2.30	-172.79	-134.95	-5.78	178.35	173.73	4.62	38.609		
800.00	795.62	809.23	808.63	2.82	2.68	-171.42	-128.74	-12.69	191.41	186.05	5.37	35.667		
900.00	893.06	912.60	911.18	3.29	3.07	-169.56	-120.07	-22.36	205.71	199.58	6.13	33.541		
1,000.00	989.64	1,013.70	1,011.00	3.79	3.48	-167.48	-109.41	-34.23	221.60	214.68	6.92	32.025		
1,100.00	1,085.27	1,111.64	1,107.63	4.34	3.88	-165.78	-98.71	-46.15	240.72	233.00	7.72	31.182		
1,200.00	1,179.82	1,208.93	1,203.60	4.93	4.29	-164.49	-88.09	-57.99	263.29	254.75	8.53	30.848		
1,300.00	1,273.48	1,305.64	1,299.02	5.56	4.70	-163.62	-77.52	-69.76	288.39	279.03	9.36	30.810		
1,400.00	1,367.08	1,402.33	1,394.40	6.19	5.11	-162.93	-66.96	-81.53	313.69	303.50	10.19	30.783		
1,500.00	1,460.69	1,499.01	1,489.78	6.84	5.53	-162.34	-56.40	-93.30	339.03	328.00	11.03	30.736		
1,600.00	1,554.30	1,604.30	1,585.17	7.50	5.99	-161.84	-45.83	-105.07	364.39	352.48	11.91	30.584		
1,700.00	1,647.90	1,692.38	1,680.55	8.15	6.37	-161.40	-35.27	-116.84	389.78	377.04	12.73	30.613		
1,800.00	1,741.51	1,789.06	1,775.93	8.82	6.79	-161.01	-24.71	-128.60	415.18	401.59	13.59	30.545		
1,900.00	1,835.12	1,885.75	1,871.31	9.48	7.22	-160.67	-14.15	-140.37	440.60	426.15	14.46	30.477		
2,000.00	1,928.73	1,982.43	1,966.69	10.15	7.65	-160.37	-3.59	-152.14	466.04	450.71	15.32	30.410		
2,100.00	2,022.33	2,079.11	2,062.07	10.82	8.07	-160.09	6.97	-163.91	491.48	475.29	16.20	30.345		
2,200.00	2,115.94	2,175.80	2,157.46	11.49	8.50	-159.85	17.54	-175.68	516.94	499.86	17.07	30.282		
2,300.00	2,209.55	2,272.48	2,252.84	12.16	8.93	-159.63	28.10	-187.45	542.40	524.45	17.95	30.221		
2,400.00	2,303.15	2,369.16	2,348.22	12.83	9.36	-159.42	38.66	-199.21	567.87	549.04	18.83	30.163		
2,500.00	2,396.76	2,465.85	2,443.60	13.51	9.79	-159.24	49.22	-210.98	593.34	573.64	19.71	30.107		
2,600.00	2,490.37	2,562.53	2,538.98	14.18	10.22	-159.07	59.78	-222.75	618.82	598.23	20.59	30.054		
2,700.00	2,583.97	2,659.21	2,634.36	14.86	10.65	-158.91	70.34	-234.52	644.31	622.84	21.47	30.004		
2,800.00	2,677.58	2,755.90	2,729.75	15.53	11.08	-158.77	80.91	-246.29	669.80	647.44	22.36	29.956		
2,900.00	2,771.19	2,852.58	2,825.13	16.21	11.51	-158.63	91.47	-258.05	695.29	672.05	23.25	29.911		
3,000.00	2,864.79	2,949.27	2,920.51	16.89	11.94	-158.51	102.03	-269.82	720.79	696.66	24.13	29.867		
3,100.00	2,958.40	3,045.95	3,015.89	17.57	12.38	-158.39	112.59	-281.59	746.29	721.27	25.02	29.826		
3,200.00	3,052.01	3,142.63	3,111.27	18.24	12.81	-158.28	123.15	-293.36	771.79	745.88	25.91	29.787		
3,300.00	3,145.62	3,239.32	3,206.65	18.92	13.24	-158.18	133.71	-305.13	797.30	770.49	26.80	29.749		
3,400.00	3,239.22	3,336.00	3,302.04	19.60	13.67	-158.09	144.28	-316.90	822.80	795.11	27.69	29.714		
3,500.00	3,332.83	3,432.68	3,397.42	20.28	14.11	-158.00	154.84	-328.66	848.31	819.73	28.58	29.679		
3,600.00	3,426.44	3,529.37	3,492.80	20.96	14.54	-157.91	165.40	-340.43	873.82	844.35	29.47	29.647		
3,700.00	3,520.04	3,626.05	3,588.18	21.64	14.97	-157.83	175.96	-352.20	899.33	868.97	30.37	29.616		
3,800.00	3,613.65	3,722.73	3,683.56	22.32	15.41	-157.76	186.52	-363.97	924.85	893.59	31.26	29.586		
3,900.00	3,707.26	3,819.42	3,778.94	23.00	15.84	-157.69	197.08	-375.74	950.36	918.21	32.15	29.557		
4,000.00	3,800.86	3,916.10	3,874.33	23.68	16.27	-157.62	207.65	-387.50	975.88	942.83	33.05	29.530		
4,100.00	3,894.47	4,012.78	3,969.71	24.36	16.71	-157.56	218.21	-399.27	1,001.40	967.46	33.94	29.504		
4,200.00	3,988.08	4,109.47	4,065.09	25.04	17.14	-157.49	228.77	-411.04	1,026.92	992.08	34.84	29.479		
4,300.00	4,081.68	4,206.15	4,160.47	25.72	17.57	-157.44	239.33	-422.81	1,052.44	1,016.71	35.73	29.454		
4,400.00	4,175.29	4,302.83	4,255.85	26.40	18.01	-157.38	249.89	-434.58	1,077.96	1,041.33	36.63	29.431		
4,500.00	4,268.90	4,400.48	4,351.23	27.08	18.45	-157.33	260.45	-446.34	1,103.48	1,065.95	37.53	29.406		
4,600.00	4,362.51	4,503.80	4,446.62	27.76	18.91	-157.28	271.02	-458.11	1,129.00	1,090.55	38.45	29.362		
4,700.00	4,456.11	4,592.89	4,542.00	28.44	19.31	-157.23	281.58	-469.88	1,154.52	1,115.21	39.31	29.367		
4,800.00	4,549.72	4,689.57	4,637.38	29.12	19.74	-157.19	292.14	-481.65	1,180.05	1,139.84	40.21	29.347		
4,900.00	4,643.33	4,786.25	4,732.76	29.80	20.18	-157.14	302.70	-493.42	1,205.57	1,164.47	41.11	29.328		
5,000.00	4,736.93	4,882.94	4,828.14	30.48	20.61	-157.10	313.26	-505.19	1,231.10	1,189.09	42.00	29.309		
5,100.00	4,830.54	4,979.62	4,923.52	31.16	21.04	-157.06	323.82	-516.95	1,256.62	1,213.72	42.90	29.291		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	5,076.30	5,018.91	31.84	21.48	-157.02	334.39	-528.72	1,282.15	1,238.35	43.80	29.274		
5,300.00	5,017.75	5,172.99	5,114.29	32.52	21.91	-156.98	344.95	-540.49	1,307.68	1,262.98	44.70	29.257		
5,400.00	5,111.36	5,269.67	5,209.67	33.20	22.35	-156.95	355.51	-552.26	1,333.21	1,287.61	45.59	29.241		
5,500.00	5,204.97	5,366.35	5,305.05	33.88	22.78	-156.91	366.07	-564.03	1,358.73	1,312.24	46.49	29.225		
5,600.00	5,298.57	5,463.04	5,400.43	34.56	23.22	-156.88	376.63	-575.79	1,384.26	1,336.87	47.39	29.210		
5,700.00	5,392.18	5,559.72	5,495.82	35.25	23.65	-156.85	387.19	-587.56	1,409.79	1,361.50	48.29	29.195		
5,800.00	5,485.79	5,656.40	5,591.20	35.93	24.09	-156.82	397.76	-599.33	1,435.32	1,386.13	49.19	29.181		
5,900.00	5,579.40	5,753.09	5,686.58	36.61	24.52	-156.79	408.32	-611.10	1,460.85	1,410.76	50.09	29.167		
6,000.00	5,673.00	5,849.77	5,781.96	37.29	24.95	-156.76	418.88	-622.87	1,486.38	1,435.40	50.98	29.154		
6,100.00	5,766.61	5,946.46	5,877.34	37.97	25.39	-156.73	429.44	-634.64	1,511.91	1,460.03	51.88	29.140		
6,200.00	5,860.22	6,043.14	5,972.72	38.65	25.82	-156.70	440.00	-646.40	1,537.44	1,484.66	52.78	29.128		
6,300.00	5,953.82	6,139.82	6,068.11	39.33	26.26	-156.68	450.56	-658.17	1,562.97	1,509.29	53.68	29.115		
6,400.00	6,047.43	6,236.51	6,163.49	40.02	26.69	-156.65	461.13	-669.94	1,588.50	1,533.92	54.58	29.103		
6,500.00	6,141.04	6,333.19	6,258.87	40.70	27.13	-156.63	471.69	-681.71	1,614.03	1,558.55	55.48	29.092		
6,600.00	6,234.64	6,429.87	6,354.25	41.38	27.56	-156.60	482.25	-693.48	1,639.57	1,583.19	56.38	29.080		
6,700.00	6,328.25	6,526.56	6,449.63	42.06	28.00	-156.58	492.81	-705.24	1,665.10	1,607.82	57.28	29.069		
6,800.00	6,421.86	6,623.24	6,545.01	42.74	28.43	-156.56	503.37	-717.01	1,690.63	1,632.45	58.18	29.058		
6,900.00	6,515.47	6,719.92	6,640.40	43.42	28.87	-156.54	513.93	-728.78	1,716.16	1,657.08	59.08	29.048		
7,000.00	6,609.07	6,816.61	6,735.78	44.10	29.30	-156.52	524.50	-740.55	1,741.70	1,681.72	59.98	29.038		
7,100.00	6,702.68	6,913.29	6,831.16	44.79	29.74	-156.50	535.06	-752.32	1,767.23	1,706.35	60.88	29.027		
7,200.00	6,796.29	7,009.97	6,926.54	45.47	30.17	-156.48	545.62	-764.08	1,792.76	1,730.98	61.78	29.018		
7,300.00	6,889.89	7,106.66	7,021.92	46.15	30.60	-156.46	556.18	-775.85	1,818.30	1,755.61	62.68	29.008		
7,400.00	6,983.50	7,203.34	7,117.30	46.83	31.04	-156.44	566.74	-787.62	1,843.83	1,780.25	63.58	28.999		
7,500.00	7,077.11	7,641.85	7,532.61	47.51	32.01	-160.66	611.00	-693.85	1,862.27	1,798.05	64.22	28.998 SF		
7,600.00	7,170.71	7,887.01	7,698.46	48.19	31.98	-166.48	627.00	-516.56	1,868.95	1,805.49	63.46	29.451		
7,700.00	7,264.32	7,982.98	7,740.59	48.88	31.98	-169.19	630.58	-430.53	1,876.71	1,812.97	63.73	29.447		
7,800.00	7,357.90	8,030.61	7,756.04	49.56	32.01	-164.50	631.73	-385.51	1,888.53	1,824.38	64.14	29.442		
7,900.00	7,450.12	8,044.02	7,759.72	50.26	32.02	-141.51	631.97	-372.62	1,904.53	1,840.08	64.45	29.551		
8,000.00	7,538.18	8,035.11	7,757.31	50.97	32.01	-125.26	631.81	-381.20	1,924.33	1,859.74	64.59	29.795		
8,100.00	7,619.40	8,013.85	7,751.03	51.66	31.99	-113.84	631.37	-401.50	1,947.03	1,882.47	64.56	30.157		
8,200.00	7,691.32	7,985.19	7,741.39	52.34	31.98	-105.29	630.64	-428.48	1,971.45	1,907.02	64.43	30.600		
8,300.00	7,751.74	7,950.00	7,727.73	53.00	31.98	-98.53	629.53	-460.88	1,996.28	1,932.05	64.23	31.080		
8,400.00	7,798.84	7,915.36	7,712.39	53.64	31.98	-93.21	628.23	-491.90	2,020.28	1,956.22	64.06	31.540		
8,500.00	7,831.18	7,876.77	7,693.13	54.26	31.99	-88.99	626.52	-525.30	2,042.27	1,978.33	63.94	31.940		
8,600.00	7,847.78	7,836.72	7,670.84	54.86	32.00	-85.85	624.48	-558.49	2,061.21	1,997.28	63.93	32.243		
8,700.00	7,850.00	7,800.00	7,648.42	55.46	32.01	-84.36	622.38	-587.49	2,077.08	2,013.05	64.03	32.437		
8,800.00	7,850.00	7,750.00	7,615.02	56.13	32.02	-83.45	619.17	-624.54	2,095.24	2,031.06	64.18	32.645		
8,900.00	7,850.00	7,726.76	7,598.43	56.90	32.02	-82.99	617.55	-640.73	2,116.69	2,052.26	64.44	32.848		
9,000.00	7,850.00	7,700.00	7,578.54	57.76	32.02	-82.45	615.59	-658.52	2,141.67	2,076.94	64.73	33.086		
9,100.00	7,850.00	7,671.57	7,556.52	58.72	32.02	-81.85	613.40	-676.38	2,170.14	2,105.09	65.05	33.359		
9,200.00	7,850.00	7,650.00	7,539.25	59.79	32.01	-81.39	611.67	-689.18	2,202.12	2,136.68	65.43	33.654		
9,300.00	7,850.00	7,627.44	7,520.69	60.96	32.01	-80.89	609.79	-701.86	2,237.54	2,171.70	65.83	33.988		
9,400.00	7,850.00	7,600.00	7,497.47	62.23	31.99	-80.27	607.43	-716.28	2,276.37	2,210.15	66.22	34.377		
9,500.00	7,850.00	7,600.00	7,497.47	63.60	31.99	-80.27	607.43	-716.28	2,318.43	2,251.65	66.77	34.721		
9,600.00	7,850.00	7,576.42	7,476.98	65.07	31.98	-79.73	605.32	-727.77	2,363.59	2,296.39	67.20	35.175		
9,700.00	7,850.00	7,550.00	7,453.50	66.63	31.96	-79.11	602.90	-739.62	2,411.92	2,344.32	67.59	35.683		
9,800.00	7,850.00	7,550.00	7,453.50	68.28	31.96	-79.11	602.90	-739.62	2,462.91	2,394.74	68.16	36.132		
9,900.00	7,850.00	7,550.00	7,453.50	70.00	31.96	-79.11	602.90	-739.62	2,516.84	2,448.11	68.73	36.621		
10,000.00	7,850.00	7,527.56	7,433.14	71.80	31.93	-78.57	600.79	-748.82	2,573.15	2,504.03	69.13	37.223		
10,100.00	7,850.00	7,517.77	7,424.16	73.67	31.92	-78.34	599.85	-752.58	2,632.01	2,562.41	69.60	37.816		
10,200.00	7,850.00	7,500.00	7,407.68	75.60	31.90	-77.91	598.13	-759.02	2,693.22	2,623.21	70.00	38.473		
10,300.00	7,850.00	7,500.00	7,407.68	77.59	31.90	-77.91	598.13	-759.02	2,756.47	2,685.95	70.51	39.091		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	7,500.00	7,407.68	79.62	31.90	-77.91	598.13	-759.02	2,821.84	2,750.84	71.01	39.741		
10,500.00	7,850.00	7,500.00	7,407.68	81.71	31.90	-77.91	598.13	-759.02	2,889.20	2,817.73	71.48	40.422		
10,600.00	7,850.00	7,478.76	7,387.74	83.83	31.87	-77.40	596.03	-766.03	2,958.04	2,886.25	71.79	41.206		
10,700.00	7,850.00	7,472.51	7,381.82	86.00	31.86	-77.24	595.41	-767.95	3,028.71	2,956.53	72.18	41.960		
10,800.00	7,850.00	7,450.00	7,360.36	88.20	31.82	-76.69	593.14	-774.33	3,101.17	3,028.72	72.45	42.807		
10,900.00	7,850.00	7,450.00	7,360.36	90.43	31.82	-76.69	593.14	-774.33	3,174.73	3,101.88	72.85	43.580		
11,000.00	7,850.00	7,450.00	7,360.36	92.69	31.82	-76.69	593.14	-774.33	3,249.70	3,176.47	73.23	44.376		
11,100.00	7,850.00	7,450.00	7,360.36	94.98	31.82	-76.69	593.14	-774.33	3,325.98	3,252.39	73.59	45.193		
11,200.00	7,850.00	7,450.00	7,360.36	97.29	31.82	-76.69	593.14	-774.33	3,403.50	3,329.56	73.94	46.030		
11,300.00	7,850.00	7,450.00	7,360.36	99.62	31.82	-76.69	593.14	-774.33	3,482.16	3,407.89	74.27	46.885		
11,400.00	7,850.00	7,450.00	7,360.36	101.98	31.82	-76.69	593.14	-774.33	3,561.89	3,487.31	74.58	47.757		
11,500.00	7,850.00	7,450.00	7,360.36	104.35	31.82	-76.69	593.14	-774.33	3,642.62	3,567.74	74.88	48.644		
11,600.00	7,850.00	7,450.00	7,360.36	106.74	31.82	-76.69	593.14	-774.33	3,724.29	3,649.12	75.17	49.547		
11,700.00	7,850.00	7,427.26	7,338.44	109.15	31.77	-76.13	590.81	-779.90	3,806.38	3,731.07	75.31	50.541		
11,800.00	7,850.00	7,423.96	7,335.24	111.57	31.77	-76.05	590.47	-780.64	3,889.60	3,814.04	75.56	51.480		
11,900.00	7,850.00	7,420.83	7,332.20	114.01	31.76	-75.98	590.15	-781.32	3,973.57	3,897.78	75.79	52.430		
12,000.00	7,850.00	7,400.00	7,311.90	116.46	31.72	-75.46	587.98	-785.43	4,058.54	3,982.62	75.91	53.462		
12,100.00	7,850.00	7,400.00	7,311.90	118.92	31.72	-75.46	587.98	-785.43	4,143.81	4,067.66	76.15	54.420		
12,200.00	7,850.00	7,400.00	7,311.90	121.39	31.72	-75.46	587.98	-785.43	4,229.72	4,153.36	76.37	55.387		
12,300.00	7,850.00	7,400.00	7,311.90	123.88	31.72	-75.46	587.98	-785.43	4,316.25	4,239.67	76.58	56.364		
12,400.00	7,850.00	7,400.00	7,311.90	126.37	31.72	-75.46	587.98	-785.43	4,403.34	4,326.56	76.78	57.350		
12,500.00	7,850.00	7,400.00	7,311.90	128.87	31.72	-75.46	587.98	-785.43	4,490.97	4,414.00	76.97	58.344		
12,600.00	7,850.00	7,400.00	7,311.90	131.38	31.72	-75.46	587.98	-785.43	4,579.11	4,501.95	77.16	59.346		
12,700.00	7,850.00	7,400.00	7,311.90	133.90	31.72	-75.46	587.98	-785.43	4,667.72	4,590.39	77.34	60.354		
12,800.00	7,850.00	7,400.00	7,311.90	136.42	31.72	-75.46	587.98	-785.43	4,756.79	4,679.28	77.51	61.370		
12,900.00	7,850.00	7,400.00	7,311.90	138.96	31.72	-75.46	587.98	-785.43	4,846.29	4,768.61	77.68	62.391		
13,000.00	7,850.00	7,400.00	7,311.90	141.49	31.72	-75.46	587.98	-785.43	4,936.18	4,858.35	77.83	63.419		
13,100.00	7,850.00	7,400.00	7,311.90	144.04	31.72	-75.46	587.98	-785.43	5,026.46	4,948.48	77.99	64.452		
13,200.00	7,850.00	7,400.00	7,311.90	146.59	31.72	-75.46	587.98	-785.43	5,117.10	5,038.97	78.14	65.490		
13,300.00	7,850.00	7,400.00	7,311.90	149.15	31.72	-75.46	587.98	-785.43	5,208.09	5,129.81	78.28	66.532		
13,400.00	7,850.00	7,400.00	7,311.90	151.71	31.72	-75.46	587.98	-785.43	5,299.39	5,220.98	78.42	67.580		
13,500.00	7,850.00	7,400.00	7,311.90	154.27	31.72	-75.46	587.98	-785.43	5,391.01	5,312.46	78.55	68.631		
13,600.00	7,850.00	7,400.00	7,311.90	156.84	31.72	-75.46	587.98	-785.43	5,482.92	5,404.24	78.68	69.686		
13,700.00	7,850.00	7,400.00	7,311.90	159.42	31.72	-75.46	587.98	-785.43	5,575.11	5,496.30	78.81	70.744		
13,800.00	7,850.00	7,400.00	7,311.90	162.00	31.72	-75.46	587.98	-785.43	5,667.56	5,588.63	78.93	71.806		
13,900.00	7,850.00	7,400.00	7,311.90	164.58	31.72	-75.46	587.98	-785.43	5,760.27	5,681.22	79.05	72.871		
14,000.00	7,850.00	7,400.00	7,311.90	167.17	31.72	-75.46	587.98	-785.43	5,853.21	5,774.05	79.16	73.939		
14,100.00	7,850.00	7,377.06	7,289.39	169.76	31.66	-74.90	585.56	-789.09	5,945.91	5,866.72	79.19	75.086		
14,200.00	7,850.00	7,375.79	7,288.14	172.35	31.66	-74.87	585.43	-789.27	6,039.25	5,959.95	79.29	76.162		
14,300.00	7,850.00	7,374.56	7,286.92	174.95	31.65	-74.84	585.30	-789.44	6,132.79	6,053.39	79.40	77.241		
14,400.00	7,850.00	7,373.37	7,285.75	177.55	31.65	-74.81	585.17	-789.60	6,226.54	6,147.04	79.50	78.321		
14,500.00	7,850.00	7,350.00	7,262.67	180.15	31.59	-74.23	582.68	-792.24	6,320.92	6,241.40	79.51	79.494		
14,600.00	7,850.00	7,350.00	7,262.67	182.76	31.59	-74.23	582.68	-792.24	6,414.99	6,335.37	79.62	80.573		
14,700.00	7,850.00	7,350.00	7,262.67	185.37	31.59	-74.23	582.68	-792.24	6,509.23	6,429.51	79.72	81.653		
14,800.00	7,850.00	7,350.00	7,262.67	187.98	31.59	-74.23	582.68	-792.24	6,603.65	6,523.83	79.82	82.736		
14,900.00	7,850.00	7,350.00	7,262.67	190.59	31.59	-74.23	582.68	-792.24	6,698.23	6,618.31	79.91	83.819		
15,000.00	7,850.00	7,350.00	7,262.67	193.21	31.59	-74.23	582.68	-792.24	6,792.96	6,712.95	80.01	84.904		
15,100.00	7,850.00	7,350.00	7,262.67	195.83	31.59	-74.23	582.68	-792.24	6,887.84	6,807.74	80.10	85.989		
15,200.00	7,850.00	7,350.00	7,262.67	198.45	31.59	-74.23	582.68	-792.24	6,982.86	6,902.67	80.19	87.076		
15,300.00	7,850.00	7,350.00	7,262.67	201.07	31.59	-74.23	582.68	-792.24	7,078.03	6,997.74	80.28	88.164		
15,400.00	7,850.00	7,350.00	7,262.67	203.70	31.59	-74.23	582.68	-792.24	7,173.32	7,092.95	80.37	89.252		
15,500.00	7,850.00	7,350.00	7,262.67	206.32	31.59	-74.23	582.68	-792.24	7,268.74	7,188.28	80.46	90.341		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,850.00	7,350.00	7,262.67	208.95	31.59	-74.23	582.68	-792.24	7,364.28	7,283.74	80.55	91.430		
15,700.00	7,850.00	7,350.00	7,262.67	211.58	31.59	-74.23	582.68	-792.24	7,459.94	7,379.31	80.63	92.520		
15,800.00	7,850.00	7,350.00	7,262.67	214.21	31.59	-74.23	582.68	-792.24	7,555.71	7,475.00	80.71	93.611		
15,900.00	7,850.00	7,350.00	7,262.67	216.85	31.59	-74.23	582.68	-792.24	7,651.59	7,570.79	80.80	94.701		
16,000.00	7,850.00	7,350.00	7,262.67	219.48	31.59	-74.23	582.68	-792.24	7,747.57	7,666.69	80.88	95.792		
16,100.00	7,850.00	7,350.00	7,262.67	222.12	31.59	-74.23	582.68	-792.24	7,843.66	7,762.70	80.96	96.882		
16,200.00	7,850.00	7,350.00	7,262.67	224.76	31.59	-74.23	582.68	-792.24	7,939.84	7,858.80	81.04	97.973		
16,300.00	7,850.00	7,350.00	7,262.67	227.39	31.59	-74.23	582.68	-792.24	8,036.11	7,954.99	81.12	99.064		
16,400.00	7,850.00	7,350.00	7,262.67	230.03	31.59	-74.23	582.68	-792.24	8,132.47	8,051.27	81.20	100.154		
16,500.00	7,850.00	7,350.00	7,262.67	232.68	31.59	-74.23	582.68	-792.24	8,228.92	8,147.65	81.28	101.244		
16,600.00	7,850.00	7,350.00	7,262.67	235.32	31.59	-74.23	582.68	-792.24	8,325.46	8,244.10	81.36	102.334		
16,700.00	7,850.00	7,350.00	7,262.67	237.96	31.59	-74.23	582.68	-792.24	8,422.07	8,340.64	81.43	103.424		
16,800.00	7,850.00	7,350.00	7,262.67	240.61	31.59	-74.23	582.68	-792.24	8,518.77	8,437.26	81.51	104.513		
16,900.00	7,850.00	7,350.00	7,262.67	243.26	31.59	-74.23	582.68	-792.24	8,615.53	8,533.95	81.59	105.602		
17,000.00	7,850.00	7,350.00	7,262.67	245.90	31.59	-74.23	582.68	-792.24	8,712.38	8,630.72	81.66	106.690		
17,100.00	7,850.00	7,350.00	7,262.67	248.55	31.59	-74.23	582.68	-792.24	8,809.29	8,727.55	81.74	107.777		
17,200.00	7,850.00	7,350.00	7,262.67	251.20	31.59	-74.23	582.68	-792.24	8,906.27	8,824.46	81.81	108.864		
17,300.00	7,850.00	7,350.00	7,262.67	253.85	31.59	-74.23	582.68	-792.24	9,003.31	8,921.43	81.89	109.951		
17,400.00	7,850.00	7,350.00	7,262.67	256.50	31.59	-74.23	582.68	-792.24	9,100.42	9,018.47	81.96	111.036		
17,500.00	7,850.00	7,350.00	7,262.67	259.16	31.59	-74.23	582.68	-792.24	9,197.60	9,115.56	82.03	112.121		
17,600.00	7,850.00	7,350.00	7,262.67	261.81	31.59	-74.23	582.68	-792.24	9,294.83	9,212.72	82.11	113.205		
17,700.00	7,850.00	7,350.00	7,262.67	264.47	31.59	-74.23	582.68	-792.24	9,392.12	9,309.94	82.18	114.288		
17,800.00	7,850.00	7,350.00	7,262.67	267.12	31.59	-74.23	582.68	-792.24	9,489.47	9,407.21	82.25	115.370		
17,900.00	7,850.00	7,350.00	7,262.67	269.78	31.59	-74.23	582.68	-792.24	9,586.87	9,504.54	82.33	116.451		
18,000.00	7,850.00	7,350.00	7,262.67	272.43	31.59	-74.23	582.68	-792.24	9,684.32	9,601.92	82.40	117.531		
18,100.00	7,850.00	7,350.00	7,262.67	275.09	31.59	-74.23	582.68	-792.24	9,781.83	9,699.36	82.47	118.609		
18,200.00	7,850.00	7,350.00	7,262.67	277.75	31.59	-74.23	582.68	-792.24	9,879.38	9,796.84	82.54	119.687		
18,300.00	7,850.00	7,350.00	7,262.67	280.41	31.59	-74.23	582.68	-792.24	9,976.99	9,894.37	82.62	120.764		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.30	-0.30	0.00	0.00	-179.90	-159.91	-0.28	159.91						
100.00	100.00	100.30	99.70	0.13	0.14	-179.90	-159.91	-0.28	159.91	159.64	0.27	592.414			
200.00	200.00	200.30	199.70	0.49	0.49	-179.90	-159.91	-0.28	159.91	158.92	0.99	162.037	CC, ES		
300.00	299.98	300.32	299.68	0.85	0.85	-172.96	-159.91	-0.28	161.64	159.94	1.71	94.770			
400.00	399.84	400.46	399.54	1.22	1.21	-173.17	-159.91	-0.28	166.84	164.41	2.43	68.644			
500.00	499.45	500.85	499.15	1.59	1.57	-173.49	-159.91	-0.28	175.49	172.34	3.16	55.573			
600.00	598.70	598.40	598.40	1.97	1.92	-173.89	-159.91	-0.28	187.61	183.73	3.88	48.389			
700.00	697.47	698.71	698.69	2.38	2.27	-173.86	-159.57	-1.95	202.80	198.20	4.60	44.076			
800.00	795.62	798.63	798.47	2.82	2.63	-173.02	-158.52	-7.02	220.67	215.35	5.33	41.427			
900.00	893.06	897.87	897.34	3.29	2.98	-171.58	-156.78	-15.43	241.33	235.27	6.07	39.788			
1,000.00	989.64	1,004.32	994.45	3.79	3.38	-169.80	-154.43	-26.76	264.96	258.11	6.85	38.668			
1,100.00	1,085.27	1,108.27	1,089.75	4.34	3.78	-168.29	-152.01	-38.49	291.99	284.35	7.65	38.177	SF		
1,200.00	1,179.82	1,186.84	1,184.12	4.93	4.09	-167.14	-149.60	-50.11	322.42	314.06	8.36	38.570			
1,300.00	1,273.48	1,281.17	1,277.71	5.56	4.46	-166.35	-147.22	-61.63	355.36	346.22	9.14	38.878			
1,400.00	1,367.08	1,375.45	1,371.26	6.19	4.83	-165.74	-144.84	-73.15	388.48	378.55	9.92	39.155			
1,500.00	1,460.69	1,469.73	1,464.80	6.84	5.21	-165.23	-142.46	-84.66	421.63	410.92	10.71	39.363			
1,600.00	1,554.30	1,564.01	1,558.35	7.50	5.59	-164.79	-140.07	-96.18	454.81	443.30	11.51	39.520			
1,700.00	1,647.90	1,658.30	1,651.90	8.15	5.97	-164.41	-137.69	-107.69	488.01	475.70	12.31	39.640			
1,800.00	1,741.51	1,752.58	1,745.44	8.82	6.35	-164.08	-135.31	-119.21	521.22	508.10	13.12	39.733			
1,900.00	1,835.12	1,846.86	1,838.99	9.48	6.74	-163.79	-132.93	-130.72	554.45	540.52	13.93	39.804			
2,000.00	1,928.73	1,941.14	1,932.54	10.15	7.12	-163.53	-130.55	-142.24	587.69	572.95	14.74	39.859			
2,100.00	2,022.33	2,035.43	2,026.08	10.82	7.51	-163.30	-128.16	-153.76	620.94	605.38	15.56	39.902			
2,200.00	2,115.94	2,129.71	2,119.63	11.49	7.89	-163.10	-125.78	-165.27	654.20	637.82	16.38	39.935			
2,300.00	2,209.55	2,223.99	2,213.17	12.16	8.28	-162.91	-123.40	-176.79	687.47	670.26	17.20	39.960			
2,400.00	2,303.15	2,318.27	2,306.72	12.83	8.66	-162.74	-121.02	-188.30	720.74	702.71	18.03	39.979			
2,500.00	2,396.76	2,412.56	2,400.27	13.51	9.05	-162.59	-118.64	-199.82	754.01	735.16	18.85	39.993			
2,600.00	2,490.37	2,506.84	2,493.81	14.18	9.44	-162.44	-116.25	-211.34	787.29	767.61	19.68	40.004			
2,700.00	2,583.97	2,601.12	2,587.36	14.86	9.83	-162.31	-113.87	-222.85	820.58	800.07	20.51	40.011			
2,800.00	2,677.58	2,704.60	2,680.91	15.53	10.25	-162.19	-111.49	-234.37	853.86	832.49	21.38	39.945			
2,900.00	2,771.19	2,789.69	2,774.45	16.21	10.60	-162.08	-109.11	-245.88	887.16	864.99	22.17	40.018			
3,000.00	2,864.79	2,883.97	2,868.00	16.89	10.99	-161.98	-106.73	-257.40	920.45	897.45	23.00	40.019			
3,100.00	2,958.40	2,978.25	2,961.54	17.57	11.38	-161.88	-104.34	-268.91	953.75	929.91	23.83	40.019			
3,200.00	3,052.01	3,072.53	3,055.09	18.24	11.77	-161.79	-101.96	-280.43	987.04	962.38	24.67	40.017			
3,300.00	3,145.62	3,166.82	3,148.64	18.92	12.16	-161.71	-99.58	-291.95	1,020.34	994.84	25.50	40.015			
3,400.00	3,239.22	3,261.10	3,242.18	19.60	12.55	-161.63	-97.20	-303.46	1,053.65	1,027.31	26.33	40.012			
3,500.00	3,332.83	3,355.38	3,335.73	20.28	12.94	-161.56	-94.82	-314.98	1,086.95	1,059.78	27.17	40.008			
3,600.00	3,426.44	3,449.66	3,429.28	20.96	13.33	-161.49	-92.43	-326.49	1,120.25	1,092.25	28.00	40.004			
3,700.00	3,520.04	3,543.95	3,522.82	21.64	13.72	-161.43	-90.05	-338.01	1,153.56	1,124.72	28.84	39.999			
3,800.00	3,613.65	3,638.23	3,616.37	22.32	14.11	-161.36	-87.67	-349.52	1,186.87	1,157.19	29.68	39.995			
3,900.00	3,707.26	3,732.51	3,709.91	23.00	14.50	-161.31	-85.29	-361.04	1,220.18	1,189.67	30.51	39.989			
4,000.00	3,800.86	3,826.79	3,803.46	23.68	14.89	-161.25	-82.91	-372.56	1,253.49	1,222.14	31.35	39.984			
4,100.00	3,894.47	3,921.08	3,897.01	24.36	15.28	-161.20	-80.52	-384.07	1,286.80	1,254.61	32.19	39.979			
4,200.00	3,988.08	4,015.36	3,990.55	25.04	15.67	-161.15	-78.14	-395.59	1,320.11	1,287.09	33.03	39.973			
4,300.00	4,081.68	4,109.64	4,084.10	25.72	16.06	-161.10	-75.76	-407.10	1,353.42	1,319.56	33.86	39.967			
4,400.00	4,175.29	4,203.92	4,177.65	26.40	16.45	-161.06	-73.38	-418.62	1,386.74	1,352.04	34.70	39.961			
4,500.00	4,268.90	4,301.79	4,271.19	27.08	16.86	-161.01	-71.00	-430.14	1,420.05	1,384.50	35.56	39.939			
4,600.00	4,362.51	4,407.51	4,364.74	27.76	17.30	-160.97	-68.61	-441.65	1,453.37	1,416.92	36.44	39.881			
4,700.00	4,456.11	4,486.77	4,458.29	28.44	17.63	-160.94	-66.23	-453.17	1,486.68	1,449.46	37.22	39.944			
4,800.00	4,549.72	4,581.05	4,551.83	29.12	18.02	-160.90	-63.85	-464.68	1,520.00	1,481.94	38.06	39.938			
4,900.00	4,643.33	4,675.34	4,645.38	29.80	18.41	-160.86	-61.47	-476.20	1,553.31	1,514.42	38.90	39.932			
5,000.00	4,736.93	4,769.62	4,738.92	30.48	18.80	-160.83	-59.09	-487.71	1,586.63	1,546.89	39.74	39.926			
5,100.00	4,830.54	4,863.90	4,832.47	31.16	19.19	-160.80	-56.70	-499.23	1,619.95	1,579.37	40.58	39.920			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	4,958.18	4,926.02	31.84	19.58	-160.76	-54.32	-510.75	1,653.27	1,611.85	41.42	39.915		
5,300.00	5,017.75	5,052.47	5,019.56	32.52	19.97	-160.73	-51.94	-522.26	1,686.59	1,644.32	42.26	39.909		
5,400.00	5,111.36	5,146.75	5,113.11	33.20	20.36	-160.71	-49.56	-533.78	1,719.90	1,676.80	43.10	39.903		
5,500.00	5,204.97	5,241.03	5,206.66	33.88	20.75	-160.68	-47.18	-545.29	1,753.22	1,709.28	43.94	39.897		
5,600.00	5,298.57	5,335.31	5,300.20	34.56	21.15	-160.65	-44.79	-556.81	1,786.54	1,741.76	44.78	39.892		
5,700.00	5,392.18	5,429.60	5,393.75	35.25	21.54	-160.62	-42.41	-568.32	1,819.86	1,774.24	45.63	39.886		
5,800.00	5,485.79	5,523.88	5,487.29	35.93	21.93	-160.60	-40.03	-579.84	1,853.18	1,806.72	46.47	39.881		
5,900.00	5,579.40	5,618.16	5,580.84	36.61	22.32	-160.58	-37.65	-591.36	1,886.50	1,839.19	47.31	39.875		
6,000.00	5,673.00	5,712.44	5,674.39	37.29	22.71	-160.55	-35.27	-602.87	1,919.83	1,871.67	48.15	39.870		
6,100.00	5,766.61	5,806.73	5,767.93	37.97	23.10	-160.53	-32.88	-614.39	1,953.15	1,904.15	49.00	39.864		
6,200.00	5,860.22	5,901.01	5,861.48	38.65	23.49	-160.51	-30.50	-625.90	1,986.47	1,936.63	49.84	39.859		
6,300.00	5,953.82	6,004.71	5,955.03	39.33	23.92	-160.49	-28.12	-637.42	2,019.79	1,969.07	50.72	39.823		
6,400.00	6,047.43	6,089.57	6,048.57	40.02	24.28	-160.47	-25.74	-648.94	2,053.11	2,001.59	51.52	39.848		
6,500.00	6,141.04	6,183.86	6,142.12	40.70	24.67	-160.45	-23.36	-660.45	2,086.43	2,034.07	52.37	39.843		
6,600.00	6,234.64	6,278.14	6,235.66	41.38	25.06	-160.43	-20.97	-671.97	2,119.76	2,066.55	53.21	39.838		
6,700.00	6,328.25	6,372.42	6,329.21	42.06	25.45	-160.41	-18.59	-683.48	2,153.08	2,099.03	54.05	39.833		
6,800.00	6,421.86	6,466.70	6,422.76	42.74	25.84	-160.39	-16.21	-695.00	2,186.40	2,131.50	54.90	39.827		
6,900.00	6,515.47	6,560.99	6,516.30	43.42	26.23	-160.37	-13.83	-706.51	2,219.72	2,163.98	55.74	39.822		
7,000.00	6,609.07	6,655.27	6,609.85	44.10	26.63	-160.36	-11.45	-718.03	2,253.05	2,196.46	56.58	39.817		
7,100.00	6,702.68	6,749.55	6,703.40	44.79	27.02	-160.34	-9.06	-729.55	2,286.37	2,228.94	57.43	39.812		
7,200.00	6,796.29	6,843.83	6,796.94	45.47	27.41	-160.33	-6.68	-741.06	2,319.69	2,261.42	58.27	39.807		
7,300.00	6,889.89	6,938.12	6,890.49	46.15	27.80	-160.31	-4.30	-752.58	2,353.02	2,293.90	59.12	39.802		
7,400.00	6,983.50	7,032.40	6,984.03	46.83	28.19	-160.30	-1.92	-764.09	2,386.34	2,326.38	59.96	39.798		
7,500.00	7,077.11	7,126.68	7,077.58	47.51	28.58	-160.28	0.46	-775.61	2,419.66	2,358.86	60.81	39.793		
7,600.00	7,170.71	7,220.96	7,171.13	48.19	28.98	-160.27	2.85	-787.12	2,452.99	2,391.34	61.65	39.788		
7,700.00	7,264.32	7,558.59	7,502.00	48.88	29.83	-162.03	10.34	-749.81	2,483.39	2,420.13	63.26	39.256		
7,800.00	7,357.90	7,841.76	7,725.01	49.56	30.09	-160.24	13.66	-580.04	2,504.72	2,441.40	63.32	39.556		
7,900.00	7,450.12	7,938.16	7,778.49	50.26	30.26	-138.53	13.99	-499.98	2,524.28	2,460.68	63.60	39.690		
8,000.00	7,538.18	7,959.12	7,788.29	50.97	30.31	-122.96	14.00	-481.45	2,544.90	2,481.00	63.90	39.828		
8,100.00	7,619.40	7,949.73	7,783.98	51.66	30.29	-112.06	14.00	-489.80	2,566.63	2,502.52	64.12	40.032		
8,200.00	7,691.32	7,925.88	7,772.44	52.34	30.23	-104.05	13.97	-510.66	2,588.68	2,524.40	64.28	40.270		
8,300.00	7,751.74	7,894.25	7,755.80	53.00	30.17	-97.91	13.89	-537.56	2,610.04	2,545.61	64.43	40.511		
8,400.00	7,798.84	7,858.09	7,735.00	53.64	30.11	-93.15	13.75	-567.13	2,629.68	2,565.07	64.60	40.704		
8,500.00	7,831.18	7,819.16	7,710.57	54.26	30.06	-89.54	13.52	-597.43	2,646.65	2,581.81	64.84	40.815		
8,600.00	7,847.78	7,778.49	7,682.92	54.86	30.02	-86.98	13.22	-627.24	2,660.13	2,594.96	65.17	40.820		
8,700.00	7,850.00	7,737.55	7,653.01	55.46	29.98	-85.75	12.83	-655.19	2,670.23	2,604.65	65.57	40.720		
8,800.00	7,850.00	7,700.00	7,623.90	56.13	29.95	-85.13	12.42	-678.88	2,682.12	2,616.07	66.05	40.607		
8,900.00	7,850.00	7,670.73	7,600.16	56.90	29.93	-84.62	12.05	-696.00	2,696.92	2,630.32	66.59	40.498		
9,000.00	7,850.00	7,650.00	7,582.84	57.76	29.92	-84.25	11.77	-707.38	2,714.73	2,647.53	67.20	40.395		
9,100.00	7,850.00	7,620.88	7,557.84	58.72	29.89	-83.71	11.35	-722.29	2,735.59	2,667.76	67.82	40.334		
9,200.00	7,850.00	7,600.00	7,539.45	59.79	29.88	-83.32	11.03	-732.19	2,759.53	2,691.04	68.50	40.287		
9,300.00	7,850.00	7,582.80	7,524.05	60.96	29.86	-83.00	10.75	-739.84	2,786.55	2,717.35	69.20	40.268		
9,400.00	7,850.00	7,567.03	7,509.73	62.23	29.84	-82.69	10.48	-746.44	2,816.61	2,746.68	69.92	40.282		
9,500.00	7,850.00	7,550.00	7,494.07	63.60	29.82	-82.36	10.19	-753.13	2,849.65	2,779.00	70.65	40.338		
9,600.00	7,850.00	7,550.00	7,494.07	65.07	29.82	-82.36	10.19	-753.13	2,885.64	2,814.19	71.45	40.389		
9,700.00	7,850.00	7,529.16	7,474.65	66.63	29.80	-81.95	9.81	-760.67	2,924.37	2,852.23	72.14	40.539		
9,800.00	7,850.00	7,518.97	7,465.05	68.28	29.78	-81.75	9.62	-764.10	2,965.89	2,893.02	72.87	40.701		
9,900.00	7,850.00	7,500.00	7,447.04	70.00	29.76	-81.37	9.26	-770.03	3,010.11	2,936.57	73.54	40.932		
10,000.00	7,850.00	7,500.00	7,447.04	71.80	29.76	-81.37	9.26	-770.03	3,056.76	2,982.47	74.29	41.145		
10,100.00	7,850.00	7,500.00	7,447.04	73.67	29.76	-81.37	9.26	-770.03	3,105.94	3,030.92	75.02	41.400		
10,200.00	7,850.00	7,500.00	7,447.04	75.60	29.76	-81.37	9.26	-770.03	3,157.51	3,081.79	75.73	41.696		
10,300.00	7,850.00	7,480.04	7,427.89	77.59	29.72	-80.97	8.87	-775.62	3,211.11	3,134.82	76.30	42.088		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,850.00	7,474.04	7,422.09	79.62	29.71	-80.84	8.75	-777.17	3,266.96	3,190.04	76.91	42.475		
10,500.00	7,850.00	7,468.49	7,416.71	81.71	29.71	-80.73	8.64	-778.55	3,324.83	3,247.32	77.51	42.896		
10,600.00	7,850.00	7,450.00	7,398.72	83.83	29.68	-80.35	8.25	-782.77	3,384.75	3,306.75	78.00	43.393		
10,700.00	7,850.00	7,450.00	7,398.72	86.00	29.68	-80.35	8.25	-782.77	3,446.31	3,367.73	78.58	43.859		
10,800.00	7,850.00	7,450.00	7,398.72	88.20	29.68	-80.35	8.25	-782.77	3,509.64	3,430.51	79.12	44.357		
10,900.00	7,850.00	7,450.00	7,398.72	90.43	29.68	-80.35	8.25	-782.77	3,574.64	3,495.00	79.64	44.884		
11,000.00	7,850.00	7,450.00	7,398.72	92.69	29.68	-80.35	8.25	-782.77	3,641.23	3,561.09	80.14	45.438		
11,100.00	7,850.00	7,450.00	7,398.72	94.98	29.68	-80.35	8.25	-782.77	3,709.32	3,628.71	80.60	46.019		
11,200.00	7,850.00	7,450.00	7,398.72	97.29	29.68	-80.35	8.25	-782.77	3,778.83	3,697.78	81.05	46.624		
11,300.00	7,850.00	7,450.00	7,398.72	99.62	29.68	-80.35	8.25	-782.77	3,849.68	3,768.21	81.47	47.252		
11,400.00	7,850.00	7,450.00	7,398.72	101.98	29.68	-80.35	8.25	-782.77	3,921.80	3,839.93	81.87	47.903		
11,500.00	7,850.00	7,429.54	7,378.66	104.35	29.63	-79.94	7.82	-786.75	3,994.80	3,912.66	82.14	48.633		
11,600.00	7,850.00	7,426.79	7,375.95	106.74	29.63	-79.88	7.76	-787.24	4,069.16	3,986.67	82.49	49.330		
11,700.00	7,850.00	7,424.18	7,373.37	109.15	29.62	-79.83	7.70	-787.68	4,144.59	4,061.77	82.82	50.044		
11,800.00	7,850.00	7,421.70	7,370.93	111.57	29.62	-79.77	7.65	-788.09	4,221.03	4,137.90	83.13	50.775		
11,900.00	7,850.00	7,400.00	7,349.47	114.01	29.57	-79.33	7.17	-791.24	4,298.73	4,215.41	83.32	51.590		
12,000.00	7,850.00	7,400.00	7,349.47	116.46	29.57	-79.33	7.17	-791.24	4,376.97	4,293.35	83.62	52.344		
12,100.00	7,850.00	7,400.00	7,349.47	118.92	29.57	-79.33	7.17	-791.24	4,456.08	4,372.18	83.90	53.111		
12,200.00	7,850.00	7,400.00	7,349.47	121.39	29.57	-79.33	7.17	-791.24	4,536.02	4,451.85	84.17	53.892		
12,300.00	7,850.00	7,400.00	7,349.47	123.88	29.57	-79.33	7.17	-791.24	4,616.74	4,532.32	84.42	54.687		
12,400.00	7,850.00	7,400.00	7,349.47	126.37	29.57	-79.33	7.17	-791.24	4,698.20	4,613.54	84.66	55.493		
12,500.00	7,850.00	7,400.00	7,349.47	128.87	29.57	-79.33	7.17	-791.24	4,780.37	4,695.47	84.89	56.310		
12,600.00	7,850.00	7,400.00	7,349.47	131.38	29.57	-79.33	7.17	-791.24	4,863.20	4,778.09	85.11	57.139		
12,700.00	7,850.00	7,400.00	7,349.47	133.90	29.57	-79.33	7.17	-791.24	4,946.67	4,861.35	85.32	57.977		
12,800.00	7,850.00	7,400.00	7,349.47	136.42	29.57	-79.33	7.17	-791.24	5,030.74	4,945.22	85.52	58.825		
12,900.00	7,850.00	7,400.00	7,349.47	138.96	29.57	-79.33	7.17	-791.24	5,115.38	5,029.67	85.71	59.682		
13,000.00	7,850.00	7,400.00	7,349.47	141.49	29.57	-79.33	7.17	-791.24	5,200.57	5,114.68	85.89	60.548		
13,100.00	7,850.00	7,400.00	7,349.47	144.04	29.57	-79.33	7.17	-791.24	5,286.28	5,200.21	86.07	61.421		
13,200.00	7,850.00	7,400.00	7,349.47	146.59	29.57	-79.33	7.17	-791.24	5,372.48	5,286.25	86.23	62.303		
13,300.00	7,850.00	7,400.00	7,349.47	149.15	29.57	-79.33	7.17	-791.24	5,459.15	5,372.76	86.39	63.191		
13,400.00	7,850.00	7,400.00	7,349.47	151.71	29.57	-79.33	7.17	-791.24	5,546.27	5,459.73	86.54	64.086		
13,500.00	7,850.00	7,400.00	7,349.47	154.27	29.57	-79.33	7.17	-791.24	5,633.82	5,547.13	86.69	64.987		
13,600.00	7,850.00	7,400.00	7,349.47	156.84	29.57	-79.33	7.17	-791.24	5,721.78	5,634.94	86.83	65.894		
13,700.00	7,850.00	7,400.00	7,349.47	159.42	29.57	-79.33	7.17	-791.24	5,810.12	5,723.16	86.97	66.807		
13,800.00	7,850.00	7,400.00	7,349.47	162.00	29.57	-79.33	7.17	-791.24	5,898.84	5,811.74	87.10	67.726		
13,900.00	7,850.00	7,400.00	7,349.47	164.58	29.57	-79.33	7.17	-791.24	5,987.92	5,900.69	87.22	68.649		
14,000.00	7,850.00	7,400.00	7,349.47	167.17	29.57	-79.33	7.17	-791.24	6,077.33	5,989.98	87.35	69.577		
14,100.00	7,850.00	7,400.00	7,349.47	169.76	29.57	-79.33	7.17	-791.24	6,167.07	6,079.61	87.46	70.510		
14,200.00	7,850.00	7,400.00	7,349.47	172.35	29.57	-79.33	7.17	-791.24	6,257.12	6,169.54	87.58	71.447		
14,300.00	7,850.00	7,400.00	7,349.47	174.95	29.57	-79.33	7.17	-791.24	6,347.47	6,259.78	87.69	72.388		
14,400.00	7,850.00	7,400.00	7,349.47	177.55	29.57	-79.33	7.17	-791.24	6,438.10	6,350.31	87.79	73.332		
14,500.00	7,850.00	7,400.00	7,349.47	180.15	29.57	-79.33	7.17	-791.24	6,529.01	6,441.11	87.90	74.280		
14,600.00	7,850.00	7,400.00	7,349.47	182.76	29.57	-79.33	7.17	-791.24	6,620.18	6,532.18	88.00	75.232		
14,700.00	7,850.00	7,400.00	7,349.47	185.37	29.57	-79.33	7.17	-791.24	6,711.60	6,623.51	88.09	76.187		
14,800.00	7,850.00	7,400.00	7,349.47	187.98	29.57	-79.33	7.17	-791.24	6,803.26	6,715.07	88.19	77.144		
14,900.00	7,850.00	7,400.00	7,349.47	190.59	29.57	-79.33	7.17	-791.24	6,895.16	6,806.87	88.28	78.105		
15,000.00	7,850.00	7,400.00	7,349.47	193.21	29.57	-79.33	7.17	-791.24	6,987.27	6,898.90	88.37	79.068		
15,100.00	7,850.00	7,400.00	7,349.47	195.83	29.57	-79.33	7.17	-791.24	7,079.60	6,991.14	88.46	80.033		
15,200.00	7,850.00	7,400.00	7,349.47	198.45	29.57	-79.33	7.17	-791.24	7,172.14	7,083.60	88.54	81.001		
15,300.00	7,850.00	7,377.02	7,326.62	201.07	29.52	-78.85	6.65	-793.69	7,264.41	7,175.87	88.54	82.048		
15,400.00	7,850.00	7,376.35	7,325.96	203.70	29.51	-78.84	6.64	-793.75	7,357.30	7,268.69	88.62	83.023		
15,500.00	7,850.00	7,375.71	7,325.32	206.32	29.51	-78.83	6.62	-793.80	7,450.38	7,361.69	88.70	83.999		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,850.00	7,375.08	7,324.69	208.95	29.51	-78.81	6.61	-793.85	7,543.64	7,454.87	88.77	84.977		
15,700.00	7,850.00	7,374.46	7,324.08	211.58	29.51	-78.80	6.60	-793.91	7,637.07	7,548.22	88.85	85.957		
15,800.00	7,850.00	7,373.87	7,323.48	214.21	29.51	-78.79	6.58	-793.95	7,730.66	7,641.73	88.92	86.938		
15,900.00	7,850.00	7,373.28	7,322.90	216.85	29.51	-78.78	6.57	-794.00	7,824.40	7,735.41	88.99	87.920		
16,000.00	7,850.00	7,350.00	7,299.67	219.48	29.45	-78.30	6.03	-795.39	7,918.76	7,829.79	88.98	88.999		
16,100.00	7,850.00	7,350.00	7,299.67	222.12	29.45	-78.30	6.03	-795.39	8,012.79	7,923.74	89.05	89.982		
16,200.00	7,850.00	7,350.00	7,299.67	224.76	29.45	-78.30	6.03	-795.39	8,106.96	8,017.84	89.12	90.966		
16,300.00	7,850.00	7,350.00	7,299.67	227.39	29.45	-78.30	6.03	-795.39	8,201.26	8,112.07	89.19	91.951		
16,400.00	7,850.00	7,350.00	7,299.67	230.03	29.45	-78.30	6.03	-795.39	8,295.70	8,206.44	89.26	92.937		
16,500.00	7,850.00	7,350.00	7,299.67	232.68	29.45	-78.30	6.03	-795.39	8,390.27	8,300.94	89.33	93.924		
16,600.00	7,850.00	7,350.00	7,299.67	235.32	29.45	-78.30	6.03	-795.39	8,484.97	8,395.57	89.40	94.911		
16,700.00	7,850.00	7,350.00	7,299.67	237.96	29.45	-78.30	6.03	-795.39	8,579.78	8,490.31	89.47	95.900		
16,800.00	7,850.00	7,350.00	7,299.67	240.61	29.45	-78.30	6.03	-795.39	8,674.71	8,585.18	89.53	96.889		
16,900.00	7,850.00	7,350.00	7,299.67	243.26	29.45	-78.30	6.03	-795.39	8,769.75	8,680.15	89.60	97.878		
17,000.00	7,850.00	7,350.00	7,299.67	245.90	29.45	-78.30	6.03	-795.39	8,864.90	8,775.24	89.66	98.868		
17,100.00	7,850.00	7,350.00	7,299.67	248.55	29.45	-78.30	6.03	-795.39	8,960.16	8,870.43	89.73	99.859		
17,200.00	7,850.00	7,350.00	7,299.67	251.20	29.45	-78.30	6.03	-795.39	9,055.52	8,965.73	89.79	100.849		
17,300.00	7,850.00	7,350.00	7,299.67	253.85	29.45	-78.30	6.03	-795.39	9,150.98	9,061.12	89.86	101.840		
17,400.00	7,850.00	7,350.00	7,299.67	256.50	29.45	-78.30	6.03	-795.39	9,246.54	9,156.62	89.92	102.832		
17,500.00	7,850.00	7,350.00	7,299.67	259.16	29.45	-78.30	6.03	-795.39	9,342.18	9,252.20	89.98	103.823		
17,600.00	7,850.00	7,350.00	7,299.67	261.81	29.45	-78.30	6.03	-795.39	9,437.92	9,347.88	90.04	104.815		
17,700.00	7,850.00	7,350.00	7,299.67	264.47	29.45	-78.30	6.03	-795.39	9,533.75	9,443.64	90.11	105.806		
17,800.00	7,850.00	7,350.00	7,299.67	267.12	29.45	-78.30	6.03	-795.39	9,629.66	9,539.49	90.17	106.798		
17,900.00	7,850.00	7,350.00	7,299.67	269.78	29.45	-78.30	6.03	-795.39	9,725.65	9,635.42	90.23	107.789		
18,000.00	7,850.00	7,350.00	7,299.67	272.43	29.45	-78.30	6.03	-795.39	9,821.72	9,731.43	90.29	108.780		
18,100.00	7,850.00	7,350.00	7,299.67	275.09	29.45	-78.30	6.03	-795.39	9,917.87	9,827.52	90.35	109.772		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error:		0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.20	-0.20	0.00	0.00	-179.82	-179.95	-0.56	179.95						
100.00	100.00	100.20	99.80	0.13	0.14	-179.82	-179.95	-0.56	179.95	179.68	0.27	667.542			
200.00	200.00	200.20	199.80	0.49	0.49	-179.82	-179.95	-0.56	179.95	178.96	0.99	182.410	CC, ES		
300.00	299.98	300.22	299.78	0.85	0.85	-172.88	-179.95	-0.56	181.68	179.98	1.71	106.542			
400.00	399.84	400.36	399.64	1.22	1.21	-173.06	-179.95	-0.56	186.88	184.45	2.43	76.900			
500.00	499.45	500.75	499.25	1.59	1.57	-173.35	-179.95	-0.56	195.53	192.37	3.16	61.925			
600.00	598.70	601.50	598.50	1.97	1.93	-173.71	-179.95	-0.56	207.64	203.75	3.89	53.403			
700.00	697.47	697.27	697.27	2.38	2.28	-174.12	-179.95	-0.56	223.20	218.59	4.60	48.486			
800.00	795.62	791.91	791.90	2.82	2.60	-174.21	-180.65	-1.86	242.88	237.57	5.31	45.753			
900.00	893.06	885.06	884.93	3.29	2.92	-173.74	-182.78	-5.83	267.40	261.39	6.00	44.536			
1,000.00	989.64	976.39	975.97	3.79	3.24	-172.87	-186.26	-12.30	296.71	290.01	6.70	44.280	SF		
1,100.00	1,085.27	1,065.55	1,064.56	4.34	3.56	-171.75	-190.98	-21.08	330.80	323.40	7.40	44.705			
1,200.00	1,179.82	1,154.91	1,153.06	4.93	3.90	-170.49	-196.86	-32.01	369.45	361.34	8.11	45.542			
1,300.00	1,273.48	1,245.80	1,243.01	5.56	4.25	-169.53	-203.00	-43.44	410.77	401.93	8.84	46.444			
1,400.00	1,367.08	1,336.63	1,332.91	6.19	4.61	-168.79	-209.15	-54.87	452.30	442.72	9.57	47.240			
1,500.00	1,460.69	1,427.45	1,422.80	6.84	4.97	-168.17	-215.29	-66.30	493.88	483.56	10.32	47.875			
1,600.00	1,554.30	1,518.28	1,512.69	7.50	5.34	-167.65	-221.43	-77.72	535.50	524.44	11.07	48.395			
1,700.00	1,647.90	1,609.10	1,602.59	8.15	5.71	-167.20	-227.57	-89.15	577.16	565.34	11.82	48.824			
1,800.00	1,741.51	1,700.07	1,692.48	8.82	6.09	-166.81	-233.72	-100.58	618.84	606.25	12.58	49.180			
1,900.00	1,835.12	1,809.25	1,782.38	9.48	6.54	-166.47	-239.86	-112.00	660.54	647.12	13.42	49.211			
2,000.00	1,928.73	1,881.58	1,872.27	10.15	6.84	-166.17	-246.00	-123.43	702.25	688.14	14.12	49.740			
2,100.00	2,022.33	1,972.41	1,962.17	10.82	7.23	-165.91	-252.15	-134.85	743.99	729.09	14.89	49.960			
2,200.00	2,115.94	2,063.23	2,052.06	11.49	7.61	-165.67	-258.29	-146.28	785.73	770.06	15.67	50.150			
2,300.00	2,209.55	2,154.06	2,141.95	12.16	7.99	-165.46	-264.43	-157.71	827.48	811.03	16.45	50.315			
2,400.00	2,303.15	2,244.88	2,231.85	12.83	8.38	-165.26	-270.58	-169.13	869.24	852.02	17.23	50.460			
2,500.00	2,396.76	2,335.71	2,321.74	13.51	8.76	-165.09	-276.72	-180.56	911.01	893.00	18.01	50.587			
2,600.00	2,490.37	2,426.53	2,411.64	14.18	9.15	-164.93	-282.86	-191.99	952.79	933.99	18.79	50.699			
2,700.00	2,583.97	2,517.36	2,501.53	14.86	9.54	-164.78	-289.00	-203.41	994.57	974.99	19.58	50.799			
2,800.00	2,677.58	2,608.18	2,591.42	15.53	9.93	-164.65	-295.15	-214.84	1,036.35	1,015.99	20.37	50.889			
2,900.00	2,771.19	2,700.99	2,681.32	16.21	10.32	-164.53	-301.29	-226.27	1,078.14	1,056.98	21.16	50.949			
3,000.00	2,864.79	2,789.84	2,771.21	16.89	10.70	-164.41	-307.43	-237.69	1,119.94	1,097.99	21.94	51.041			
3,100.00	2,958.40	2,880.66	2,861.11	17.57	11.09	-164.30	-313.58	-249.12	1,161.73	1,139.00	22.73	51.105			
3,200.00	3,052.01	2,971.49	2,951.00	18.24	11.48	-164.20	-319.72	-260.54	1,203.53	1,180.01	23.52	51.164			
3,300.00	3,145.62	3,062.31	3,040.90	18.92	11.87	-164.11	-325.86	-271.97	1,245.34	1,221.02	24.31	51.218			
3,400.00	3,239.22	3,153.14	3,130.79	19.60	12.26	-164.03	-332.01	-283.40	1,287.14	1,262.04	25.11	51.266			
3,500.00	3,332.83	3,243.96	3,220.68	20.28	12.66	-163.94	-338.15	-294.82	1,328.95	1,303.05	25.90	51.311			
3,600.00	3,426.44	3,334.79	3,310.58	20.96	13.05	-163.87	-344.29	-306.25	1,370.76	1,344.07	26.69	51.351			
3,700.00	3,520.04	3,425.61	3,400.47	21.64	13.44	-163.80	-350.43	-317.68	1,412.57	1,385.08	27.49	51.389			
3,800.00	3,613.65	3,516.44	3,490.37	22.32	13.83	-163.73	-356.58	-329.10	1,454.39	1,426.10	28.28	51.423			
3,900.00	3,707.26	3,607.27	3,580.26	23.00	14.22	-163.67	-362.72	-340.53	1,496.20	1,467.12	29.08	51.454			
4,000.00	3,800.86	3,698.09	3,670.16	23.68	14.61	-163.61	-368.86	-351.95	1,538.02	1,508.14	29.87	51.483			
4,100.00	3,894.47	3,788.92	3,760.05	24.36	15.01	-163.55	-375.01	-363.38	1,579.83	1,549.16	30.67	51.510			
4,200.00	3,988.08	3,879.74	3,849.94	25.04	15.40	-163.49	-381.15	-374.81	1,621.65	1,590.19	31.47	51.535			
4,300.00	4,081.68	3,970.57	3,939.84	25.72	15.79	-163.44	-387.29	-386.23	1,663.47	1,631.21	32.26	51.558			
4,400.00	4,175.29	4,061.39	4,029.73	26.40	16.18	-163.39	-393.43	-397.66	1,705.30	1,672.23	33.06	51.579			
4,500.00	4,268.90	4,152.22	4,119.63	27.08	16.58	-163.35	-399.58	-409.09	1,747.12	1,713.26	33.86	51.599			
4,600.00	4,362.51	4,243.04	4,209.52	27.76	16.97	-163.30	-405.72	-420.51	1,788.94	1,754.28	34.66	51.617			
4,700.00	4,456.11	4,333.87	4,299.42	28.44	17.36	-163.26	-411.86	-431.94	1,830.77	1,795.31	35.46	51.634			
4,800.00	4,549.72	4,424.69	4,389.31	29.12	17.76	-163.22	-418.01	-443.37	1,872.59	1,836.33	36.26	51.650			
4,900.00	4,643.33	4,515.52	4,479.20	29.80	18.15	-163.18	-424.15	-454.79	1,914.42	1,877.36	37.05	51.665			
5,000.00	4,736.93	4,606.35	4,569.10	30.48	18.54	-163.14	-430.29	-466.22	1,956.24	1,918.39	37.85	51.678			
5,100.00	4,830.54	4,697.17	4,658.99	31.16	18.94	-163.11	-436.44	-477.64	1,998.07	1,959.41	38.65	51.691			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	4,788.00	4,748.89	31.84	19.33	-163.07	-442.58	-489.07	2,039.90	2,000.44	39.45	51.703		
5,300.00	5,017.75	4,878.82	4,838.78	32.52	19.72	-163.04	-448.72	-500.50	2,081.72	2,041.47	40.25	51.714		
5,400.00	5,111.36	4,969.65	4,928.68	33.20	20.12	-163.01	-454.86	-511.92	2,123.55	2,082.50	41.06	51.724		
5,500.00	5,204.97	5,060.47	5,018.57	33.88	20.51	-162.98	-461.01	-523.35	2,165.38	2,123.53	41.86	51.734		
5,600.00	5,298.57	5,151.30	5,108.46	34.56	20.90	-162.95	-467.15	-534.78	2,207.21	2,164.55	42.66	51.742		
5,700.00	5,392.18	5,242.12	5,198.36	35.25	21.30	-162.92	-473.29	-546.20	2,249.04	2,205.58	43.46	51.751		
5,800.00	5,485.79	5,332.95	5,288.25	35.93	21.69	-162.90	-479.44	-557.63	2,290.87	2,246.61	44.26	51.758		
5,900.00	5,579.40	5,423.78	5,378.15	36.61	22.09	-162.87	-485.58	-569.06	2,332.70	2,287.64	45.06	51.765		
6,000.00	5,673.00	5,514.60	5,468.04	37.29	22.48	-162.85	-491.72	-580.48	2,374.53	2,328.67	45.87	51.772		
6,100.00	5,766.61	5,605.43	5,557.94	37.97	22.87	-162.82	-497.87	-591.91	2,416.37	2,369.70	46.67	51.778		
6,200.00	5,860.22	5,703.75	5,647.83	38.65	23.30	-162.80	-504.01	-603.33	2,458.20	2,410.70	47.50	51.750		
6,300.00	5,953.82	5,787.08	5,737.72	39.33	23.66	-162.78	-510.15	-614.76	2,500.03	2,451.76	48.27	51.788		
6,400.00	6,047.43	5,877.90	5,827.62	40.02	24.06	-162.75	-516.29	-626.19	2,541.86	2,492.79	49.08	51.793		
6,500.00	6,141.04	5,968.73	5,917.51	40.70	24.45	-162.73	-522.44	-637.61	2,583.70	2,533.82	49.88	51.797		
6,600.00	6,234.64	6,059.55	6,007.41	41.38	24.85	-162.71	-528.58	-649.04	2,625.53	2,574.84	50.68	51.801		
6,700.00	6,328.25	6,150.38	6,097.30	42.06	25.24	-162.69	-534.72	-660.47	2,667.36	2,615.87	51.49	51.805		
6,800.00	6,421.86	6,241.20	6,187.19	42.74	25.63	-162.67	-540.87	-671.89	2,709.20	2,656.90	52.29	51.808		
6,900.00	6,515.47	6,332.03	6,277.09	43.42	26.03	-162.65	-547.01	-683.32	2,751.03	2,697.93	53.10	51.811		
7,000.00	6,609.07	6,422.86	6,366.98	44.10	26.42	-162.64	-553.15	-694.74	2,792.86	2,738.96	53.90	51.814		
7,100.00	6,702.68	6,513.68	6,456.88	44.79	26.82	-162.62	-559.29	-706.17	2,834.70	2,779.99	54.71	51.816		
7,200.00	6,796.29	6,604.51	6,546.77	45.47	27.21	-162.60	-565.44	-717.60	2,876.53	2,821.02	55.51	51.818		
7,300.00	6,889.89	6,704.67	6,636.67	46.15	27.65	-162.59	-571.58	-729.02	2,918.37	2,862.01	56.36	51.784		
7,400.00	6,983.50	6,786.16	6,726.56	46.83	28.00	-162.57	-577.72	-740.45	2,960.20	2,903.08	57.12	51.821		
7,500.00	7,077.11	6,876.98	6,816.45	47.51	28.40	-162.55	-583.87	-751.88	3,002.04	2,944.11	57.93	51.822		
7,600.00	7,170.71	6,967.81	6,906.35	48.19	28.79	-162.54	-590.01	-763.30	3,043.87	2,985.14	58.74	51.823		
7,700.00	7,264.32	7,058.63	6,996.24	48.88	29.18	-162.52	-596.15	-774.73	3,085.71	3,026.17	59.54	51.824		
7,800.00	7,357.90	7,149.49	7,086.17	49.56	29.58	-155.73	-602.30	-786.16	3,127.47	3,067.12	60.35	51.822		
7,900.00	7,450.12	7,240.00	7,271.10	50.26	31.68	-130.71	-615.13	-793.32	3,165.99	3,102.86	63.14	50.146		
8,000.00	7,538.18	7,330.06	7,361.56	50.97	30.60	-116.96	-633.39	-706.41	3,196.21	3,133.42	62.79	50.904		
8,100.00	7,619.40	7,417.75	7,448.48	51.66	30.63	-107.19	-638.35	-659.50	3,222.59	3,159.42	63.17	51.016		
8,200.00	7,691.32	7,495.75	7,523.18	52.34	30.64	-99.83	-639.37	-648.26	3,246.86	3,183.37	63.49	51.137		
8,300.00	7,751.74	7,566.17	7,586.06	53.00	30.63	-94.18	-638.80	-654.64	3,268.76	3,204.93	63.82	51.215		
8,400.00	7,798.84	7,633.49	7,658.79	53.64	30.63	-89.87	-637.41	-669.27	3,287.57	3,223.37	64.20	51.210		
8,500.00	7,831.18	7,693.69	7,715.23	54.26	30.62	-86.72	-635.55	-687.42	3,302.53	3,237.88	64.64	51.089		
8,600.00	7,847.78	7,700.00	7,751.51	54.86	30.60	-84.64	-633.39	-706.44	3,312.96	3,247.78	65.17	50.832		
8,700.00	7,850.00	7,756.37	7,807.04	55.46	30.58	-83.71	-631.04	-724.73	3,319.20	3,253.42	65.78	50.456		
8,800.00	7,850.00	7,753.47	7,803.63	56.13	30.56	-83.25	-629.03	-738.60	3,326.91	3,260.42	66.49	50.039		
8,900.00	7,850.00	7,750.81	7,800.32	56.90	30.54	-82.87	-627.34	-748.98	3,337.24	3,269.97	67.27	49.609		
9,000.00	7,850.00	7,748.19	7,819.34	57.76	30.51	-82.54	-625.92	-756.92	3,350.25	3,282.13	68.13	49.178		
9,100.00	7,850.00	7,747.73	7,819.07	58.72	30.49	-82.26	-624.71	-763.10	3,365.98	3,296.94	69.04	48.753		
9,200.00	7,850.00	7,745.00	7,825.55	59.79	30.47	-81.90	-623.19	-770.09	3,384.44	3,314.46	69.98	48.364		
9,300.00	7,850.00	7,745.00	7,825.55	60.96	30.47	-81.90	-623.19	-770.09	3,405.59	3,334.55	71.05	47.932		
9,400.00	7,850.00	7,743.63	7,825.96	62.23	30.44	-81.62	-621.98	-775.12	3,429.42	3,357.37	72.05	47.595		
9,500.00	7,850.00	7,742.72	7,825.44	63.60	30.42	-81.45	-621.28	-777.75	3,455.90	3,382.79	73.11	47.270		
9,600.00	7,850.00	7,740.00	7,834.44	65.07	30.38	-81.07	-619.68	-783.18	3,485.07	3,410.97	74.10	47.033		
9,700.00	7,850.00	7,740.00	7,834.44	66.63	30.38	-81.07	-619.68	-783.18	3,516.63	3,441.42	75.22	46.754		
9,800.00	7,850.00	7,740.00	7,834.44	68.28	30.38	-81.07	-619.68	-783.18	3,550.73	3,474.41	76.33	46.520		
9,900.00	7,850.00	7,740.00	7,834.44	70.00	30.38	-81.07	-619.68	-783.18	3,587.30	3,509.88	77.42	46.334		
10,000.00	7,850.00	7,740.00	7,834.44	71.80	30.38	-81.07	-619.68	-783.18	3,626.26	3,547.75	78.50	46.193		
10,100.00	7,850.00	7,738.18	7,816.74	73.67	30.35	-80.77	-618.40	-786.88	3,667.35	3,587.91	79.45	46.161		
10,200.00	7,850.00	7,737.12	7,812.08	75.60	30.34	-80.69	-618.06	-787.76	3,710.75	3,630.30	80.45	46.125		
10,300.00	7,850.00	7,737.76	7,807.79	77.59	30.33	-80.62	-617.75	-788.53	3,756.28	3,674.86	81.43	46.131		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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 2-T4S-R65W - PROSPER FARMS 4-65 2-1-6 3CH - OWB - PROPOSAL 1	Offset Site Error:	0.00 usft
Survey Program:													0-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,400.00	7,850.00	7,368.74	7,303.85	79.62	30.32	-80.55	-617.47	-789.21	3,803.88	3,721.51	82.38	46.177			
10,500.00	7,850.00	7,350.00	7,285.37	81.71	30.28	-80.23	-616.14	-792.02	3,853.61	3,770.41	83.20	46.318			
10,600.00	7,850.00	7,350.00	7,285.37	83.83	30.28	-80.23	-616.14	-792.02	3,905.06	3,820.95	84.11	46.427			
10,700.00	7,850.00	7,350.00	7,285.37	86.00	30.28	-80.23	-616.14	-792.02	3,958.38	3,873.39	84.99	46.574			
10,800.00	7,850.00	7,350.00	7,285.37	88.20	30.28	-80.23	-616.14	-792.02	4,013.48	3,927.64	85.84	46.757			
10,900.00	7,850.00	7,350.00	7,285.37	90.43	30.28	-80.23	-616.14	-792.02	4,070.28	3,983.63	86.65	46.974			
11,000.00	7,850.00	7,350.00	7,285.37	92.69	30.28	-80.23	-616.14	-792.02	4,128.73	4,041.31	87.43	47.224			
11,100.00	7,850.00	7,350.00	7,285.37	94.98	30.28	-80.23	-616.14	-792.02	4,188.76	4,100.58	88.18	47.505			
11,200.00	7,850.00	7,350.00	7,285.37	97.29	30.28	-80.23	-616.14	-792.02	4,250.28	4,161.39	88.89	47.815			
11,300.00	7,850.00	7,350.00	7,285.37	99.62	30.28	-80.23	-616.14	-792.02	4,313.25	4,223.68	89.57	48.153			
11,400.00	7,850.00	7,350.00	7,285.37	101.98	30.28	-80.23	-616.14	-792.02	4,377.60	4,287.37	90.23	48.518			
11,500.00	7,850.00	7,350.00	7,285.37	104.35	30.28	-80.23	-616.14	-792.02	4,443.27	4,352.42	90.85	48.908			
11,600.00	7,850.00	7,350.00	7,285.37	106.74	30.28	-80.23	-616.14	-792.02	4,510.19	4,418.75	91.44	49.321			
11,700.00	7,850.00	7,350.00	7,285.37	109.15	30.28	-80.23	-616.14	-792.02	4,578.33	4,486.32	92.01	49.758			
11,800.00	7,850.00	7,350.00	7,285.37	111.57	30.28	-80.23	-616.14	-792.02	4,647.61	4,555.06	92.55	50.215			
11,900.00	7,850.00	7,350.00	7,285.37	114.01	30.28	-80.23	-616.14	-792.02	4,718.00	4,624.93	93.07	50.693			
12,000.00	7,850.00	7,350.00	7,285.37	116.46	30.28	-80.23	-616.14	-792.02	4,789.45	4,695.88	93.56	51.190			
12,100.00	7,850.00	7,350.00	7,285.37	118.92	30.28	-80.23	-616.14	-792.02	4,861.90	4,767.86	94.03	51.705			
12,200.00	7,850.00	7,328.40	7,263.96	121.39	30.23	-79.86	-614.62	-794.51	4,934.96	4,840.61	94.34	52.308			
12,300.00	7,850.00	7,327.12	7,262.70	123.88	30.23	-79.84	-614.53	-794.63	5,009.24	4,914.48	94.76	52.861			
12,400.00	7,850.00	7,325.91	7,261.49	126.37	30.22	-79.82	-614.44	-794.74	5,084.41	4,989.25	95.16	53.428			
12,500.00	7,850.00	7,324.75	7,260.34	128.87	30.22	-79.80	-614.36	-794.85	5,160.42	5,064.87	95.54	54.011			
12,600.00	7,850.00	7,323.64	7,259.24	131.38	30.22	-79.78	-614.28	-794.95	5,237.23	5,141.32	95.91	54.607			
12,700.00	7,850.00	7,322.57	7,258.18	133.90	30.21	-79.76	-614.21	-795.04	5,314.81	5,218.55	96.26	55.216			
12,800.00	7,850.00	7,321.55	7,257.16	136.42	30.21	-79.75	-614.14	-795.13	5,393.13	5,296.54	96.59	55.837			
12,900.00	7,850.00	7,300.00	7,235.71	138.96	30.16	-79.38	-612.62	-796.54	5,472.48	5,375.71	96.77	56.552			
13,000.00	7,850.00	7,300.00	7,235.71	141.49	30.16	-79.38	-612.62	-796.54	5,552.15	5,455.07	97.08	57.192			
13,100.00	7,850.00	7,300.00	7,235.71	144.04	30.16	-79.38	-612.62	-796.54	5,632.47	5,535.10	97.37	57.844			
13,200.00	7,850.00	7,300.00	7,235.71	146.59	30.16	-79.38	-612.62	-796.54	5,713.41	5,615.75	97.66	58.506			
13,300.00	7,850.00	7,300.00	7,235.71	149.15	30.16	-79.38	-612.62	-796.54	5,794.94	5,697.02	97.92	59.178			
13,400.00	7,850.00	7,300.00	7,235.71	151.71	30.16	-79.38	-612.62	-796.54	5,877.05	5,778.87	98.18	59.858			
13,500.00	7,850.00	7,300.00	7,235.71	154.27	30.16	-79.38	-612.62	-796.54	5,959.70	5,861.27	98.43	60.548			
13,600.00	7,850.00	7,300.00	7,235.71	156.84	30.16	-79.38	-612.62	-796.54	6,042.88	5,944.21	98.67	61.246			
13,700.00	7,850.00	7,300.00	7,235.71	159.42	30.16	-79.38	-612.62	-796.54	6,126.56	6,027.66	98.89	61.952			
13,800.00	7,850.00	7,300.00	7,235.71	162.00	30.16	-79.38	-612.62	-796.54	6,210.72	6,111.61	99.11	62.666			
13,900.00	7,850.00	7,300.00	7,235.71	164.58	30.16	-79.38	-612.62	-796.54	6,295.34	6,196.03	99.32	63.387			
14,000.00	7,850.00	7,300.00	7,235.71	167.17	30.16	-79.38	-612.62	-796.54	6,380.41	6,280.90	99.52	64.115			
14,100.00	7,850.00	7,300.00	7,235.71	169.76	30.16	-79.38	-612.62	-796.54	6,465.91	6,366.20	99.71	64.849			
14,200.00	7,850.00	7,300.00	7,235.71	172.35	30.16	-79.38	-612.62	-796.54	6,551.82	6,451.93	99.89	65.590			
14,300.00	7,850.00	7,300.00	7,235.71	174.95	30.16	-79.38	-612.62	-796.54	6,638.12	6,538.05	100.07	66.337			
14,400.00	7,850.00	7,300.00	7,235.71	177.55	30.16	-79.38	-612.62	-796.54	6,724.80	6,624.57	100.24	67.089			
14,500.00	7,850.00	7,300.00	7,235.71	180.15	30.16	-79.38	-612.62	-796.54	6,811.85	6,711.45	100.40	67.847			
14,600.00	7,850.00	7,300.00	7,235.71	182.76	30.16	-79.38	-612.62	-796.54	6,899.25	6,798.69	100.56	68.609			
14,700.00	7,850.00	7,300.00	7,235.71	185.37	30.16	-79.38	-612.62	-796.54	6,986.98	6,886.27	100.71	69.377			
14,800.00	7,850.00	7,300.00	7,235.71	187.98	30.16	-79.38	-612.62	-796.54	7,075.05	6,974.19	100.86	70.150			
14,900.00	7,850.00	7,300.00	7,235.71	190.59	30.16	-79.38	-612.62	-796.54	7,163.42	7,062.42	101.00	70.927			
15,000.00	7,850.00	7,300.00	7,235.71	193.21	30.16	-79.38	-612.62	-796.54	7,252.10	7,150.96	101.13	71.708			
15,100.00	7,850.00	7,300.00	7,235.71	195.83	30.16	-79.38	-612.62	-796.54	7,341.07	7,239.80	101.27	72.493			
15,200.00	7,850.00	7,300.00	7,235.71	198.45	30.16	-79.38	-612.62	-796.54	7,430.32	7,328.92	101.39	73.282			
15,300.00	7,850.00	7,300.00	7,235.71	201.07	30.16	-79.38	-612.62	-796.54	7,519.83	7,418.32	101.52	74.075			
15,400.00	7,850.00	7,300.00	7,235.71	203.70	30.16	-79.38	-612.62	-796.54	7,609.61	7,507.98	101.64	74.871			
15,500.00	7,850.00	7,300.00	7,235.71	206.32	30.16	-79.38	-612.62	-796.54	7,699.65	7,597.90	101.75	75.671			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,850.00	7,300.00	7,235.71	208.95	30.16	-79.38	-612.62	-796.54	7,789.92	7,688.06	101.86	76.474		
15,700.00	7,850.00	7,300.00	7,235.71	211.58	30.16	-79.38	-612.62	-796.54	7,880.43	7,778.46	101.97	77.280		
15,800.00	7,850.00	7,300.00	7,235.71	214.21	30.16	-79.38	-612.62	-796.54	7,971.17	7,869.09	102.08	78.089		
15,900.00	7,850.00	7,300.00	7,235.71	216.85	30.16	-79.38	-612.62	-796.54	8,062.13	7,959.95	102.18	78.901		
16,000.00	7,850.00	7,300.00	7,235.71	219.48	30.16	-79.38	-612.62	-796.54	8,153.29	8,051.01	102.28	79.715		
16,100.00	7,850.00	7,300.00	7,235.71	222.12	30.16	-79.38	-612.62	-796.54	8,244.67	8,142.29	102.38	80.532		
16,200.00	7,850.00	7,300.00	7,235.71	224.76	30.16	-79.38	-612.62	-796.54	8,336.24	8,233.77	102.47	81.351		
16,300.00	7,850.00	7,300.00	7,235.71	227.39	30.16	-79.38	-612.62	-796.54	8,428.00	8,325.44	102.56	82.173		
16,400.00	7,850.00	7,300.00	7,235.71	230.03	30.16	-79.38	-612.62	-796.54	8,519.95	8,417.29	102.65	82.996		
16,500.00	7,850.00	7,300.00	7,235.71	232.68	30.16	-79.38	-612.62	-796.54	8,612.07	8,509.33	102.74	83.822		
16,600.00	7,850.00	7,300.00	7,235.71	235.32	30.16	-79.38	-612.62	-796.54	8,704.38	8,601.55	102.83	84.650		
16,700.00	7,850.00	7,300.00	7,235.71	237.96	30.16	-79.38	-612.62	-796.54	8,796.85	8,693.93	102.91	85.479		
16,800.00	7,850.00	7,300.00	7,235.71	240.61	30.16	-79.38	-612.62	-796.54	8,889.48	8,786.48	102.99	86.311		
16,900.00	7,850.00	7,300.00	7,235.71	243.26	30.16	-79.38	-612.62	-796.54	8,982.27	8,879.19	103.07	87.144		
17,000.00	7,850.00	7,300.00	7,235.71	245.90	30.16	-79.38	-612.62	-796.54	9,075.21	8,972.06	103.15	87.978		
17,100.00	7,850.00	7,300.00	7,235.71	248.55	30.16	-79.38	-612.62	-796.54	9,168.30	9,065.07	103.23	88.814		
17,200.00	7,850.00	7,300.00	7,235.71	251.20	30.16	-79.38	-612.62	-796.54	9,261.54	9,158.23	103.31	89.652		
17,300.00	7,850.00	7,300.00	7,235.71	253.85	30.16	-79.38	-612.62	-796.54	9,354.92	9,251.54	103.38	90.491		
17,400.00	7,850.00	7,300.00	7,235.71	256.50	30.16	-79.38	-612.62	-796.54	9,448.43	9,344.97	103.45	91.331		
17,500.00	7,850.00	7,300.00	7,235.71	259.16	30.16	-79.38	-612.62	-796.54	9,542.07	9,438.55	103.52	92.172		
17,600.00	7,850.00	7,300.00	7,235.71	261.81	30.16	-79.38	-612.62	-796.54	9,635.84	9,532.25	103.60	93.014		
17,700.00	7,850.00	7,300.00	7,235.71	264.47	30.16	-79.38	-612.62	-796.54	9,729.74	9,626.07	103.66	93.858		
17,800.00	7,850.00	7,300.00	7,235.71	267.12	30.16	-79.38	-612.62	-796.54	9,823.75	9,720.02	103.73	94.702		
17,900.00	7,850.00	7,300.00	7,235.71	269.78	30.16	-79.38	-612.62	-796.54	9,917.88	9,814.08	103.80	95.548		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	46.81	46.81	0.00	0.06	-130.49	-1,158.41	-1,356.69	1,783.98					
100.00	100.00	144.15	144.15	0.13	0.33	-130.49	-1,158.77	-1,357.29	1,784.69	1,784.23	0.46	3,880.345		
200.00	200.00	247.31	247.30	0.49	0.69	-130.48	-1,158.85	-1,357.92	1,785.20	1,784.01	1.19	1,504.544		
300.00	299.98	346.92	346.92	0.85	1.05	-123.48	-1,158.87	-1,358.49	1,786.62	1,784.71	1.90	939.186		
400.00	399.84	446.74	446.73	1.22	1.41	-123.56	-1,158.99	-1,359.02	1,789.99	1,787.36	2.62	682.332		
500.00	499.45	548.36	548.35	1.59	1.77	-123.70	-1,159.19	-1,359.40	1,795.24	1,791.88	3.36	534.754		
600.00	598.70	648.05	648.04	1.97	2.13	-123.90	-1,159.42	-1,359.65	1,802.40	1,798.31	4.10	440.134		
700.00	697.47	746.58	746.57	2.38	2.48	-124.16	-1,159.69	-1,359.88	1,811.58	1,806.74	4.84	373.954		
800.00	795.62	845.27	845.26	2.82	2.83	-124.47	-1,159.95	-1,360.07	1,822.80	1,817.19	5.61	324.720		
900.00	893.06	941.89	941.87	3.29	3.18	-124.81	-1,160.23	-1,360.25	1,836.15	1,829.75	6.40	287.017		
1,000.00	989.64	1,038.14	1,038.13	3.79	3.52	-125.20	-1,160.51	-1,360.49	1,851.73	1,844.52	7.20	257.020		
1,100.00	1,085.27	1,134.35	1,134.33	4.34	3.87	-125.62	-1,160.74	-1,360.73	1,869.52	1,861.48	8.04	232.600		
1,200.00	1,179.82	1,228.53	1,228.52	4.93	4.20	-126.06	-1,160.95	-1,360.98	1,889.64	1,880.75	8.89	212.591		
1,300.00	1,273.48	1,322.08	1,322.07	5.56	4.54	-126.77	-1,161.22	-1,361.19	1,911.66	1,901.91	9.76	195.966		
1,400.00	1,367.08	1,416.37	1,416.35	6.19	4.87	-127.58	-1,161.52	-1,361.34	1,934.16	1,923.53	10.62	182.039		
1,500.00	1,460.69	1,509.49	1,509.48	6.84	5.20	-128.37	-1,161.84	-1,361.41	1,957.00	1,945.51	11.49	170.312		
1,600.00	1,554.30	1,600.73	1,600.72	7.50	5.53	-129.12	-1,162.23	-1,361.53	1,980.30	1,967.95	12.35	160.364		
1,700.00	1,647.90	1,692.41	1,692.39	8.15	5.86	-129.86	-1,162.69	-1,361.70	2,004.06	1,990.85	13.21	151.742		
1,800.00	1,741.51	1,784.96	1,784.94	8.82	6.19	-130.60	-1,163.28	-1,361.83	2,028.23	2,014.16	14.07	144.200		
1,900.00	1,835.12	1,878.50	1,878.48	9.48	6.52	-131.33	-1,163.88	-1,361.96	2,052.74	2,037.82	14.92	137.543		
2,000.00	1,928.73	1,971.88	1,971.85	10.15	6.85	-132.04	-1,164.45	-1,362.14	2,077.58	2,061.80	15.78	131.661		
2,100.00	2,022.33	2,065.09	2,065.07	10.82	7.19	-132.73	-1,165.00	-1,362.34	2,102.74	2,086.11	16.63	126.433		
2,200.00	2,115.94	2,158.62	2,158.59	11.49	7.52	-133.41	-1,165.54	-1,362.57	2,128.20	2,110.72	17.48	121.749		
2,300.00	2,209.55	2,253.86	2,253.83	12.16	7.86	-134.08	-1,166.04	-1,362.81	2,153.93	2,135.60	18.33	117.493		
2,400.00	2,303.15	2,390.84	2,390.80	12.83	8.34	-135.00	-1,166.54	-1,363.29	2,179.41	2,160.06	19.34	112.684		
2,500.00	2,396.76	2,571.31	2,571.06	13.51	8.94	-136.07	-1,166.98	-1,362.96	2,201.04	2,180.56	20.48	107.473		
2,600.00	2,490.37	2,678.40	2,677.92	14.18	9.30	-136.67	-1,167.44	-1,362.15	2,221.56	2,200.22	21.35	104.059		
2,700.00	2,583.97	2,784.37	2,783.63	14.86	9.66	-137.25	-1,167.92	-1,361.21	2,241.85	2,219.64	22.21	100.923		
2,800.00	2,677.58	2,856.90	2,856.00	15.53	9.90	-137.65	-1,168.41	-1,360.57	2,262.63	2,239.67	22.96	98.567		
2,900.00	2,771.19	2,946.54	2,945.49	16.21	10.21	-138.13	-1,168.91	-1,359.98	2,284.25	2,260.49	23.76	96.156		
3,000.00	2,864.79	3,043.91	3,042.68	16.89	10.54	-138.65	-1,169.42	-1,359.38	2,306.07	2,281.49	24.58	93.807		
3,100.00	2,958.40	3,147.43	3,146.00	17.57	10.90	-139.18	-1,170.00	-1,358.81	2,327.87	2,302.43	25.43	91.529		
3,200.00	3,052.01	3,241.37	3,239.76	18.24	11.22	-139.66	-1,170.61	-1,358.15	2,349.66	2,323.42	26.24	89.531		
3,300.00	3,145.62	3,331.09	3,329.32	18.92	11.54	-140.11	-1,171.26	-1,357.48	2,371.79	2,344.75	27.04	87.727		
3,400.00	3,239.22	3,409.17	3,407.26	19.60	11.81	-140.49	-1,171.95	-1,356.81	2,394.51	2,366.73	27.78	86.194		
3,500.00	3,332.83	3,495.47	3,493.40	20.28	12.11	-140.88	-1,172.68	-1,356.14	2,418.02	2,389.46	28.56	84.672		
3,600.00	3,426.44	3,590.72	3,588.49	20.96	12.45	-141.30	-1,173.46	-1,355.47	2,441.79	2,412.42	29.37	83.138		
3,700.00	3,520.04	3,690.22	3,687.83	21.64	12.80	-141.74	-1,174.28	-1,354.80	2,465.62	2,435.42	30.20	81.650		
3,800.00	3,613.65	3,788.68	3,786.16	22.32	13.14	-142.20	-1,175.14	-1,354.13	2,489.40	2,458.39	31.01	80.269		
3,900.00	3,707.26	3,891.30	3,888.64	23.00	13.51	-142.67	-1,176.04	-1,353.46	2,513.18	2,481.34	31.84	78.922		
4,000.00	3,800.86	3,990.50	3,987.68	23.68	13.86	-143.11	-1,176.98	-1,352.79	2,536.84	2,504.18	32.66	77.678		
4,100.00	3,894.47	4,081.96	4,079.01	24.36	14.18	-143.52	-1,177.96	-1,352.12	2,560.63	2,527.19	33.44	76.580		
4,200.00	3,988.08	4,172.65	4,169.57	25.04	14.50	-143.92	-1,178.98	-1,351.45	2,584.74	2,550.52	34.21	75.552		
4,300.00	4,081.68	4,272.87	4,269.64	25.72	14.86	-144.32	-1,180.04	-1,350.78	2,609.01	2,573.98	35.03	74.482		
4,400.00	4,175.29	4,363.05	4,359.66	26.40	15.18	-144.68	-1,181.14	-1,350.11	2,633.31	2,597.51	35.80	73.554		
4,500.00	4,268.90	4,444.09	4,440.58	27.08	15.47	-145.00	-1,182.28	-1,349.44	2,658.10	2,621.57	36.53	72.765		
4,600.00	4,362.51	4,548.99	4,545.34	27.76	15.84	-145.41	-1,183.46	-1,348.77	2,683.31	2,645.95	37.36	71.817		
4,700.00	4,456.11	4,648.27	4,644.48	28.44	16.20	-145.80	-1,184.68	-1,348.10	2,708.10	2,669.93	38.17	70.951		
4,800.00	4,549.72	4,731.92	4,728.02	29.12	16.50	-146.13	-1,185.94	-1,347.43	2,733.19	2,694.29	38.90	70.263		
4,900.00	4,643.33	4,873.84	4,869.74	29.80	17.00	-146.67	-1,187.24	-1,346.67	2,758.20	2,718.31	39.89	69.145		
5,000.00	4,736.93	4,956.69	4,952.44	30.48	17.30	-146.98	-1,188.58	-1,345.91	2,782.50	2,741.89	40.62	68.508		
5,100.00	4,830.54	5,030.19	5,025.83	31.16	17.56	-147.26	-1,189.96	-1,345.15	2,807.36	2,766.06	41.29	67.984		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
SEC 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 1H - OWB - FINAL SURVEY													Offset Well Error:	0.00 usft
Survey Program: 83-MWD OWSG														
Reference				Offset		Semi Major Axis			Distance				Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	4,924.15	5,113.87	5,109.40	31.84	17.86	-147.57	-1,012.42	-1,354.46	2,832.91	2,790.89	42.02	67.422		
5,300.00	5,017.75	5,205.75	5,201.15	32.52	18.19	-147.88	-1,007.55	-1,355.23	2,858.79	2,816.01	42.78	66.819		
5,400.00	5,111.36	5,285.00	5,280.28	33.20	18.48	-148.13	-1,003.35	-1,356.31	2,884.98	2,841.49	43.49	66.337		
5,500.00	5,204.97	5,366.08	5,361.28	33.88	18.77	-148.39	-999.78	-1,357.22	2,911.90	2,867.70	44.20	65.882		
5,600.00	5,298.57	5,555.16	5,550.07	34.56	19.45	-149.00	-989.66	-1,357.84	2,938.05	2,892.63	45.42	64.682		
5,700.00	5,392.18	5,645.76	5,640.43	35.25	19.78	-149.28	-983.04	-1,357.51	2,962.05	2,915.87	46.18	64.142		
5,800.00	5,485.79	5,707.32	5,701.87	35.93	20.01	-149.48	-979.12	-1,357.41	2,987.02	2,940.23	46.80	63.829		
5,900.00	5,579.40	5,785.30	5,779.73	36.61	20.29	-149.72	-974.81	-1,357.46	3,012.89	2,965.41	47.49	63.446		
6,000.00	5,673.00	5,858.04	5,852.38	37.29	20.55	-149.94	-971.19	-1,357.75	3,039.45	2,991.31	48.15	63.127		
6,100.00	5,766.61	5,956.26	5,950.49	37.97	20.90	-150.23	-966.74	-1,358.54	3,066.63	3,017.69	48.94	62.667		
6,200.00	5,860.22	6,038.85	6,032.98	38.65	21.20	-150.46	-962.67	-1,359.40	3,093.62	3,043.97	49.64	62.316		
6,300.00	5,953.82	6,178.50	6,172.44	39.33	21.71	-150.84	-955.89	-1,361.52	3,121.11	3,070.47	50.64	61.628		
6,400.00	6,047.43	6,267.90	6,261.69	40.02	22.03	-151.08	-950.62	-1,362.46	3,147.34	3,095.95	51.39	61.245		
6,500.00	6,141.04	6,330.83	6,324.52	40.70	22.26	-151.24	-947.24	-1,363.27	3,174.18	3,122.19	52.00	61.044		
6,600.00	6,234.64	6,423.39	6,416.96	41.38	22.59	-151.48	-942.98	-1,364.90	3,201.91	3,149.15	52.76	60.691		
6,700.00	6,328.25	6,576.17	6,569.49	42.06	23.15	-151.88	-934.46	-1,365.96	3,228.39	3,174.58	53.82	59.987		
6,800.00	6,421.86	6,650.00	6,643.21	42.74	23.42	-152.09	-930.41	-1,365.45	3,254.65	3,200.17	54.48	59.746		
6,900.00	6,515.47	6,693.19	6,686.36	43.42	23.57	-152.21	-928.58	-1,365.11	3,282.03	3,227.06	54.97	59.708		
7,000.00	6,609.07	6,745.00	6,738.15	44.10	23.76	-152.36	-927.23	-1,364.84	3,310.95	3,255.46	55.49	59.665		
7,100.00	6,702.68	6,806.66	6,799.80	44.79	23.97	-152.54	-926.34	-1,364.62	3,341.04	3,284.98	56.06	59.597		
7,200.00	6,796.29	6,895.25	6,888.39	45.47	24.28	-152.80	-925.48	-1,364.20	3,371.68	3,314.90	56.77	59.391		
7,300.00	6,889.89	6,991.57	6,984.71	46.15	24.62	-153.09	-924.63	-1,363.28	3,402.32	3,344.80	57.52	59.150		
7,400.00	6,983.50	7,080.14	7,073.26	46.83	24.92	-153.34	-923.87	-1,362.44	3,433.06	3,374.83	58.23	58.962		
7,500.00	7,077.11	7,164.83	7,157.95	47.51	25.22	-153.59	-923.35	-1,361.65	3,464.09	3,405.19	58.91	58.806		
7,600.00	7,170.71	7,249.00	7,242.12	48.19	25.51	-153.82	-922.97	-1,361.06	3,495.41	3,435.83	59.59	58.662		
7,700.00	7,264.32	7,300.21	7,293.32	48.88	25.69	-153.94	-922.74	-1,361.76	3,527.45	3,467.37	60.08	58.712		
7,800.00	7,357.90	7,343.00	7,336.02	49.56	25.83	-147.49	-922.59	-1,364.42	3,560.74	3,500.21	60.53	58.830		
7,900.00	7,450.12	7,375.00	7,367.84	50.26	25.94	-122.79	-922.57	-1,367.81	3,591.50	3,530.57	60.93	58.946		
8,000.00	7,538.18	7,406.00	7,398.52	50.97	26.05	-106.52	-922.65	-1,372.25	3,617.43	3,556.07	61.36	58.954		
8,100.00	7,619.40	7,438.00	7,429.97	51.66	26.16	-96.36	-922.87	-1,378.11	3,637.98	3,576.14	61.84	58.830		
8,200.00	7,691.32	7,495.34	7,485.66	52.34	26.35	-90.24	-923.26	-1,391.73	3,652.55	3,589.96	62.58	58.365		
8,300.00	7,751.74	7,541.10	7,529.33	53.00	26.50	-86.60	-923.11	-1,405.38	3,660.51	3,597.18	63.33	57.800		
8,400.00	7,798.84	7,577.34	7,563.28	53.64	26.62	-84.69	-922.92	-1,418.06	3,662.25	3,598.13	64.11	57.120		
8,500.00	7,831.18	7,621.35	7,603.62	54.26	26.77	-84.32	-922.49	-1,435.63	3,657.83	3,592.72	65.10	56.186		
8,600.00	7,847.78	7,644.42	7,624.36	54.86	26.84	-84.93	-922.23	-1,445.70	3,647.66	3,581.64	66.02	55.247		
8,700.00	7,850.00	7,659.00	7,637.31	55.46	26.89	-85.73	-922.12	-1,452.41	3,633.28	3,566.31	66.97	54.254		
8,800.00	7,850.00	7,675.01	7,651.35	56.13	26.94	-85.95	-922.09	-1,460.11	3,620.40	3,552.38	68.02	53.224		
8,900.00	7,850.00	7,690.00	7,664.30	56.90	26.99	-86.15	-922.17	-1,467.66	3,610.05	3,540.90	69.15	52.205		
9,000.00	7,850.00	7,704.93	7,677.00	57.76	27.04	-86.36	-922.34	-1,475.51	3,602.23	3,531.87	70.36	51.197		
9,100.00	7,850.00	7,722.00	7,691.27	58.72	27.10	-86.58	-922.69	-1,484.86	3,596.95	3,525.29	71.66	50.195		
9,200.00	7,850.00	7,741.22	7,706.99	59.79	27.17	-86.84	-923.25	-1,495.91	3,594.16	3,521.12	73.05	49.204		
9,263.30	7,850.00	7,753.00	7,716.42	60.52	27.22	-86.99	-923.66	-1,502.95	3,593.66	3,519.70	73.96	48.592		
9,300.00	7,850.00	7,766.44	7,726.99	60.96	27.27	-87.15	-924.18	-1,511.23	3,593.79	3,519.24	74.55	48.203		
9,400.00	7,850.00	7,817.28	7,765.25	62.23	27.47	-87.77	-926.42	-1,544.62	3,595.63	3,519.21	76.42	47.052		
9,500.00	7,850.00	7,886.57	7,812.08	63.60	27.81	-88.51	-929.28	-1,595.51	3,598.84	3,520.25	78.59	45.791		
9,600.00	7,850.00	8,131.00	7,907.78	65.07	29.61	-90.04	-933.23	-1,817.65	3,599.81	3,516.15	83.65	43.034		
9,700.00	7,850.00	8,194.66	7,912.64	66.63	30.25	-90.12	-933.63	-1,881.09	3,600.92	3,514.76	86.16	41.793		
9,800.00	7,850.00	8,249.80	7,914.04	68.28	30.86	-90.14	-934.46	-1,936.21	3,603.02	3,514.41	88.61	40.661		
9,900.00	7,850.00	8,302.76	7,913.53	70.00	31.50	-90.13	-936.27	-1,989.13	3,606.74	3,515.64	91.09	39.594		
10,000.00	7,850.00	8,478.07	7,911.85	71.80	33.93	-90.10	-940.79	-2,164.36	3,609.72	3,513.38	96.35	37.466		
10,100.00	7,850.00	10,100.00	7,914.50	73.67	61.62	-90.14	-942.32	-2,310.77	3,611.28	3,484.60	126.68	28.507		
10,200.00	7,850.00	8,814.84	7,917.85	75.60	39.83	-90.20	-939.69	-2,501.04	3,609.96	3,502.04	107.92	33.450		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,850.00	8,928.28	7,921.39	77.59	42.07	-90.25	-937.04	-2,614.39	3,608.11	3,495.49	112.62	32.038		
10,400.00	7,850.00	9,031.88	7,925.30	79.62	44.21	-90.32	-934.32	-2,717.88	3,605.97	3,488.81	117.17	30.777		
10,500.00	7,850.00	9,215.90	7,929.56	81.71	48.17	-90.38	-927.56	-2,901.72	3,602.90	3,478.75	124.14	29.022		
10,600.00	7,850.00	9,279.96	7,930.17	83.83	49.60	-90.39	-924.62	-2,965.71	3,598.82	3,471.10	127.73	28.175		
10,700.00	7,850.00	9,356.55	7,931.83	86.00	51.32	-90.42	-921.97	-3,042.23	3,595.81	3,464.09	131.72	27.300		
10,800.00	7,850.00	9,441.19	7,932.87	88.20	53.25	-90.44	-919.16	-3,126.82	3,592.99	3,457.01	135.98	26.422		
10,900.00	7,850.00	9,507.00	7,934.34	90.43	54.77	-90.46	-917.65	-3,192.59	3,591.14	3,451.44	139.71	25.705		
11,000.00	7,850.00	9,593.02	7,936.21	92.69	56.78	-90.49	-916.26	-3,278.58	3,590.00	3,445.91	144.09	24.916		
11,083.26	7,850.00	9,637.34	7,936.94	94.59	57.82	-90.50	-915.77	-3,322.89	3,589.50	3,442.62	146.89	24.437		
11,100.00	7,850.00	9,645.45	7,937.13	94.98	58.02	-90.51	-915.74	-3,331.00	3,589.52	3,442.10	147.42	24.348		
11,200.00	7,850.00	9,696.00	7,938.77	97.29	59.21	-90.53	-915.98	-3,381.52	3,590.48	3,439.79	150.69	23.826		
11,300.00	7,850.00	9,786.18	7,942.23	99.62	61.36	-90.59	-917.16	-3,471.63	3,592.30	3,437.02	155.28	23.135		
11,400.00	7,850.00	9,939.88	7,944.60	101.98	65.07	-90.63	-917.46	-3,625.29	3,592.72	3,430.74	161.98	22.179		
11,500.00	7,850.00	10,030.32	7,947.19	104.35	67.28	-90.67	-917.58	-3,715.70	3,593.35	3,426.70	166.65	21.563		
11,600.00	7,850.00	10,131.76	7,950.92	106.74	69.78	-90.73	-917.69	-3,817.07	3,593.98	3,422.28	171.70	20.932		
11,700.00	7,850.00	10,242.64	7,954.74	109.15	72.52	-90.79	-917.71	-3,927.88	3,594.52	3,417.42	177.09	20.298		
11,800.00	7,850.00	10,339.34	7,956.87	111.57	74.93	-90.82	-917.54	-4,024.56	3,594.84	3,412.81	182.03	19.749		
11,900.00	7,850.00	10,409.16	7,957.90	114.01	76.68	-90.84	-917.72	-4,094.37	3,595.62	3,409.55	186.07	19.324		
12,000.00	7,850.00	10,488.26	7,960.50	116.46	78.67	-90.88	-918.67	-4,173.42	3,597.30	3,406.87	190.44	18.890		
12,100.00	7,850.00	10,598.34	7,964.05	118.92	81.44	-90.93	-919.98	-4,283.44	3,599.02	3,403.14	195.88	18.373		
12,200.00	7,850.00	10,698.42	7,966.73	121.39	83.97	-90.98	-920.96	-4,383.47	3,600.52	3,399.52	201.00	17.913		
12,300.00	7,850.00	10,782.59	7,968.89	123.88	86.11	-91.01	-921.98	-4,467.61	3,602.25	3,396.68	205.58	17.523		
12,400.00	7,850.00	10,871.27	7,972.29	126.37	88.37	-91.06	-923.50	-4,556.21	3,604.49	3,394.17	210.32	17.138		
12,500.00	7,850.00	10,969.11	7,976.10	128.87	90.87	-91.12	-925.22	-4,653.96	3,606.80	3,391.41	215.39	16.745		
12,600.00	7,850.00	11,062.27	7,979.60	131.38	93.26	-91.18	-927.02	-4,747.04	3,609.28	3,388.97	220.31	16.383		
12,700.00	7,850.00	11,200.00	7,983.86	133.90	135.53	-91.25	-928.28	-4,962.25	3,610.52	3,344.31	266.21	13.563		
12,800.00	7,850.00	11,421.78	7,983.73	136.42	102.53	-91.24	-924.90	-5,106.43	3,608.37	3,372.21	236.16	15.280		
12,900.00	7,850.00	11,491.00	7,984.58	138.96	104.33	-91.26	-923.87	-5,175.63	3,607.24	3,366.92	240.33	15.010		
13,000.00	7,850.00	11,565.69	7,985.98	141.49	106.27	-91.28	-923.33	-5,250.30	3,606.92	3,362.24	244.68	14.742		
13,100.00	7,850.00	11,733.81	7,986.88	144.04	110.65	-91.30	-920.21	-5,418.39	3,605.46	3,353.28	252.19	14.297		
13,200.00	7,850.00	11,817.44	7,987.78	146.59	112.83	-91.31	-918.02	-5,501.98	3,603.36	3,346.49	256.87	14.028		
13,300.00	7,850.00	11,869.00	7,988.55	149.15	114.18	-91.32	-917.04	-5,553.53	3,602.14	3,341.67	260.46	13.830		
13,367.02	7,850.00	11,922.17	7,989.48	150.86	115.57	-91.34	-916.50	-5,606.69	3,601.84	3,338.34	263.50	13.669		
13,400.00	7,850.00	11,941.58	7,989.85	151.71	116.08	-91.34	-916.43	-5,626.09	3,601.90	3,337.15	264.75	13.605		
13,500.00	7,850.00	12,039.19	7,991.60	154.27	118.63	-91.37	-916.53	-5,723.69	3,602.50	3,332.60	269.91	13.347		
13,600.00	7,850.00	12,118.92	7,992.56	156.84	120.72	-91.39	-916.62	-5,803.41	3,603.14	3,328.70	274.44	13.129		
13,700.00	7,850.00	12,203.67	7,993.25	159.42	122.94	-91.40	-917.32	-5,888.15	3,604.44	3,325.29	279.15	12.912		
13,800.00	7,850.00	12,316.88	7,993.45	162.00	125.90	-91.40	-918.30	-6,001.35	3,605.80	3,320.93	284.87	12.658		
13,900.00	7,850.00	12,395.78	7,993.04	164.58	127.97	-91.39	-918.88	-6,080.26	3,607.02	3,317.65	289.37	12.465		
14,000.00	7,850.00	12,473.00	7,993.42	167.17	130.00	-91.40	-920.10	-6,157.46	3,609.07	3,315.26	293.81	12.284		
14,100.00	7,850.00	12,565.01	7,994.60	169.76	132.42	-91.42	-921.85	-6,249.45	3,611.46	3,312.68	298.78	12.087		
14,200.00	7,850.00	12,664.67	7,995.57	172.35	135.03	-91.43	-923.90	-6,349.09	3,614.02	3,309.98	304.03	11.887		
14,300.00	7,850.00	12,751.10	7,995.71	174.95	137.31	-91.43	-925.66	-6,435.49	3,616.55	3,307.75	308.80	11.711		
14,400.00	7,850.00	12,815.51	7,996.61	177.55	139.00	-91.45	-927.52	-6,499.87	3,619.93	3,307.19	312.75	11.575		
14,500.00	7,850.00	12,900.42	7,998.31	180.15	141.23	-91.47	-930.53	-6,584.71	3,624.01	3,306.56	317.45	11.416		
14,600.00	7,850.00	13,029.43	8,001.42	182.76	144.63	-91.52	-934.81	-6,713.61	3,627.84	3,304.02	323.82	11.203		
14,700.00	7,850.00	13,125.08	8,003.06	185.37	147.14	-91.54	-937.62	-6,809.20	3,631.30	3,302.37	328.94	11.039		
14,800.00	7,850.00	13,226.68	8,003.44	187.98	149.82	-91.55	-941.01	-6,910.75	3,635.13	3,300.85	334.28	10.874		
14,900.00	7,850.00	13,397.66	8,005.59	190.59	154.34	-91.58	-944.41	-7,081.67	3,637.56	3,295.37	342.19	10.630		
15,000.00	7,850.00	13,514.33	8,007.05	193.21	157.43	-91.60	-945.41	-7,198.33	3,638.92	3,290.84	348.08	10.454		
15,100.00	7,850.00	13,622.04	8,007.38	195.83	160.28	-91.61	-946.00	-7,306.04	3,639.95	3,286.29	353.66	10.292		
15,200.00	7,850.00	13,735.55	8,010.70	198.45	163.29	-91.66	-946.26	-7,419.49	3,640.73	3,281.30	359.44	10.129		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 83-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,300.00	7,850.00	13,881.66	8,012.85	201.07	167.17	-91.69	-945.44	-7,565.58	3,640.70	3,274.36	366.34	9.938		
15,400.00	7,850.00	14,072.67	8,013.48	203.70	172.25	-91.70	-941.22	-7,756.54	3,639.18	3,264.54	374.64	9.714		
15,500.00	7,850.00	14,188.89	8,013.78	206.32	175.35	-91.71	-936.04	-7,872.64	3,635.11	3,254.65	380.46	9.554		
15,600.00	7,850.00	14,258.00	8,015.25	208.95	177.19	-91.73	-933.57	-7,941.69	3,632.02	3,247.21	384.81	9.439		
15,700.00	7,850.00	14,398.85	8,019.37	211.58	180.94	-91.80	-928.67	-8,082.39	3,629.28	3,237.87	391.41	9.272		
15,800.00	7,850.00	14,516.37	8,021.47	214.21	184.08	-91.84	-922.65	-8,199.74	3,624.62	3,227.35	397.26	9.124		
15,900.00	7,850.00	14,576.46	8,022.74	216.85	185.68	-91.86	-919.92	-8,259.75	3,620.67	3,219.32	401.36	9.021		
16,000.00	7,850.00	14,637.00	8,024.38	219.48	187.29	-91.89	-918.06	-8,320.24	3,618.05	3,212.63	405.42	8.924		
16,100.00	7,850.00	14,728.07	8,027.03	222.12	189.72	-91.93	-915.85	-8,411.24	3,616.17	3,205.72	410.45	8.810		
16,200.00	7,850.00	14,781.91	8,028.43	224.76	191.16	-91.95	-914.80	-8,465.06	3,614.81	3,200.58	414.22	8.727		
16,245.68	7,850.00	14,805.81	8,028.96	225.96	191.80	-91.96	-914.58	-8,488.95	3,614.63	3,198.72	415.90	8.691		
16,300.00	7,850.00	14,840.75	8,029.63	227.39	192.73	-91.97	-914.48	-8,523.87	3,614.75	3,196.64	418.11	8.645		
16,400.00	7,850.00	14,932.46	8,029.98	230.03	195.17	-91.97	-914.52	-8,615.59	3,615.28	3,192.14	423.14	8.544		
16,500.00	7,850.00	15,012.29	8,029.78	232.68	197.30	-91.97	-914.91	-8,695.41	3,616.23	3,188.48	427.74	8.454		
16,600.00	7,850.00	15,085.06	8,030.38	235.32	199.23	-91.98	-915.71	-8,768.17	3,617.82	3,185.76	432.07	8.373		
16,700.00	7,850.00	15,221.37	8,032.90	237.96	202.87	-92.02	-917.29	-8,904.46	3,619.60	3,180.88	438.72	8.250		
16,800.00	7,850.00	15,314.85	8,034.39	240.61	205.36	-92.04	-917.85	-8,997.92	3,620.72	3,176.90	443.81	8.158		
16,900.00	7,850.00	15,397.91	8,036.96	243.26	207.57	-92.08	-918.53	-9,080.93	3,622.12	3,173.60	448.52	8.076		
17,000.00	7,850.00	15,517.40	8,041.90	245.90	210.76	-92.16	-919.26	-9,200.32	3,623.33	3,168.78	454.55	7.971		
17,100.00	7,850.00	15,611.90	8,046.56	248.55	213.28	-92.23	-919.82	-9,294.70	3,624.58	3,164.91	459.67	7.885		
17,200.00	7,850.00	15,738.84	8,052.03	251.20	216.66	-92.32	-920.14	-9,421.53	3,625.48	3,159.51	465.96	7.781		
17,300.00	7,850.00	15,841.38	8,054.98	253.85	219.40	-92.36	-919.91	-9,524.02	3,625.84	3,154.46	471.38	7.692		
17,400.00	7,850.00	15,949.71	8,056.53	256.50	222.29	-92.39	-919.75	-9,632.34	3,626.23	3,149.21	477.01	7.602		
17,500.00	7,850.00	16,012.24	8,056.73	259.16	223.96	-92.39	-919.80	-9,694.86	3,626.86	3,145.85	481.00	7.540		
17,600.00	7,850.00	16,071.71	8,057.46	261.81	225.55	-92.40	-920.61	-9,754.32	3,628.70	3,143.87	484.83	7.484		
17,700.00	7,850.00	16,153.00	8,058.93	264.47	227.72	-92.42	-922.25	-9,835.59	3,631.27	3,141.83	489.44	7.419		
17,800.00	7,850.00	16,233.98	8,060.36	267.12	229.88	-92.45	-924.31	-9,916.53	3,634.36	3,140.33	494.03	7.357		
17,900.00	7,850.00	16,375.35	8,060.37	269.78	233.65	-92.44	-927.84	-10,057.85	3,637.39	3,136.42	500.97	7.261		
18,000.00	7,850.00	16,528.72	8,058.44	272.43	237.74	-92.41	-929.42	-10,211.20	3,638.80	3,130.52	508.28	7.159		
18,100.00	7,850.00	16,630.26	8,057.24	275.09	240.46	-92.39	-929.75	-10,312.72	3,639.55	3,125.86	513.68	7.085		
18,200.00	7,850.00	16,688.29	8,057.27	277.75	242.01	-92.39	-930.26	-10,370.76	3,640.89	3,123.40	517.49	7.036		
18,300.00	7,850.00	16,782.17	8,058.81	280.41	244.52	-92.41	-931.89	-10,464.61	3,643.13	3,120.54	522.60	6.971		
18,400.00	7,850.00	16,956.90	8,060.71	283.07	249.19	-92.44	-932.61	-10,639.32	3,643.98	3,113.34	530.65	6.867		
18,500.00	7,850.00	16,985.00	8,060.83	285.73	249.94	-92.44	-932.47	-10,667.42	3,644.71	3,111.32	533.39	6.833		
18,566.61	7,850.00	16,985.00	8,060.83	287.50	249.94	-92.44	-932.47	-10,667.42	3,646.64	3,112.28	534.35	6.824 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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-39.94	1,305.93	-1,093.50	1,703.40					
100.00	100.00	74.87	74.87	0.13	0.18	-39.94	1,305.94	-1,093.60	1,703.37	1,703.06	0.31	5,432.910		
200.00	200.00	171.35	171.34	0.49	0.52	-39.96	1,306.05	-1,094.17	1,703.83	1,702.81	1.02	1,674.178		
300.00	299.98	271.97	271.97	0.85	0.88	-32.99	1,306.32	-1,094.61	1,702.86	1,701.12	1.74	980.925		
400.00	399.84	371.47	371.47	1.22	1.24	-33.13	1,306.74	-1,094.87	1,698.96	1,696.51	2.45	692.429		
500.00	499.45	471.32	471.31	1.59	1.59	-33.36	1,307.19	-1,095.08	1,692.15	1,688.97	3.18	532.614		
600.00	598.70	570.41	570.41	1.97	1.95	-33.70	1,307.55	-1,095.44	1,682.47	1,678.56	3.90	430.884		
700.00	697.47	668.40	668.39	2.38	2.30	-34.15	1,307.57	-1,096.16	1,669.93	1,665.30	4.64	360.215		
800.00	795.62	766.48	766.46	2.82	2.64	-34.72	1,307.55	-1,097.08	1,654.69	1,649.31	5.38	307.628		
900.00	893.06	866.86	866.84	3.29	3.00	-35.41	1,307.48	-1,097.87	1,636.60	1,630.45	6.14	266.331		
1,000.00	989.64	965.48	965.46	3.79	3.35	-36.22	1,307.49	-1,098.33	1,615.68	1,608.75	6.92	233.393		
1,100.00	1,085.27	1,063.77	1,063.75	4.34	3.70	-37.15	1,307.46	-1,098.64	1,592.05	1,584.33	7.72	206.291		
1,200.00	1,179.82	1,156.17	1,156.15	4.93	4.03	-38.18	1,307.30	-1,099.00	1,565.89	1,557.38	8.51	183.906		
1,300.00	1,273.48	1,249.62	1,249.60	5.56	4.36	-39.09	1,307.18	-1,099.49	1,538.12	1,528.78	9.34	164.696		
1,400.00	1,367.08	1,336.30	1,336.27	6.19	4.67	-39.86	1,307.17	-1,100.04	1,510.70	1,500.55	10.15	148.788		
1,500.00	1,460.69	1,434.33	1,434.30	6.84	5.03	-40.77	1,307.30	-1,100.85	1,483.83	1,472.80	11.02	134.628		
1,600.00	1,554.30	1,534.28	1,534.25	7.50	5.37	-41.71	1,307.35	-1,101.10	1,456.84	1,444.94	11.90	122.464		
1,700.00	1,647.90	1,635.98	1,635.95	8.15	5.71	-42.69	1,307.41	-1,100.68	1,429.75	1,416.98	12.77	111.937		
1,800.00	1,741.51	1,728.94	1,728.91	8.82	6.02	-43.61	1,307.49	-1,099.93	1,402.77	1,389.13	13.64	102.850		
1,900.00	1,835.12	1,818.37	1,818.34	9.48	6.32	-44.53	1,307.55	-1,099.37	1,376.28	1,361.77	14.51	94.847		
2,000.00	1,928.73	1,913.18	1,913.15	10.15	6.64	-45.54	1,307.62	-1,099.00	1,350.36	1,334.94	15.41	87.613		
2,100.00	2,022.33	2,007.11	2,007.08	10.82	6.96	-46.59	1,307.56	-1,098.64	1,324.78	1,308.45	16.33	81.144		
2,200.00	2,115.94	2,100.21	2,100.18	11.49	7.27	-47.66	1,307.47	-1,098.32	1,299.67	1,282.41	17.25	75.331		
2,300.00	2,209.55	2,191.20	2,191.16	12.16	7.58	-48.76	1,307.36	-1,098.14	1,275.15	1,256.96	18.19	70.098		
2,400.00	2,303.15	2,283.08	2,283.05	12.83	7.90	-49.90	1,307.38	-1,098.09	1,251.32	1,232.18	19.15	65.353		
2,500.00	2,396.76	2,377.13	2,377.09	13.51	8.23	-51.11	1,307.40	-1,098.09	1,228.08	1,207.95	20.12	61.030		
2,600.00	2,490.37	2,470.61	2,470.57	14.18	8.55	-52.36	1,307.37	-1,098.05	1,205.37	1,184.26	21.11	57.099		
2,700.00	2,583.97	2,562.61	2,562.57	14.86	8.87	-53.64	1,307.40	-1,098.14	1,183.39	1,161.28	22.11	53.518		
2,800.00	2,677.58	2,657.35	2,657.32	15.53	9.20	-54.99	1,307.45	-1,098.19	1,162.05	1,138.91	23.14	50.225		
2,900.00	2,771.19	2,751.62	2,751.58	16.21	9.53	-56.38	1,307.43	-1,098.19	1,141.32	1,117.15	24.17	47.219		
3,000.00	2,864.79	2,845.25	2,845.22	16.89	9.86	-57.81	1,307.42	-1,098.16	1,121.28	1,096.06	25.22	44.468		
3,100.00	2,958.40	2,938.51	2,938.47	17.57	10.18	-59.29	1,307.36	-1,098.19	1,102.03	1,075.76	26.27	41.946		
3,200.00	3,052.01	3,032.69	3,032.66	18.24	10.51	-60.82	1,307.32	-1,098.17	1,083.55	1,056.20	27.35	39.625		
3,300.00	3,145.62	3,125.00	3,124.96	18.92	10.83	-62.36	1,307.40	-1,098.12	1,065.93	1,037.51	28.42	37.500		
3,400.00	3,239.22	3,216.41	3,216.37	19.60	11.15	-63.93	1,307.61	-1,098.26	1,049.42	1,019.90	29.51	35.556		
3,500.00	3,332.83	3,313.03	3,312.99	20.28	11.49	-65.64	1,307.68	-1,098.36	1,033.73	1,003.11	30.63	33.753		
3,600.00	3,426.44	3,407.36	3,407.32	20.96	11.82	-67.36	1,307.67	-1,098.29	1,018.84	987.10	31.74	32.101		
3,700.00	3,520.04	3,499.48	3,499.44	21.64	12.14	-69.08	1,307.72	-1,098.29	1,005.04	972.19	32.85	30.592		
3,800.00	3,613.65	3,593.63	3,593.59	22.32	12.47	-70.88	1,307.73	-1,098.34	992.33	958.35	33.98	29.206		
3,900.00	3,707.26	3,688.96	3,688.92	23.00	12.80	-72.75	1,307.59	-1,098.29	980.59	945.48	35.10	27.933		
4,000.00	3,800.86	3,782.72	3,782.69	23.68	13.12	-74.63	1,307.30	-1,098.16	969.89	933.67	36.23	26.773		
4,100.00	3,894.47	3,874.63	3,874.59	24.36	13.44	-76.52	1,306.90	-1,098.14	960.48	923.14	37.34	25.721		
4,200.00	3,988.08	3,967.37	3,967.33	25.04	13.77	-78.45	1,306.70	-1,098.21	952.42	913.97	38.45	24.767		
4,300.00	4,081.68	4,061.75	4,061.71	25.72	14.10	-80.43	1,306.65	-1,098.26	945.59	906.03	39.56	23.902		
4,400.00	4,175.29	4,155.16	4,155.12	26.40	14.42	-82.41	1,306.60	-1,098.28	940.01	899.36	40.65	23.122		
4,500.00	4,268.90	4,248.85	4,248.81	27.08	14.75	-84.41	1,306.58	-1,098.29	935.72	893.98	41.73	22.422		
4,600.00	4,362.51	4,341.28	4,341.24	27.76	15.07	-86.40	1,306.60	-1,098.38	932.81	890.02	42.79	21.801		
4,700.00	4,456.11	4,437.01	4,436.97	28.44	15.41	-88.47	1,306.56	-1,098.41	931.16	887.32	43.83	21.243		
4,781.69	4,532.58	4,513.44	4,513.40	28.99	15.67	-90.13	1,306.50	-1,098.35	930.72	886.05	44.67	20.837		
4,800.00	4,549.72	4,530.52	4,530.48	29.12	15.73	-90.50	1,306.49	-1,098.33	930.74	885.89	44.85	20.752		
4,900.00	4,643.33	4,623.38	4,623.34	29.80	16.06	-92.51	1,306.44	-1,098.30	931.70	885.86	45.84	20.325		
5,000.00	4,736.93	4,717.24	4,717.21	30.48	16.39	-94.54	1,306.42	-1,098.30	934.01	887.20	46.81	19.954		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,830.54	4,813.44	4,813.40	31.16	16.72	-96.59	1,306.68	-1,098.21	937.49	889.73	47.76	19.630		
5,200.00	4,924.15	4,907.61	4,907.57	31.84	17.05	-98.57	1,307.05	-1,098.06	942.16	893.49	48.67	19.357		
5,300.00	5,017.75	5,016.54	5,016.46	32.52	17.43	-100.75	1,309.48	-1,097.51	947.25	897.63	49.62	19.090		
5,400.00	5,111.36	5,122.28	5,122.09	33.20	17.79	-102.71	1,314.41	-1,096.14	951.96	901.42	50.54	18.836		
5,500.00	5,204.97	5,221.66	5,221.30	33.88	18.14	-104.49	1,319.86	-1,094.59	957.13	905.72	51.42	18.615		
5,600.00	5,298.57	5,339.82	5,339.02	34.56	18.56	-106.41	1,329.72	-1,092.64	962.13	909.79	52.34	18.384		
5,700.00	5,392.18	5,483.17	5,480.74	35.25	19.06	-108.29	1,350.65	-1,088.42	964.17	910.90	53.27	18.099		
5,800.00	5,485.79	5,628.47	5,622.97	35.93	19.58	-109.94	1,378.76	-1,078.96	961.29	907.17	54.12	17.763		
5,900.00	5,579.40	5,738.36	5,730.06	36.61	19.99	-111.22	1,401.22	-1,068.85	956.03	901.07	54.96	17.396		
6,000.00	5,673.00	5,829.87	5,819.36	37.29	20.33	-112.36	1,419.02	-1,059.75	951.02	895.20	55.82	17.036		
6,100.00	5,766.61	5,931.04	5,918.30	37.97	20.71	-113.72	1,437.29	-1,049.26	946.78	890.15	56.63	16.717		
6,200.00	5,860.22	6,045.88	6,030.34	38.65	21.15	-115.25	1,458.95	-1,036.36	941.92	884.54	57.38	16.415		
6,300.00	5,953.82	6,166.32	6,147.20	39.33	21.63	-116.80	1,484.03	-1,021.50	935.63	877.56	58.08	16.110		
6,400.00	6,047.43	6,288.64	6,264.73	40.02	22.13	-118.24	1,513.57	-1,004.92	926.85	868.11	58.74	15.779		
6,500.00	6,141.04	6,401.99	6,372.79	40.70	22.61	-119.48	1,543.77	-988.86	916.55	857.11	59.43	15.421		
6,600.00	6,234.64	6,530.46	6,494.02	41.38	23.17	-120.80	1,581.36	-969.00	903.88	843.90	59.98	15.069		
6,700.00	6,328.25	6,624.96	6,582.17	42.06	23.61	-121.61	1,612.29	-954.81	889.75	828.91	60.84	14.625		
6,800.00	6,421.86	6,698.50	6,650.74	42.74	23.95	-122.08	1,637.60	-946.75	877.95	816.05	61.90	14.183		
6,900.00	6,515.47	6,796.78	6,742.38	43.42	24.42	-122.59	1,672.08	-938.29	867.72	804.91	62.81	13.816		
7,000.00	6,609.07	6,908.53	6,846.24	44.10	24.96	-123.18	1,711.97	-927.77	856.48	792.88	63.61	13.465		
7,100.00	6,702.68	7,003.07	6,934.15	44.79	25.44	-123.73	1,745.45	-918.41	845.16	780.64	64.52	13.099		
7,200.00	6,796.29	7,098.49	7,022.89	45.47	25.92	-124.26	1,779.42	-909.71	834.40	768.97	65.43	12.752		
7,300.00	6,889.89	7,194.53	7,112.22	46.15	26.41	-124.78	1,813.71	-901.50	824.08	757.74	66.34	12.421		
7,400.00	6,983.50	7,294.32	7,204.93	46.83	26.94	-125.25	1,849.84	-893.88	814.19	746.95	67.24	12.108		
7,500.00	7,077.11	7,375.81	7,279.89	47.51	27.37	-125.45	1,881.45	-889.39	804.31	735.98	68.32	11.772		
7,600.00	7,170.71	7,425.31	7,325.32	48.19	27.63	-125.36	1,901.06	-890.62	799.59	730.07	69.52	11.502		
7,634.17	7,202.70	7,447.00	7,345.16	48.43	27.74	-125.26	1,909.62	-892.47	799.46	729.55	69.90	11.437		
7,700.00	7,264.32	7,447.00	7,345.16	48.88	27.74	-125.26	1,909.62	-892.47	802.16	731.85	70.31	11.409		
7,800.00	7,357.90	7,505.18	7,398.05	49.56	28.01	-118.85	1,931.59	-902.40	810.58	739.48	71.10	11.400		
7,900.00	7,450.12	7,542.00	7,431.00	50.26	28.18	-96.34	1,944.39	-912.67	818.35	747.05	71.30	11.477		
8,000.00	7,538.18	7,585.94	7,469.41	50.97	28.34	-82.21	1,958.74	-928.44	820.20	748.91	71.28	11.506		
8,100.00	7,619.40	7,636.00	7,511.61	51.66	28.53	-74.21	1,974.11	-950.49	815.68	744.52	71.16	11.462		
8,200.00	7,691.32	7,680.90	7,547.59	52.34	28.67	-70.04	1,987.46	-973.77	804.40	733.68	70.73	11.374		
8,300.00	7,751.74	7,730.00	7,584.38	53.00	28.84	-68.46	2,002.18	-1,002.75	786.21	715.88	70.33	11.178		
8,400.00	7,798.84	7,781.13	7,619.26	53.64	28.98	-68.84	2,017.40	-1,036.85	761.75	691.64	70.11	10.864		
8,500.00	7,831.18	7,825.00	7,645.92	54.26	29.12	-70.71	2,030.18	-1,069.24	731.96	662.31	69.65	10.509		
8,600.00	7,847.78	7,882.08	7,675.95	54.86	29.28	-74.42	2,046.31	-1,114.99	697.36	627.26	70.10	9.948		
8,700.00	7,850.00	7,936.90	7,699.80	55.46	29.47	-77.79	2,061.15	-1,162.04	660.04	589.17	70.86	9.314		
8,800.00	7,850.00	8,000.09	7,723.20	56.13	29.73	-79.67	2,077.10	-1,218.51	626.74	554.64	72.10	8.693		
8,900.00	7,850.00	8,055.00	7,740.23	56.90	30.01	-81.11	2,089.30	-1,269.24	599.15	526.28	72.87	8.222		
9,000.00	7,850.00	8,108.00	7,753.16	57.76	30.36	-82.26	2,098.34	-1,319.83	578.81	505.38	73.43	7.882		
9,100.00	7,850.00	8,168.51	7,763.72	58.72	30.81	-83.23	2,105.22	-1,378.99	565.72	491.35	74.38	7.606		
9,200.00	7,850.00	8,239.05	7,770.63	59.79	31.44	-83.89	2,109.07	-1,449.06	559.40	483.60	75.81	7.379		
9,300.00	7,850.00	8,323.60	7,772.78	60.96	32.33	-84.09	2,111.69	-1,533.52	556.53	478.53	78.00	7.135		
9,350.38	7,850.00	8,365.81	7,773.35	61.59	32.82	-84.14	2,112.14	-1,575.73	556.16	477.03	79.13	7.028		
9,400.00	7,850.00	8,407.29	7,774.17	62.23	33.34	-84.23	2,111.95	-1,617.20	556.52	476.26	80.26	6.934		
9,500.00	7,850.00	8,490.20	7,775.88	63.60	34.45	-84.43	2,109.71	-1,700.05	559.49	476.89	82.60	6.774		
9,600.00	7,850.00	8,567.84	7,777.54	65.07	35.57	-84.65	2,104.85	-1,777.52	565.98	481.31	84.67	6.684		
9,700.00	7,850.00	8,684.49	7,780.11	66.63	37.40	-84.99	2,096.44	-1,893.83	573.52	483.77	89.74	6.391		
9,800.00	7,850.00	8,798.25	7,782.40	68.28	39.39	-85.26	2,092.59	-2,007.51	577.10	482.28	94.83	6.086		
9,900.00	7,850.00	8,887.65	7,784.31	70.00	41.04	-85.48	2,089.23	-2,096.82	581.14	482.95	98.19	5.919		
10,000.00	7,850.00	8,977.84	7,786.22	71.80	42.77	-85.70	2,084.29	-2,186.85	586.91	485.22	101.69	5.771		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 25-MWD OWSG													Offset Well Error:		0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,100.00	7,850.00	9,071.39	7,788.28	73.67	44.63	-85.95	2,077.73	-2,280.15	594.21	488.65	105.56	5.629			
10,200.00	7,850.00	9,180.95	7,790.71	75.60	46.88	-86.24	2,070.31	-2,389.42	601.31	490.46	110.85	5.425			
10,300.00	7,850.00	9,330.30	7,793.97	77.59	50.10	-86.57	2,066.79	-2,538.65	604.37	485.01	119.36	5.063			
10,400.00	7,850.00	9,444.65	7,796.40	79.62	52.68	-86.78	2,071.63	-2,652.87	600.41	475.28	125.13	4.798			
10,500.00	7,850.00	9,525.82	7,798.15	81.71	54.54	-86.93	2,074.33	-2,733.98	597.44	468.98	128.47	4.651			
10,600.00	7,850.00	9,628.16	7,800.42	83.83	56.92	-87.15	2,076.16	-2,836.27	596.01	462.55	133.46	4.466			
10,700.00	7,850.00	9,752.29	7,801.91	86.00	59.86	-87.27	2,081.89	-2,960.25	591.73	451.60	140.13	4.223			
10,800.00	7,850.00	9,861.43	7,803.00	88.20	62.49	-87.34	2,089.62	-3,069.11	585.08	439.41	145.67	4.016			
10,900.00	7,850.00	9,985.39	7,804.54	90.43	65.51	-87.44	2,101.51	-3,192.48	576.00	423.79	152.21	3.784			
11,000.00	7,850.00	10,097.51	7,805.07	92.69	68.27	-87.43	2,116.49	-3,303.59	563.08	405.19	157.89	3.566			
11,100.00	7,850.00	10,170.66	7,805.63	94.98	70.09	-87.45	2,125.08	-3,376.22	551.70	390.54	161.17	3.423			
11,200.00	7,850.00	10,250.21	7,806.40	97.29	72.07	-87.50	2,131.24	-3,455.53	544.37	379.70	164.67	3.306			
11,300.00	7,850.00	10,333.59	7,806.63	99.62	74.14	-87.51	2,134.90	-3,538.82	540.43	372.11	168.32	3.211			
11,400.00	7,850.00	10,431.43	7,807.75	101.98	76.59	-87.62	2,137.01	-3,636.63	538.68	365.49	173.19	3.110			
11,500.00	7,850.00	10,529.67	7,811.07	104.35	79.05	-87.97	2,139.60	-3,734.78	536.39	358.21	178.18	3.010			
11,578.06	7,850.00	10,598.23	7,813.30	106.22	80.78	-88.20	2,140.58	-3,803.30	535.57	354.24	181.33	2.954	CC		
11,600.00	7,850.00	10,616.65	7,813.89	106.74	81.24	-88.27	2,140.59	-3,821.70	535.65	353.52	182.12	2.941			
11,700.00	7,850.00	10,703.52	7,816.57	109.15	83.42	-88.56	2,139.15	-3,908.52	537.67	351.70	185.97	2.891			
11,800.00	7,850.00	10,792.35	7,819.14	111.57	85.65	-88.84	2,135.87	-3,997.25	541.77	351.84	189.94	2.852			
11,900.00	7,850.00	10,881.40	7,821.99	114.01	87.87	-89.15	2,130.69	-4,086.10	548.00	354.11	193.89	2.826			
12,000.00	7,850.00	10,971.18	7,824.95	116.46	90.12	-89.47	2,123.90	-4,175.57	556.00	358.12	197.88	2.810			
12,100.00	7,850.00	11,059.89	7,827.60	118.92	92.32	-89.75	2,115.45	-4,263.84	565.97	364.27	201.70	2.806			
12,200.00	7,850.00	11,151.04	7,830.00	121.39	94.59	-89.99	2,105.30	-4,354.39	577.57	371.78	205.79	2.807			
12,300.00	7,850.00	11,247.89	7,832.41	123.88	97.00	-90.23	2,093.32	-4,450.46	590.41	379.81	210.60	2.803			
12,400.00	7,850.00	11,372.40	7,835.44	126.37	100.12	-90.51	2,080.29	-4,574.25	601.45	382.70	218.75	2.749			
12,500.00	7,850.00	11,516.39	7,838.79	128.87	103.80	-90.82	2,073.83	-4,718.02	606.48	378.08	228.40	2.655			
12,600.00	7,850.00	11,621.87	7,841.01	131.38	106.53	-91.03	2,073.47	-4,823.47	607.33	373.24	234.09	2.594			
12,700.00	7,850.00	11,720.80	7,843.18	133.90	109.10	-91.23	2,073.52	-4,922.39	607.79	368.57	239.22	2.541			
12,800.00	7,850.00	11,818.41	7,845.47	136.42	111.64	-91.45	2,073.47	-5,019.97	608.37	364.13	244.24	2.491			
12,900.00	7,850.00	11,914.43	7,847.89	138.96	114.14	-91.67	2,072.56	-5,115.95	609.85	360.74	249.11	2.448			
13,000.00	7,850.00	12,018.99	7,850.51	141.49	116.87	-91.92	2,071.93	-5,220.48	611.00	356.25	254.75	2.398			
13,100.00	7,850.00	12,117.46	7,852.67	144.04	119.44	-92.12	2,071.71	-5,318.92	611.78	351.92	259.85	2.354			
13,200.00	7,850.00	12,213.60	7,854.94	146.59	121.95	-92.32	2,070.79	-5,415.03	613.29	348.55	264.74	2.317			
13,300.00	7,850.00	12,323.89	7,857.35	149.15	124.84	-92.54	2,070.00	-5,525.29	614.61	343.74	270.88	2.269			
13,400.00	7,850.00	12,452.75	7,858.96	151.71	128.23	-92.70	2,073.47	-5,654.08	612.48	334.21	278.27	2.201			
13,500.00	7,850.00	12,537.53	7,859.31	154.27	130.46	-92.75	2,076.71	-5,738.79	609.15	326.69	282.46	2.157			
13,600.00	7,850.00	12,634.54	7,859.96	156.84	133.02	-92.82	2,079.00	-5,835.78	607.29	319.80	287.49	2.112			
13,700.00	7,850.00	12,732.49	7,860.75	159.42	135.60	-92.90	2,080.98	-5,933.70	605.78	313.19	292.58	2.070			
13,800.00	7,850.00	12,834.46	7,861.23	162.00	138.29	-92.95	2,083.03	-6,035.65	604.27	306.27	298.00	2.028			
13,900.00	7,850.00	12,924.86	7,861.55	164.58	140.68	-92.99	2,084.15	-6,126.04	603.50	301.02	302.48	1.995			
14,000.00	7,850.00	13,032.11	7,861.88	167.17	143.51	-93.02	2,085.52	-6,233.28	602.71	294.36	308.35	1.955			
14,100.00	7,850.00	13,132.59	7,862.18	169.76	146.17	-93.06	2,087.26	-6,333.75	601.47	287.80	313.67	1.918			
14,200.00	7,850.00	13,235.90	7,862.39	172.35	148.91	-93.09	2,089.58	-6,437.03	599.71	280.50	319.20	1.879			
14,300.00	7,850.00	13,336.55	7,862.79	174.95	151.57	-93.14	2,091.96	-6,537.65	597.83	273.30	324.53	1.842			
14,400.00	7,850.00	13,440.99	7,863.13	177.55	154.34	-93.18	2,094.97	-6,642.04	595.44	265.29	330.15	1.804			
14,500.00	7,850.00	13,547.14	7,863.61	180.15	157.16	-93.25	2,098.96	-6,748.12	592.19	256.32	335.87	1.763			
14,600.00	7,850.00	13,649.94	7,864.04	182.76	159.90	-93.31	2,103.79	-6,850.81	587.99	246.65	341.34	1.723			
14,700.00	7,850.00	13,754.01	7,864.41	185.37	162.67	-93.38	2,109.08	-6,954.74	583.41	236.52	346.89	1.682			
14,800.00	7,850.00	13,853.24	7,864.74	187.98	165.31	-93.44	2,114.59	-7,053.82	578.35	226.22	352.13	1.642			
14,900.00	7,850.00	13,945.39	7,865.05	190.59	167.77	-93.49	2,119.03	-7,145.85	574.04	217.13	356.92	1.608			
15,000.00	7,850.00	14,034.43	7,865.71	193.21	170.14	-93.57	2,121.85	-7,234.85	571.40	210.02	361.38	1.581			
15,075.53	7,850.00	14,100.48	7,866.33	195.19	171.89	-93.64	2,122.77	-7,300.89	570.75	206.20	364.56	1.566			

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

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,100.00	7,850.00	14,121.76	7,866.52	195.83	172.46	-93.66	2,122.82	-7,322.16	570.82	205.27	365.55	1.562		
15,200.00	7,850.00	14,220.59	7,867.46	198.45	175.08	-93.75	2,122.35	-7,420.99	571.82	201.10	370.73	1.542		
15,300.00	7,850.00	14,329.40	7,868.67	201.07	177.97	-93.87	2,122.86	-7,529.80	571.91	195.10	376.81	1.518		
15,400.00	7,850.00	14,442.51	7,869.55	203.70	180.99	-93.97	2,125.61	-7,642.86	570.01	186.88	383.12	1.488	Level 3	
15,500.00	7,850.00	14,547.23	7,870.12	206.32	183.78	-94.06	2,130.04	-7,747.49	566.28	177.54	388.74	1.457	Level 3	
15,600.00	7,850.00	14,636.91	7,870.63	208.95	186.18	-94.13	2,133.29	-7,837.10	563.19	169.90	393.29	1.432	Level 3	
15,672.32	7,850.00	14,697.45	7,870.89	210.85	187.79	-94.16	2,134.23	-7,897.63	562.43	166.31	396.12	1.420	Level 3	
15,700.00	7,850.00	14,720.84	7,870.96	211.58	188.41	-94.17	2,134.26	-7,921.03	562.54	165.36	397.18	1.416	Level 3	
15,800.00	7,850.00	14,808.51	7,871.41	214.21	190.74	-94.20	2,133.07	-8,008.69	564.40	163.22	401.18	1.407	Level 3	
15,900.00	7,850.00	14,894.52	7,872.04	216.85	193.02	-94.24	2,129.93	-8,094.63	568.57	163.78	404.79	1.405	Level 3	
16,000.00	7,850.00	14,983.26	7,872.64	219.48	195.35	-94.26	2,124.69	-8,183.21	574.96	166.39	408.58	1.407	Level 3	
16,100.00	7,850.00	15,080.10	7,873.28	222.12	197.90	-94.26	2,117.71	-8,279.80	582.66	169.22	413.45	1.409	Level 3	
16,200.00	7,850.00	15,183.25	7,873.89	224.76	200.61	-94.27	2,110.40	-8,382.68	590.25	171.04	419.21	1.408	Level 3	
16,300.00	7,850.00	15,289.36	7,874.47	227.39	203.41	-94.27	2,103.74	-8,488.59	597.02	171.68	425.35	1.404	Level 3	
16,400.00	7,850.00	15,407.13	7,875.23	230.03	206.53	-94.30	2,098.77	-8,606.25	601.75	168.98	432.77	1.390	Level 3	
16,500.00	7,850.00	15,523.28	7,876.76	232.68	209.63	-94.44	2,097.44	-8,722.37	603.45	163.79	439.65	1.373	Level 3	
16,600.00	7,850.00	15,636.15	7,878.55	235.32	212.64	-94.61	2,098.70	-8,835.22	602.93	156.96	445.97	1.352	Level 3	
16,700.00	7,850.00	15,742.31	7,880.02	237.96	215.48	-94.77	2,101.71	-8,941.33	600.68	149.01	451.67	1.330	Level 3	
16,800.00	7,850.00	15,829.05	7,881.07	240.61	217.80	-94.88	2,103.71	-9,028.04	598.98	143.04	455.94	1.314	Level 3	
16,816.63	7,850.00	15,843.11	7,881.23	241.05	218.18	-94.90	2,103.82	-9,042.10	598.94	142.34	456.60	1.312	Level 3	
16,900.00	7,850.00	15,918.19	7,882.14	243.26	220.18	-94.98	2,103.70	-9,117.17	599.55	139.31	460.23	1.303	Level 3	
17,000.00	7,850.00	16,015.60	7,883.42	245.90	222.78	-95.09	2,102.55	-9,214.57	601.30	136.06	465.24	1.292	Level 3	
17,100.00	7,850.00	16,119.00	7,884.71	248.55	225.54	-95.20	2,101.50	-9,317.95	602.90	132.05	470.84	1.280	Level 3	
17,200.00	7,850.00	16,238.78	7,886.25	251.20	228.74	-95.35	2,102.52	-9,437.71	602.67	124.93	477.74	1.261	Level 3	
17,300.00	7,850.00	16,343.06	7,887.68	253.85	231.53	-95.51	2,105.37	-9,541.94	600.56	117.28	483.27	1.243	Level 2	
17,400.00	7,850.00	16,454.37	7,888.98	256.50	234.52	-95.66	2,110.25	-9,653.13	596.76	107.59	489.17	1.220	Level 2	
17,500.00	7,850.00	16,550.88	7,890.13	259.16	237.11	-95.83	2,115.53	-9,749.49	591.92	97.71	494.21	1.198	Level 2	
17,600.00	7,850.00	16,641.83	7,891.33	261.81	239.55	-95.97	2,118.77	-9,840.37	588.95	90.06	498.89	1.181	Level 2	
17,700.00	7,850.00	16,744.22	7,892.59	264.47	242.29	-96.12	2,122.16	-9,942.71	586.25	81.98	504.27	1.163	Level 2	
17,800.00	7,850.00	16,836.26	7,893.80	267.12	244.76	-96.27	2,125.31	-10,034.68	583.50	74.56	508.94	1.147	Level 2	
17,900.00	7,850.00	16,931.25	7,894.98	269.78	247.31	-96.39	2,126.25	-10,129.65	583.08	69.31	513.77	1.135	Level 2	
18,000.00	7,850.00	17,041.82	7,896.25	272.43	250.27	-96.54	2,129.05	-10,240.18	581.14	61.36	519.78	1.118	Level 2	
18,100.00	7,850.00	17,146.04	7,897.40	275.09	253.07	-96.69	2,132.73	-10,344.33	578.22	52.96	525.26	1.101	Level 2	
18,200.00	7,850.00	17,250.32	7,898.42	277.75	255.87	-96.84	2,137.18	-10,448.51	574.56	43.85	530.71	1.083	Level 2	
18,300.00	7,850.00	17,348.33	7,899.40	280.41	258.50	-96.98	2,141.66	-10,546.42	570.62	34.82	535.80	1.065	Level 2	
18,400.00	7,850.00	17,463.75	7,900.48	283.07	261.60	-97.16	2,148.04	-10,661.64	565.73	24.08	541.66	1.044	Level 2	
18,500.00	7,850.00	17,555.06	7,901.49	285.73	264.05	-97.33	2,153.67	-10,752.77	560.21	13.73	546.48	1.025	Level 2	
18,566.61	7,850.00	17,595.00	7,901.97	287.50	265.13	-97.41	2,155.74	-10,792.66	557.73	9.62	548.11	1.018	Level 2, ES, SF	

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-38.91	1,305.56	-1,053.84	1,677.94					
100.00	100.00	78.96	78.96	0.13	0.19	-38.91	1,305.58	-1,053.83	1,677.82	1,677.50	0.33	5,128.196		
200.00	200.00	172.62	172.62	0.49	0.52	-38.91	1,305.79	-1,053.99	1,678.11	1,677.09	1.02	1,650.822		
300.00	299.98	273.59	273.59	0.85	0.88	-31.94	1,306.11	-1,054.26	1,677.03	1,675.30	1.73	967.340		
400.00	399.84	372.82	372.82	1.22	1.24	-32.08	1,306.40	-1,054.53	1,672.99	1,670.54	2.45	682.439		
500.00	499.45	472.28	472.28	1.59	1.59	-32.32	1,306.69	-1,054.89	1,666.07	1,662.90	3.17	524.859		
600.00	598.70	572.86	572.86	1.97	1.95	-32.66	1,306.90	-1,055.22	1,656.14	1,652.23	3.91	423.908		
700.00	697.47	672.24	672.23	2.38	2.30	-33.10	1,307.00	-1,055.67	1,643.31	1,638.67	4.64	354.039		
800.00	795.62	771.18	771.18	2.82	2.65	-33.66	1,306.96	-1,056.15	1,627.57	1,622.19	5.38	302.276		
900.00	893.06	868.89	868.88	3.29	3.00	-34.33	1,306.89	-1,056.66	1,609.05	1,602.91	6.14	262.219		
1,000.00	989.64	962.68	962.67	3.79	3.33	-35.10	1,306.79	-1,057.23	1,587.86	1,580.97	6.89	230.389		
1,100.00	1,085.27	1,059.69	1,059.68	4.34	3.68	-36.02	1,306.84	-1,057.84	1,564.17	1,556.49	7.68	203.659		
1,200.00	1,179.82	1,155.84	1,155.82	4.93	4.02	-37.08	1,306.67	-1,058.46	1,537.80	1,529.32	8.49	181.187		
1,300.00	1,273.48	1,250.90	1,250.88	5.56	4.35	-38.01	1,306.33	-1,059.14	1,509.60	1,500.29	9.31	162.136		
1,400.00	1,367.08	1,345.91	1,345.89	6.19	4.69	-38.87	1,305.92	-1,059.76	1,481.49	1,471.35	10.14	146.051		
1,500.00	1,460.69	1,437.74	1,437.71	6.84	5.01	-39.73	1,305.44	-1,060.42	1,453.70	1,442.71	10.98	132.371		
1,600.00	1,554.30	1,531.53	1,531.50	7.50	5.35	-40.64	1,305.03	-1,061.11	1,426.31	1,414.47	11.84	120.443		
1,700.00	1,647.90	1,625.97	1,625.94	8.15	5.68	-41.59	1,304.72	-1,061.64	1,399.24	1,386.53	12.72	110.018		
1,800.00	1,741.51	1,722.54	1,722.51	8.82	6.02	-42.59	1,304.41	-1,062.00	1,372.43	1,358.81	13.61	100.829		
1,900.00	1,835.12	1,812.43	1,812.40	9.48	6.34	-43.55	1,304.15	-1,062.28	1,345.99	1,331.49	14.50	92.837		
2,000.00	1,928.73	1,904.69	1,904.66	10.15	6.67	-44.57	1,303.88	-1,062.85	1,320.19	1,304.78	15.41	85.674		
2,100.00	2,022.33	1,997.69	1,997.66	10.82	7.00	-45.65	1,303.56	-1,063.53	1,294.90	1,278.56	16.34	79.260		
2,200.00	2,115.94	2,089.78	2,089.74	11.49	7.33	-46.76	1,303.25	-1,064.28	1,270.15	1,252.87	17.28	73.517		
2,300.00	2,209.55	2,184.75	2,184.71	12.16	7.67	-47.95	1,302.96	-1,065.10	1,245.97	1,227.74	18.24	68.321		
2,400.00	2,303.15	2,284.01	2,283.96	12.83	8.01	-49.21	1,302.85	-1,065.30	1,221.94	1,202.73	19.21	63.617		
2,500.00	2,396.76	2,376.60	2,376.55	13.51	8.33	-50.43	1,302.82	-1,065.30	1,198.35	1,178.17	20.18	59.391		
2,600.00	2,490.37	2,469.63	2,469.59	14.18	8.66	-51.69	1,302.82	-1,065.38	1,175.44	1,154.27	21.17	55.527		
2,700.00	2,583.97	2,564.51	2,564.47	14.86	8.98	-53.03	1,302.83	-1,065.37	1,153.06	1,130.89	22.17	52.012		
2,800.00	2,677.58	2,657.92	2,657.87	15.53	9.29	-54.39	1,302.82	-1,065.36	1,131.33	1,108.16	23.17	48.820		
2,900.00	2,771.19	2,752.04	2,751.99	16.21	9.61	-55.81	1,302.81	-1,065.31	1,110.25	1,086.06	24.20	45.886		
3,000.00	2,864.79	2,845.31	2,845.27	16.89	9.92	-57.26	1,302.84	-1,065.24	1,089.90	1,064.67	25.23	43.193		
3,100.00	2,958.40	2,938.30	2,938.26	17.57	10.24	-58.76	1,302.84	-1,065.24	1,070.37	1,044.08	26.29	40.712		
3,200.00	3,052.01	3,032.27	3,032.22	18.24	10.57	-60.33	1,302.87	-1,065.23	1,051.66	1,024.29	27.37	38.430		
3,300.00	3,145.62	3,125.54	3,125.50	18.92	10.89	-61.93	1,302.83	-1,065.25	1,033.80	1,005.35	28.45	36.337		
3,400.00	3,239.22	3,219.14	3,219.09	19.60	11.22	-63.59	1,302.87	-1,065.27	1,016.88	987.33	29.55	34.415		
3,500.00	3,332.83	3,313.62	3,313.58	20.28	11.54	-65.31	1,302.93	-1,065.21	1,000.85	970.20	30.65	32.653		
3,600.00	3,426.44	3,406.84	3,406.80	20.96	11.86	-67.06	1,302.93	-1,065.16	985.79	954.03	31.76	31.039		
3,700.00	3,520.04	3,499.40	3,499.35	21.64	12.18	-68.85	1,302.93	-1,065.19	971.85	938.97	32.88	29.557		
3,800.00	3,613.65	3,592.53	3,592.49	22.32	12.51	-70.69	1,302.92	-1,065.30	959.07	925.06	34.01	28.198		
3,900.00	3,707.26	3,686.68	3,686.63	23.00	12.85	-72.59	1,302.90	-1,065.41	947.43	912.28	35.15	26.956		
4,000.00	3,800.86	3,781.49	3,781.45	23.68	13.18	-74.55	1,302.87	-1,065.41	936.86	900.58	36.28	25.825		
4,100.00	3,894.47	3,874.66	3,874.62	24.36	13.50	-76.51	1,302.86	-1,065.39	927.48	890.09	37.39	24.804		
4,200.00	3,988.08	3,968.36	3,968.31	25.04	13.82	-78.52	1,302.79	-1,065.38	919.36	880.85	38.51	23.876		
4,300.00	4,081.68	4,060.75	4,060.71	25.72	14.14	-80.53	1,302.77	-1,065.43	912.60	872.99	39.61	23.039		
4,400.00	4,175.29	4,154.53	4,154.49	26.40	14.47	-82.58	1,302.82	-1,065.53	907.21	866.50	40.71	22.284		
4,500.00	4,268.90	4,248.31	4,248.26	27.08	14.81	-84.66	1,302.80	-1,065.62	903.13	861.34	41.79	21.610		
4,600.00	4,362.51	4,342.21	4,342.16	27.76	15.14	-86.76	1,302.71	-1,065.67	900.38	857.53	42.86	21.010		
4,700.00	4,456.11	4,435.89	4,435.85	28.44	15.47	-88.86	1,302.59	-1,065.71	899.00	855.11	43.89	20.481		
4,754.32	4,506.96	4,487.19	4,487.15	28.81	15.64	-90.02	1,302.53	-1,065.71	898.81	854.36	44.45	20.222		
4,800.00	4,549.72	4,530.35	4,530.30	29.12	15.79	-90.99	1,302.52	-1,065.69	898.94	854.04	44.91	20.018		
4,900.00	4,643.33	4,621.58	4,621.54	29.80	16.11	-93.03	1,302.50	-1,065.79	900.37	854.49	45.88	19.623		
5,000.00	4,736.93	4,717.98	4,717.93	30.48	16.45	-95.18	1,302.54	-1,065.86	903.12	856.27	46.85	19.276		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,830.54	4,811.44	4,811.39	31.16	16.77	-97.24	1,302.63	-1,065.80	907.10	859.32	47.77	18.987		
5,200.00	4,924.15	4,904.58	4,904.54	31.84	17.09	-99.28	1,302.70	-1,065.77	912.44	863.77	48.67	18.749		
5,300.00	5,017.75	4,999.38	4,999.33	32.52	17.41	-101.34	1,302.73	-1,065.69	919.05	869.51	49.54	18.553		
5,400.00	5,111.36	5,091.14	5,091.09	33.20	17.73	-103.31	1,302.72	-1,065.64	926.99	876.63	50.37	18.405		
5,500.00	5,204.97	5,186.99	5,186.94	33.88	18.07	-105.32	1,302.79	-1,065.61	936.19	885.01	51.19	18.290		
5,600.00	5,298.57	5,303.30	5,303.22	34.56	18.47	-107.61	1,305.09	-1,065.20	945.62	893.55	52.07	18.159		
5,700.00	5,392.18	5,464.60	5,464.02	35.25	19.03	-110.42	1,316.18	-1,059.90	951.55	898.53	53.02	17.947		
5,800.00	5,485.79	5,664.60	5,661.45	35.93	19.72	-114.00	1,336.41	-1,036.35	949.58	896.01	53.57	17.726		
5,900.00	5,579.40	5,784.23	5,778.14	36.61	20.14	-116.51	1,347.04	-1,012.29	942.19	888.05	54.13	17.405		
6,000.00	5,673.00	5,886.68	5,877.56	37.29	20.51	-118.76	1,356.41	-989.35	934.06	879.31	54.75	17.062		
6,100.00	5,766.61	5,974.79	5,963.03	37.97	20.84	-120.72	1,364.46	-969.54	927.27	871.85	55.42	16.731		
6,200.00	5,860.22	6,071.64	6,057.15	38.65	21.20	-122.88	1,373.41	-948.52	922.44	866.43	56.00	16.471		
6,300.00	5,953.82	6,185.72	6,167.52	39.33	21.64	-125.40	1,385.68	-922.45	917.19	860.75	56.44	16.252		
6,400.00	6,047.43	6,285.17	6,263.42	40.02	22.04	-127.59	1,397.79	-899.03	911.93	854.99	56.94	16.015		
6,500.00	6,141.04	6,391.98	6,366.22	40.70	22.47	-129.96	1,411.40	-873.43	907.39	850.03	57.36	15.820		
6,600.00	6,234.64	6,518.02	6,486.67	41.38	23.00	-132.75	1,430.25	-841.49	901.75	844.18	57.57	15.664		
6,700.00	6,328.25	6,651.65	6,612.93	42.06	23.60	-135.68	1,454.59	-805.18	893.98	836.35	57.63	15.513		
6,800.00	6,421.86	6,782.76	6,734.54	42.74	24.22	-138.69	1,482.50	-764.93	882.71	825.10	57.61	15.323		
6,900.00	6,515.47	6,897.31	6,839.16	43.42	24.79	-141.54	1,508.17	-726.00	870.04	812.32	57.72	15.072		
7,000.00	6,609.07	7,007.78	6,938.82	44.10	25.39	-144.49	1,533.67	-685.74	857.06	799.20	57.86	14.813		
7,100.00	6,702.68	7,106.12	7,026.42	44.79	25.94	-147.25	1,557.51	-647.93	843.78	785.62	58.17	14.506		
7,200.00	6,796.29	7,164.00	7,078.45	45.47	26.28	-148.82	1,572.08	-627.20	833.61	774.54	59.07	14.112		
7,300.00	6,889.89	7,231.14	7,140.63	46.15	26.62	-150.25	1,589.85	-609.41	828.31	768.49	59.82	13.848		
7,346.14	6,933.09	7,259.00	7,167.05	46.46	26.76	-150.66	1,597.55	-605.14	827.83	767.63	60.20	13.751 CC		
7,400.00	6,983.50	7,309.68	7,215.30	46.83	26.98	-151.16	1,612.35	-600.59	828.04	767.49	60.55	13.676		
7,500.00	7,077.11	7,399.48	7,300.23	47.51	27.34	-151.50	1,641.36	-600.14	828.85	767.52	61.33	13.516		
7,600.00	7,170.71	7,469.34	7,365.64	48.19	27.59	-151.30	1,664.95	-606.66	831.94	769.70	62.24	13.366		
7,700.00	7,264.32	7,520.94	7,413.44	48.88	27.75	-150.83	1,681.44	-616.79	840.16	777.05	63.10	13.314		
7,800.00	7,357.90	7,568.39	7,456.69	49.56	27.88	-144.04	1,695.31	-630.46	854.13	790.33	63.80	13.388		
7,900.00	7,450.12	7,613.48	7,496.90	50.26	27.98	-120.35	1,706.93	-647.21	869.50	805.30	64.20	13.544		
8,000.00	7,538.18	7,658.38	7,535.77	50.97	28.07	-104.90	1,716.84	-667.35	883.69	819.38	64.31	13.740		
8,100.00	7,619.40	7,703.01	7,573.12	51.66	28.15	-95.39	1,724.87	-690.40	896.20	832.00	64.20	13.959		
8,200.00	7,691.32	7,730.00	7,594.99	52.34	28.20	-89.34	1,728.81	-705.71	907.11	843.60	63.52	14.281		
8,300.00	7,751.74	7,797.65	7,646.99	53.00	28.31	-86.16	1,736.16	-748.30	914.75	850.84	63.91	14.313		
8,400.00	7,798.84	7,851.73	7,685.22	53.64	28.40	-84.57	1,739.77	-786.34	920.18	856.09	64.10	14.356		
8,500.00	7,831.18	7,920.00	7,728.27	54.26	28.54	-84.63	1,743.05	-839.17	922.24	857.33	64.92	14.206		
8,600.00	7,847.78	7,985.55	7,763.02	54.86	28.74	-85.77	1,745.51	-894.65	920.62	854.65	65.97	13.955		
8,700.00	7,850.00	8,069.30	7,797.66	55.46	29.12	-87.97	1,748.41	-970.79	915.76	847.95	67.81	13.506		
8,800.00	7,850.00	8,153.38	7,824.65	56.13	29.69	-89.66	1,751.30	-1,050.33	911.94	842.14	69.80	13.065		
8,900.00	7,850.00	8,240.42	7,842.94	56.90	30.44	-90.81	1,753.01	-1,135.35	910.44	838.44	72.00	12.645		
8,999.04	7,850.00	8,331.61	7,851.72	57.75	31.40	-91.36	1,754.20	-1,226.07	909.81	835.35	74.46	12.219		
9,000.00	7,850.00	8,332.41	7,851.76	57.76	31.41	-91.36	1,754.21	-1,226.87	909.81	835.32	74.48	12.215		
9,100.00	7,850.00	8,413.54	7,853.93	58.72	32.38	-91.50	1,753.89	-1,307.96	910.76	834.05	76.71	11.872		
9,200.00	7,850.00	8,488.48	7,854.87	59.79	33.36	-91.55	1,751.66	-1,382.87	914.23	835.39	78.84	11.596		
9,300.00	7,850.00	8,565.82	7,855.77	60.96	34.48	-91.60	1,747.36	-1,460.07	920.29	839.10	81.19	11.335		
9,400.00	7,850.00	8,792.21	7,858.24	62.23	38.23	-91.76	1,748.72	-1,686.19	919.53	829.33	90.20	10.194		
9,500.00	7,850.00	8,878.23	7,859.40	63.60	39.82	-91.84	1,754.20	-1,772.03	913.70	820.22	93.49	9.774		
9,600.00	7,850.00	8,951.09	7,860.42	65.07	41.21	-91.91	1,757.08	-1,844.82	910.26	814.02	96.24	9.458		
9,700.00	7,850.00	9,040.87	7,861.74	66.63	42.99	-92.00	1,758.73	-1,934.57	908.94	809.07	99.87	9.101		
9,774.62	7,850.00	9,107.94	7,862.66	67.85	44.36	-92.05	1,759.36	-2,001.63	908.63	805.98	102.65	8.852		
9,800.00	7,850.00	9,130.69	7,862.98	68.28	44.83	-92.07	1,759.45	-2,024.38	908.66	805.08	103.59	8.772		
9,900.00	7,850.00	9,217.27	7,864.34	70.00	46.65	-92.16	1,759.04	-2,110.95	909.66	802.45	107.21	8.485		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2BH - OWB - FINAL SURVEY	Offset Site Error:	0.00 usft
Survey Program:													25-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,000.00	7,850.00	9,308.29	7,865.94	71.80	48.61	-92.25	1,757.40	-2,201.94	912.00	800.87	111.13	8.206			
10,100.00	7,850.00	9,416.84	7,867.83	73.67	50.99	-92.37	1,755.26	-2,310.46	914.53	798.44	116.08	7.878			
10,200.00	7,850.00	9,539.07	7,870.19	75.60	53.75	-92.51	1,755.07	-2,432.66	915.26	793.39	121.87	7.510			
10,300.00	7,850.00	9,664.01	7,872.34	77.59	56.64	-92.65	1,758.72	-2,557.52	912.79	784.93	127.85	7.139			
10,400.00	7,850.00	9,758.76	7,873.91	79.62	58.86	-92.76	1,762.38	-2,652.19	909.49	777.19	132.30	6.874			
10,500.00	7,850.00	9,837.75	7,874.99	81.71	60.73	-92.84	1,764.31	-2,731.14	907.65	771.73	135.91	6.678			
10,513.48	7,850.00	9,847.09	7,875.11	81.99	60.96	-92.84	1,764.39	-2,740.48	907.62	771.29	136.33	6.658			
10,600.00	7,850.00	9,910.42	7,875.98	83.83	62.46	-92.90	1,763.77	-2,803.80	908.87	769.75	139.13	6.533			
10,700.00	7,850.00	10,136.71	7,879.30	86.00	67.93	-93.15	1,777.78	-3,029.09	901.62	751.10	150.52	5.990			
10,800.00	7,850.00	10,185.00	7,880.15	88.20	69.12	-93.22	1,782.15	-3,077.17	893.14	740.18	152.96	5.839			
10,900.00	7,850.00	10,238.97	7,881.17	90.43	70.44	-93.29	1,784.10	-3,131.09	890.10	734.75	155.35	5.730			
10,909.10	7,850.00	10,243.89	7,881.26	90.63	70.56	-93.30	1,784.14	-3,136.01	890.08	734.52	155.55	5.722			
11,000.00	7,850.00	10,346.28	7,882.94	92.69	73.09	-93.40	1,783.44	-3,238.37	891.43	730.72	160.71	5.547			
11,100.00	7,850.00	10,502.31	7,885.63	94.98	76.99	-93.61	1,794.29	-3,393.94	883.97	715.30	168.67	5.241			
11,200.00	7,850.00	10,562.77	7,887.08	97.29	78.51	-93.72	1,797.90	-3,454.27	878.63	707.02	171.61	5.120			
11,300.00	7,850.00	10,657.97	7,888.81	99.62	80.91	-93.85	1,801.17	-3,549.40	875.78	699.43	176.35	4.966			
11,400.00	7,850.00	10,741.90	7,889.89	101.98	83.03	-93.92	1,803.03	-3,633.30	874.13	693.69	180.45	4.844			
11,415.57	7,850.00	10,751.00	7,890.01	102.35	83.26	-93.93	1,803.14	-3,642.40	874.05	693.21	180.84	4.833			
11,500.00	7,850.00	10,800.15	7,890.67	104.35	84.49	-93.97	1,802.56	-3,691.54	875.62	692.83	182.79	4.790			
11,600.00	7,850.00	10,855.05	7,891.46	106.74	85.86	-94.01	1,799.25	-3,746.33	882.20	697.66	184.54	4.780			
11,700.00	7,850.00	10,936.70	7,892.65	109.15	87.90	-94.04	1,790.59	-3,827.51	893.16	705.02	188.14	4.747			
11,800.00	7,850.00	11,061.78	7,894.15	111.57	91.02	-94.08	1,778.90	-3,952.03	903.09	707.93	195.16	4.627			
11,900.00	7,850.00	11,141.85	7,895.22	114.01	93.04	-94.12	1,772.10	-4,031.80	912.19	713.50	198.70	4.591			
12,000.00	7,850.00	11,307.18	7,897.32	116.46	97.23	-94.19	1,759.99	-4,196.61	920.71	712.18	208.53	4.415			
12,100.00	7,850.00	11,463.81	7,899.00	118.92	101.26	-94.30	1,761.13	-4,353.21	920.31	703.26	217.04	4.240			
12,183.72	7,850.00	11,521.36	7,899.75	120.99	102.75	-94.35	1,761.98	-4,410.75	919.41	699.54	219.87	4.182			
12,200.00	7,850.00	11,533.71	7,899.92	121.39	103.07	-94.36	1,762.03	-4,423.09	919.45	698.98	220.47	4.170			
12,300.00	7,850.00	11,642.88	7,901.34	123.88	105.90	-94.44	1,762.43	-4,532.25	919.67	693.51	226.16	4.066			
12,400.00	7,850.00	11,747.16	7,902.52	126.37	108.61	-94.52	1,764.06	-4,636.51	918.66	687.09	231.57	3.967			
12,447.14	7,850.00	11,784.81	7,902.91	127.55	109.59	-94.55	1,764.47	-4,674.16	918.42	684.97	233.45	3.934			
12,500.00	7,850.00	11,829.00	7,903.32	128.87	110.74	-94.57	1,764.44	-4,718.35	918.73	683.07	235.65	3.899			
12,600.00	7,850.00	11,941.67	7,904.46	131.38	113.67	-94.64	1,765.02	-4,831.01	918.73	677.14	241.60	3.803			
12,622.63	7,850.00	11,960.31	7,904.67	131.95	114.16	-94.66	1,765.17	-4,849.65	918.68	676.15	242.53	3.788			
12,700.00	7,850.00	12,031.27	7,905.38	133.90	116.01	-94.70	1,765.04	-4,920.60	919.23	673.08	246.15	3.734			
12,800.00	7,850.00	12,272.36	7,907.96	136.42	122.31	-94.95	1,783.98	-5,160.60	911.52	654.18	257.34	3.542			
12,900.00	7,850.00	12,358.38	7,908.94	138.96	124.56	-95.09	1,797.08	-5,245.61	897.01	634.85	262.16	3.422			
13,000.00	7,850.00	12,422.56	7,909.61	141.49	126.24	-95.18	1,804.96	-5,309.30	885.47	619.25	266.21	3.326			
13,100.00	7,850.00	12,489.00	7,910.24	144.04	127.99	-95.24	1,809.53	-5,375.57	878.79	608.79	270.00	3.255			
13,200.00	7,850.00	12,574.01	7,911.10	146.59	130.23	-95.32	1,813.05	-5,460.50	875.05	600.59	274.46	3.188			
13,300.00	7,850.00	12,663.68	7,912.17	149.15	132.59	-95.41	1,816.59	-5,550.09	871.71	592.60	279.11	3.123			
13,400.00	7,850.00	12,753.63	7,913.20	151.71	134.96	-95.48	1,818.99	-5,640.00	869.63	585.88	283.75	3.065			
13,472.58	7,850.00	12,812.99	7,913.78	153.57	136.53	-95.53	1,819.86	-5,699.36	869.01	582.28	286.72	3.031			
13,500.00	7,850.00	12,834.50	7,914.04	154.27	137.09	-95.54	1,819.91	-5,720.87	869.10	581.33	287.77	3.020			
13,600.00	7,850.00	12,920.59	7,915.35	156.84	139.36	-95.62	1,818.99	-5,806.94	870.76	578.73	292.03	2.982			
13,700.00	7,850.00	13,012.25	7,916.81	159.42	141.77	-95.70	1,817.01	-5,898.57	873.52	576.89	296.64	2.945			
13,800.00	7,850.00	13,105.32	7,918.22	162.00	144.21	-95.77	1,814.18	-5,991.59	877.17	575.84	301.33	2.911			
13,900.00	7,850.00	13,204.68	7,919.72	164.58	146.82	-95.84	1,810.61	-6,090.87	881.37	574.86	306.50	2.876			
14,000.00	7,850.00	13,308.72	7,921.09	167.17	149.56	-95.90	1,807.22	-6,194.84	885.21	573.18	312.03	2.837			
14,100.00	7,850.00	13,409.50	7,922.43	169.76	152.21	-95.97	1,804.27	-6,295.57	888.72	571.41	317.31	2.801			
14,200.00	7,850.00	13,514.47	7,923.81	172.35	154.98	-96.03	1,801.42	-6,400.49	892.03	569.13	322.91	2.762			
14,300.00	7,850.00	13,600.32	7,924.93	174.95	157.24	-96.08	1,798.86	-6,486.30	895.63	568.55	327.08	2.738			
14,400.00	7,850.00	13,667.65	7,925.75	177.55	159.01	-96.11	1,795.21	-6,553.51	901.73	572.17	329.57	2.736			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,500.00	7,850.00	13,738.67	7,926.53	180.15	160.86	-96.11	1,788.26	-6,624.19	911.88	579.82	332.06	2.746		
14,600.00	7,850.00	13,856.38	7,927.59	182.76	163.92	-96.09	1,776.57	-6,741.31	922.34	583.30	339.04	2.720		
14,700.00	7,850.00	13,978.76	7,928.62	185.37	167.13	-96.09	1,767.44	-6,863.34	930.30	584.00	346.29	2.686		
14,800.00	7,850.00	14,153.89	7,929.73	187.98	171.76	-96.13	1,762.81	-7,038.35	933.72	576.91	356.81	2.617		
14,900.00	7,850.00	14,316.44	7,930.08	190.59	176.08	-96.20	1,772.20	-7,200.59	928.03	563.26	364.77	2.544		
15,000.00	7,850.00	14,412.67	7,930.33	193.21	178.65	-96.27	1,780.25	-7,296.48	920.22	550.31	369.91	2.488		
15,100.00	7,850.00	14,504.84	7,930.70	195.83	181.10	-96.34	1,787.36	-7,388.38	913.06	538.16	374.90	2.435		
15,200.00	7,850.00	14,593.67	7,931.08	198.45	183.47	-96.40	1,793.40	-7,477.00	906.83	527.10	379.74	2.388		
15,300.00	7,850.00	14,695.94	7,931.35	201.07	186.20	-96.46	1,798.87	-7,579.13	902.04	516.95	385.09	2.342		
15,400.00	7,850.00	14,818.55	7,931.68	203.70	189.47	-96.55	1,809.35	-7,701.28	893.82	502.73	391.08	2.285		
15,500.00	7,850.00	14,896.04	7,932.09	206.32	191.54	-96.62	1,815.56	-7,778.52	886.46	490.87	395.59	2.241		
15,600.00	7,850.00	14,944.00	7,932.36	208.95	192.82	-96.65	1,818.09	-7,826.41	882.70	484.50	398.20	2.217		
15,629.65	7,850.00	14,974.06	7,932.54	209.73	193.62	-96.67	1,818.78	-7,856.45	882.17	482.39	399.78	2.207		
15,629.65	7,850.00	14,974.06	7,932.54	209.73	193.62	-96.67	1,818.78	-7,856.45	882.17	482.39	399.78	2.207		
15,700.00	7,850.00	15,008.53	7,932.74	211.58	194.53	-96.68	1,818.26	-7,890.92	883.60	482.70	400.90	2.204		
15,800.00	7,850.00	15,072.16	7,933.08	214.21	196.21	-96.67	1,814.17	-7,954.42	890.22	487.31	402.91	2.209		
15,900.00	7,850.00	15,171.02	7,933.53	216.85	198.81	-96.63	1,806.13	-8,052.95	898.82	490.71	408.10	2.202		
16,000.00	7,850.00	15,283.27	7,934.12	219.48	201.77	-96.61	1,798.50	-8,164.93	906.07	491.50	414.57	2.186		
16,100.00	7,850.00	15,412.82	7,934.88	222.12	205.20	-96.60	1,791.85	-8,294.30	911.82	489.45	422.37	2.159		
16,200.00	7,850.00	15,538.59	7,935.31	224.76	208.55	-96.62	1,790.35	-8,420.05	913.40	483.90	429.50	2.127		
16,300.00	7,850.00	15,631.74	7,935.73	227.39	211.03	-96.63	1,789.71	-8,513.21	914.59	480.27	434.33	2.106		
16,400.00	7,850.00	15,739.83	7,936.33	230.03	213.91	-96.66	1,788.74	-8,621.28	916.05	475.90	440.15	2.081		
16,500.00	7,850.00	15,861.76	7,937.04	232.68	217.17	-96.71	1,790.32	-8,743.20	915.26	468.56	446.70	2.049		
16,600.00	7,850.00	15,988.01	7,937.78	235.32	220.55	-96.79	1,794.95	-8,869.36	912.18	459.00	453.18	2.013		
16,700.00	7,850.00	16,099.41	7,938.33	237.96	223.53	-96.87	1,801.36	-8,980.57	907.00	448.15	458.85	1.977		
16,800.00	7,850.00	16,202.65	7,939.11	240.61	226.30	-96.97	1,808.77	-9,083.54	900.42	436.23	464.18	1.940		
16,900.00	7,850.00	16,284.66	7,939.69	243.26	228.49	-97.04	1,813.55	-9,165.40	895.17	426.38	468.79	1.910		
17,000.00	7,850.00	16,371.68	7,940.20	245.90	230.83	-97.10	1,817.14	-9,252.35	891.61	418.14	473.48	1.883		
17,100.00	7,850.00	16,469.60	7,940.86	248.55	233.45	-97.16	1,820.06	-9,350.23	889.20	410.56	478.64	1.858		
17,200.00	7,850.00	16,599.14	7,941.73	251.20	236.92	-97.27	1,827.35	-9,479.55	883.95	398.88	485.07	1.822		
17,300.00	7,850.00	16,691.03	7,942.29	253.85	239.38	-97.35	1,833.10	-9,571.26	878.30	388.27	490.03	1.792		
17,400.00	7,850.00	16,774.46	7,942.66	256.50	241.62	-97.40	1,837.14	-9,654.59	874.04	379.44	494.60	1.767		
17,500.00	7,850.00	16,850.59	7,943.14	259.16	243.66	-97.45	1,839.06	-9,730.69	872.12	373.55	498.57	1.749		
17,512.88	7,850.00	16,859.51	7,943.20	259.50	243.90	-97.45	1,839.13	-9,739.60	872.09	373.09	499.00	1.748		
17,600.00	7,850.00	16,919.81	7,943.60	261.81	245.51	-97.47	1,838.54	-9,799.90	873.43	371.79	501.64	1.741		
17,700.00	7,850.00	16,994.84	7,944.09	264.47	247.50	-97.47	1,835.51	-9,874.86	877.96	373.26	504.70	1.740		
17,800.00	7,850.00	17,080.41	7,944.62	267.12	249.77	-97.46	1,829.99	-9,960.26	884.87	376.33	508.55	1.740		
17,900.00	7,850.00	17,187.93	7,945.25	269.78	252.62	-97.43	1,822.54	-10,067.51	892.32	377.67	514.65	1.734		
18,000.00	7,850.00	17,323.02	7,946.15	272.43	256.21	-97.44	1,817.51	-10,202.49	896.41	373.33	523.08	1.714		
18,100.00	7,850.00	17,398.00	7,946.59	275.09	258.21	-97.44	1,814.63	-10,277.41	900.70	374.47	526.23	1.712		
18,200.00	7,850.00	17,479.10	7,947.10	277.75	260.36	-97.43	1,809.54	-10,358.35	907.42	377.76	529.66	1.713		
18,300.00	7,850.00	17,634.09	7,948.20	280.41	264.48	-97.44	1,802.48	-10,513.14	912.80	373.01	539.79	1.691		
18,400.00	7,850.00	17,792.76	7,949.08	283.07	268.74	-97.51	1,806.24	-10,671.74	910.93	362.85	548.08	1.662		
18,500.00	7,850.00	17,915.00	7,949.88	285.73	272.02	-97.65	1,817.31	-10,793.46	901.99	348.16	553.83	1.629		
18,566.61	7,850.00	17,915.00	7,949.88	287.50	272.02	-97.65	1,817.31	-10,793.46	899.53	344.86	554.67	1.622 ES, SF		

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

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 25-MWD OWSG													Offset Well Error:		0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	0.00	0.00	-37.83	1,305.56	-1,013.62	1,652.97						
100.00	100.00	75.42	75.42	0.13	0.18	-37.83	1,305.57	-1,013.72	1,652.93	1,652.61	0.32	5,239.748			
200.00	200.00	175.82	175.82	0.49	0.54	-37.84	1,305.66	-1,014.17	1,653.27	1,652.24	1.03	1,600.254			
300.00	299.98	279.39	279.39	0.85	0.91	-30.88	1,305.76	-1,014.30	1,651.92	1,650.16	1.76	939.394			
400.00	399.84	379.87	379.87	1.22	1.25	-31.01	1,305.80	-1,014.23	1,647.43	1,644.96	2.47	666.946			
500.00	499.45	477.37	477.36	1.59	1.60	-31.24	1,305.91	-1,014.19	1,640.02	1,636.84	3.18	515.792			
600.00	598.70	575.17	575.17	1.97	1.94	-31.56	1,306.13	-1,014.23	1,629.80	1,625.89	3.90	417.762			
700.00	697.47	679.64	679.64	2.38	2.31	-32.00	1,306.37	-1,014.13	1,616.58	1,611.93	4.65	347.572			
800.00	795.62	785.28	785.28	2.82	2.68	-32.56	1,306.27	-1,013.59	1,599.97	1,594.56	5.41	295.880			
900.00	893.06	885.19	885.18	3.29	3.02	-33.21	1,306.04	-1,012.77	1,580.24	1,574.09	6.16	256.695			
1,000.00	989.64	977.52	977.51	3.79	3.34	-33.95	1,305.74	-1,012.17	1,557.81	1,550.91	6.90	225.896			
1,100.00	1,085.27	1,069.05	1,069.04	4.34	3.66	-34.81	1,305.65	-1,011.76	1,532.98	1,525.33	7.66	200.255			
1,200.00	1,179.82	1,164.67	1,164.66	4.93	4.00	-35.83	1,305.60	-1,011.44	1,505.68	1,497.23	8.45	178.143			
1,300.00	1,273.48	1,253.28	1,253.27	5.56	4.31	-36.66	1,305.70	-1,011.11	1,476.65	1,467.40	9.25	159.684			
1,400.00	1,367.08	1,346.39	1,346.37	6.19	4.64	-37.46	1,305.97	-1,010.90	1,447.98	1,437.91	10.07	143.808			
1,500.00	1,460.69	1,441.03	1,441.02	6.84	4.98	-38.30	1,306.14	-1,010.75	1,419.56	1,408.65	10.91	130.108			
1,600.00	1,554.30	1,533.17	1,533.16	7.50	5.31	-39.15	1,306.26	-1,010.65	1,391.45	1,379.69	11.76	118.342			
1,700.00	1,647.90	1,628.79	1,628.78	8.15	5.65	-40.08	1,306.40	-1,010.55	1,363.67	1,351.04	12.63	107.977			
1,800.00	1,741.51	1,727.28	1,727.27	8.82	6.00	-41.06	1,306.50	-1,010.14	1,335.98	1,322.46	13.52	98.803			
1,900.00	1,835.12	1,819.17	1,819.16	9.48	6.33	-42.00	1,306.63	-1,009.54	1,308.53	1,294.12	14.41	90.824			
2,000.00	1,928.73	1,911.03	1,911.02	10.15	6.65	-42.98	1,306.80	-1,009.09	1,281.58	1,266.28	15.31	83.725			
2,100.00	2,022.33	2,003.73	2,003.72	10.82	6.98	-44.02	1,307.01	-1,008.74	1,255.15	1,238.92	16.22	77.367			
2,200.00	2,115.94	2,097.69	2,097.67	11.49	7.32	-45.11	1,307.18	-1,008.46	1,229.17	1,212.01	17.16	71.642			
2,300.00	2,209.55	2,190.56	2,190.54	12.16	7.65	-46.24	1,307.31	-1,008.21	1,203.65	1,185.55	18.10	66.492			
2,400.00	2,303.15	2,283.12	2,283.10	12.83	7.98	-47.41	1,307.38	-1,008.13	1,178.72	1,159.66	19.06	61.849			
2,500.00	2,396.76	2,376.88	2,376.86	13.51	8.30	-48.66	1,307.36	-1,008.16	1,154.36	1,134.33	20.02	57.649			
2,600.00	2,490.37	2,470.94	2,470.92	14.18	8.63	-49.95	1,307.35	-1,008.13	1,130.52	1,109.51	21.01	53.814			
2,700.00	2,583.97	2,563.99	2,563.97	14.86	8.96	-51.28	1,307.39	-1,008.09	1,107.31	1,085.30	22.01	50.304			
2,800.00	2,677.58	2,657.69	2,657.67	15.53	9.29	-52.67	1,307.40	-1,008.09	1,084.76	1,061.72	23.03	47.093			
2,900.00	2,771.19	2,751.32	2,751.30	16.21	9.62	-54.12	1,307.41	-1,008.08	1,062.89	1,038.82	24.07	44.156			
3,000.00	2,864.79	2,845.01	2,844.99	16.89	9.96	-55.62	1,307.43	-1,008.06	1,041.74	1,016.61	25.13	41.462			
3,100.00	2,958.40	2,938.46	2,938.44	17.57	10.29	-57.17	1,307.48	-1,008.03	1,021.36	995.17	26.19	38.993			
3,200.00	3,052.01	3,031.71	3,031.69	18.24	10.62	-58.77	1,307.53	-1,008.04	1,001.85	974.58	27.27	36.736			
3,300.00	3,145.62	3,125.93	3,125.91	18.92	10.95	-60.45	1,307.60	-1,008.00	983.17	954.80	28.37	34.660			
3,400.00	3,239.22	3,218.81	3,218.79	19.60	11.27	-62.16	1,307.64	-1,008.01	965.43	935.96	29.47	32.762			
3,500.00	3,332.83	3,312.41	3,312.39	20.28	11.59	-63.94	1,307.67	-1,008.06	948.70	918.12	30.58	31.025			
3,600.00	3,426.44	3,406.55	3,406.53	20.96	11.92	-65.79	1,307.69	-1,008.07	932.96	901.25	31.71	29.425			
3,700.00	3,520.04	3,500.22	3,500.20	21.64	12.25	-67.69	1,307.69	-1,008.07	918.27	885.43	32.84	27.959			
3,800.00	3,613.65	3,594.07	3,594.05	22.32	12.57	-69.64	1,307.65	-1,008.06	904.69	870.71	33.98	26.624			
3,900.00	3,707.26	3,687.21	3,687.19	23.00	12.89	-71.63	1,307.57	-1,008.07	892.32	857.21	35.11	25.412			
4,000.00	3,800.86	3,780.90	3,780.88	23.68	13.21	-73.68	1,307.46	-1,008.11	881.20	844.95	36.25	24.312			
4,100.00	3,894.47	3,874.63	3,874.61	24.36	13.53	-75.78	1,307.32	-1,008.13	871.34	833.97	37.38	23.313			
4,200.00	3,988.08	3,967.82	3,967.80	25.04	13.84	-77.91	1,307.23	-1,008.16	862.84	824.35	38.50	22.414			
4,300.00	4,081.68	4,061.39	4,061.37	25.72	14.16	-80.07	1,307.18	-1,008.20	855.73	816.12	39.61	21.606			
4,400.00	4,175.29	4,154.78	4,154.76	26.40	14.48	-82.26	1,307.15	-1,008.26	850.02	809.32	40.70	20.885			
4,500.00	4,268.90	4,247.70	4,247.68	27.08	14.80	-84.45	1,307.17	-1,008.37	845.80	804.03	41.78	20.245			
4,600.00	4,362.51	4,342.01	4,341.99	27.76	15.12	-86.70	1,307.12	-1,008.47	843.02	800.19	42.84	19.680			
4,700.00	4,456.11	4,435.66	4,435.64	28.44	15.44	-88.95	1,307.00	-1,008.53	841.67	797.80	43.87	19.185			
4,732.38	4,486.42	4,464.70	4,464.68	28.66	15.54	-89.65	1,306.93	-1,008.57	841.58	797.38	44.19	19.043 CC			
4,800.00	4,549.72	4,526.19	4,526.17	29.12	15.75	-91.14	1,306.63	-1,008.75	842.00	797.14	44.86	18.768			
4,900.00	4,643.33	4,630.25	4,630.22	29.80	16.11	-93.62	1,306.73	-1,008.58	843.37	797.49	45.88	18.381			
5,000.00	4,736.93	4,717.75	4,717.72	30.48	16.42	-95.69	1,307.01	-1,008.38	846.08	799.26	46.81	18.074			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<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 3-T4S-R65W - EXIST HZ PROPERTY RESERVE 4-65 3-4 2CH - OWB - FINAL SURVEY	Offset Site Error:	0.00 usft
Survey Program:													25-MWD OWSG	Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
5,100.00	4,830.54	4,811.33	4,811.30	31.16	16.75	-97.89	1,307.15	-1,008.34	850.43	802.70	47.73	17.817			
5,200.00	4,924.15	4,905.67	4,905.64	31.84	17.09	-100.08	1,307.32	-1,008.27	856.16	807.54	48.62	17.609			
5,300.00	5,017.75	4,997.43	4,997.40	32.52	17.40	-102.20	1,307.40	-1,008.25	863.36	813.90	49.46	17.456			
5,400.00	5,111.36	5,091.43	5,091.41	33.20	17.73	-104.33	1,307.36	-1,008.26	871.98	821.71	50.27	17.345			
5,500.00	5,204.97	5,185.33	5,185.30	33.88	18.06	-106.43	1,307.33	-1,008.23	881.89	830.83	51.06	17.272			
5,600.00	5,298.57	5,277.88	5,277.85	34.56	18.38	-108.45	1,307.26	-1,008.24	893.11	841.31	51.80	17.240			
5,700.00	5,392.18	5,389.27	5,389.25	35.25	18.77	-110.81	1,307.70	-1,007.55	904.89	852.27	52.62	17.197			
5,800.00	5,485.79	5,527.07	5,526.90	35.93	19.25	-113.64	1,310.86	-1,002.41	914.34	860.86	53.48	17.098			
5,900.00	5,579.40	5,650.76	5,650.13	36.61	19.69	-116.21	1,314.99	-992.80	921.19	866.99	54.20	16.997			
6,000.00	5,673.00	5,768.22	5,766.80	37.29	20.11	-118.73	1,319.04	-979.85	926.67	871.83	54.84	16.899			
6,100.00	5,766.61	5,875.42	5,873.01	37.97	20.50	-121.09	1,322.52	-965.68	931.93	876.51	55.43	16.814			
6,200.00	5,860.22	5,988.22	5,984.22	38.65	20.91	-123.69	1,325.91	-947.13	936.24	880.29	55.94	16.736			
6,300.00	5,953.82	6,093.62	6,087.80	39.33	21.29	-126.16	1,328.92	-927.89	940.92	884.50	56.42	16.677			
6,400.00	6,047.43	6,202.21	6,193.92	40.02	21.70	-128.83	1,331.46	-905.04	945.59	888.76	56.83	16.639			
6,500.00	6,141.04	6,311.05	6,299.43	40.70	22.12	-131.66	1,332.96	-878.41	950.41	893.25	57.16	16.626			
6,600.00	6,234.64	6,399.55	6,384.75	41.38	22.47	-134.04	1,333.56	-854.88	956.34	898.81	57.53	16.623			
6,700.00	6,328.25	6,521.96	6,502.54	42.06	22.97	-137.26	1,336.05	-821.71	963.15	905.40	57.75	16.678			
6,800.00	6,421.86	6,658.38	6,633.02	42.74	23.54	-140.69	1,344.59	-782.85	968.02	910.13	57.89	16.723			
6,900.00	6,515.47	6,797.62	6,764.20	43.42	24.16	-144.24	1,357.91	-738.17	970.26	912.33	57.93	16.749			
6,995.80	6,605.14	6,914.19	6,872.32	44.08	24.70	-147.27	1,373.01	-697.31	970.07	912.01	58.06	16.707			
7,000.00	6,609.07	6,917.71	6,875.57	44.10	24.72	-147.36	1,373.49	-696.05	970.07	911.99	58.08	16.701			
7,100.00	6,702.68	6,995.67	6,947.69	44.79	25.10	-149.39	1,383.91	-668.35	971.54	912.98	58.56	16.591			
7,200.00	6,796.29	7,060.56	7,008.48	45.47	25.41	-150.99	1,392.05	-647.15	976.86	917.78	59.08	16.533			
7,300.00	6,889.89	7,109.31	7,055.03	46.15	25.63	-152.06	1,397.72	-633.88	986.91	927.33	59.59	16.563			
7,400.00	6,983.50	7,166.00	7,110.58	46.83	25.88	-152.98	1,403.64	-624.48	1,002.58	942.55	60.03	16.701			
7,500.00	7,077.11	7,239.34	7,183.27	47.51	26.15	-153.82	1,411.39	-618.73	1,021.86	961.35	60.51	16.887			
7,600.00	7,170.71	7,316.66	7,259.98	48.19	26.42	-154.35	1,420.73	-618.44	1,042.60	981.56	61.04	17.080			
7,700.00	7,264.32	7,354.00	7,296.88	48.88	26.54	-154.42	1,425.58	-621.50	1,066.40	1,005.12	61.28	17.401			
7,800.00	7,357.90	7,414.15	7,355.59	49.56	26.71	-147.81	1,432.44	-632.34	1,093.85	1,032.17	61.68	17.733			
7,900.00	7,450.12	7,449.00	7,388.82	50.26	26.80	-123.15	1,435.33	-642.40	1,122.69	1,061.02	61.66	18.207			
8,000.00	7,538.18	7,508.82	7,444.00	50.97	26.94	-106.81	1,439.25	-665.06	1,149.19	1,087.28	61.91	18.562			
8,100.00	7,619.40	7,576.87	7,503.39	51.66	27.10	-96.61	1,443.21	-697.96	1,172.05	1,109.75	62.30	18.813			
8,200.00	7,691.32	7,681.38	7,586.16	52.34	27.37	-90.50	1,452.47	-760.88	1,188.25	1,124.74	63.50	18.712			
8,300.00	7,751.74	7,757.01	7,639.16	53.00	27.61	-86.84	1,462.13	-813.91	1,196.17	1,131.89	64.28	18.609			
8,400.00	7,798.84	7,798.66	7,665.60	53.64	27.77	-84.73	1,466.39	-845.79	1,200.33	1,135.88	64.45	18.623			
8,500.00	7,831.18	7,827.00	7,682.38	54.26	27.88	-83.73	1,468.47	-868.53	1,201.55	1,137.09	64.45	18.643			
8,600.00	7,847.78	7,874.01	7,707.66	54.86	28.12	-84.10	1,470.19	-908.10	1,199.92	1,134.79	65.13	18.422			
8,700.00	7,850.00	7,921.00	7,729.35	55.46	28.37	-85.17	1,469.55	-949.76	1,197.33	1,131.34	66.00	18.142			
8,721.39	7,850.00	7,921.00	7,729.35	55.59	28.37	-85.17	1,469.55	-949.76	1,197.14	1,131.18	65.96	18.150			
8,800.00	7,850.00	7,995.51	7,755.20	56.13	28.88	-86.42	1,467.37	-1,019.52	1,197.78	1,130.09	67.70	17.693			
8,900.00	7,850.00	8,136.57	7,773.13	56.90	30.09	-87.27	1,468.93	-1,158.94	1,196.25	1,125.00	71.25	16.790			
9,000.00	7,850.00	8,203.00	7,773.51	57.76	30.76	-87.29	1,470.38	-1,225.36	1,194.71	1,121.77	72.94	16.380			
9,014.50	7,850.00	8,220.52	7,773.39	57.89	30.97	-87.28	1,470.55	-1,242.87	1,194.63	1,121.18	73.44	16.266			
9,100.00	7,850.00	8,273.37	7,773.43	58.72	31.60	-87.28	1,470.07	-1,295.72	1,195.79	1,120.89	74.91	15.963			
9,200.00	7,850.00	8,366.40	7,774.41	59.79	32.82	-87.34	1,467.13	-1,388.70	1,199.34	1,121.56	77.77	15.421			
9,300.00	7,850.00	8,487.88	7,776.29	60.96	34.61	-87.43	1,464.61	-1,510.13	1,201.82	1,119.95	81.87	14.680			
9,400.00	7,850.00	8,585.18	7,778.40	62.23	36.20	-87.54	1,463.38	-1,607.40	1,203.46	1,118.09	85.37	14.096			
9,500.00	7,850.00	8,681.17	7,780.49	63.60	37.90	-87.64	1,461.87	-1,703.36	1,205.40	1,116.39	89.01	13.542			
9,600.00	7,850.00	8,789.50	7,782.96	65.07	39.92	-87.76	1,460.46	-1,811.65	1,207.08	1,113.77	93.31	12.936			
9,700.00	7,850.00	8,894.80	7,785.23	66.63	41.98	-87.87	1,459.51	-1,916.92	1,208.38	1,110.74	97.64	12.375			
9,800.00	7,850.00	9,008.07	7,787.72	68.28	44.30	-87.99	1,459.58	-2,030.16	1,208.69	1,106.24	102.46	11.797			
9,864.34	7,850.00	9,070.69	7,789.15	69.38	45.62	-88.06	1,460.00	-2,092.77	1,208.53	1,103.35	105.18	11.490			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,900.00	7,850.00	9,098.23	7,789.77	70.00	46.21	-88.09	1,460.01	-2,120.30	1,208.65	1,102.26	106.38	11.361		
10,000.00	7,850.00	9,196.30	7,791.81	71.80	48.33	-88.19	1,459.13	-2,218.35	1,209.94	1,099.20	110.74	10.926		
10,100.00	7,850.00	9,393.60	7,795.42	73.67	52.75	-88.35	1,465.59	-2,415.44	1,207.40	1,087.88	119.52	10.102		
10,200.00	7,850.00	9,488.05	7,797.49	75.60	54.93	-88.44	1,473.41	-2,509.55	1,199.58	1,075.64	123.94	9.679		
10,300.00	7,850.00	9,553.96	7,799.04	77.59	56.47	-88.51	1,477.29	-2,575.32	1,194.14	1,066.97	127.17	9.390		
10,400.00	7,850.00	9,621.00	7,800.46	79.62	58.04	-88.58	1,479.02	-2,642.32	1,191.85	1,061.43	130.41	9.139		
10,430.10	7,850.00	9,637.13	7,800.77	80.24	58.43	-88.59	1,479.12	-2,658.44	1,191.73	1,060.54	131.19	9.084		
10,500.00	7,850.00	9,691.05	7,801.84	81.71	59.70	-88.64	1,478.99	-2,712.35	1,192.20	1,058.44	133.76	8.913		
10,600.00	7,850.00	9,770.96	7,803.52	83.83	61.61	-88.72	1,477.55	-2,792.23	1,194.42	1,056.85	137.57	8.682		
10,700.00	7,850.00	9,852.04	7,805.29	86.00	63.55	-88.81	1,474.80	-2,873.25	1,198.23	1,056.79	141.44	8.472		
10,800.00	7,850.00	10,040.76	7,807.58	88.20	68.13	-88.93	1,472.58	-3,061.84	1,200.50	1,049.80	150.69	7.966		
10,900.00	7,850.00	10,127.40	7,808.72	90.43	70.27	-88.98	1,475.39	-3,148.43	1,197.77	1,042.76	155.01	7.727		
10,957.11	7,850.00	10,164.45	7,809.23	91.72	71.18	-89.00	1,475.87	-3,185.48	1,197.29	1,040.41	156.88	7.632		
11,000.00	7,850.00	10,187.00	7,809.54	92.69	71.74	-89.02	1,475.85	-3,208.02	1,197.58	1,039.59	157.99	7.580		
11,100.00	7,850.00	10,248.22	7,810.40	94.98	73.25	-89.06	1,474.31	-3,269.21	1,200.68	1,039.77	160.92	7.462		
11,200.00	7,850.00	10,308.19	7,811.23	97.29	74.73	-89.10	1,470.55	-3,329.05	1,207.35	1,043.70	163.65	7.378		
11,300.00	7,850.00	10,375.00	7,812.05	99.62	76.38	-89.15	1,464.36	-3,395.57	1,217.02	1,050.36	166.66	7.302		
11,400.00	7,850.00	10,461.87	7,813.09	101.98	78.51	-89.20	1,454.71	-3,481.90	1,228.56	1,057.71	170.86	7.191		
11,500.00	7,850.00	10,646.95	7,815.50	104.35	83.12	-89.32	1,439.36	-3,666.28	1,237.54	1,056.67	180.87	6.842		
11,600.00	7,850.00	10,946.94	7,819.49	106.74	90.76	-89.51	1,447.07	-3,965.85	1,237.28	1,042.40	194.88	6.349		
11,700.00	7,850.00	11,021.76	7,820.44	109.15	92.68	-89.55	1,454.97	-4,040.24	1,227.17	1,028.06	199.12	6.163		
11,800.00	7,850.00	11,083.32	7,821.18	111.57	94.26	-89.58	1,460.01	-4,101.59	1,219.51	1,016.75	202.76	6.015		
11,900.00	7,850.00	11,131.00	7,821.76	114.01	95.49	-89.61	1,462.43	-4,149.20	1,215.29	1,009.70	205.59	5.911		
11,978.19	7,850.00	11,188.44	7,822.54	115.93	96.97	-89.64	1,463.63	-4,206.62	1,214.19	1,005.57	208.61	5.820		
12,000.00	7,850.00	11,201.38	7,822.73	116.46	97.31	-89.65	1,463.64	-4,219.56	1,214.26	1,004.98	209.29	5.802		
12,100.00	7,850.00	11,289.22	7,824.08	118.92	99.57	-89.72	1,462.50	-4,307.38	1,215.96	1,002.14	213.82	5.687		
12,200.00	7,850.00	11,390.12	7,825.55	121.39	102.18	-89.79	1,461.32	-4,408.26	1,217.59	998.55	219.04	5.559		
12,300.00	7,850.00	11,527.80	7,827.47	123.88	105.75	-89.88	1,461.27	-4,545.93	1,218.24	992.12	226.12	5.388		
12,400.00	7,850.00	11,707.37	7,829.55	126.37	110.43	-89.97	1,470.94	-4,725.19	1,213.16	978.47	234.69	5.169		
12,500.00	7,850.00	11,837.08	7,831.18	128.87	113.81	-90.05	1,483.91	-4,854.23	1,203.54	962.61	240.93	4.995		
12,600.00	7,850.00	11,925.53	7,832.39	131.38	116.12	-90.11	1,493.49	-4,942.16	1,193.21	947.44	245.77	4.855		
12,700.00	7,850.00	11,998.95	7,833.21	133.90	118.05	-90.15	1,500.07	-5,015.28	1,184.74	934.69	250.04	4.738		
12,800.00	7,850.00	12,074.00	7,834.17	136.42	120.02	-90.20	1,504.98	-5,090.16	1,178.61	924.32	254.29	4.635		
12,900.00	7,850.00	12,121.90	7,834.86	138.96	121.27	-90.23	1,506.55	-5,138.02	1,175.67	918.56	257.12	4.573		
12,919.82	7,850.00	12,131.94	7,835.00	139.46	121.53	-90.24	1,506.64	-5,148.06	1,175.59	917.94	257.65	4.563		
13,000.00	7,850.00	12,175.43	7,835.61	141.49	122.67	-90.27	1,506.08	-5,191.54	1,176.93	917.11	259.82	4.530		
13,100.00	7,850.00	12,258.01	7,836.70	144.04	124.83	-90.32	1,503.30	-5,274.06	1,180.78	916.77	264.01	4.472		
13,200.00	7,850.00	12,346.06	7,837.73	146.59	127.13	-90.37	1,499.22	-5,362.02	1,185.89	917.38	268.50	4.417		
13,300.00	7,850.00	12,514.98	7,839.95	149.15	131.56	-90.48	1,496.88	-5,530.87	1,187.19	909.47	277.72	4.275		
13,400.00	7,850.00	12,622.76	7,841.22	151.71	134.40	-90.54	1,497.92	-5,638.64	1,186.71	903.34	283.38	4.188		
13,500.00	7,850.00	12,715.54	7,842.27	154.27	136.84	-90.59	1,499.01	-5,731.40	1,186.03	897.75	288.28	4.114		
13,543.98	7,850.00	12,756.40	7,842.64	155.40	137.92	-90.61	1,499.24	-5,772.26	1,185.99	895.55	290.43	4.083		
13,600.00	7,850.00	12,810.10	7,843.07	156.84	139.34	-90.63	1,499.45	-5,825.96	1,186.04	892.78	293.27	4.044		
13,700.00	7,850.00	12,934.97	7,844.31	159.42	142.64	-90.69	1,501.12	-5,950.81	1,185.19	885.40	299.79	3.953		
13,800.00	7,850.00	13,017.37	7,844.85	162.00	144.82	-90.71	1,502.47	-6,033.19	1,184.03	879.83	304.20	3.892		
13,900.00	7,850.00	13,123.93	7,845.16	164.58	147.63	-90.73	1,503.70	-6,139.74	1,183.34	873.54	309.81	3.820		
13,926.50	7,850.00	13,138.95	7,845.22	165.27	148.03	-90.73	1,503.78	-6,154.77	1,183.28	872.66	310.62	3.809		
14,000.00	7,850.00	13,191.53	7,845.45	167.17	149.42	-90.74	1,503.57	-6,207.34	1,183.93	870.56	313.36	3.778		
14,100.00	7,850.00	13,262.13	7,845.79	169.76	151.28	-90.76	1,501.79	-6,277.92	1,186.92	870.04	316.89	3.746		
14,200.00	7,850.00	13,331.36	7,846.18	172.35	153.10	-90.77	1,498.32	-6,347.06	1,192.43	872.29	320.14	3.725		
14,300.00	7,850.00	13,395.00	7,846.51	174.95	154.77	-90.79	1,493.49	-6,410.51	1,200.58	877.82	322.76	3.720		
14,400.00	7,850.00	13,444.84	7,846.78	177.55	156.05	-90.80	1,487.95	-6,460.03	1,212.31	888.37	323.94	3.742		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,500.00	7,850.00	13,494.39	7,847.11	180.15	157.33	-90.81	1,480.19	-6,508.97	1,228.31	903.68	324.63	3.784		
14,600.00	7,850.00	13,793.46	7,849.21	182.76	165.11	-90.89	1,453.40	-6,806.33	1,236.98	892.05	344.94	3.586		
14,700.00	7,850.00	13,868.00	7,849.74	185.37	167.09	-90.91	1,451.48	-6,880.83	1,239.97	891.21	348.77	3.555		
14,800.00	7,850.00	13,998.97	7,850.61	187.98	170.56	-90.95	1,448.48	-7,011.76	1,242.80	886.97	355.83	3.493		
14,900.00	7,850.00	14,090.17	7,851.33	190.59	172.98	-90.98	1,448.09	-7,102.96	1,243.79	883.13	360.66	3.449		
15,000.00	7,850.00	14,152.00	7,851.77	193.21	174.62	-91.00	1,446.09	-7,164.75	1,247.46	883.78	363.68	3.430		
15,100.00	7,850.00	14,217.27	7,852.16	195.83	176.34	-91.01	1,442.07	-7,229.90	1,254.04	887.41	366.62	3.420		
15,200.00	7,850.00	14,493.76	7,854.31	198.45	183.67	-91.11	1,441.86	-7,506.04	1,254.10	873.04	381.06	3.291		
15,300.00	7,850.00	14,649.16	7,855.22	201.07	187.81	-91.16	1,455.90	-7,660.78	1,245.46	857.70	387.76	3.212		
15,400.00	7,850.00	14,745.76	7,855.77	203.70	190.38	-91.20	1,467.05	-7,756.73	1,234.41	841.40	393.01	3.141		
15,500.00	7,850.00	14,812.00	7,856.15	206.32	192.15	-91.22	1,473.32	-7,822.67	1,225.41	827.85	397.56	3.082		
15,600.00	7,850.00	14,871.92	7,856.49	208.95	193.75	-91.24	1,477.21	-7,882.46	1,219.38	817.77	401.61	3.036		
15,700.00	7,850.00	14,935.87	7,856.85	211.58	195.45	-91.26	1,479.34	-7,946.37	1,216.49	811.06	405.43	3.000		
15,755.80	7,850.00	14,973.70	7,857.01	213.05	196.46	-91.27	1,479.80	-7,984.20	1,216.08	808.55	407.53	2.984		
15,800.00	7,850.00	15,005.33	7,857.10	214.21	197.31	-91.27	1,479.76	-8,015.83	1,216.33	807.11	409.22	2.972		
15,900.00	7,850.00	15,112.12	7,857.43	216.85	200.15	-91.29	1,479.58	-8,122.62	1,216.97	802.06	414.91	2.933		
16,000.00	7,850.00	15,204.50	7,858.10	219.48	202.62	-91.32	1,479.29	-8,215.00	1,217.78	797.95	419.83	2.901		
16,100.00	7,850.00	15,298.45	7,858.55	222.12	205.12	-91.34	1,478.50	-8,308.94	1,219.10	794.28	424.82	2.870		
16,200.00	7,850.00	15,391.09	7,859.04	224.76	207.59	-91.36	1,477.09	-8,401.57	1,221.09	791.37	429.72	2.842		
16,300.00	7,850.00	15,498.39	7,859.82	227.39	210.45	-91.39	1,475.72	-8,508.86	1,222.85	787.38	435.47	2.808		
16,400.00	7,850.00	15,607.34	7,860.57	230.03	213.36	-91.43	1,474.49	-8,617.80	1,224.50	783.21	441.29	2.775		
16,500.00	7,850.00	15,761.05	7,861.87	232.68	217.47	-91.49	1,477.17	-8,771.46	1,223.29	774.18	449.11	2.724		
16,600.00	7,850.00	15,885.25	7,863.52	235.32	220.79	-91.57	1,483.92	-8,895.47	1,218.26	762.98	455.29	2.676		
16,700.00	7,850.00	16,700.00	7,864.87	237.96	242.58	-91.65	1,493.73	-9,027.81	1,211.36	731.58	479.78	2.525		
16,800.00	7,850.00	16,134.00	7,866.01	240.61	227.44	-91.72	1,507.16	-9,143.02	1,199.93	732.82	467.10	2.569		
16,900.00	7,850.00	16,196.63	7,866.71	243.26	229.11	-91.77	1,513.27	-9,205.34	1,191.13	719.50	471.63	2.526		
17,000.00	7,850.00	16,252.17	7,867.45	245.90	230.60	-91.80	1,515.92	-9,260.81	1,186.71	711.28	475.43	2.496		
17,100.00	7,850.00	16,322.00	7,868.36	248.55	232.47	-91.85	1,517.26	-9,330.62	1,185.29	705.93	479.36	2.473		
17,105.29	7,850.00	16,324.91	7,868.40	248.69	232.55	-91.85	1,517.27	-9,333.53	1,185.29	705.77	479.52	2.472		
17,200.00	7,850.00	16,403.23	7,869.38	251.20	234.64	-91.90	1,517.13	-9,411.84	1,185.94	702.27	483.67	2.452		
17,300.00	7,850.00	16,487.01	7,870.51	253.85	236.88	-91.95	1,515.82	-9,495.60	1,188.02	700.00	488.02	2.434		
17,400.00	7,850.00	16,566.15	7,871.54	256.50	238.98	-92.00	1,513.42	-9,574.70	1,191.58	699.63	491.95	2.422		
17,500.00	7,850.00	16,644.21	7,872.21	259.16	241.06	-92.02	1,509.57	-9,652.66	1,197.01	701.34	495.66	2.415		
17,600.00	7,850.00	16,728.05	7,873.07	261.81	243.28	-92.05	1,503.99	-9,736.30	1,204.13	704.44	499.70	2.410		
17,700.00	7,850.00	16,836.66	7,874.53	264.47	246.16	-92.11	1,496.30	-9,844.63	1,211.76	706.04	505.72	2.396		
17,800.00	7,850.00	16,970.83	7,876.63	267.12	249.73	-92.19	1,489.67	-9,978.62	1,217.21	703.65	513.56	2.370		
17,900.00	7,850.00	17,101.24	7,878.56	269.78	253.21	-92.28	1,486.84	-10,108.98	1,219.87	699.08	520.80	2.342		
18,000.00	7,850.00	17,218.77	7,880.38	272.43	256.35	-92.36	1,486.19	-10,226.49	1,220.99	693.91	527.08	2.317		
18,100.00	7,850.00	17,345.46	7,882.26	275.09	259.75	-92.45	1,488.18	-10,353.15	1,219.93	686.26	533.67	2.286		
18,200.00	7,850.00	17,437.67	7,883.65	277.75	262.22	-92.52	1,490.40	-10,445.32	1,218.07	679.41	538.66	2.261		
18,300.00	7,850.00	17,524.91	7,885.05	280.41	264.56	-92.59	1,491.64	-10,532.55	1,217.20	673.81	543.39	2.240		
18,329.85	7,850.00	17,550.89	7,885.41	281.20	265.26	-92.61	1,491.82	-10,558.52	1,217.14	672.35	544.79	2.234		
18,400.00	7,850.00	17,606.19	7,886.18	283.07	266.74	-92.64	1,491.79	-10,613.81	1,217.56	669.82	547.74	2.223		
18,500.00	7,850.00	17,683.90	7,887.33	285.73	268.82	-92.69	1,490.59	-10,691.51	1,219.64	667.92	551.72	2.211		
18,566.61	7,850.00	17,738.00	7,888.10	287.50	270.26	-92.72	1,488.88	-10,745.57	1,222.09	667.65	554.44	2.204	ES, SF	

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

### Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft	
Survey Program: 25-MWD OWSG													Offset Well Error:		0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	0.00	0.00	-36.72	1,305.56	-973.97	1,628.95						
100.00	100.00	68.37	68.37	0.13	0.16	-36.73	1,305.61	-974.16	1,629.03	1,628.74	0.29	5,582.098			
200.00	200.00	161.13	161.12	0.49	0.49	-36.76	1,305.96	-975.43	1,630.14	1,629.16	0.98	1,659.172			
300.00	299.98	261.07	261.05	0.85	0.85	-29.81	1,306.46	-976.68	1,629.77	1,628.07	1.70	959.107			
400.00	399.84	364.63	364.61	1.22	1.22	-29.96	1,306.95	-977.87	1,626.30	1,623.87	2.43	668.033			
500.00	499.45	466.44	466.41	1.59	1.58	-30.20	1,307.31	-978.85	1,619.61	1,616.45	3.17	511.335			
600.00	598.70	569.94	569.90	1.97	1.95	-30.54	1,307.72	-979.53	1,609.79	1,605.88	3.91	411.671			
700.00	697.47	670.39	670.36	2.38	2.31	-30.96	1,308.16	-979.73	1,596.77	1,592.13	4.65	343.595			
800.00	795.62	769.98	769.95	2.82	2.66	-31.48	1,308.56	-979.89	1,580.78	1,575.39	5.39	293.199			
900.00	893.06	869.58	869.54	3.29	3.02	-32.12	1,308.86	-979.99	1,561.83	1,555.68	6.15	254.023			
1,000.00	989.64	960.36	960.32	3.79	3.34	-32.84	1,309.21	-980.19	1,540.21	1,533.32	6.89	223.525			
1,100.00	1,085.27	1,051.76	1,051.72	4.34	3.67	-33.67	1,309.84	-980.52	1,516.19	1,508.53	7.65	198.097			
1,200.00	1,179.82	1,148.69	1,148.65	4.93	4.01	-34.67	1,310.69	-980.85	1,489.66	1,481.20	8.46	176.148			
1,300.00	1,273.48	1,243.66	1,243.62	5.56	4.35	-35.53	1,311.43	-980.98	1,461.08	1,451.80	9.27	157.581			
1,400.00	1,367.08	1,334.09	1,334.04	6.19	4.67	-36.29	1,312.18	-981.19	1,432.71	1,422.63	10.08	142.115			
1,500.00	1,460.69	1,430.91	1,430.85	6.84	5.02	-37.12	1,313.18	-981.34	1,404.72	1,393.79	10.93	128.569			
1,600.00	1,554.30	1,524.80	1,524.74	7.50	5.35	-37.96	1,313.94	-981.45	1,376.82	1,365.04	11.77	116.935			
1,700.00	1,647.90	1,617.78	1,617.72	8.15	5.69	-38.83	1,314.79	-981.55	1,349.28	1,336.65	12.63	106.811			
1,800.00	1,741.51	1,712.07	1,712.00	8.82	6.02	-39.74	1,315.79	-981.55	1,322.09	1,308.58	13.51	97.884			
1,900.00	1,835.12	1,806.68	1,806.60	9.48	6.36	-40.68	1,316.81	-981.47	1,295.19	1,280.79	14.39	89.980			
2,000.00	1,928.73	1,897.90	1,897.82	10.15	6.68	-41.63	1,317.71	-981.53	1,268.69	1,253.40	15.29	82.995			
2,100.00	2,022.33	1,990.28	1,990.19	10.82	7.01	-42.64	1,318.59	-981.91	1,242.78	1,226.58	16.20	76.730			
2,200.00	2,115.94	2,083.74	2,083.65	11.49	7.35	-43.71	1,319.42	-982.43	1,217.34	1,200.22	17.12	71.086			
2,300.00	2,209.55	2,179.08	2,178.99	12.16	7.69	-44.85	1,320.18	-983.03	1,192.36	1,174.28	18.07	65.978			
2,400.00	2,303.15	2,295.84	2,295.75	12.83	8.10	-46.31	1,320.67	-982.92	1,167.15	1,148.07	19.08	61.176			
2,500.00	2,396.76	2,451.66	2,451.40	13.51	8.63	-48.24	1,319.48	-976.53	1,138.80	1,118.68	20.12	56.593			
2,600.00	2,490.37	2,541.43	2,540.99	14.18	8.92	-49.47	1,316.81	-971.39	1,108.43	1,087.36	21.07	52.608			
2,700.00	2,583.97	2,631.29	2,630.66	14.86	9.22	-50.85	1,312.86	-967.29	1,078.74	1,056.70	22.04	48.943			
2,800.00	2,677.58	2,723.95	2,723.14	15.53	9.53	-52.34	1,308.90	-963.04	1,049.77	1,026.74	23.03	45.573			
2,900.00	2,771.19	2,816.23	2,815.24	16.21	9.85	-53.81	1,306.11	-957.99	1,021.44	997.40	24.04	42.482			
3,000.00	2,864.79	2,905.71	2,904.54	16.89	10.15	-55.26	1,304.37	-952.62	993.92	968.85	25.07	39.648			
3,100.00	2,958.40	2,999.10	2,997.75	17.57	10.48	-56.84	1,302.66	-947.09	967.23	941.11	26.11	37.038			
3,200.00	3,052.01	3,091.52	3,090.00	18.24	10.80	-58.55	1,300.02	-942.05	941.26	914.07	27.18	34.626			
3,300.00	3,145.62	3,171.47	3,169.82	18.92	11.07	-60.12	1,297.68	-938.22	916.72	888.45	28.27	32.432			
3,400.00	3,239.22	3,241.78	3,240.08	19.60	11.32	-61.53	1,296.38	-935.88	894.86	865.51	29.35	30.490			
3,500.00	3,332.83	3,313.44	3,311.74	20.28	11.56	-63.01	1,296.05	-935.42	876.73	846.30	30.43	28.808			
3,600.00	3,426.44	3,407.54	3,405.83	20.96	11.89	-65.01	1,295.94	-935.57	860.58	829.01	31.57	27.259			
3,700.00	3,520.04	3,501.58	3,499.87	21.64	12.21	-67.06	1,295.90	-935.64	845.56	812.84	32.72	25.843			
3,800.00	3,613.65	3,595.59	3,593.88	22.32	12.53	-69.19	1,295.83	-935.65	831.67	797.80	33.87	24.553			
3,900.00	3,707.26	3,687.93	3,686.22	23.00	12.85	-71.33	1,295.82	-935.73	819.16	784.13	35.02	23.388			
4,000.00	3,800.86	3,782.23	3,780.52	23.68	13.18	-73.57	1,295.79	-935.82	807.99	771.81	36.18	22.331			
4,100.00	3,894.47	3,875.43	3,873.72	24.36	13.50	-75.84	1,295.74	-935.88	798.18	760.85	37.33	21.382			
4,200.00	3,988.08	3,966.68	3,964.97	25.04	13.82	-78.14	1,295.34	-936.19	790.06	751.59	38.46	20.540			
4,300.00	4,081.68	4,063.54	4,061.83	25.72	14.15	-80.60	1,295.05	-936.39	783.33	743.74	39.60	19.783			
4,400.00	4,175.29	4,157.33	4,155.62	26.40	14.47	-83.01	1,295.04	-936.35	777.94	737.24	40.70	19.113			
4,500.00	4,268.90	4,249.09	4,247.38	27.08	14.79	-85.38	1,294.95	-936.45	774.26	732.48	41.78	18.532			
4,600.00	4,362.51	4,343.81	4,342.10	27.76	15.12	-87.86	1,294.84	-936.58	772.19	729.35	42.84	18.026			
4,692.21	4,448.82	4,431.35	4,429.64	28.38	15.42	-90.15	1,294.70	-936.55	771.57	727.79	43.78	17.622 CC			
4,700.00	4,456.11	4,438.54	4,436.83	28.44	15.45	-90.34	1,294.68	-936.54	771.58	727.71	43.86	17.591 ES			
4,800.00	4,549.72	4,531.36	4,529.65	29.12	15.76	-92.81	1,294.10	-936.41	772.57	727.72	44.85	17.227			
4,900.00	4,643.33	4,624.10	4,622.38	29.80	16.09	-95.25	1,293.68	-936.42	775.31	729.51	45.79	16.931			
5,000.00	4,736.93	4,718.71	4,716.99	30.48	16.41	-97.69	1,293.60	-936.47	779.61	732.90	46.71	16.690			

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference				Offset			Semi Major Axis			Distance			Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,830.54	4,812.46	4,810.74	31.16	16.74	-100.08	1,293.56	-936.46	785.41	737.82	47.58	16.506		
5,200.00	4,924.15	4,906.81	4,905.10	31.84	17.07	-102.45	1,293.62	-936.42	792.67	744.25	48.42	16.369		
5,300.00	5,017.75	4,999.32	4,997.61	32.52	17.39	-104.73	1,293.69	-936.42	801.44	752.22	49.22	16.283		
5,400.00	5,111.36	5,093.75	5,092.04	33.20	17.72	-107.01	1,293.70	-936.40	811.64	761.65	49.99	16.236		
5,500.00	5,204.97	5,186.07	5,184.35	33.88	18.04	-109.19	1,293.65	-936.39	823.26	772.55	50.71	16.234		
5,600.00	5,298.57	5,279.37	5,277.65	34.56	18.36	-111.34	1,293.57	-936.46	836.28	784.87	51.41	16.268		
5,700.00	5,392.18	5,373.52	5,371.80	35.25	18.69	-113.44	1,293.51	-936.52	850.55	798.47	52.08	16.331		
5,800.00	5,485.79	5,466.65	5,464.93	35.93	19.02	-115.46	1,293.44	-936.57	866.01	813.29	52.72	16.426		
5,900.00	5,579.40	5,567.78	5,566.06	36.61	19.37	-117.64	1,292.84	-935.77	882.26	828.88	53.38	16.528		
6,000.00	5,673.00	5,677.00	5,675.17	37.29	19.75	-120.10	1,290.40	-931.77	898.50	844.48	54.02	16.633		
6,100.00	5,766.61	5,792.42	5,790.22	37.97	20.15	-122.80	1,286.86	-923.42	913.99	859.38	54.61	16.736		
6,200.00	5,860.22	5,900.77	5,898.08	38.65	20.54	-125.29	1,284.68	-913.29	928.77	873.63	55.14	16.843		
6,300.00	5,953.82	5,997.91	5,994.64	39.33	20.88	-127.50	1,282.93	-902.90	943.94	888.33	55.61	16.974		
6,400.00	6,047.43	6,101.21	6,097.06	40.02	21.26	-129.90	1,279.93	-889.78	959.99	903.94	56.05	17.128		
6,500.00	6,141.04	6,190.21	6,184.71	40.70	21.58	-132.11	1,275.39	-875.06	976.71	920.32	56.39	17.321		
6,600.00	6,234.64	6,270.18	6,262.87	41.38	21.88	-134.24	1,268.70	-859.59	995.86	939.22	56.64	17.583		
6,700.00	6,328.25	6,348.80	6,339.23	42.06	22.18	-136.38	1,260.14	-842.93	1,017.75	960.93	56.82	17.911		
6,800.00	6,421.86	6,431.68	6,419.49	42.74	22.50	-138.63	1,250.14	-824.86	1,042.21	985.22	57.00	18.286		
6,900.00	6,515.47	6,527.63	6,512.29	43.42	22.88	-141.14	1,238.66	-803.33	1,068.30	1,011.08	57.22	18.670		
7,000.00	6,609.07	6,626.50	6,607.53	44.10	23.28	-143.69	1,227.29	-779.35	1,095.13	1,037.67	57.46	19.060		
7,100.00	6,702.68	6,711.63	6,689.00	44.79	23.64	-145.88	1,217.16	-756.81	1,123.28	1,065.66	57.63	19.492		
7,200.00	6,796.29	6,786.17	6,760.17	45.47	23.96	-147.75	1,207.74	-736.81	1,153.71	1,095.96	57.75	19.977		
7,300.00	6,889.89	6,856.73	6,827.56	46.15	24.27	-149.46	1,198.23	-718.18	1,186.66	1,128.80	57.86	20.510		
7,400.00	6,983.50	6,939.38	6,906.50	46.83	24.63	-151.37	1,186.50	-696.66	1,221.84	1,163.78	58.06	21.043		
7,500.00	7,077.11	7,044.20	7,006.59	47.51	25.11	-153.68	1,172.40	-668.94	1,257.84	1,199.37	58.47	21.512		
7,600.00	7,170.71	7,120.88	7,079.95	48.19	25.45	-155.27	1,163.00	-648.67	1,294.18	1,235.48	58.70	22.047		
7,700.00	7,264.32	7,165.00	7,122.36	48.88	25.65	-156.12	1,157.30	-637.95	1,333.05	1,274.40	58.65	22.728		
7,800.00	7,357.90	7,228.32	7,184.05	49.56	25.92	-150.34	1,148.61	-626.83	1,374.49	1,315.69	58.81	23.372		
7,900.00	7,450.12	7,533.38	7,483.82	50.26	26.88	-127.32	1,147.02	-659.08	1,405.56	1,343.76	61.80	22.744		
8,000.00	7,538.18	7,579.03	7,526.07	50.97	27.00	-111.27	1,152.18	-675.55	1,427.63	1,365.55	62.08	22.996		
8,100.00	7,619.40	7,637.00	7,577.84	51.66	27.15	-101.23	1,156.43	-701.22	1,448.33	1,385.86	62.46	23.186		
8,200.00	7,691.32	7,637.00	7,577.84	52.34	27.15	-94.28	1,156.43	-701.22	1,466.21	1,404.19	62.02	23.641		
8,300.00	7,751.74	7,677.61	7,612.55	53.00	27.25	-90.00	1,157.40	-722.26	1,482.03	1,419.87	62.16	23.843		
8,400.00	7,798.84	7,731.00	7,655.77	53.64	27.38	-87.61	1,155.51	-753.50	1,496.50	1,433.89	62.60	23.904		
8,500.00	7,831.18	7,731.00	7,655.77	54.26	27.38	-85.36	1,155.51	-753.50	1,507.19	1,444.88	62.31	24.188		
8,600.00	7,847.78	7,815.87	7,717.34	54.86	27.62	-86.04	1,150.25	-811.52	1,514.86	1,451.20	63.65	23.799		
8,700.00	7,850.00	7,982.56	7,806.47	55.46	28.33	-89.11	1,146.64	-951.48	1,516.14	1,449.36	66.78	22.704		
8,800.00	7,850.00	8,076.58	7,837.41	56.13	28.94	-90.28	1,148.25	-1,040.09	1,514.67	1,445.84	68.83	22.006		
8,900.00	7,850.00	8,173.75	7,850.32	56.90	29.73	-90.77	1,149.10	-1,136.27	1,514.37	1,443.22	71.15	21.285		
8,940.38	7,850.00	8,218.24	7,851.29	57.23	30.12	-90.80	1,149.57	-1,180.75	1,514.15	1,441.90	72.25	20.957		
9,000.00	7,850.00	8,253.41	7,851.79	57.76	30.52	-90.82	1,149.56	-1,215.91	1,514.36	1,441.10	73.26	20.671		
9,100.00	7,850.00	8,323.89	7,852.26	58.72	31.30	-90.84	1,148.52	-1,286.38	1,516.29	1,440.98	75.31	20.133		
9,200.00	7,850.00	8,399.65	7,852.61	59.79	32.24	-90.85	1,146.04	-1,362.10	1,520.02	1,442.36	77.66	19.572		
9,300.00	7,850.00	8,506.77	7,854.39	60.96	33.76	-90.91	1,141.89	-1,469.12	1,524.40	1,443.25	81.15	18.785		
9,400.00	7,850.00	8,641.13	7,856.16	62.23	35.91	-90.98	1,138.81	-1,603.43	1,527.16	1,441.39	85.78	17.804		
9,500.00	7,850.00	8,748.26	7,858.32	63.60	37.78	-91.06	1,137.92	-1,710.53	1,528.49	1,438.71	89.78	17.025		
9,600.00	7,850.00	8,842.88	7,860.43	65.07	39.53	-91.14	1,137.07	-1,805.12	1,529.90	1,436.37	93.53	16.358		
9,700.00	7,850.00	9,079.46	7,864.27	66.63	44.27	-91.29	1,148.15	-2,041.28	1,523.89	1,421.37	102.52	14.864		
9,800.00	7,850.00	9,147.00	7,865.52	68.28	45.69	-91.34	1,152.61	-2,108.66	1,517.75	1,412.07	105.67	14.363		
9,900.00	7,850.00	9,230.74	7,867.08	70.00	47.50	-91.40	1,156.82	-2,192.27	1,513.22	1,403.75	109.47	13.823		
10,000.00	7,850.00	9,295.55	7,868.33	71.80	48.93	-91.45	1,159.17	-2,257.03	1,510.16	1,397.56	112.60	13.412		
10,100.00	7,850.00	9,371.30	7,869.94	73.67	50.61	-91.51	1,160.01	-2,332.76	1,509.47	1,393.31	116.17	12.994		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,850.00	9,674.89	7,875.02	75.60	57.60	-91.73	1,185.81	-2,634.75	1,499.33	1,370.96	128.37	11.680		
10,300.00	7,850.00	9,715.00	7,875.77	77.59	58.54	-91.77	1,191.36	-2,674.46	1,486.97	1,356.00	130.98	11.353		
10,400.00	7,850.00	9,771.69	7,876.86	79.62	59.89	-91.82	1,197.27	-2,730.82	1,477.77	1,343.65	134.12	11.018		
10,500.00	7,850.00	9,809.00	7,877.61	81.71	60.77	-91.85	1,199.27	-2,768.07	1,473.00	1,336.59	136.41	10.798		
10,600.00	7,850.00	9,871.82	7,878.94	83.83	62.28	-91.90	1,200.52	-2,830.86	1,471.59	1,331.94	139.66	10.537		
10,603.09	7,850.00	9,873.70	7,878.98	83.90	62.33	-91.90	1,200.53	-2,832.74	1,471.59	1,331.84	139.75	10.530		
10,700.00	7,850.00	9,933.74	7,880.32	86.00	63.78	-91.95	1,200.09	-2,892.77	1,472.82	1,330.01	142.81	10.313		
10,800.00	7,850.00	9,998.00	7,881.70	88.20	65.33	-92.01	1,198.01	-2,956.97	1,476.58	1,330.56	146.02	10.112		
10,900.00	7,850.00	10,055.14	7,882.87	90.43	66.71	-92.05	1,194.64	-3,014.00	1,482.99	1,334.16	148.83	9.964		
11,000.00	7,850.00	10,118.07	7,884.10	92.69	68.23	-92.09	1,189.19	-3,076.68	1,492.12	1,340.27	151.85	9.826		
11,100.00	7,850.00	10,186.00	7,885.46	94.98	69.86	-92.13	1,181.97	-3,144.21	1,503.33	1,348.25	155.08	9.694		
11,200.00	7,850.00	10,260.72	7,886.97	97.29	71.67	-92.17	1,172.65	-3,218.33	1,516.37	1,357.74	158.64	9.559		
11,300.00	7,850.00	10,626.02	7,893.66	99.62	80.69	-92.38	1,147.12	-3,581.97	1,529.93	1,353.74	176.19	8.683		
11,400.00	7,850.00	10,747.22	7,895.93	101.98	83.77	-92.48	1,153.17	-3,703.00	1,525.42	1,343.34	182.08	8.378		
11,500.00	7,850.00	10,849.22	7,897.62	104.35	86.36	-92.55	1,158.69	-3,804.83	1,520.56	1,333.32	187.24	8.121		
11,600.00	7,850.00	10,956.85	7,899.39	106.74	89.12	-92.63	1,164.91	-3,912.27	1,515.32	1,322.70	192.62	7.867		
11,700.00	7,850.00	11,055.43	7,901.24	109.15	91.65	-92.70	1,170.74	-4,010.66	1,509.97	1,312.29	197.68	7.639		
11,800.00	7,850.00	11,165.01	7,903.29	111.57	94.47	-92.79	1,177.50	-4,120.01	1,504.37	1,301.21	203.16	7.405		
11,900.00	7,850.00	11,260.61	7,905.02	114.01	96.94	-92.87	1,184.01	-4,215.38	1,498.15	1,290.02	208.13	7.198		
12,000.00	7,850.00	11,319.00	7,906.19	116.46	98.44	-92.92	1,187.27	-4,273.66	1,493.41	1,281.79	211.63	7.057		
12,100.00	7,850.00	11,384.76	7,907.29	118.92	100.15	-92.97	1,189.27	-4,339.37	1,491.17	1,275.85	215.31	6.926		
12,121.24	7,850.00	11,396.34	7,907.43	119.45	100.45	-92.97	1,189.37	-4,350.96	1,491.10	1,275.12	215.98	6.904		
12,200.00	7,850.00	11,462.07	7,908.19	121.39	102.15	-93.00	1,189.20	-4,416.68	1,491.68	1,272.23	219.44	6.798		
12,300.00	7,850.00	11,537.62	7,909.63	123.88	104.10	-93.05	1,188.75	-4,492.21	1,492.97	1,269.53	223.45	6.682		
12,400.00	7,850.00	11,602.00	7,910.82	126.37	105.77	-93.09	1,186.31	-4,556.53	1,497.09	1,270.27	226.83	6.600		
12,500.00	7,850.00	11,717.40	7,912.75	128.87	108.75	-93.16	1,181.41	-4,671.81	1,501.96	1,269.18	232.78	6.452		
12,600.00	7,850.00	11,791.00	7,913.56	131.38	110.66	-93.18	1,178.95	-4,745.36	1,506.06	1,269.46	236.60	6.365		
12,700.00	7,850.00	11,850.20	7,914.03	133.90	112.19	-93.19	1,175.64	-4,804.47	1,512.50	1,272.95	239.55	6.314		
12,800.00	7,850.00	11,903.18	7,914.50	136.42	113.55	-93.20	1,170.56	-4,857.20	1,522.47	1,280.50	241.97	6.292		
12,900.00	7,850.00	11,979.00	7,915.14	138.96	115.49	-93.20	1,161.59	-4,932.48	1,534.74	1,289.10	245.64	6.248		
13,000.00	7,850.00	12,181.25	7,916.76	141.49	120.70	-93.22	1,143.23	-5,133.85	1,544.36	1,287.58	256.78	6.014		
13,100.00	7,850.00	12,411.46	7,918.73	144.04	126.73	-93.29	1,142.62	-5,363.94	1,543.54	1,275.42	268.12	5.757		
13,200.00	7,850.00	12,565.16	7,920.18	146.59	130.78	-93.36	1,148.20	-5,517.51	1,540.89	1,265.50	275.38	5.595		
13,300.00	7,850.00	12,755.72	7,922.03	149.15	135.79	-93.47	1,166.92	-5,707.12	1,531.01	1,247.69	283.32	5.404		
13,400.00	7,850.00	12,854.05	7,922.99	151.71	138.38	-93.53	1,179.24	-5,804.67	1,519.04	1,230.53	288.51	5.265		
13,500.00	7,850.00	12,923.00	7,923.65	154.27	140.19	-93.57	1,186.74	-5,873.21	1,508.65	1,215.72	292.93	5.150		
13,600.00	7,850.00	12,971.47	7,924.13	156.84	141.47	-93.60	1,190.70	-5,921.51	1,500.92	1,204.34	296.58	5.061		
13,700.00	7,850.00	13,017.00	7,924.61	159.42	142.68	-93.62	1,193.08	-5,966.97	1,496.45	1,196.65	299.80	4.992		
13,771.78	7,850.00	13,051.54	7,924.92	161.27	143.59	-93.64	1,193.83	-6,001.51	1,495.42	1,193.46	301.96	4.952		
13,800.00	7,850.00	13,063.24	7,924.99	162.00	143.90	-93.64	1,193.83	-6,013.20	1,495.57	1,192.90	302.67	4.941		
13,900.00	7,850.00	13,112.00	7,925.13	164.58	145.18	-93.64	1,192.40	-6,061.94	1,498.68	1,193.36	305.32	4.909		
14,000.00	7,850.00	13,175.59	7,925.21	167.17	146.85	-93.63	1,188.68	-6,125.41	1,504.78	1,196.26	308.52	4.877		
14,100.00	7,850.00	13,248.81	7,925.43	169.76	148.76	-93.63	1,183.36	-6,198.44	1,512.54	1,200.38	312.16	4.845		
14,200.00	7,850.00	13,323.41	7,925.49	172.35	150.71	-93.61	1,176.51	-6,272.73	1,522.14	1,206.35	315.80	4.820		
14,300.00	7,850.00	14,300.00	7,925.71	174.95	176.50	-93.58	1,162.36	-6,511.86	1,529.38	1,181.01	348.37	4.390		
14,400.00	7,850.00	13,729.97	7,926.09	177.55	161.42	-93.61	1,167.47	-6,678.57	1,525.76	1,188.72	337.04	4.527		
14,500.00	7,850.00	13,818.34	7,926.31	180.15	163.77	-93.62	1,170.02	-6,766.89	1,523.31	1,181.44	341.87	4.456		
14,600.00	7,850.00	13,944.48	7,926.47	182.76	167.13	-93.64	1,174.67	-6,892.95	1,520.14	1,171.98	348.16	4.366		
14,700.00	7,850.00	14,014.61	7,926.56	185.37	168.99	-93.65	1,177.51	-6,963.02	1,516.70	1,164.39	352.31	4.305		
14,787.26	7,850.00	14,068.66	7,926.58	187.65	170.43	-93.65	1,178.33	-7,017.07	1,515.77	1,160.25	355.51	4.264		
14,800.00	7,850.00	14,077.13	7,926.58	187.98	170.65	-93.65	1,178.36	-7,025.53	1,515.79	1,159.79	355.99	4.258		
14,900.00	7,850.00	14,151.00	7,926.67	190.59	172.61	-93.65	1,177.59	-7,099.40	1,517.20	1,157.16	360.04	4.214		

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 PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5656.91usft
<b>Reference Site:</b>	SEC 2-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5656.91usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	PROPERTY RESERVE 4-65 3-4 1BH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDT_32Bit_ODBC
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,000.00	7,850.00	14,227.92	7,926.85	193.21	174.65	-93.65	1,175.55	-7,176.29	1,520.25	1,156.10	364.15	4.175		
15,100.00	7,850.00	14,324.53	7,927.05	195.83	177.21	-93.65	1,172.43	-7,272.85	1,523.95	1,154.69	369.26	4.127		
15,200.00	7,850.00	14,452.59	7,927.26	198.45	180.61	-93.65	1,169.29	-7,400.86	1,526.92	1,150.91	376.00	4.061		
15,300.00	7,850.00	14,529.00	7,927.37	201.07	182.64	-93.65	1,167.39	-7,477.25	1,529.80	1,149.70	380.10	4.025		
15,400.00	7,850.00	14,608.82	7,927.45	203.70	184.75	-93.64	1,164.54	-7,557.02	1,533.86	1,149.56	384.30	3.991		
15,500.00	7,850.00	14,713.54	7,927.61	206.32	187.53	-93.64	1,160.07	-7,661.65	1,538.60	1,148.74	389.86	3.947		
15,600.00	7,850.00	15,600.00	7,927.85	208.95	211.15	-93.64	1,158.45	-7,900.08	1,541.43	1,122.88	418.55	3.683		
15,700.00	7,850.00	15,074.39	7,927.98	211.58	197.14	-93.66	1,166.61	-8,022.06	1,535.05	1,127.73	407.32	3.769		
15,800.00	7,850.00	15,144.11	7,928.14	214.21	199.00	-93.68	1,170.41	-8,091.68	1,530.07	1,118.41	411.67	3.717		
15,900.00	7,850.00	15,263.55	7,928.24	216.85	202.19	-93.69	1,175.61	-8,211.00	1,526.36	1,108.74	417.62	3.655		
16,000.00	7,850.00	15,356.65	7,928.32	219.48	204.68	-93.71	1,181.14	-8,303.94	1,520.93	1,098.21	422.72	3.598		
16,100.00	7,850.00	15,437.49	7,928.29	222.12	206.84	-93.71	1,184.97	-8,384.69	1,516.68	1,089.28	427.40	3.549		
16,200.00	7,850.00	15,504.20	7,928.11	224.76	208.62	-93.71	1,187.15	-8,451.36	1,513.96	1,082.51	431.44	3.509		
16,249.41	7,850.00	15,532.04	7,928.06	226.06	209.36	-93.71	1,187.48	-8,479.19	1,513.60	1,080.47	433.14	3.495		
16,300.00	7,850.00	15,567.00	7,928.04	227.39	210.30	-93.71	1,187.33	-8,514.16	1,514.00	1,078.90	435.10	3.480		
16,400.00	7,850.00	15,607.82	7,928.06	230.03	211.38	-93.71	1,186.15	-8,554.96	1,517.14	1,079.90	437.24	3.470		
16,500.00	7,850.00	15,661.00	7,928.14	232.68	212.79	-93.70	1,182.69	-8,608.02	1,523.87	1,084.28	439.59	3.467		
16,600.00	7,850.00	15,737.28	7,928.22	235.32	214.80	-93.69	1,175.97	-8,684.01	1,533.02	1,089.76	443.26	3.459		
16,700.00	7,850.00	15,826.35	7,928.48	237.96	217.14	-93.68	1,167.62	-8,772.68	1,542.86	1,095.09	447.78	3.446		
16,800.00	7,850.00	15,887.39	7,929.05	240.61	218.74	-93.68	1,161.19	-8,833.38	1,554.05	1,103.95	450.09	3.453		
16,900.00	7,850.00	16,279.00	7,930.33	243.26	229.13	-93.71	1,154.32	-9,223.78	1,553.17	1,082.17	471.00	3.298		
17,000.00	7,850.00	16,398.31	7,930.43	245.90	232.33	-93.73	1,162.79	-9,342.79	1,546.58	1,069.78	476.80	3.244		
17,100.00	7,850.00	16,505.62	7,930.32	248.55	235.20	-93.75	1,171.48	-9,449.74	1,538.96	1,056.67	482.29	3.191		
17,200.00	7,850.00	16,610.10	7,930.43	251.20	238.00	-93.77	1,180.27	-9,553.86	1,531.04	1,043.33	487.71	3.139		
17,300.00	7,850.00	16,729.69	7,930.70	253.85	241.20	-93.81	1,191.58	-9,672.91	1,522.05	1,028.67	493.38	3.085		
17,400.00	7,850.00	16,818.07	7,931.57	256.50	243.56	-93.86	1,200.20	-9,760.86	1,512.86	1,014.37	498.49	3.035		
17,500.00	7,850.00	16,889.00	7,932.49	259.16	245.46	-93.91	1,206.17	-9,831.53	1,505.05	1,001.85	503.21	2.991		
17,600.00	7,850.00	16,959.03	7,933.39	261.81	247.34	-93.96	1,210.70	-9,901.41	1,499.19	991.47	507.72	2.953		
17,700.00	7,850.00	17,021.23	7,934.17	264.47	249.00	-93.99	1,213.32	-9,963.55	1,495.60	983.85	511.75	2.923		
17,790.63	7,850.00	17,078.00	7,934.80	266.87	250.53	-94.02	1,214.17	-10,020.31	1,494.68	979.53	515.14	2.901		
17,800.00	7,850.00	17,078.00	7,934.80	267.12	250.53	-94.02	1,214.17	-10,020.31	1,494.71	979.50	515.20	2.901		
17,900.00	7,850.00	17,145.09	7,935.49	269.78	252.32	-94.04	1,213.46	-10,087.38	1,496.34	977.52	518.82	2.884		
18,000.00	7,850.00	17,236.52	7,936.53	272.43	254.76	-94.07	1,210.74	-10,178.77	1,499.83	976.18	523.65	2.864		
18,100.00	7,850.00	17,347.92	7,937.90	275.09	257.74	-94.12	1,207.99	-10,290.13	1,502.85	973.24	529.61	2.838		
18,200.00	7,850.00	17,509.35	7,939.78	277.75	262.06	-94.19	1,208.26	-10,451.53	1,503.11	965.26	537.85	2.795		
18,300.00	7,850.00	17,630.41	7,941.15	280.41	265.31	-94.25	1,211.61	-10,572.54	1,500.89	956.92	543.97	2.759		
18,400.00	7,850.00	17,728.04	7,942.26	283.07	267.93	-94.30	1,214.95	-10,670.10	1,498.04	948.83	549.21	2.728		
18,500.00	7,850.00	17,817.42	7,943.31	285.73	270.33	-94.34	1,217.57	-10,759.44	1,495.68	941.55	554.13	2.699		
18,566.61	7,850.00	17,855.00	7,943.78	287.50	271.33	-94.36	1,218.49	-10,797.00	1,494.67	938.22	556.45	2.686 SF		

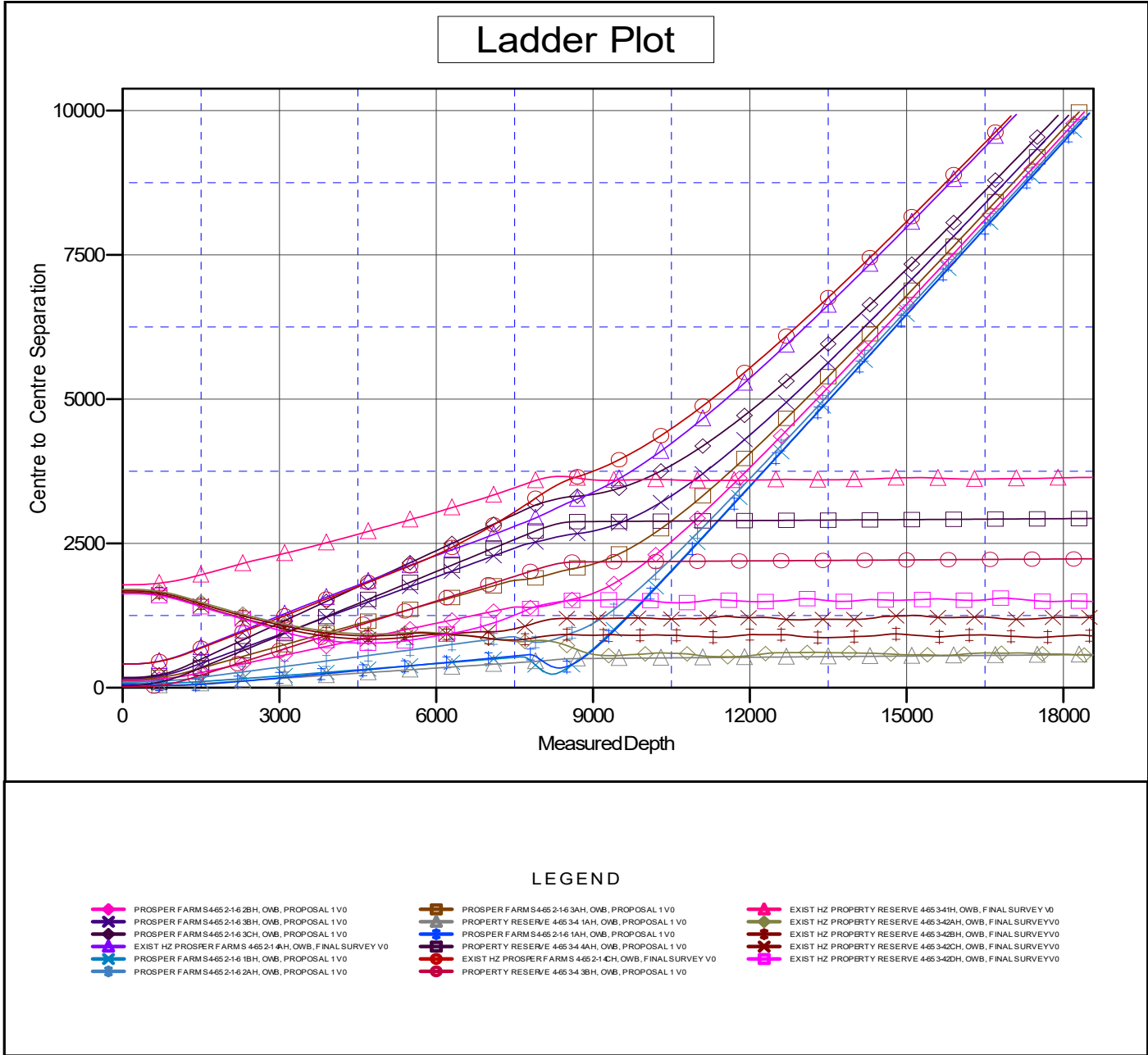
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Anticollision Report

<b>Company:</b> CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b> Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b> ARAPAHOE COUNTY	<b>TVD Reference:</b> KB 25' @ 5656.91usft
<b>Reference Site:</b> SEC 2-T4S-R65W	<b>MD Reference:</b> KB 25' @ 5656.91usft
<b>Site Error:</b> 0.00 usft	<b>North Reference:</b> True
<b>Reference Well:</b> PROPERTY RESERVE 4-65 3-4 1BH	<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' @ 5656.91usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: PROPERTY RESERVE 4-65 3-4 1BH  
 Coordinate System is US State Plane 1983, Colorado Central Zone  
 Grid Convergence at Surface is: 0.54°



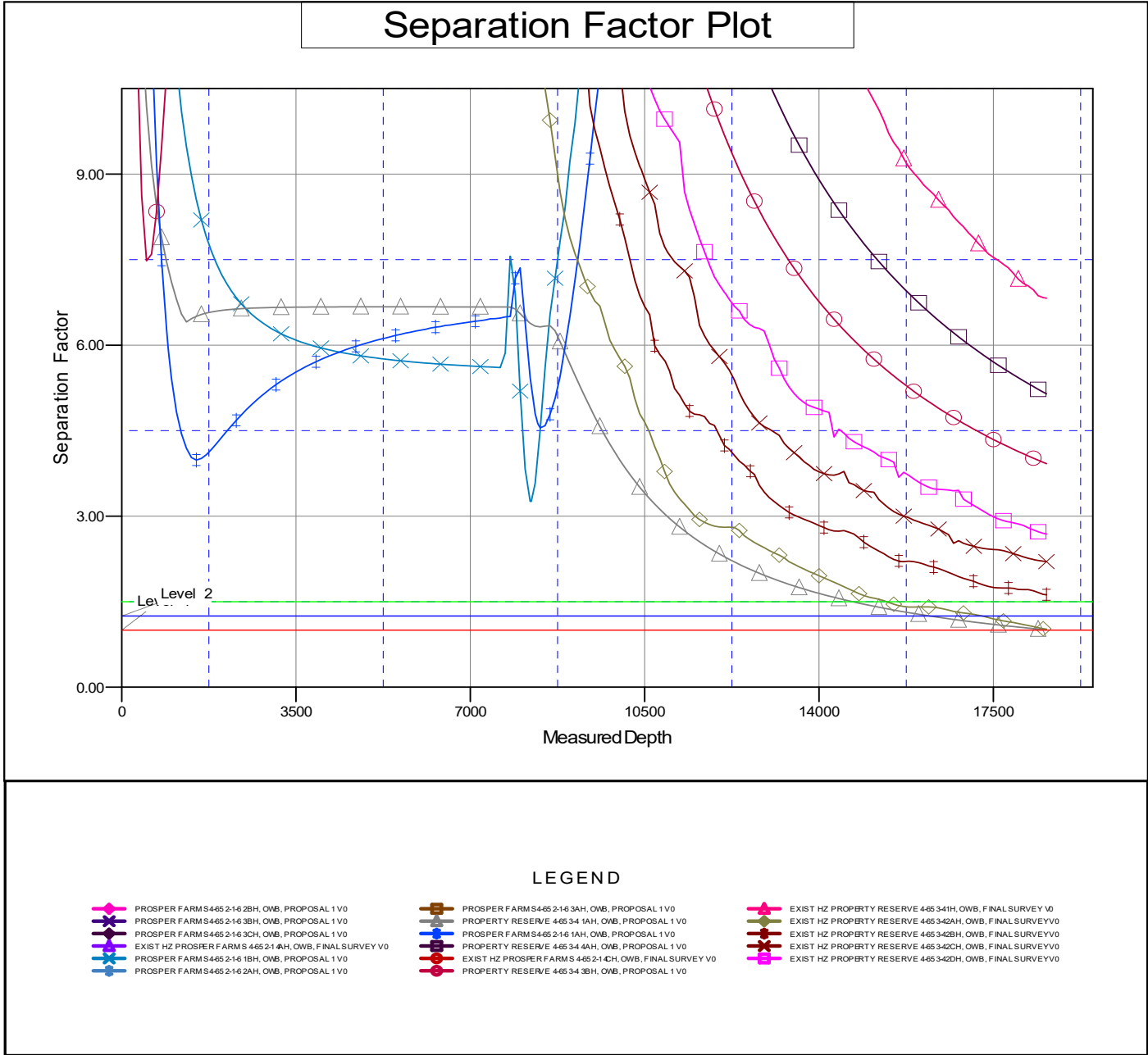
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Anticollision Report

<b>Company:</b> CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b> Well PROPERTY RESERVE 4-65 3-4 1BH
<b>Project:</b> ARAPAHOE COUNTY	<b>TVD Reference:</b> KB 25' @ 5656.91usft
<b>Reference Site:</b> SEC 2-T4S-R65W	<b>MD Reference:</b> KB 25' @ 5656.91usft
<b>Site Error:</b> 0.00 usft	<b>North Reference:</b> True
<b>Reference Well:</b> PROPERTY RESERVE 4-65 3-4 1BH	<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' @ 5656.91usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: PROPERTY RESERVE 4-65 3-4 1BH  
 Coordinate System is US State Plane 1983, Colorado Central Zone  
 Grid Convergence at Surface is: 0.54°



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