

CRESTONE PEAK RESOURCES

**ADAMS COUNTY
SEC 28-T3S-R65W
INVICTA 3-65 30-26 5H**

**OWB
PROPOSAL 1**

Anticollision Report

02 July, 2024

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	7/2/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	26,932.55	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 28-T3S-R65W						
ABND VERT EMMA E MCVEY 1 - OWB - Design #1	7,160.30	4,936.00	1,743.22	1,620.23	14.175	CC
ABND VERT EMMA E MCVEY 1 - OWB - Design #1	7,200.00	4,958.32	1,743.53	1,619.69	14.079	ES
ABND VERT EMMA E MCVEY 1 - OWB - Design #1	7,600.00	5,183.17	1,780.74	1,650.38	13.659	SF
ABND VERT GRIMM 16-25 - OWB - Design #1	17,591.49	7,631.00	1,736.28	1,256.27	3.617	CC
ABND VERT GRIMM 16-25 - OWB - Design #1	17,700.00	7,631.00	1,739.66	1,255.59	3.594	ES
ABND VERT GRIMM 16-25 - OWB - Design #1	17,800.00	7,631.00	1,748.75	1,262.13	3.594	SF
BEAR 3-65 22-23 4BH - OWB - FINAL SURVEY	1,342.88	2,038.62	2,658.50	2,642.58	166.963	CC, ES
BEAR 3-65 22-23 4BH - OWB - FINAL SURVEY	3,100.00	3,226.90	3,336.39	3,300.99	94.240	SF
EXIST HZ FLORIDA 3-65 27-26 3AH - OWB - FINAL SU	504.45	437.76	3,772.07	3,769.00	1,227.173	CC, ES
EXIST HZ FLORIDA 3-65 27-26 3AH - OWB - FINAL SU	7,000.00	7,264.00	7,330.65	7,263.50	109.164	SF
EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SU	179.86	109.87	3,794.13	3,793.27	4,444.285	CC
EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SU	500.00	424.51	3,794.55	3,791.44	1,218.154	ES
EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SU	7,200.00	7,357.00	7,516.27	7,446.89	108.327	SF
EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SU	504.96	441.87	3,815.50	3,812.29	1,188.215	CC, ES
EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SU	7,100.00	7,167.00	7,444.39	7,374.40	106.370	SF
EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SU	431.20	359.20	3,838.14	3,835.62	1,522.438	CC
EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SU	500.00	427.10	3,838.16	3,835.15	1,274.903	ES
EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SU	7,200.00	7,168.00	7,584.82	7,512.64	105.080	SF
EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVE	11,500.00	17,928.00	589.46	447.99	4.167	CC, ES, SF
EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVE	11,500.00	18,012.00	707.08	482.84	3.153	SF
EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVE	11,600.00	18,012.00	698.87	478.53	3.172	ES
EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVE	11,607.72	18,012.00	698.83	478.96	3.178	CC
EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVE	11,600.00	17,867.00	816.80	467.94	2.341	ES, SF
EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVE	11,609.99	17,867.00	816.74	468.24	2.344	CC
EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVE	11,695.96	17,987.00	1,104.03	709.05	2.795	CC, ES, SF
EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVE	152.13	0.00	8,359.04	8,358.58	10,000.000	CC
EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVE	200.00	27.28	8,359.10	8,358.44	10,000.000	ES
EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVE	3,700.00	3,009.84	9,961.88	9,937.75	412.783	SF
FLORIDA 3-65 27-26 1AH - OWB - FINAL SURVEY	1,208.67	1,714.56	2,751.66	2,739.99	235.728	CC
FLORIDA 3-65 27-26 1AH - OWB - FINAL SURVEY	1,300.00	1,846.87	2,752.35	2,739.43	212.948	ES
FLORIDA 3-65 27-26 1AH - OWB - FINAL SURVEY	3,500.00	3,384.42	3,651.61	3,615.15	100.149	SF
FLORIDA 3-65 27-26 1BH - OWB - FINAL SURVEY	1,155.36	1,587.79	2,811.76	2,801.75	281.010	CC
FLORIDA 3-65 27-26 1BH - OWB - FINAL SURVEY	1,200.00	1,630.23	2,812.07	2,801.65	269.909	ES
FLORIDA 3-65 27-26 1BH - OWB - FINAL SURVEY	3,900.00	3,419.03	4,042.68	4,006.23	110.897	SF
FLORIDA 3-65 27-26 2AH - OWB - FINAL SURVEY	604.45	619.93	2,819.36	2,815.48	726.676	CC, ES
FLORIDA 3-65 27-26 2AH - OWB - FINAL SURVEY	4,200.00	3,422.23	4,335.32	4,298.63	118.134	SF
FLORIDA 3-65 27-26 4AH - OWB - FINAL SURVEY	100.00	41.63	2,925.93	2,925.59	8,737.531	CC, ES

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SEC 28-T3S-R65W						
FLORIDA 3-65 27-26 4AH - OWB - FINAL SURVEY	6,200.00	4,330.00	6,173.39	6,117.41	110.282	SF
FLORIDA 3-65 27-26 4BH - OWB - FINAL SURVEY	100.00	40.66	2,939.45	2,939.11	8,816.024	CC, ES
FLORIDA 3-65 27-26 4BH - OWB - FINAL SURVEY	7,500.00	4,987.75	7,252.15	7,181.35	102.430	SF
INVICTA 3-65 30-26 1H - OWB - PROPOSAL 1	100.00	100.00	80.10	79.56	148.969	CC, ES
INVICTA 3-65 30-26 1H - OWB - PROPOSAL 1	26,932.55	26,681.63	2,363.12	1,170.49	1.981	SF
INVICTA 3-65 30-26 2H - OWB - PROPOSAL 1	200.00	200.00	60.23	58.98	48.005	CC, ES
INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1	26,932.55	26,695.93	1,772.61	579.55	1.486	Level 3, SF
INVICTA 3-65 30-26 3H - OWB - PROPOSAL 1	300.00	300.00	39.90	37.93	20.237	CC
INVICTA 3-65 30-26 3H - OWB - PROPOSAL 1	26,921.37	26,741.13	1,181.70	-11.49	0.990	Level 1, ES, SF
INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1	400.00	400.00	20.02	17.34	7.448	CC
INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1	26,927.19	26,820.53	590.84	-602.44	0.495	Level 1, ES, SF
INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1	609.36	608.62	18.84	14.68	4.531	CC
INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1	26,932.55	26,983.09	590.48	-600.58	0.496	Level 1, ES, SF
INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1	549.39	548.81	38.25	34.52	10.237	CC
INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1	26,932.55	27,063.44	1,181.33	-7.55	0.994	Level 1, ES, SF
INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1	380.90	380.35	58.17	55.62	22.769	CC
INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1	400.00	399.34	58.21	55.51	21.597	ES
INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1	26,932.55	27,128.36	1,772.18	586.16	1.494	Level 3, SF
KING 3-65 28-29 1AH - OWB - FINAL SURVEY	11,223.95	18,689.00	2,531.33	2,085.78	5.681	CC
KING 3-65 28-29 1AH - OWB - FINAL SURVEY	11,300.00	18,689.00	2,532.49	2,083.99	5.647	ES
KING 3-65 28-29 1AH - OWB - FINAL SURVEY	11,500.00	18,689.00	2,546.38	2,092.02	5.604	SF
KING 3-65 28-29 1BH - OWB - FINAL SURVEY	11,336.50	18,641.00	2,001.68	1,564.39	4.577	CC
KING 3-65 28-29 1BH - OWB - FINAL SURVEY	11,400.00	18,641.00	2,002.69	1,562.83	4.553	ES
KING 3-65 28-29 1BH - OWB - FINAL SURVEY	11,500.00	18,641.00	2,008.35	1,565.32	4.533	SF
KING 3-65 28-29 2AH - OWB - FINAL SURVEY	11,386.72	18,345.00	1,401.92	983.39	3.350	CC
KING 3-65 28-29 2AH - OWB - FINAL SURVEY	11,400.00	18,345.00	1,401.99	982.82	3.345	ES
KING 3-65 28-29 2AH - OWB - FINAL SURVEY	11,500.00	18,345.00	1,406.49	983.70	3.327	SF
KING 3-65 28-29 2BH - OWB - FINAL SURVEY	11,479.90	18,346.00	971.81	621.25	2.772	CC
KING 3-65 28-29 2BH - OWB - FINAL SURVEY	11,500.00	18,346.00	972.02	620.49	2.765	ES
KING 3-65 28-29 2BH - OWB - FINAL SURVEY	11,600.00	18,346.00	979.21	624.98	2.764	SF
KING 3-65 28-29 4AH - OWB - FINAL SURVEY	11,721.70	18,218.00	1,622.66	1,171.37	3.596	CC, ES, SF
KING 3-65 28-29 4BH - OWB - FINAL SURVEY	11,829.39	18,292.00	2,121.29	1,660.99	4.608	CC, ES
KING 3-65 28-29 4BH - OWB - FINAL SURVEY	11,900.00	18,292.00	2,122.22	1,661.58	4.607	SF

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference														
Offset														
Semi Major Axis														
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
100.00	100.00	0.00	0.00	0.27	0.00	-77.21	1,059.39	-4,665.59	4,784.36	4,784.10	0.27	N/A		
136.63	136.63	27.63	27.63	0.40	0.09	-77.21	1,059.39	-4,665.59	4,784.36	4,783.87	0.49	9,758.136		
200.00	200.00	91.00	91.00	0.63	0.30	-77.21	1,059.39	-4,665.59	4,784.36	4,783.43	0.92	5,176.888		
300.00	300.00	191.00	191.00	0.99	0.65	-77.21	1,059.39	-4,665.59	4,784.36	4,782.72	1.64	2,920.468		
400.00	400.00	291.00	291.00	1.34	1.01	-77.21	1,059.39	-4,665.59	4,784.36	4,782.00	2.36	2,031.437		
500.00	500.00	391.00	391.00	1.70	1.37	-77.21	1,059.39	-4,665.59	4,784.36	4,781.28	3.07	1,557.356		
600.00	599.98	490.98	490.98	2.05	1.73	21.39	1,059.39	-4,665.59	4,782.73	4,778.95	3.78	1,265.347		
700.00	699.84	590.84	590.84	2.40	2.09	21.45	1,059.39	-4,665.59	4,777.86	4,773.37	4.48	1,065.427		
800.00	799.45	690.45	690.45	2.76	2.44	21.54	1,059.39	-4,665.59	4,769.74	4,764.55	5.19	918.236		
900.00	898.70	789.70	789.70	3.13	2.80	21.68	1,059.39	-4,665.59	4,758.40	4,752.49	5.91	805.293		
1,000.00	997.47	888.47	888.47	3.53	3.15	21.86	1,059.39	-4,665.59	4,743.85	4,737.22	6.63	715.757		

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

Civitas Resources

Anticollision Report

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Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
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Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT EMMA E MCVEY 1 - OWB - Design #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		
1,100.00	1,095.62	986.62	986.62	3.95	3.50	22.08	1,059.39	-4,665.59	4,726.11	4,718.76	7.35	642.887		
1,200.00	1,193.06	1,084.06	1,084.06	4.41	3.85	22.35	1,059.39	-4,665.59	4,705.21	4,697.13	8.08	582.287		
1,300.00	1,289.64	1,180.64	1,180.64	4.91	4.20	22.66	1,059.39	-4,665.59	4,681.18	4,672.37	8.82	530.974		
1,400.00	1,385.27	1,276.27	1,276.27	5.45	4.54	23.01	1,059.39	-4,665.59	4,654.06	4,644.50	9.56	486.858		
1,500.00	1,479.82	1,370.82	1,370.82	6.04	4.88	23.42	1,059.39	-4,665.59	4,623.89	4,613.58	10.31	448.434		
1,600.00	1,573.17	1,464.17	1,464.17	6.69	5.22	23.88	1,059.39	-4,665.59	4,590.72	4,579.65	11.07	414.589		
1,700.00	1,665.21	1,556.21	1,556.21	7.39	5.55	24.39	1,059.39	-4,665.59	4,554.60	4,542.76	11.85	384.485		
1,800.00	1,755.84	1,646.84	1,646.84	8.16	5.87	24.97	1,059.39	-4,665.59	4,515.59	4,502.96	12.63	357.482		
1,900.00	1,844.94	1,735.94	1,735.94	9.00	6.19	25.60	1,059.39	-4,665.59	4,473.74	4,460.31	13.43	333.076		
2,000.00	1,932.39	1,823.39	1,823.39	9.91	6.50	26.31	1,059.39	-4,665.59	4,429.14	4,414.89	14.25	310.873		
2,100.00	2,018.11	1,909.11	1,909.11	10.89	6.81	27.08	1,059.39	-4,665.59	4,381.84	4,366.76	15.08	290.555		
2,200.00	2,101.97	1,992.97	1,992.97	11.94	7.11	27.93	1,059.39	-4,665.59	4,331.93	4,315.99	15.93	271.867		
2,300.00	2,183.88	2,074.88	2,074.88	13.08	7.41	28.87	1,059.39	-4,665.59	4,279.48	4,262.68	16.81	254.598		
2,400.00	2,263.74	2,154.74	2,154.74	14.28	7.69	29.89	1,059.39	-4,665.59	4,224.60	4,206.89	17.71	238.576		
2,500.00	2,341.45	2,232.45	2,232.45	15.57	7.97	31.01	1,059.39	-4,665.59	4,167.36	4,148.72	18.63	223.657		
2,600.00	2,416.92	2,307.92	2,307.92	16.93	8.24	32.24	1,059.39	-4,665.59	4,107.86	4,088.27	19.59	209.720		
2,700.00	2,490.05	2,381.05	2,381.05	18.37	8.50	33.57	1,059.39	-4,665.59	4,046.21	4,025.64	20.57	196.666		
2,800.00	2,560.76	2,451.76	2,451.76	19.88	8.76	35.02	1,059.39	-4,665.59	3,982.52	3,960.92	21.60	184.408		
2,900.00	2,628.95	2,519.95	2,519.95	21.48	9.00	36.60	1,059.39	-4,665.59	3,916.90	3,894.24	22.66	172.874		
3,000.00	2,694.55	2,585.55	2,585.55	23.15	9.24	38.31	1,059.39	-4,665.59	3,849.46	3,825.70	23.76	162.003		
3,100.00	2,757.48	2,648.48	2,648.48	24.89	9.46	40.17	1,059.39	-4,665.59	3,780.34	3,755.43	24.91	151.742		
3,200.00	2,817.66	2,708.66	2,708.66	26.70	9.68	42.17	1,059.39	-4,665.59	3,709.66	3,683.54	26.12	142.046		
3,300.00	2,875.03	2,766.03	2,766.03	28.58	9.88	44.17	1,059.39	-4,665.59	3,637.57	3,610.19	27.38	132.872		
3,400.00	2,931.24	2,822.24	2,822.24	30.50	10.08	44.92	1,059.39	-4,665.59	3,565.20	3,536.51	28.69	124.267		
3,500.00	2,987.46	2,878.46	2,878.46	32.43	10.29	45.69	1,059.39	-4,665.59	3,493.29	3,463.23	30.06	116.208		
3,600.00	3,043.67	2,934.67	2,934.67	34.37	10.49	46.48	1,059.39	-4,665.59	3,421.87	3,390.38	31.49	108.666		
3,700.00	3,099.88	2,990.88	2,990.88	36.32	10.69	47.30	1,059.39	-4,665.59	3,350.96	3,317.98	32.98	101.611		
3,800.00	3,156.09	3,047.09	3,047.09	38.27	10.89	48.13	1,059.39	-4,665.59	3,280.61	3,246.08	34.53	95.012		
3,900.00	3,212.31	3,103.31	3,103.31	40.23	11.09	48.99	1,059.39	-4,665.59	3,210.85	3,174.71	36.14	88.840		
4,000.00	3,268.52	3,159.52	3,159.52	42.20	11.29	49.87	1,059.39	-4,665.59	3,141.72	3,103.90	37.82	83.069		
4,100.00	3,324.73	3,215.73	3,215.73	44.17	11.50	50.78	1,059.39	-4,665.59	3,073.25	3,033.69	39.57	77.673		
4,200.00	3,380.94	3,271.94	3,271.94	46.15	11.70	51.71	1,059.39	-4,665.59	3,005.51	2,964.12	41.38	72.628		
4,300.00	3,437.16	3,328.16	3,328.16	48.12	11.90	52.66	1,059.39	-4,665.59	2,938.52	2,895.25	43.27	67.910		
4,400.00	3,493.37	3,384.37	3,384.37	50.11	12.10	53.64	1,059.39	-4,665.59	2,872.36	2,827.13	45.23	63.499		
4,500.00	3,549.58	3,440.58	3,440.58	52.09	12.30	54.64	1,059.39	-4,665.59	2,807.08	2,759.80	47.28	59.377		
4,600.00	3,605.79	3,496.79	3,496.79	54.08	12.50	55.67	1,059.39	-4,665.59	2,742.74	2,693.34	49.40	55.524		
4,700.00	3,662.01	3,553.01	3,553.01	56.07	12.70	56.73	1,059.39	-4,665.59	2,679.40	2,627.80	51.60	51.925		
4,800.00	3,718.22	3,609.22	3,609.22	58.06	12.91	57.81	1,059.39	-4,665.59	2,617.14	2,563.25	53.89	48.563		
4,900.00	3,774.43	3,665.43	3,665.43	60.05	13.11	58.92	1,059.39	-4,665.59	2,556.05	2,499.78	56.27	45.426		
5,000.00	3,830.65	3,721.65	3,721.65	62.04	13.31	60.05	1,059.39	-4,665.59	2,496.20	2,437.47	58.73	42.500		
5,100.00	3,886.86	3,777.86	3,777.86	64.04	13.51	61.21	1,059.39	-4,665.59	2,437.69	2,376.40	61.29	39.772		
5,200.00	3,943.07	3,834.07	3,834.07	66.03	13.71	62.40	1,059.39	-4,665.59	2,380.61	2,316.67	63.94	37.232		
5,300.00	3,999.28	3,890.28	3,890.28	68.03	13.91	63.61	1,059.39	-4,665.59	2,325.07	2,258.40	66.68	34.870		
5,400.00	4,055.50	3,946.50	3,946.50	70.03	14.11	64.85	1,059.39	-4,665.59	2,271.19	2,201.69	69.51	32.676		
5,500.00	4,111.71	4,002.71	4,002.71	72.03	14.32	66.12	1,059.39	-4,665.59	2,219.09	2,146.66	72.42	30.641		
5,600.00	4,167.92	4,058.92	4,058.92	74.03	14.52	67.41	1,059.39	-4,665.59	2,168.88	2,093.46	75.42	28.756		
5,700.00	4,224.13	4,115.13	4,115.13	76.03	14.72	68.72	1,059.39	-4,665.59	2,120.72	2,042.22	78.50	27.015		
5,800.00	4,280.35	4,171.35	4,171.35	78.03	14.92	70.06	1,059.39	-4,665.59	2,074.73	1,993.08	81.65	25.410		
5,900.00	4,336.56	4,227.56	4,227.56	80.04	15.12	71.42	1,059.39	-4,665.59	2,031.07	1,946.21	84.86	23.934		
6,000.00	4,392.77	4,283.77	4,283.77	82.04	15.32	72.81	1,059.39	-4,665.59	1,989.89	1,901.77	88.12	22.582		
6,100.00	4,448.98	4,339.98	4,339.98	84.04	15.53	74.21	1,059.39	-4,665.59	1,951.36	1,859.94	91.42	21.346		
6,200.00	4,505.20	4,396.20	4,396.20	86.05	15.73	75.63	1,059.39	-4,665.59	1,915.61	1,820.88	94.73	20.222		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT EMMA E MCVEY 1 - OWB - Design #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		
6,300.00	4,561.41	4,452.41	4,452.41	88.05	15.93	77.08	1,059.39	-4,665.59	1,882.83	1,784.79	98.04	19.204		
6,400.00	4,617.62	4,508.62	4,508.62	90.06	16.13	78.54	1,059.39	-4,665.59	1,853.16	1,751.83	101.33	18.288		
6,500.00	4,673.83	4,564.83	4,564.83	92.07	16.33	80.01	1,059.39	-4,665.59	1,826.75	1,722.18	104.58	17.468		
6,600.00	4,730.05	4,621.05	4,621.05	94.07	16.53	81.50	1,059.39	-4,665.59	1,803.76	1,696.01	107.75	16.740		
6,700.00	4,786.26	4,677.26	4,677.26	96.08	16.73	83.00	1,059.39	-4,665.59	1,784.30	1,673.48	110.82	16.101		
6,800.00	4,842.47	4,733.47	4,733.47	98.09	16.94	84.51	1,059.39	-4,665.59	1,768.50	1,654.73	113.77	15.545		
6,900.00	4,898.68	4,789.68	4,789.68	100.09	17.14	86.03	1,059.39	-4,665.59	1,756.46	1,639.89	116.57	15.068		
7,000.00	4,954.90	4,845.90	4,845.90	102.10	17.34	87.55	1,059.39	-4,665.59	1,748.25	1,629.06	119.19	14.668		
7,100.00	5,011.11	4,902.11	4,902.11	104.11	17.54	89.08	1,059.39	-4,665.59	1,743.93	1,622.31	121.62	14.339		
7,160.30	5,045.00	4,936.00	4,936.00	105.32	17.66	90.00	1,059.39	-4,665.59	1,743.22	1,620.23	122.98	14.175 CC		
7,200.00	5,067.32	4,958.32	4,958.32	106.12	17.74	90.61	1,059.39	-4,665.59	1,743.53	1,619.69	123.84	14.079 ES		
7,300.00	5,123.53	5,014.53	5,014.53	108.13	17.94	92.13	1,059.39	-4,665.59	1,747.04	1,621.22	125.82	13.885		
7,400.00	5,179.75	5,070.75	5,070.75	110.14	18.14	93.66	1,059.39	-4,665.59	1,754.45	1,626.88	127.58	13.752		
7,500.00	5,235.96	5,126.96	5,126.96	112.15	18.35	95.18	1,059.39	-4,665.59	1,765.71	1,636.62	129.09	13.678		
7,600.00	5,292.17	5,183.17	5,183.17	114.16	18.55	96.69	1,059.39	-4,665.59	1,780.74	1,650.38	130.37	13.659 SF		
7,700.00	5,348.38	5,239.38	5,239.38	116.17	18.75	98.19	1,059.39	-4,665.59	1,799.46	1,668.04	131.41	13.693		
7,800.00	5,404.60	5,295.60	5,295.60	118.18	18.95	99.68	1,059.39	-4,665.59	1,821.73	1,689.50	132.23	13.777		
7,900.00	5,460.81	5,351.81	5,351.81	120.19	19.15	101.16	1,059.39	-4,665.59	1,847.45	1,714.61	132.84	13.907		
8,000.00	5,517.02	5,408.02	5,408.02	122.20	19.35	102.62	1,059.39	-4,665.59	1,876.46	1,743.20	133.26	14.081		
8,100.00	5,573.24	5,464.24	5,464.24	124.21	19.56	104.07	1,059.39	-4,665.59	1,908.62	1,775.12	133.50	14.297		
8,200.00	5,629.45	5,520.45	5,520.45	126.22	19.76	105.50	1,059.39	-4,665.59	1,943.76	1,810.18	133.58	14.551		
8,300.00	5,685.66	5,576.66	5,576.66	128.23	19.96	106.91	1,059.39	-4,665.59	1,981.74	1,848.22	133.52	14.842		
8,400.00	5,741.87	5,632.87	5,632.87	130.24	20.16	108.30	1,059.39	-4,665.59	2,022.39	1,889.05	133.34	15.167		
8,500.00	5,798.09	5,689.09	5,689.09	132.25	20.36	109.66	1,059.39	-4,665.59	2,065.55	1,932.50	133.05	15.525		
8,600.00	5,854.30	5,745.30	5,745.30	134.26	20.56	111.00	1,059.39	-4,665.59	2,111.06	1,978.39	132.67	15.912		
8,700.00	5,910.51	5,801.51	5,801.51	136.28	20.76	112.32	1,059.39	-4,665.59	2,158.79	2,026.57	132.23	16.326		
8,800.00	5,966.72	5,857.72	5,857.72	138.29	20.97	113.62	1,059.39	-4,665.59	2,208.59	2,076.87	131.72	16.767		
8,900.00	6,022.94	5,913.94	5,913.94	140.30	21.17	114.89	1,059.39	-4,665.59	2,260.31	2,129.14	131.17	17.232		
9,000.00	6,079.15	5,970.15	5,970.15	142.31	21.37	116.13	1,059.39	-4,665.59	2,313.84	2,183.26	130.58	17.719		
9,100.00	6,135.36	6,026.36	6,026.36	144.32	21.57	117.35	1,059.39	-4,665.59	2,369.05	2,239.07	129.98	18.227		
9,200.00	6,191.57	6,082.57	6,082.57	146.34	21.77	118.55	1,059.39	-4,665.59	2,425.81	2,296.46	129.35	18.754		
9,300.00	6,247.79	6,138.79	6,138.79	148.35	21.97	119.71	1,059.39	-4,665.59	2,484.04	2,355.32	128.72	19.298		
9,400.00	6,304.00	6,195.00	6,195.00	150.36	22.18	120.85	1,059.39	-4,665.59	2,543.62	2,415.54	128.09	19.859		
9,500.00	6,360.21	6,251.21	6,251.21	152.37	22.38	121.96	1,059.39	-4,665.59	2,604.47	2,477.01	127.46	20.434		
9,600.00	6,416.42	6,307.42	6,307.42	154.39	22.58	123.05	1,059.39	-4,665.59	2,666.49	2,539.65	126.84	21.023		
9,700.00	6,472.64	6,363.64	6,363.64	156.40	22.78	124.11	1,059.39	-4,665.59	2,729.61	2,603.38	126.23	21.625		
9,800.00	6,528.85	6,419.85	6,419.85	158.41	22.98	125.15	1,059.39	-4,665.59	2,793.75	2,668.12	125.63	22.237		
9,900.00	6,585.06	6,476.06	6,476.06	160.42	23.18	126.15	1,059.39	-4,665.59	2,858.85	2,733.79	125.06	22.860		
10,000.00	6,641.27	6,532.27	6,532.27	162.44	23.38	127.14	1,059.39	-4,665.59	2,924.83	2,800.33	124.51	23.492		
10,100.00	6,697.49	6,588.49	6,588.49	164.45	23.59	128.10	1,059.39	-4,665.59	2,991.65	2,867.68	123.97	24.132		
10,200.00	6,753.70	6,644.70	6,644.70	166.46	23.79	129.03	1,059.39	-4,665.59	3,059.24	2,935.78	123.46	24.779		
10,300.00	6,809.91	6,700.91	6,700.91	168.48	23.99	129.94	1,059.39	-4,665.59	3,127.56	3,004.59	122.98	25.432		
10,400.00	6,866.12	6,757.12	6,757.12	170.49	24.19	130.83	1,059.39	-4,665.59	3,196.56	3,074.05	122.51	26.092		
10,500.00	6,922.34	6,813.34	6,813.34	172.50	24.39	131.69	1,059.39	-4,665.59	3,266.20	3,144.12	122.08	26.756		
10,600.00	6,978.55	6,869.55	6,869.55	174.52	24.59	132.53	1,059.39	-4,665.59	3,336.43	3,214.77	121.66	27.424		
10,700.00	7,034.76	6,925.76	6,925.76	176.53	24.79	133.35	1,059.39	-4,665.59	3,407.22	3,285.95	121.27	28.095		
10,800.00	7,090.98	6,981.98	6,981.98	178.54	25.00	134.15	1,059.39	-4,665.59	3,478.54	3,357.63	120.91	28.769		
10,900.00	7,147.19	7,038.19	7,038.19	180.56	25.20	134.92	1,059.39	-4,665.59	3,550.35	3,429.78	120.57	29.446		
11,000.00	7,203.40	7,094.40	7,094.40	182.57	25.40	135.68	1,059.39	-4,665.59	3,622.63	3,502.37	120.26	30.124		
11,100.00	7,259.61	7,150.61	7,150.61	184.58	25.60	136.42	1,059.39	-4,665.59	3,695.35	3,575.38	119.97	30.803		
11,200.00	7,315.83	7,206.83	7,206.83	186.60	25.80	137.13	1,059.39	-4,665.59	3,768.47	3,648.77	119.70	31.483		
11,300.00	7,372.04	7,263.04	7,263.04	188.61	26.00	137.83	1,059.39	-4,665.59	3,841.99	3,722.53	119.45	32.163		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT EMMA E MCVEY 1 - OWB - Design #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		
11,400.00	7,428.25	7,319.25	7,319.25	190.63	26.21	138.51	1,059.39	-4,665.59	3,915.87	3,796.64	119.23	32.842		
11,500.00	7,484.46	7,375.46	7,375.46	192.64	26.41	139.17	1,059.39	-4,665.59	3,990.10	3,871.06	119.03	33.521		
11,600.00	7,540.68	7,431.68	7,431.68	194.65	26.61	139.82	1,059.39	-4,665.59	4,064.65	3,945.80	118.85	34.199		
11,700.00	7,596.89	7,487.89	7,487.89	196.67	26.81	140.44	1,059.39	-4,665.59	4,139.52	4,020.82	118.69	34.875		
11,800.00	7,653.10	7,544.10	7,544.10	198.68	27.01	141.06	1,059.39	-4,665.59	4,214.67	4,096.12	118.56	35.550		
11,900.00	7,708.64	7,599.64	7,599.64	200.71	27.21	138.15	1,059.39	-4,665.59	4,290.42	4,171.99	118.43	36.227		
12,000.00	7,753.02	7,644.02	7,644.02	202.96	27.37	125.65	1,059.39	-4,665.59	4,370.81	4,252.60	118.21	36.976		
12,100.00	7,781.64	7,672.64	7,672.64	205.41	27.47	110.33	1,059.39	-4,665.59	4,455.29	4,337.45	117.84	37.808		
12,200.00	7,793.64	7,684.64	7,684.64	207.95	27.51	93.43	1,059.39	-4,665.59	4,541.46	4,424.14	117.32	38.710		
12,300.00	7,794.00	7,685.00	7,685.00	210.49	27.52	90.00	1,059.39	-4,665.59	4,627.62	4,510.91	116.71	39.652		
12,400.00	7,794.00	7,685.00	7,685.00	213.04	27.52	90.00	1,059.39	-4,665.59	4,714.28	4,598.17	116.11	40.603		
12,500.00	7,794.00	7,685.00	7,685.00	215.58	27.52	90.00	1,059.39	-4,665.59	4,801.47	4,685.94	115.53	41.561		
12,600.00	7,794.00	7,685.00	7,685.00	218.14	27.52	90.00	1,059.39	-4,665.59	4,889.14	4,774.18	114.97	42.526		
12,700.00	7,794.00	7,685.00	7,685.00	220.69	27.52	90.00	1,059.39	-4,665.59	4,977.28	4,862.86	114.43	43.498		
12,800.00	7,794.00	7,685.00	7,685.00	223.25	27.52	90.00	1,059.39	-4,665.59	5,065.87	4,951.97	113.90	44.476		
12,900.00	7,794.00	7,685.00	7,685.00	225.81	27.52	90.00	1,059.39	-4,665.59	5,154.86	5,041.47	113.39	45.460		
13,000.00	7,794.00	7,685.00	7,685.00	228.37	27.52	90.00	1,059.39	-4,665.59	5,244.26	5,131.36	112.90	46.449		
13,100.00	7,794.00	7,685.00	7,685.00	230.94	27.52	90.00	1,059.39	-4,665.59	5,334.03	5,221.60	112.43	47.444		
13,200.00	7,794.00	7,685.00	7,685.00	233.51	27.52	90.00	1,059.39	-4,665.59	5,424.16	5,312.19	111.97	48.443		
13,300.00	7,794.00	7,685.00	7,685.00	236.08	27.52	90.00	1,059.39	-4,665.59	5,514.63	5,403.11	111.53	49.447		
13,400.00	7,794.00	7,685.00	7,685.00	238.66	27.52	90.00	1,059.39	-4,665.59	5,605.43	5,494.33	111.10	50.455		
13,500.00	7,794.00	7,685.00	7,685.00	241.24	27.52	90.00	1,059.39	-4,665.59	5,696.53	5,585.85	110.68	51.468		
13,600.00	7,794.00	7,685.00	7,685.00	243.82	27.52	90.00	1,059.39	-4,665.59	5,787.92	5,677.64	110.28	52.484		
13,700.00	7,794.00	7,685.00	7,685.00	246.40	27.52	90.00	1,059.39	-4,665.59	5,879.60	5,769.71	109.89	53.503		
13,800.00	7,794.00	7,685.00	7,685.00	248.99	27.52	90.00	1,059.39	-4,665.59	5,971.54	5,862.03	109.52	54.526		
13,900.00	7,794.00	7,685.00	7,685.00	251.58	27.52	90.00	1,059.39	-4,665.59	6,063.74	5,954.59	109.16	55.552		
14,000.00	7,794.00	7,685.00	7,685.00	254.17	27.52	90.00	1,059.39	-4,665.59	6,156.18	6,047.38	108.80	56.580		
14,100.00	7,794.00	7,685.00	7,685.00	256.76	27.52	90.00	1,059.39	-4,665.59	6,248.86	6,140.39	108.47	57.612		
14,200.00	7,794.00	7,685.00	7,685.00	259.36	27.52	90.00	1,059.39	-4,665.59	6,341.76	6,233.62	108.14	58.645		
14,300.00	7,794.00	7,685.00	7,685.00	261.95	27.52	90.00	1,059.39	-4,665.59	6,434.87	6,327.05	107.82	59.681		
14,400.00	7,794.00	7,685.00	7,685.00	264.55	27.52	90.00	1,059.39	-4,665.59	6,528.18	6,420.67	107.51	60.719		
14,500.00	7,794.00	7,685.00	7,685.00	267.15	27.52	90.00	1,059.39	-4,665.59	6,621.69	6,514.47	107.22	61.759		
14,600.00	7,794.00	7,685.00	7,685.00	269.76	27.52	90.00	1,059.39	-4,665.59	6,715.39	6,608.46	106.93	62.801		
14,700.00	7,794.00	7,685.00	7,685.00	272.36	27.52	90.00	1,059.39	-4,665.59	6,809.26	6,702.61	106.65	63.845		
14,800.00	7,794.00	7,685.00	7,685.00	274.97	27.52	90.00	1,059.39	-4,665.59	6,903.31	6,796.92	106.39	64.890		
14,900.00	7,794.00	7,685.00	7,685.00	277.58	27.52	90.00	1,059.39	-4,665.59	6,997.52	6,891.40	106.13	65.936		
15,000.00	7,794.00	7,685.00	7,685.00	280.19	27.52	90.00	1,059.39	-4,665.59	7,091.89	6,986.02	105.88	66.983		
15,100.00	7,794.00	7,685.00	7,685.00	282.80	27.52	90.00	1,059.39	-4,665.59	7,186.42	7,080.78	105.63	68.032		
15,200.00	7,794.00	7,685.00	7,685.00	285.41	27.52	90.00	1,059.39	-4,665.59	7,281.09	7,175.69	105.40	69.082		
15,300.00	7,794.00	7,685.00	7,685.00	288.03	27.52	90.00	1,059.39	-4,665.59	7,375.90	7,270.73	105.17	70.132		
15,400.00	7,794.00	7,685.00	7,685.00	290.64	27.52	90.00	1,059.39	-4,665.59	7,470.84	7,365.89	104.95	71.183		
15,500.00	7,794.00	7,685.00	7,685.00	293.26	27.52	90.00	1,059.39	-4,665.59	7,565.92	7,461.18	104.74	72.235		
15,600.00	7,794.00	7,685.00	7,685.00	295.88	27.52	90.00	1,059.39	-4,665.59	7,661.12	7,556.59	104.53	73.288		
15,700.00	7,794.00	7,685.00	7,685.00	298.50	27.52	90.00	1,059.39	-4,665.59	7,756.44	7,652.11	104.34	74.341		
15,800.00	7,794.00	7,685.00	7,685.00	301.12	27.52	90.00	1,059.39	-4,665.59	7,851.88	7,747.74	104.14	75.394		
15,900.00	7,794.00	7,685.00	7,685.00	303.75	27.52	90.00	1,059.39	-4,665.59	7,947.43	7,843.47	103.96	76.448		
16,000.00	7,794.00	7,685.00	7,685.00	306.37	27.52	90.00	1,059.39	-4,665.59	8,043.09	7,939.31	103.78	77.501		
16,100.00	7,794.00	7,685.00	7,685.00	309.00	27.52	90.00	1,059.39	-4,665.59	8,138.85	8,035.25	103.61	78.555		
16,200.00	7,794.00	7,685.00	7,685.00	311.62	27.52	90.00	1,059.39	-4,665.59	8,234.72	8,131.28	103.44	79.609		
16,300.00	7,794.00	7,685.00	7,685.00	314.25	27.52	90.00	1,059.39	-4,665.59	8,330.68	8,227.40	103.28	80.663		
16,400.00	7,794.00	7,685.00	7,685.00	316.88	27.52	90.00	1,059.39	-4,665.59	8,426.73	8,323.61	103.12	81.717		
16,500.00	7,794.00	7,685.00	7,685.00	319.51	27.52	90.00	1,059.39	-4,665.59	8,522.88	8,419.91	102.97	82.770		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT EMMA E MCVEY 1 - OWB - Design #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	
16,600.00	7,794.00	7,685.00	7,685.00	322.15	27.52	90.00	1,059.39	-4,665.59	8,619.11	8,516.29	102.82	83.824	
16,700.00	7,794.00	7,685.00	7,685.00	324.78	27.52	90.00	1,059.39	-4,665.59	8,715.43	8,612.75	102.68	84.877	
16,800.00	7,794.00	7,685.00	7,685.00	327.41	27.52	90.00	1,059.39	-4,665.59	8,811.83	8,709.28	102.55	85.929	
16,900.00	7,794.00	7,685.00	7,685.00	330.05	27.52	90.00	1,059.39	-4,665.59	8,908.31	8,805.89	102.42	86.981	
17,000.00	7,794.00	7,685.00	7,685.00	332.68	27.52	90.00	1,059.39	-4,665.59	9,004.87	8,902.58	102.29	88.033	
17,100.00	7,794.00	7,685.00	7,685.00	335.32	27.52	90.00	1,059.39	-4,665.59	9,101.50	8,999.33	102.17	89.084	
17,200.00	7,794.00	7,685.00	7,685.00	337.96	27.52	90.00	1,059.39	-4,665.59	9,198.20	9,096.15	102.05	90.135	
17,300.00	7,794.00	7,685.00	7,685.00	340.60	27.52	90.00	1,059.39	-4,665.59	9,294.97	9,193.04	101.94	91.185	
17,400.00	7,794.00	7,685.00	7,685.00	343.24	27.52	90.00	1,059.39	-4,665.59	9,391.81	9,289.99	101.83	92.234	
17,500.00	7,794.00	7,685.00	7,685.00	345.88	27.52	90.00	1,059.39	-4,665.59	9,488.72	9,387.00	101.72	93.282	
17,600.00	7,794.00	7,685.00	7,685.00	348.52	27.52	90.00	1,059.39	-4,665.59	9,585.69	9,484.07	101.62	94.330	
17,700.00	7,794.00	7,685.00	7,685.00	351.16	27.52	90.00	1,059.39	-4,665.59	9,682.72	9,581.20	101.52	95.377	
17,800.00	7,794.00	7,685.00	7,685.00	353.81	27.52	90.00	1,059.39	-4,665.59	9,779.81	9,678.38	101.43	96.423	
17,900.00	7,794.00	7,685.00	7,685.00	356.45	27.52	90.00	1,059.39	-4,665.59	9,876.96	9,775.62	101.34	97.468	
18,000.00	7,794.00	7,685.00	7,685.00	359.09	27.52	90.00	1,059.39	-4,665.59	9,974.17	9,872.92	101.25	98.512	
18,100.00	7,794.00	7,685.00	7,685.00	361.74	27.52	90.00	1,059.39	-4,665.59	10,071.43	9,970.26	101.16	99.555	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT GRIMM 16-25 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,900.00	4,898.68	4,735.68	4,735.68	100.09	82.48	-8.93	-2,998.77	-13,958.86	10,048.70	9,939.41	109.28	91.950		
7,000.00	4,954.90	4,791.90	4,791.90	102.10	83.46	-9.00	-2,998.77	-13,958.86	9,966.32	9,855.60	110.71	90.019		
7,100.00	5,011.11	4,848.11	4,848.11	104.11	84.44	-9.07	-2,998.77	-13,958.86	9,883.94	9,771.80	112.14	88.136		
7,200.00	5,067.32	4,904.32	4,904.32	106.12	85.42	-9.15	-2,998.77	-13,958.86	9,801.57	9,687.99	113.58	86.298		
7,300.00	5,123.53	4,960.53	4,960.53	108.13	86.40	-9.23	-2,998.77	-13,958.86	9,719.20	9,604.19	115.01	84.504		
7,400.00	5,179.75	5,016.75	5,016.75	110.14	87.38	-9.31	-2,998.77	-13,958.86	9,636.84	9,520.39	116.45	82.753		
7,500.00	5,235.96	5,072.96	5,072.96	112.15	88.37	-9.38	-2,998.77	-13,958.86	9,554.49	9,436.60	117.89	81.043		
7,600.00	5,292.17	5,129.17	5,129.17	114.16	89.35	-9.47	-2,998.77	-13,958.86	9,472.14	9,352.81	119.34	79.372		
7,700.00	5,348.38	5,185.38	5,185.38	116.17	90.33	-9.55	-2,998.77	-13,958.86	9,389.80	9,269.02	120.78	77.740		
7,800.00	5,404.60	5,241.60	5,241.60	118.18	91.31	-9.63	-2,998.77	-13,958.86	9,307.47	9,185.23	122.23	76.144		
7,900.00	5,460.81	5,297.81	5,297.81	120.19	92.29	-9.72	-2,998.77	-13,958.86	9,225.14	9,101.45	123.69	74.585		
8,000.00	5,517.02	5,354.02	5,354.02	122.20	93.27	-9.80	-2,998.77	-13,958.86	9,142.82	9,017.68	125.14	73.060		
8,100.00	5,573.24	5,410.24	5,410.24	124.21	94.25	-9.89	-2,998.77	-13,958.86	9,060.50	8,933.91	126.60	71.568		
8,200.00	5,629.45	5,466.45	5,466.45	126.22	95.23	-9.98	-2,998.77	-13,958.86	8,978.20	8,850.14	128.06	70.109		
8,300.00	5,685.66	5,522.66	5,522.66	128.23	96.21	-10.07	-2,998.77	-13,958.86	8,895.90	8,766.37	129.52	68.681		
8,400.00	5,741.87	5,578.87	5,578.87	130.24	97.20	-10.17	-2,998.77	-13,958.86	8,813.61	8,682.61	130.99	67.284		
8,500.00	5,798.09	5,635.09	5,635.09	132.25	98.18	-10.26	-2,998.77	-13,958.86	8,731.32	8,598.86	132.46	65.915		
8,600.00	5,854.30	5,691.30	5,691.30	134.26	99.16	-10.36	-2,998.77	-13,958.86	8,649.05	8,515.11	133.94	64.576		
8,700.00	5,910.51	5,747.51	5,747.51	136.28	100.14	-10.46	-2,998.77	-13,958.86	8,566.78	8,431.36	135.41	63.263		
8,800.00	5,966.72	5,803.72	5,803.72	138.29	101.12	-10.56	-2,998.77	-13,958.86	8,484.52	8,347.62	136.90	61.978		
8,900.00	6,022.94	5,859.94	5,859.94	140.30	102.10	-10.66	-2,998.77	-13,958.86	8,402.27	8,263.89	138.38	60.719		
9,000.00	6,079.15	5,916.15	5,916.15	142.31	103.08	-10.76	-2,998.77	-13,958.86	8,320.03	8,180.16	139.87	59.484		
9,100.00	6,135.36	5,972.36	5,972.36	144.32	104.06	-10.87	-2,998.77	-13,958.86	8,237.79	8,096.43	141.36	58.274		
9,200.00	6,191.57	6,028.57	6,028.57	146.34	105.04	-10.98	-2,998.77	-13,958.86	8,155.57	8,012.71	142.86	57.088		
9,300.00	6,247.79	6,084.79	6,084.79	148.35	106.03	-11.09	-2,998.77	-13,958.86	8,073.36	7,929.00	144.36	55.925		
9,400.00	6,304.00	6,141.00	6,141.00	150.36	107.01	-11.20	-2,998.77	-13,958.86	7,991.15	7,845.29	145.87	54.784		
9,500.00	6,360.21	6,197.21	6,197.21	152.37	107.99	-11.31	-2,998.77	-13,958.86	7,908.96	7,761.59	147.38	53.665		
9,600.00	6,416.42	6,253.42	6,253.42	154.39	108.97	-11.43	-2,998.77	-13,958.86	7,826.78	7,677.89	148.89	52.567		
9,700.00	6,472.64	6,309.64	6,309.64	156.40	109.95	-11.55	-2,998.77	-13,958.86	7,744.61	7,594.20	150.41	51.490		
9,800.00	6,528.85	6,365.85	6,365.85	158.41	110.93	-11.67	-2,998.77	-13,958.86	7,662.45	7,510.52	151.93	50.432		
9,900.00	6,585.06	6,422.06	6,422.06	160.42	111.91	-11.80	-2,998.77	-13,958.86	7,580.30	7,426.84	153.46	49.394		
10,000.00	6,641.27	6,478.27	6,478.27	162.44	112.89	-11.92	-2,998.77	-13,958.86	7,498.17	7,343.17	155.00	48.375		
10,100.00	6,697.49	6,534.49	6,534.49	164.45	113.87	-12.05	-2,998.77	-13,958.86	7,416.05	7,259.51	156.54	47.374		
10,200.00	6,753.70	6,590.70	6,590.70	166.46	114.85	-12.19	-2,998.77	-13,958.86	7,333.94	7,175.85	158.09	46.391		
10,300.00	6,809.91	6,646.91	6,646.91	168.48	115.84	-12.32	-2,998.77	-13,958.86	7,251.84	7,092.20	159.64	45.426		
10,400.00	6,866.12	6,703.12	6,703.12	170.49	116.82	-12.46	-2,998.77	-13,958.86	7,169.76	7,008.56	161.20	44.477		
10,500.00	6,922.34	6,759.34	6,759.34	172.50	117.80	-12.60	-2,998.77	-13,958.86	7,087.69	6,924.93	162.77	43.545		
10,600.00	6,978.55	6,815.55	6,815.55	174.52	118.78	-12.75	-2,998.77	-13,958.86	7,005.64	6,841.30	164.34	42.629		
10,700.00	7,034.76	6,871.76	6,871.76	176.53	119.76	-12.90	-2,998.77	-13,958.86	6,923.61	6,757.68	165.92	41.729		
10,800.00	7,090.98	6,927.98	6,927.98	178.54	120.74	-13.05	-2,998.77	-13,958.86	6,841.58	6,674.08	167.51	40.843		
10,900.00	7,147.19	6,984.19	6,984.19	180.56	121.72	-13.20	-2,998.77	-13,958.86	6,759.58	6,590.48	169.10	39.973		
11,000.00	7,203.40	7,040.40	7,040.40	182.57	122.70	-13.36	-2,998.77	-13,958.86	6,677.59	6,506.89	170.71	39.117		
11,100.00	7,259.61	7,096.61	7,096.61	184.58	123.68	-13.53	-2,998.77	-13,958.86	6,595.63	6,423.31	172.32	38.276		
11,200.00	7,315.83	7,152.83	7,152.83	186.60	124.67	-13.69	-2,998.77	-13,958.86	6,513.68	6,339.74	173.94	37.448		
11,300.00	7,372.04	7,209.04	7,209.04	188.61	125.65	-13.86	-2,998.77	-13,958.86	6,431.75	6,256.18	175.57	36.633		
11,400.00	7,428.25	7,265.25	7,265.25	190.63	126.63	-14.04	-2,998.77	-13,958.86	6,349.84	6,172.62	177.21	35.832		
11,500.00	7,484.46	7,321.46	7,321.46	192.64	127.61	-14.22	-2,998.77	-13,958.86	6,267.95	6,089.09	178.86	35.044		
11,600.00	7,540.68	7,377.68	7,377.68	194.65	128.59	-14.40	-2,998.77	-13,958.86	6,186.08	6,005.56	180.52	34.268		
11,700.00	7,596.89	7,433.89	7,433.89	196.67	129.57	-14.59	-2,998.77	-13,958.86	6,104.23	5,922.04	182.19	33.504		
11,800.00	7,653.10	7,490.10	7,490.10	198.68	130.55	-14.79	-2,998.77	-13,958.86	6,022.41	5,838.53	183.88	32.752		
11,900.00	7,708.64	7,545.64	7,545.64	200.71	131.52	-17.88	-2,998.77	-13,958.86	5,940.22	5,754.64	185.57	32.011		
12,000.00	7,753.02	7,590.02	7,590.02	202.96	132.30	-30.85	-2,998.77	-13,958.86	5,852.38	5,665.20	187.18	31.267		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT GRIMM 16-25 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,100.00	7,781.64	7,618.64	7,618.64	205.41	132.80	-52.58	-2,998.77	-13,958.86	5,759.41	5,570.78	188.63	30.533		
12,200.00	7,793.64	7,630.64	7,630.64	207.95	133.01	-83.59	-2,998.77	-13,958.86	5,664.19	5,474.28	189.91	29.826		
12,300.00	7,794.00	7,631.00	7,631.00	210.49	133.01	-90.00	-2,998.77	-13,958.86	5,569.07	5,377.99	191.08	29.146		
12,400.00	7,794.00	7,631.00	7,631.00	213.04	133.01	-90.00	-2,998.77	-13,958.86	5,474.14	5,281.82	192.32	28.464		
12,500.00	7,794.00	7,631.00	7,631.00	215.58	133.01	-90.00	-2,998.77	-13,958.86	5,379.40	5,185.75	193.65	27.779		
12,600.00	7,794.00	7,631.00	7,631.00	218.14	133.01	-90.00	-2,998.77	-13,958.86	5,284.85	5,089.78	195.07	27.093		
12,700.00	7,794.00	7,631.00	7,631.00	220.69	133.01	-90.00	-2,998.77	-13,958.86	5,190.50	4,993.93	196.57	26.405		
12,800.00	7,794.00	7,631.00	7,631.00	223.25	133.01	-90.00	-2,998.77	-13,958.86	5,096.37	4,898.19	198.18	25.716		
12,900.00	7,794.00	7,631.00	7,631.00	225.81	133.01	-90.00	-2,998.77	-13,958.86	5,002.47	4,802.59	199.88	25.027		
13,000.00	7,794.00	7,631.00	7,631.00	228.37	133.01	-90.00	-2,998.77	-13,958.86	4,908.81	4,707.12	201.69	24.338		
13,100.00	7,794.00	7,631.00	7,631.00	230.94	133.01	-90.00	-2,998.77	-13,958.86	4,815.40	4,611.79	203.61	23.650		
13,200.00	7,794.00	7,631.00	7,631.00	233.51	133.01	-90.00	-2,998.77	-13,958.86	4,722.27	4,516.63	205.64	22.964		
13,300.00	7,794.00	7,631.00	7,631.00	236.08	133.01	-90.00	-2,998.77	-13,958.86	4,629.42	4,421.63	207.79	22.279		
13,400.00	7,794.00	7,631.00	7,631.00	238.66	133.01	-90.00	-2,998.77	-13,958.86	4,536.87	4,326.80	210.07	21.597		
13,500.00	7,794.00	7,631.00	7,631.00	241.24	133.01	-90.00	-2,998.77	-13,958.86	4,444.65	4,232.18	212.48	20.918		
13,600.00	7,794.00	7,631.00	7,631.00	243.82	133.01	-90.00	-2,998.77	-13,958.86	4,352.77	4,137.75	215.02	20.244		
13,700.00	7,794.00	7,631.00	7,631.00	246.40	133.01	-90.00	-2,998.77	-13,958.86	4,261.26	4,043.55	217.71	19.573		
13,800.00	7,794.00	7,631.00	7,631.00	248.99	133.01	-90.00	-2,998.77	-13,958.86	4,170.14	3,949.59	220.54	18.908		
13,900.00	7,794.00	7,631.00	7,631.00	251.58	133.01	-90.00	-2,998.77	-13,958.86	4,079.43	3,855.89	223.54	18.249		
14,000.00	7,794.00	7,631.00	7,631.00	254.17	133.01	-90.00	-2,998.77	-13,958.86	3,989.17	3,762.47	226.70	17.597		
14,100.00	7,794.00	7,631.00	7,631.00	256.76	133.01	-90.00	-2,998.77	-13,958.86	3,899.38	3,669.34	230.03	16.951		
14,200.00	7,794.00	7,631.00	7,631.00	259.36	133.01	-90.00	-2,998.77	-13,958.86	3,810.10	3,576.55	233.55	16.314		
14,300.00	7,794.00	7,631.00	7,631.00	261.95	133.01	-90.00	-2,998.77	-13,958.86	3,721.36	3,484.11	237.26	15.685		
14,400.00	7,794.00	7,631.00	7,631.00	264.55	133.01	-90.00	-2,998.77	-13,958.86	3,633.21	3,392.05	241.17	15.065		
14,500.00	7,794.00	7,631.00	7,631.00	267.15	133.01	-90.00	-2,998.77	-13,958.86	3,545.69	3,300.41	245.29	14.455		
14,600.00	7,794.00	7,631.00	7,631.00	269.76	133.01	-90.00	-2,998.77	-13,958.86	3,458.85	3,209.22	249.63	13.856		
14,700.00	7,794.00	7,631.00	7,631.00	272.36	133.01	-90.00	-2,998.77	-13,958.86	3,372.74	3,118.53	254.21	13.268		
14,800.00	7,794.00	7,631.00	7,631.00	274.97	133.01	-90.00	-2,998.77	-13,958.86	3,287.41	3,028.37	259.03	12.691		
14,900.00	7,794.00	7,631.00	7,631.00	277.58	133.01	-90.00	-2,998.77	-13,958.86	3,202.93	2,938.81	264.12	12.127		
15,000.00	7,794.00	7,631.00	7,631.00	280.19	133.01	-90.00	-2,998.77	-13,958.86	3,119.37	2,849.90	269.47	11.576		
15,100.00	7,794.00	7,631.00	7,631.00	282.80	133.01	-90.00	-2,998.77	-13,958.86	3,036.80	2,761.70	275.11	11.039		
15,200.00	7,794.00	7,631.00	7,631.00	285.41	133.01	-90.00	-2,998.77	-13,958.86	2,955.31	2,674.27	281.04	10.516		
15,300.00	7,794.00	7,631.00	7,631.00	288.03	133.01	-90.00	-2,998.77	-13,958.86	2,874.99	2,587.71	287.28	10.008		
15,400.00	7,794.00	7,631.00	7,631.00	290.64	133.01	-90.00	-2,998.77	-13,958.86	2,795.94	2,502.10	293.84	9.515		
15,500.00	7,794.00	7,631.00	7,631.00	293.26	133.01	-90.00	-2,998.77	-13,958.86	2,718.27	2,417.54	300.73	9.039		
15,600.00	7,794.00	7,631.00	7,631.00	295.88	133.01	-90.00	-2,998.77	-13,958.86	2,642.10	2,334.14	307.95	8.580		
15,700.00	7,794.00	7,631.00	7,631.00	298.50	133.01	-90.00	-2,998.77	-13,958.86	2,567.56	2,252.03	315.53	8.137		
15,800.00	7,794.00	7,631.00	7,631.00	301.12	133.01	-90.00	-2,998.77	-13,958.86	2,494.81	2,171.36	323.45	7.713		
15,900.00	7,794.00	7,631.00	7,631.00	303.75	133.01	-90.00	-2,998.77	-13,958.86	2,424.00	2,092.28	331.73	7.307		
16,000.00	7,794.00	7,631.00	7,631.00	306.37	133.01	-90.00	-2,998.77	-13,958.86	2,355.31	2,014.97	340.34	6.920		
16,100.00	7,794.00	7,631.00	7,631.00	309.00	133.01	-90.00	-2,998.77	-13,958.86	2,288.93	1,939.64	349.29	6.553		
16,200.00	7,794.00	7,631.00	7,631.00	311.62	133.01	-90.00	-2,998.77	-13,958.86	2,225.06	1,866.51	358.55	6.206		
16,300.00	7,794.00	7,631.00	7,631.00	314.25	133.01	-90.00	-2,998.77	-13,958.86	2,163.93	1,795.84	368.09	5.879		
16,400.00	7,794.00	7,631.00	7,631.00	316.88	133.01	-90.00	-2,998.77	-13,958.86	2,105.78	1,727.91	377.87	5.573		
16,500.00	7,794.00	7,631.00	7,631.00	319.51	133.01	-90.00	-2,998.77	-13,958.86	2,050.85	1,663.02	387.84	5.288		
16,600.00	7,794.00	7,631.00	7,631.00	322.15	133.01	-90.00	-2,998.77	-13,958.86	1,999.43	1,601.51	397.92	5.025		
16,700.00	7,794.00	7,631.00	7,631.00	324.78	133.01	-90.00	-2,998.77	-13,958.86	1,951.77	1,543.74	408.03	4.783		
16,800.00	7,794.00	7,631.00	7,631.00	327.41	133.01	-90.00	-2,998.77	-13,958.86	1,908.17	1,490.10	418.06	4.564		
16,900.00	7,794.00	7,631.00	7,631.00	330.05	133.01	-90.00	-2,998.77	-13,958.86	1,868.91	1,440.99	427.92	4.367		
17,000.00	7,794.00	7,631.00	7,631.00	332.68	133.01	-90.00	-2,998.77	-13,958.86	1,834.26	1,396.81	437.45	4.193		
17,100.00	7,794.00	7,631.00	7,631.00	335.32	133.01	-90.00	-2,998.77	-13,958.86	1,804.50	1,357.96	446.54	4.041		
17,200.00	7,794.00	7,631.00	7,631.00	337.96	133.01	-90.00	-2,998.77	-13,958.86	1,779.86	1,324.84	455.02	3.912		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT GRIMM 16-25 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
17,300.00	7,794.00	7,631.00	7,631.00	340.60	133.01	-90.00	-2,998.77	-13,958.86	1,760.57	1,297.81	462.77	3.804		
17,400.00	7,794.00	7,631.00	7,631.00	343.24	133.01	-90.00	-2,998.77	-13,958.86	1,746.80	1,277.16	469.65	3.719		
17,500.00	7,794.00	7,631.00	7,631.00	345.88	133.01	-90.00	-2,998.77	-13,958.86	1,738.68	1,263.14	475.54	3.656		
17,591.49	7,794.00	7,631.00	7,631.00	348.30	133.01	-90.00	-2,998.77	-13,958.86	1,736.28	1,256.27	480.00	3.617 CC		
17,600.00	7,794.00	7,631.00	7,631.00	348.52	133.01	-90.00	-2,998.77	-13,958.86	1,736.30	1,255.92	480.37	3.614		
17,700.00	7,794.00	7,631.00	7,631.00	351.16	133.01	-90.00	-2,998.77	-13,958.86	1,739.66	1,255.59	484.07	3.594 ES		
17,800.00	7,794.00	7,631.00	7,631.00	353.81	133.01	-90.00	-2,998.77	-13,958.86	1,748.75	1,262.13	486.62	3.594 SF		
17,900.00	7,794.00	7,631.00	7,631.00	356.45	133.01	-90.00	-2,998.77	-13,958.86	1,763.47	1,275.44	488.03	3.613		
18,000.00	7,794.00	7,631.00	7,631.00	359.09	133.01	-90.00	-2,998.77	-13,958.86	1,783.69	1,295.34	488.34	3.653		
18,100.00	7,794.00	7,631.00	7,631.00	361.74	133.01	-90.00	-2,998.77	-13,958.86	1,809.21	1,321.58	487.63	3.710		
18,200.00	7,794.00	7,631.00	7,631.00	364.39	133.01	-90.00	-2,998.77	-13,958.86	1,839.82	1,353.85	485.97	3.786		
18,300.00	7,794.00	7,631.00	7,631.00	367.03	133.01	-90.00	-2,998.77	-13,958.86	1,875.27	1,391.79	483.48	3.879		
18,400.00	7,794.00	7,631.00	7,631.00	369.68	133.01	-90.00	-2,998.77	-13,958.86	1,915.29	1,435.02	480.27	3.988		
18,500.00	7,794.00	7,631.00	7,631.00	372.33	133.01	-90.00	-2,998.77	-13,958.86	1,959.60	1,483.14	476.46	4.113		
18,600.00	7,794.00	7,631.00	7,631.00	374.98	133.01	-90.00	-2,998.77	-13,958.86	2,007.92	1,535.76	472.16	4.253		
18,700.00	7,794.00	7,631.00	7,631.00	377.63	133.01	-90.00	-2,998.77	-13,958.86	2,059.96	1,592.50	467.46	4.407		
18,800.00	7,794.00	7,631.00	7,631.00	380.28	133.01	-90.00	-2,998.77	-13,958.86	2,115.46	1,652.97	462.48	4.574		
18,900.00	7,794.00	7,631.00	7,631.00	382.93	133.01	-90.00	-2,998.77	-13,958.86	2,174.13	1,716.84	457.29	4.754		
19,000.00	7,794.00	7,631.00	7,631.00	385.58	133.01	-90.00	-2,998.77	-13,958.86	2,235.75	1,783.78	451.97	4.947		
19,100.00	7,794.00	7,631.00	7,631.00	388.24	133.01	-90.00	-2,998.77	-13,958.86	2,300.06	1,853.48	446.58	5.150		
19,200.00	7,794.00	7,631.00	7,631.00	390.89	133.01	-90.00	-2,998.77	-13,958.86	2,366.85	1,925.68	441.17	5.365		
19,300.00	7,794.00	7,631.00	7,631.00	393.55	133.01	-90.00	-2,998.77	-13,958.86	2,435.91	2,000.13	435.78	5.590		
19,400.00	7,794.00	7,631.00	7,631.00	396.20	133.01	-90.00	-2,998.77	-13,958.86	2,507.06	2,076.60	430.46	5.824		
19,500.00	7,794.00	7,631.00	7,631.00	398.85	133.01	-90.00	-2,998.77	-13,958.86	2,580.13	2,154.90	425.23	6.068		
19,600.00	7,794.00	7,631.00	7,631.00	401.51	133.01	-90.00	-2,998.77	-13,958.86	2,654.95	2,234.85	420.10	6.320		
19,700.00	7,794.00	7,631.00	7,631.00	404.17	133.01	-90.00	-2,998.77	-13,958.86	2,731.39	2,316.29	415.10	6.580		
19,800.00	7,794.00	7,631.00	7,631.00	406.82	133.01	-90.00	-2,998.77	-13,958.86	2,809.30	2,399.07	410.23	6.848		
19,900.00	7,794.00	7,631.00	7,631.00	409.48	133.01	-90.00	-2,998.77	-13,958.86	2,888.58	2,483.07	405.51	7.123		
20,000.00	7,794.00	7,631.00	7,631.00	412.14	133.01	-90.00	-2,998.77	-13,958.86	2,969.10	2,568.17	400.94	7.405		
20,100.00	7,794.00	7,631.00	7,631.00	414.80	133.01	-90.00	-2,998.77	-13,958.86	3,050.78	2,654.27	396.51	7.694		
20,200.00	7,794.00	7,631.00	7,631.00	417.46	133.01	-90.00	-2,998.77	-13,958.86	3,133.53	2,741.29	392.24	7.989		
20,300.00	7,794.00	7,631.00	7,631.00	420.12	133.01	-90.00	-2,998.77	-13,958.86	3,217.25	2,829.14	388.11	8.289		
20,400.00	7,794.00	7,631.00	7,631.00	422.78	133.01	-90.00	-2,998.77	-13,958.86	3,301.88	2,917.74	384.14	8.596		
20,500.00	7,794.00	7,631.00	7,631.00	425.44	133.01	-90.00	-2,998.77	-13,958.86	3,387.34	3,007.04	380.30	8.907		
20,600.00	7,794.00	7,631.00	7,631.00	428.10	133.01	-90.00	-2,998.77	-13,958.86	3,473.59	3,096.97	376.61	9.223		
20,700.00	7,794.00	7,631.00	7,631.00	430.76	133.01	-90.00	-2,998.77	-13,958.86	3,560.55	3,187.49	373.06	9.544		
20,800.00	7,794.00	7,631.00	7,631.00	433.42	133.01	-90.00	-2,998.77	-13,958.86	3,648.18	3,278.54	369.64	9.870		
20,900.00	7,794.00	7,631.00	7,631.00	436.08	133.01	-90.00	-2,998.77	-13,958.86	3,736.43	3,370.08	366.34	10.199		
21,000.00	7,794.00	7,631.00	7,631.00	438.74	133.01	-90.00	-2,998.77	-13,958.86	3,825.26	3,462.08	363.17	10.533		
21,100.00	7,794.00	7,631.00	7,631.00	441.41	133.01	-90.00	-2,998.77	-13,958.86	3,914.63	3,554.51	360.12	10.870		
21,200.00	7,794.00	7,631.00	7,631.00	444.07	133.01	-90.00	-2,998.77	-13,958.86	4,004.50	3,647.32	357.18	11.211		
21,300.00	7,794.00	7,631.00	7,631.00	446.74	133.01	-90.00	-2,998.77	-13,958.86	4,094.84	3,740.49	354.35	11.556		
21,400.00	7,794.00	7,631.00	7,631.00	449.40	133.01	-90.00	-2,998.77	-13,958.86	4,185.62	3,833.99	351.63	11.904		
21,500.00	7,794.00	7,631.00	7,631.00	452.06	133.01	-90.00	-2,998.77	-13,958.86	4,276.81	3,927.81	349.00	12.254		
21,600.00	7,794.00	7,631.00	7,631.00	454.73	133.01	-90.00	-2,998.77	-13,958.86	4,368.39	4,021.92	346.47	12.608		
21,700.00	7,794.00	7,631.00	7,631.00	457.39	133.01	-90.00	-2,998.77	-13,958.86	4,460.33	4,116.30	344.03	12.965		
21,800.00	7,794.00	7,631.00	7,631.00	460.06	133.01	-90.00	-2,998.77	-13,958.86	4,552.61	4,210.93	341.68	13.324		
21,900.00	7,794.00	7,631.00	7,631.00	462.73	133.01	-90.00	-2,998.77	-13,958.86	4,645.20	4,305.79	339.41	13.686		
22,000.00	7,794.00	7,631.00	7,631.00	465.39	133.01	-90.00	-2,998.77	-13,958.86	4,738.10	4,400.88	337.22	14.050		
22,100.00	7,794.00	7,631.00	7,631.00	468.06	133.01	-90.00	-2,998.77	-13,958.86	4,831.29	4,496.17	335.11	14.417		
22,200.00	7,794.00	7,631.00	7,631.00	470.73	133.01	-90.00	-2,998.77	-13,958.86	4,924.74	4,591.66	333.08	14.786		
22,300.00	7,794.00	7,631.00	7,631.00	473.40	133.01	-90.00	-2,998.77	-13,958.86	5,018.44	4,687.33	331.11	15.157		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - ABND VERT GRIMM 16-25 - OWB - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-INC-ONLY													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
22,400.00	7,794.00	7,631.00	7,631.00	476.06	133.01	-90.00	-2,998.77	-13,958.86	5,112.38	4,783.18	329.20	15.529		
22,500.00	7,794.00	7,631.00	7,631.00	478.73	133.01	-90.00	-2,998.77	-13,958.86	5,206.55	4,879.18	327.37	15.904		
22,600.00	7,794.00	7,631.00	7,631.00	481.40	133.01	-90.00	-2,998.77	-13,958.86	5,300.93	4,975.34	325.59	16.281		
22,700.00	7,794.00	7,631.00	7,631.00	484.07	133.01	-90.00	-2,998.77	-13,958.86	5,395.51	5,071.64	323.87	16.659		
22,800.00	7,794.00	7,631.00	7,631.00	486.74	133.01	-90.00	-2,998.77	-13,958.86	5,490.29	5,168.08	322.21	17.039		
22,900.00	7,794.00	7,631.00	7,631.00	489.41	133.01	-90.00	-2,998.77	-13,958.86	5,585.24	5,264.64	320.60	17.421		
23,000.00	7,794.00	7,631.00	7,631.00	492.08	133.01	-90.00	-2,998.77	-13,958.86	5,680.37	5,361.33	319.05	17.804		
23,100.00	7,794.00	7,631.00	7,631.00	494.75	133.01	-90.00	-2,998.77	-13,958.86	5,775.67	5,458.13	317.54	18.189		
23,200.00	7,794.00	7,631.00	7,631.00	497.42	133.01	-90.00	-2,998.77	-13,958.86	5,871.12	5,555.04	316.08	18.575		
23,300.00	7,794.00	7,631.00	7,631.00	500.09	133.01	-90.00	-2,998.77	-13,958.86	5,966.72	5,652.06	314.66	18.962		
23,400.00	7,794.00	7,631.00	7,631.00	502.76	133.01	-90.00	-2,998.77	-13,958.86	6,062.46	5,749.17	313.29	19.351		
23,500.00	7,794.00	7,631.00	7,631.00	505.43	133.01	-90.00	-2,998.77	-13,958.86	6,158.34	5,846.38	311.96	19.741		
23,600.00	7,794.00	7,631.00	7,631.00	508.10	133.01	-90.00	-2,998.77	-13,958.86	6,254.35	5,943.68	310.67	20.132		
23,700.00	7,794.00	7,631.00	7,631.00	510.78	133.01	-90.00	-2,998.77	-13,958.86	6,350.48	6,041.06	309.42	20.524		
23,800.00	7,794.00	7,631.00	7,631.00	513.45	133.01	-90.00	-2,998.77	-13,958.86	6,446.73	6,138.52	308.21	20.917		
23,900.00	7,794.00	7,631.00	7,631.00	516.12	133.01	-90.00	-2,998.77	-13,958.86	6,543.09	6,236.06	307.03	21.311		
24,000.00	7,794.00	7,631.00	7,631.00	518.79	133.01	-90.00	-2,998.77	-13,958.86	6,639.55	6,333.67	305.88	21.706		
24,100.00	7,794.00	7,631.00	7,631.00	521.47	133.01	-90.00	-2,998.77	-13,958.86	6,736.12	6,431.36	304.77	22.102		
24,200.00	7,794.00	7,631.00	7,631.00	524.14	133.01	-90.00	-2,998.77	-13,958.86	6,832.79	6,529.11	303.69	22.499		
24,300.00	7,794.00	7,631.00	7,631.00	526.81	133.01	-90.00	-2,998.77	-13,958.86	6,929.56	6,626.92	302.64	22.897		
24,400.00	7,794.00	7,631.00	7,631.00	529.49	133.01	-90.00	-2,998.77	-13,958.86	7,026.41	6,724.79	301.62	23.296		
24,500.00	7,794.00	7,631.00	7,631.00	532.16	133.01	-90.00	-2,998.77	-13,958.86	7,123.35	6,822.73	300.63	23.695		
24,600.00	7,794.00	7,631.00	7,631.00	534.84	133.01	-90.00	-2,998.77	-13,958.86	7,220.38	6,920.72	299.66	24.095		
24,700.00	7,794.00	7,631.00	7,631.00	537.51	133.01	-90.00	-2,998.77	-13,958.86	7,317.49	7,018.76	298.72	24.496		
24,800.00	7,794.00	7,631.00	7,631.00	540.19	133.01	-90.00	-2,998.77	-13,958.86	7,414.67	7,116.86	297.81	24.897		
24,900.00	7,794.00	7,631.00	7,631.00	542.86	133.01	-90.00	-2,998.77	-13,958.86	7,511.92	7,215.01	296.92	25.300		
25,000.00	7,794.00	7,631.00	7,631.00	545.54	133.01	-90.00	-2,998.77	-13,958.86	7,609.25	7,313.20	296.05	25.702		
25,100.00	7,794.00	7,631.00	7,631.00	548.21	133.01	-90.00	-2,998.77	-13,958.86	7,706.65	7,411.44	295.21	26.106		
25,200.00	7,794.00	7,631.00	7,631.00	550.89	133.01	-90.00	-2,998.77	-13,958.86	7,804.11	7,509.72	294.39	26.510		
25,300.00	7,794.00	7,631.00	7,631.00	553.56	133.01	-90.00	-2,998.77	-13,958.86	7,901.63	7,608.04	293.59	26.914		
25,400.00	7,794.00	7,631.00	7,631.00	556.24	133.01	-90.00	-2,998.77	-13,958.86	7,999.22	7,706.41	292.81	27.319		
25,500.00	7,794.00	7,631.00	7,631.00	558.92	133.01	-90.00	-2,998.77	-13,958.86	8,096.86	7,804.82	292.05	27.724		
25,600.00	7,794.00	7,631.00	7,631.00	561.59	133.01	-90.00	-2,998.77	-13,958.86	8,194.57	7,903.26	291.31	28.130		
25,700.00	7,794.00	7,631.00	7,631.00	564.27	133.01	-90.00	-2,998.77	-13,958.86	8,292.32	8,001.74	290.59	28.537		
25,800.00	7,794.00	7,631.00	7,631.00	566.95	133.01	-90.00	-2,998.77	-13,958.86	8,390.13	8,100.25	289.88	28.943		
25,900.00	7,794.00	7,631.00	7,631.00	569.62	133.01	-90.00	-2,998.77	-13,958.86	8,487.99	8,198.80	289.20	29.350		
26,000.00	7,794.00	7,631.00	7,631.00	572.30	133.01	-90.00	-2,998.77	-13,958.86	8,585.90	8,297.38	288.53	29.758		
26,100.00	7,794.00	7,631.00	7,631.00	574.98	133.01	-90.00	-2,998.77	-13,958.86	8,683.86	8,395.99	287.87	30.166		
26,200.00	7,794.00	7,631.00	7,631.00	577.66	133.01	-90.00	-2,998.77	-13,958.86	8,781.86	8,494.63	287.23	30.574		
26,300.00	7,794.00	7,631.00	7,631.00	580.33	133.01	-90.00	-2,998.77	-13,958.86	8,879.91	8,593.30	286.61	30.982		
26,400.00	7,794.00	7,631.00	7,631.00	583.01	133.01	-90.00	-2,998.77	-13,958.86	8,978.00	8,692.00	286.00	31.391		
26,500.00	7,794.00	7,631.00	7,631.00	585.69	133.01	-90.00	-2,998.77	-13,958.86	9,076.14	8,790.73	285.41	31.800		
26,600.00	7,794.00	7,631.00	7,631.00	588.37	133.01	-90.00	-2,998.77	-13,958.86	9,174.31	8,889.48	284.83	32.210		
26,700.00	7,794.00	7,631.00	7,631.00	591.05	133.01	-90.00	-2,998.77	-13,958.86	9,272.52	8,988.26	284.26	32.619		
26,800.00	7,794.00	7,631.00	7,631.00	593.73	133.01	-90.00	-2,998.77	-13,958.86	9,370.77	9,087.06	283.71	33.029		
26,900.00	7,794.00	7,631.00	7,631.00	596.40	133.01	-90.00	-2,998.77	-13,958.86	9,469.06	9,185.89	283.17	33.439		
26,932.55	7,794.00	7,631.00	7,631.00	597.28	133.01	-90.00	-2,998.77	-13,958.86	9,501.06	9,218.06	283.00	33.573		

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - BEAR 3-65 22-23 4BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3671-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	108.16	108.15	0.27	0.18	129.21	-1,766.09	2,164.63	2,794.32	2,793.87	0.45	6,227.335		
200.00	200.00	264.91	264.70	0.63	0.55	129.10	-1,758.50	2,163.82	2,790.67	2,789.49	1.17	2,375.474		
300.00	300.00	440.57	439.80	0.99	1.21	128.89	-1,744.90	2,163.08	2,785.68	2,783.49	2.19	1,272.116		
400.00	400.00	641.46	638.22	1.34	2.06	128.36	-1,713.93	2,165.24	2,776.59	2,773.22	3.36	825.189		
500.00	500.00	1,023.30	1,005.40	1.70	4.11	126.57	-1,611.07	2,172.06	2,760.97	2,755.37	5.61	492.410		
600.00	599.98	1,121.29	1,097.32	2.05	4.73	-135.75	-1,577.16	2,173.47	2,742.03	2,735.53	6.50	421.827		
700.00	699.84	1,218.75	1,188.06	2.40	5.38	-136.70	-1,541.71	2,176.21	2,725.87	2,718.45	7.42	367.315		
800.00	799.45	1,470.99	1,418.06	2.76	7.22	-139.12	-1,438.54	2,182.99	2,710.07	2,700.67	9.40	288.250		
900.00	898.70	1,621.29	1,552.39	3.13	8.40	-140.79	-1,371.14	2,183.14	2,693.04	2,682.23	10.81	249.167		
1,000.00	997.47	1,701.52	1,623.88	3.53	9.05	-141.79	-1,334.75	2,182.97	2,679.24	2,667.45	11.78	227.378		
1,100.00	1,095.62	1,771.88	1,686.67	3.95	9.61	-142.67	-1,303.01	2,183.04	2,669.38	2,656.66	12.72	209.857		
1,200.00	1,193.06	1,919.62	1,817.04	4.41	10.84	-144.45	-1,233.58	2,184.14	2,662.95	2,648.69	14.26	186.798		
1,300.00	1,289.64	2,009.45	1,894.27	4.91	11.64	-145.64	-1,187.71	2,185.57	2,658.93	2,643.47	15.46	171.989		
1,342.88	1,330.77	2,038.62	1,919.16	5.14	11.91	-146.03	-1,172.51	2,186.25	2,658.50	2,642.58	15.92	166.963 CC, ES		
1,400.00	1,385.27	2,076.80	1,951.64	5.45	12.25	-146.54	-1,152.48	2,187.32	2,659.27	2,642.73	16.54	160.810		
1,500.00	1,479.82	2,148.05	2,012.27	6.04	12.90	-147.46	-1,115.11	2,189.51	2,664.27	2,646.60	17.67	150.770		
1,600.00	1,573.17	2,206.54	2,062.40	6.69	13.43	-148.17	-1,085.02	2,191.12	2,673.96	2,655.24	18.72	142.848		
1,700.00	1,665.21	2,250.93	2,100.76	7.39	13.82	-148.63	-1,062.75	2,192.56	2,688.91	2,669.25	19.66	136.749		
1,800.00	1,755.84	2,318.39	2,159.58	8.16	14.41	-149.37	-1,029.80	2,195.01	2,709.05	2,688.26	20.80	130.267		
1,900.00	1,844.94	2,397.43	2,228.93	9.00	15.08	-150.23	-991.94	2,197.06	2,733.22	2,711.20	22.02	124.148		
2,000.00	1,932.39	2,447.93	2,273.91	9.91	15.50	-150.64	-969.01	2,198.10	2,762.16	2,739.15	23.01	120.052		
2,100.00	2,018.11	2,528.77	2,346.82	10.89	16.14	-151.41	-934.11	2,199.38	2,795.65	2,771.44	24.21	115.475		
2,200.00	2,101.97	2,611.45	2,421.39	11.94	16.80	-152.19	-898.41	2,200.17	2,832.82	2,807.39	25.43	111.398		
2,300.00	2,183.88	2,682.64	2,484.77	13.08	17.39	-152.81	-866.02	2,201.33	2,873.96	2,847.38	26.58	108.115		
2,400.00	2,263.74	2,747.90	2,541.95	14.28	17.95	-153.36	-834.61	2,202.96	2,919.16	2,891.45	27.70	105.369		
2,500.00	2,341.45	2,799.12	2,586.49	15.57	18.40	-153.67	-809.38	2,204.51	2,968.52	2,939.80	28.72	103.377		
2,600.00	2,416.92	2,940.00	2,709.20	16.93	19.64	-155.39	-740.26	2,207.68	3,021.81	2,991.38	30.44	99.285		
2,700.00	2,490.05	2,996.04	2,757.85	18.37	20.13	-155.74	-712.45	2,207.89	3,077.40	3,045.94	31.46	97.817		
2,800.00	2,560.76	3,042.76	2,798.57	19.88	20.54	-155.90	-689.54	2,208.17	3,136.90	3,104.51	32.39	96.837		
2,900.00	2,628.95	3,088.09	2,838.11	21.48	20.94	-156.00	-667.38	2,208.54	3,200.09	3,166.80	33.29	96.116		
3,000.00	2,694.55	3,133.34	2,877.57	23.15	21.33	-156.06	-645.25	2,209.04	3,266.79	3,232.62	34.17	95.599		
3,100.00	2,757.48	3,226.90	2,959.84	24.89	22.14	-156.92	-600.69	2,209.26	3,336.39	3,300.99	35.40	94.240 SF		
3,200.00	2,817.66	3,263.54	2,992.18	26.70	22.45	-156.75	-583.46	2,209.12	3,408.79	3,372.62	36.17	94.253		
3,300.00	2,875.03	3,298.62	3,022.96	28.58	22.76	-156.59	-566.65	2,209.14	3,484.16	3,447.26	36.90	94.433		
3,400.00	2,931.24	3,337.43	3,056.86	30.50	23.09	-157.32	-547.74	2,209.30	3,561.14	3,523.51	37.63	94.643		
3,500.00	2,987.46	3,385.10	3,098.48	32.43	23.51	-158.21	-524.51	2,209.47	3,638.71	3,600.30	38.41	94.721		
3,600.00	3,043.67	3,446.84	3,152.55	34.37	24.04	-159.32	-494.71	2,209.51	3,716.77	3,677.48	39.29	94.596		
3,700.00	3,099.88	3,523.75	3,220.90	36.32	24.66	-160.62	-459.46	2,208.76	3,794.98	3,754.73	40.24	94.306		
3,800.00	3,156.09	3,580.65	3,272.02	38.27	25.04	-161.52	-434.49	2,207.83	3,873.42	3,832.47	40.95	94.586		
3,900.00	3,212.31	3,639.66	3,325.43	40.23	25.43	-162.42	-409.42	2,206.63	3,952.16	3,910.49	41.67	94.848		
4,000.00	3,268.52	3,671.00	3,353.95	42.20	25.64	-162.88	-396.45	2,205.90	4,031.21	3,989.01	42.20	95.521		
4,100.00	3,324.73	3,717.45	3,396.12	44.17	25.88	-163.56	-376.99	2,204.93	4,110.68	4,067.92	42.76	96.129		
4,200.00	3,380.94	3,747.47	3,423.17	46.15	26.05	-163.99	-363.98	2,204.47	4,190.73	4,147.50	43.22	96.952		
4,300.00	3,437.16	3,766.00	3,439.78	48.12	26.14	-164.26	-355.79	2,204.25	4,271.32	4,227.70	43.62	97.932		
4,400.00	3,493.37	3,766.00	3,439.78	50.11	26.14	-164.26	-355.79	2,204.25	4,352.65	4,308.75	43.90	99.160		
4,500.00	3,549.58	3,800.20	3,470.40	52.09	26.34	-164.75	-340.54	2,204.17	4,434.33	4,389.97	44.36	99.969		
4,600.00	3,605.79	3,814.04	3,482.78	54.08	26.42	-164.95	-334.36	2,204.31	4,516.74	4,472.05	44.69	101.061		
4,700.00	3,662.01	3,860.00	3,523.88	56.07	26.68	-165.59	-313.82	2,205.41	4,600.10	4,554.89	45.21	101.755		
4,800.00	3,718.22	3,860.00	3,523.88	58.06	26.68	-165.59	-313.82	2,205.41	4,683.39	4,637.94	45.44	103.060		
4,900.00	3,774.43	3,860.00	3,523.88	60.05	26.68	-165.59	-313.82	2,205.41	4,767.31	4,721.65	45.67	104.390		
5,000.00	3,830.65	3,860.00	3,523.88	62.04	26.68	-165.59	-313.82	2,205.41	4,851.85	4,805.97	45.88	105.745		
5,100.00	3,886.86	3,888.35	3,549.15	64.04	26.85	-165.99	-301.02	2,206.50	4,936.79	4,890.52	46.27	106.695		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3671-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	3,906.76	3,565.48	66.03	26.96	-166.24	-292.57	2,207.30	5,022.15	4,975.56	46.59	107.802		
5,300.00	3,999.28	3,924.64	3,581.29	68.03	27.07	-166.49	-284.26	2,208.16	5,107.89	5,061.00	46.89	108.927		
5,400.00	4,055.50	3,954.00	3,607.13	70.03	27.25	-166.89	-270.40	2,209.72	5,194.05	5,146.78	47.27	109.887		
5,500.00	4,111.71	3,954.00	3,607.13	72.03	27.25	-166.89	-270.40	2,209.72	5,280.50	5,233.06	47.44	111.298		
5,600.00	4,167.92	3,989.63	3,638.26	74.03	27.48	-167.38	-253.20	2,211.75	5,367.26	5,319.40	47.87	112.129		
5,700.00	4,224.13	4,016.33	3,661.44	76.03	27.66	-167.75	-240.03	2,213.32	5,454.30	5,406.08	48.22	113.110		
5,800.00	4,280.35	4,049.00	3,689.60	78.03	27.87	-168.20	-223.58	2,215.27	5,541.59	5,492.98	48.61	113.995		
5,900.00	4,336.56	4,141.28	3,769.50	80.04	28.50	-169.41	-177.73	2,220.47	5,628.96	5,579.50	49.45	113.827		
6,000.00	4,392.77	4,186.76	3,809.09	82.04	28.81	-169.98	-155.45	2,222.76	5,716.18	5,666.22	49.96	114.420		
6,100.00	4,448.98	4,229.62	3,846.09	84.04	29.10	-170.52	-133.91	2,224.83	5,803.52	5,753.08	50.44	115.056		
6,200.00	4,505.20	4,238.00	3,853.28	86.05	29.16	-170.63	-129.63	2,225.22	5,891.09	5,840.43	50.65	116.299		
6,300.00	4,561.41	4,286.07	3,894.63	88.05	29.50	-171.22	-105.24	2,227.57	5,978.76	5,927.57	51.18	116.808		
6,400.00	4,617.62	4,312.69	3,917.62	90.06	29.68	-171.54	-91.88	2,228.96	6,066.69	6,015.15	51.54	117.700		
6,500.00	4,673.83	4,339.28	3,940.64	92.07	29.87	-171.85	-78.65	2,230.42	6,154.84	6,102.93	51.90	118.585		
6,600.00	4,730.05	4,365.83	3,963.68	94.07	30.06	-172.16	-65.54	2,231.94	6,243.17	6,190.91	52.26	119.461		
6,700.00	4,786.26	4,392.35	3,986.75	96.08	30.24	-172.46	-52.57	2,233.52	6,331.70	6,279.08	52.62	120.328		
6,800.00	4,842.47	4,427.00	4,016.98	98.09	30.48	-172.84	-35.78	2,235.69	6,420.41	6,367.36	53.05	121.026		
6,900.00	4,898.68	4,588.79	4,160.59	100.09	31.56	-174.47	38.17	2,244.61	6,508.59	6,454.02	54.57	119.270		
7,000.00	4,954.90	4,725.13	4,281.04	102.10	32.49	-175.77	101.80	2,249.69	6,596.29	6,540.36	55.93	117.931		
7,100.00	5,011.11	4,750.10	4,302.90	104.11	32.68	-176.01	113.87	2,250.46	6,684.01	6,627.70	56.31	118.699		
7,200.00	5,067.32	4,840.27	4,381.82	106.12	33.32	-176.84	157.39	2,253.02	6,771.82	6,714.51	57.31	118.166		
7,300.00	5,123.53	4,944.07	4,473.87	108.13	34.04	-177.72	205.26	2,255.44	6,859.33	6,800.89	58.44	117.374		
7,400.00	5,179.75	4,986.34	4,511.97	110.14	34.32	-178.04	223.54	2,256.42	6,946.65	6,887.66	58.98	117.772		
7,500.00	5,235.96	5,017.91	4,540.52	112.15	34.54	-178.28	236.99	2,257.21	7,034.07	6,974.64	59.43	118.361		
7,600.00	5,292.17	5,045.82	4,565.65	114.16	34.72	-178.49	249.09	2,257.93	7,121.65	7,061.81	59.84	119.015		
7,700.00	5,348.38	5,090.00	4,605.23	116.17	35.02	-178.82	268.69	2,259.11	7,209.41	7,149.01	60.41	119.346		
7,800.00	5,404.60	5,114.36	4,626.97	118.18	35.19	-179.01	279.65	2,259.76	7,297.26	7,236.47	60.79	120.042		
7,900.00	5,460.81	5,178.78	4,684.43	120.19	35.64	-179.48	308.74	2,261.33	7,385.12	7,323.54	61.58	119.920		
8,000.00	5,517.02	5,255.79	4,752.89	122.20	36.19	179.96	343.99	2,262.83	7,472.88	7,410.35	62.53	119.510		
8,100.00	5,573.24	5,279.00	4,773.43	124.21	36.35	179.79	354.78	2,263.17	7,560.61	7,497.70	62.91	120.182		
8,200.00	5,629.45	5,314.26	4,804.50	126.22	36.62	179.53	371.46	2,263.70	7,648.46	7,585.03	63.43	120.575		
8,300.00	5,685.66	5,334.40	4,822.14	128.23	36.77	179.38	381.17	2,264.04	7,736.52	7,672.73	63.79	121.284		
8,400.00	5,741.87	5,374.00	4,856.60	130.24	37.07	179.09	400.66	2,264.79	7,824.81	7,760.45	64.36	121.575		
8,500.00	5,798.09	5,374.00	4,856.60	132.25	37.07	179.09	400.66	2,264.79	7,913.18	7,848.69	64.49	122.701		
8,600.00	5,854.30	5,374.00	4,856.60	134.26	37.07	179.09	400.66	2,264.79	8,001.82	7,937.20	64.62	123.830		
8,700.00	5,910.51	5,415.86	4,892.68	136.28	37.40	178.78	421.86	2,265.68	8,090.51	8,025.27	65.24	124.010		
8,800.00	5,966.72	5,436.45	4,910.30	138.29	37.57	178.62	432.50	2,266.14	8,179.42	8,113.80	65.61	124.664		
8,900.00	6,022.94	5,513.89	4,976.45	140.30	38.19	178.05	472.72	2,267.77	8,268.37	8,201.70	66.67	124.022		
9,000.00	6,079.15	5,598.47	5,049.36	142.31	38.87	177.45	515.55	2,269.34	8,357.14	8,289.32	67.82	123.222		
9,100.00	6,135.36	5,622.15	5,069.94	144.32	39.05	177.30	527.25	2,269.82	8,445.91	8,377.67	68.24	123.773		
9,200.00	6,191.57	5,790.07	5,216.53	146.34	40.36	176.23	609.11	2,272.05	8,534.16	8,463.73	70.43	121.178		
9,300.00	6,247.79	5,805.38	5,229.93	148.35	40.48	176.14	616.52	2,272.20	8,622.51	8,551.76	70.75	121.875		
9,400.00	6,304.00	5,848.00	5,267.22	150.36	40.81	175.89	637.15	2,272.89	8,711.17	8,639.76	71.41	121.984		
9,500.00	6,360.21	5,848.00	5,267.22	152.37	40.81	175.89	637.15	2,272.89	8,799.78	8,728.24	71.54	122.999		
9,600.00	6,416.42	5,848.00	5,267.22	154.39	40.81	175.89	637.15	2,272.89	8,888.63	8,816.96	71.67	124.017		
9,700.00	6,472.64	5,848.00	5,267.22	156.40	40.81	175.89	637.15	2,272.89	8,977.72	8,905.92	71.80	125.036		
9,800.00	6,528.85	5,880.41	5,295.50	158.41	41.07	175.69	652.96	2,273.63	9,066.88	8,994.53	72.34	125.330		
9,900.00	6,585.06	5,895.14	5,308.31	160.42	41.18	175.61	660.21	2,274.02	9,156.24	9,083.58	72.66	126.013		
10,000.00	6,641.27	5,909.64	5,320.90	162.44	41.30	175.52	667.41	2,274.43	9,245.75	9,172.78	72.98	126.697		
10,100.00	6,697.49	5,942.00	5,348.89	164.45	41.56	175.33	683.61	2,275.45	9,335.46	9,261.94	73.52	126.977		
10,200.00	6,753.70	5,942.00	5,348.89	166.46	41.56	175.33	683.61	2,275.45	9,425.23	9,351.58	73.65	127.978		
10,300.00	6,809.91	5,999.32	5,398.52	168.48	42.02	175.00	712.22	2,277.39	9,515.11	9,440.59	74.53	127.677		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - BEAR 3-65 22-23 4BH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3671-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	6,068.29	5,458.65	170.49	42.56	174.61	745.92	2,279.69	9,604.89	9,529.33	75.56	127.116	
10,500.00	6,922.34	6,266.57	5,633.43	172.50	44.10	173.62	839.37	2,284.96	9,693.98	9,615.69	78.29	123.824	
10,600.00	6,978.55	6,284.56	5,649.37	174.52	44.23	173.53	847.69	2,285.38	9,783.14	9,704.48	78.66	124.377	
10,700.00	7,034.76	6,321.00	5,681.56	176.53	44.51	173.36	864.75	2,286.33	9,872.48	9,793.21	79.27	124.543	
10,800.00	7,090.98	6,321.00	5,681.56	178.54	44.51	173.36	864.75	2,286.33	9,961.87	9,882.47	79.40	125.461	
10,900.00	7,147.19	6,374.15	5,728.46	180.56	44.92	173.11	889.71	2,287.79	10,051.35	9,971.11	80.24	125.259	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	29.62	29.62	0.27	0.04	122.54	-2,029.13	3,180.32	3,772.51	3,772.20	0.31	N/A	
200.00	200.00	132.32	132.32	0.63	0.26	122.53	-2,028.88	3,180.42	3,772.46	3,771.57	0.89	4,246.838	
300.00	300.00	234.54	234.54	0.99	0.63	122.53	-2,028.43	3,180.56	3,772.33	3,770.72	1.61	2,338.625	
400.00	400.00	333.73	333.73	1.34	0.98	122.52	-2,027.81	3,180.78	3,772.19	3,769.86	2.33	1,621.064	
500.00	500.00	433.27	433.27	1.70	1.34	122.51	-2,027.19	3,181.05	3,772.08	3,769.04	3.04	1,239.930	
504.45	504.45	437.76	437.75	1.72	1.36	-138.92	-2,027.16	3,181.06	3,772.07	3,769.00	3.07	1,227.173 CC, ES	
600.00	599.98	535.28	535.27	2.05	1.71	-138.93	-2,026.57	3,181.28	3,773.26	3,769.50	3.76	1,004.344	
700.00	699.84	636.85	636.84	2.40	2.07	-138.94	-2,026.00	3,181.41	3,777.01	3,772.55	4.47	845.438	
800.00	799.45	732.19	732.18	2.76	2.41	-138.95	-2,025.54	3,181.51	3,783.43	3,778.27	5.16	732.646	
900.00	898.70	843.26	843.25	3.13	2.81	-138.97	-2,025.02	3,181.55	3,792.44	3,786.51	5.92	640.109	
1,000.00	997.47	945.46	945.45	3.53	3.17	-138.98	-2,024.56	3,181.29	3,803.85	3,797.19	6.66	571.008	
1,100.00	1,095.62	1,043.77	1,043.76	3.95	3.52	-138.99	-2,024.15	3,180.95	3,817.85	3,810.45	7.40	516.083	
1,200.00	1,193.06	1,136.62	1,136.60	4.41	3.84	-138.97	-2,023.90	3,180.64	3,834.58	3,826.45	8.13	471.634	
1,300.00	1,289.64	1,232.83	1,232.81	4.91	4.18	-138.96	-2,023.64	3,180.38	3,854.02	3,845.13	8.90	433.270	
1,400.00	1,385.27	1,329.00	1,328.98	5.45	4.52	-138.95	-2,023.35	3,180.14	3,876.12	3,866.44	9.68	400.373	
1,500.00	1,479.82	1,423.01	1,422.99	6.04	4.85	-138.91	-2,023.27	3,179.77	3,900.87	3,890.39	10.48	372.234	
1,600.00	1,573.17	1,520.79	1,520.78	6.69	5.19	-138.89	-2,023.10	3,179.46	3,928.30	3,916.98	11.32	347.078	
1,700.00	1,665.21	1,619.79	1,619.77	7.39	5.55	-138.87	-2,022.69	3,179.00	3,958.16	3,945.97	12.19	324.675	
1,800.00	1,755.84	1,712.17	1,712.15	8.16	5.88	-138.81	-2,022.28	3,178.54	3,990.64	3,977.57	13.07	305.383	
1,900.00	1,844.94	1,795.20	1,795.18	9.00	6.17	-138.69	-2,021.96	3,178.09	4,025.78	4,011.84	13.94	288.837	
2,000.00	1,932.39	1,877.21	1,877.18	9.91	6.46	-138.56	-2,021.64	3,177.90	4,063.79	4,048.96	14.83	273.982	
2,100.00	2,018.11	1,969.07	1,969.04	10.89	6.79	-138.45	-2,021.39	3,177.53	4,104.36	4,088.57	15.79	259.916	
2,200.00	2,101.97	2,054.14	2,054.12	11.94	7.09	-138.29	-2,021.17	3,177.12	4,147.50	4,130.75	16.75	247.595	
2,300.00	2,183.88	2,135.03	2,135.00	13.08	7.38	-138.08	-2,020.98	3,176.72	4,193.24	4,175.52	17.72	236.615	
2,400.00	2,263.74	2,205.50	2,205.47	14.28	7.63	-137.78	-2,020.84	3,176.44	4,241.64	4,222.97	18.68	227.091	
2,500.00	2,341.45	2,272.50	2,272.47	15.57	7.87	-137.42	-2,020.78	3,176.35	4,292.82	4,273.17	19.64	218.532	
2,600.00	2,416.92	2,345.46	2,345.43	16.93	8.13	-137.07	-2,020.73	3,176.36	4,346.60	4,325.95	20.65	210.463	
2,700.00	2,490.05	2,424.50	2,424.47	18.37	8.40	-136.72	-2,020.68	3,176.35	4,402.84	4,381.13	21.70	202.852	
2,800.00	2,560.76	2,494.26	2,494.23	19.88	8.65	-136.27	-2,020.61	3,176.27	4,461.43	4,438.69	22.74	196.201	
2,900.00	2,628.95	2,558.98	2,558.95	21.48	8.88	-135.73	-2,020.55	3,176.26	4,522.46	4,498.69	23.77	190.268	
3,000.00	2,694.55	2,624.54	2,624.51	23.15	9.11	-135.14	-2,020.49	3,176.27	4,585.83	4,561.02	24.82	184.800	
3,100.00	2,757.48	2,691.18	2,691.15	24.89	9.35	-134.51	-2,020.44	3,176.26	4,651.45	4,625.57	25.88	179.752	
3,200.00	2,817.66	2,753.99	2,753.96	26.70	9.58	-133.79	-2,020.37	3,176.19	4,719.21	4,692.28	26.93	175.238	
3,300.00	2,875.03	2,810.69	2,810.66	28.58	9.78	-133.08	-2,020.34	3,176.11	4,789.09	4,761.13	27.96	171.266	
3,400.00	2,931.24	2,862.17	2,862.14	30.50	9.95	-133.61	-2,020.35	3,176.05	4,860.06	4,831.10	28.96	167.815	
3,500.00	2,987.46	2,911.91	2,911.88	32.43	10.12	-134.10	-2,020.36	3,176.06	4,931.47	4,901.53	29.94	164.721	
3,600.00	3,043.67	2,971.56	2,971.53	34.37	10.33	-134.69	-2,020.35	3,176.12	5,003.26	4,972.31	30.95	161.664	
3,700.00	3,099.88	3,031.68	3,031.65	36.32	10.54	-135.26	-2,020.30	3,176.12	5,075.31	5,043.36	31.95	158.848	
3,800.00	3,156.09	3,087.35	3,087.32	38.27	10.74	-135.79	-2,020.24	3,176.11	5,147.68	5,114.76	32.93	156.344	
3,900.00	3,212.31	3,139.83	3,139.80	40.23	10.92	-136.27	-2,020.18	3,176.12	5,220.38	5,186.51	33.87	154.130	
4,000.00	3,268.52	3,190.18	3,190.15	42.20	11.10	-136.73	-2,020.14	3,176.18	5,293.42	5,258.63	34.79	152.151	
4,100.00	3,324.73	3,247.57	3,247.54	44.17	11.29	-137.25	-2,020.13	3,176.27	5,366.78	5,331.06	35.72	150.225	
4,200.00	3,380.94	3,307.07	3,307.04	46.15	11.50	-137.77	-2,020.14	3,176.32	5,440.37	5,403.72	36.66	148.420	
4,300.00	3,437.16	3,362.72	3,362.69	48.12	11.69	-138.24	-2,020.13	3,176.36	5,514.22	5,476.66	37.56	146.817	
4,400.00	3,493.37	3,414.60	3,414.57	50.11	11.86	-138.68	-2,020.10	3,176.41	5,588.32	5,549.89	38.43	145.404	
4,500.00	3,549.58	3,461.88	3,461.85	52.09	12.03	-139.07	-2,020.09	3,176.52	5,662.74	5,623.47	39.27	144.182	
4,600.00	3,605.79	3,528.34	3,528.30	54.08	12.25	-139.62	-2,020.14	3,176.70	5,737.43	5,697.24	40.19	142.751	
4,700.00	3,662.01	3,607.75	3,607.72	56.07	12.52	-140.24	-2,020.37	3,176.53	5,812.10	5,770.95	41.16	141.209	
4,800.00	3,718.22	3,672.95	3,672.92	58.06	12.75	-140.75	-2,020.56	3,176.22	5,886.86	5,844.81	42.05	139.989	
4,900.00	3,774.43	3,722.11	3,722.07	60.05	12.92	-141.12	-2,020.65	3,176.00	5,961.81	5,918.95	42.86	139.091	
5,000.00	3,830.65	3,770.00	3,769.97	62.04	13.08	-141.48	-2,020.67	3,175.88	6,037.03	5,993.38	43.66	138.287	
5,100.00	3,886.86	3,826.20	3,826.16	64.04	13.28	-141.89	-2,020.63	3,175.79	6,112.49	6,068.00	44.48	137.417	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,943.07	3,880.37	3,880.33	66.03	13.47	-142.28	-2,020.58	3,175.71	6,188.13	6,142.84	45.29	136.642		
5,300.00	3,999.28	3,930.39	3,930.36	68.03	13.65	-142.64	-2,020.53	3,175.68	6,263.99	6,217.93	46.06	135.987		
5,400.00	4,055.50	3,983.03	3,982.99	70.03	13.84	-143.01	-2,020.48	3,175.70	6,340.07	6,293.23	46.84	135.347		
5,500.00	4,111.71	4,039.30	4,039.26	72.03	14.04	-143.40	-2,020.41	3,175.73	6,416.33	6,368.70	47.63	134.706		
5,600.00	4,167.92	4,091.85	4,091.82	74.03	14.22	-143.75	-2,020.32	3,175.78	6,492.76	6,444.36	48.39	134.166		
5,700.00	4,224.13	4,143.10	4,143.06	76.03	14.40	-144.10	-2,020.20	3,175.86	6,569.38	6,520.24	49.14	133.688		
5,800.00	4,280.35	4,204.22	4,204.19	78.03	14.62	-144.50	-2,020.06	3,175.98	6,646.15	6,596.22	49.93	133.114		
5,900.00	4,336.56	4,264.92	4,264.89	80.04	14.83	-144.89	-2,019.93	3,176.03	6,723.02	6,672.31	50.71	132.582		
6,000.00	4,392.77	7,201.73	7,069.24	82.04	27.83	-160.92	-1,552.81	2,669.02	6,792.50	6,731.62	60.88	111.576		
6,100.00	4,448.98	7,225.15	7,089.59	84.04	27.99	-161.06	-1,544.03	2,661.46	6,842.07	6,780.46	61.61	111.050		
6,200.00	4,505.20	7,264.00	7,123.41	86.05	28.26	-161.28	-1,529.26	2,649.33	6,892.56	6,830.20	62.37	110.516		
6,300.00	4,561.41	7,264.00	7,123.41	88.05	28.26	-161.28	-1,529.26	2,649.33	6,943.80	6,880.77	63.02	110.181		
6,400.00	4,617.62	7,264.00	7,123.41	90.06	28.26	-161.28	-1,529.26	2,649.33	6,996.08	6,932.42	63.66	109.898		
6,500.00	4,673.83	7,264.00	7,123.41	92.07	28.26	-161.28	-1,529.26	2,649.33	7,049.40	6,985.12	64.28	109.664		
6,600.00	4,730.05	7,264.00	7,123.41	94.07	28.26	-161.28	-1,529.26	2,649.33	7,103.73	7,038.84	64.89	109.479		
6,700.00	4,786.26	7,264.00	7,123.41	96.08	28.26	-161.28	-1,529.26	2,649.33	7,159.04	7,093.56	65.48	109.338		
6,800.00	4,842.47	7,264.00	7,123.41	98.09	28.26	-161.28	-1,529.26	2,649.33	7,215.31	7,149.26	66.05	109.240		
6,900.00	4,898.68	7,264.00	7,123.41	100.09	28.26	-161.28	-1,529.26	2,649.33	7,272.52	7,205.92	66.61	109.183		
7,000.00	4,954.90	7,264.00	7,123.41	102.10	28.26	-161.28	-1,529.26	2,649.33	7,330.65	7,263.50	67.15	109.164 SF		
7,100.00	5,011.11	7,264.00	7,123.41	104.11	28.26	-161.28	-1,529.26	2,649.33	7,389.68	7,322.00	67.68	109.183		
7,200.00	5,067.32	7,264.00	7,123.41	106.12	28.26	-161.28	-1,529.26	2,649.33	7,449.58	7,381.39	68.20	109.237		
7,300.00	5,123.53	7,264.00	7,123.41	108.13	28.26	-161.28	-1,529.26	2,649.33	7,510.34	7,441.64	68.70	109.325		
7,400.00	5,179.75	7,264.00	7,123.41	110.14	28.26	-161.28	-1,529.26	2,649.33	7,571.92	7,502.74	69.18	109.446		
7,500.00	5,235.96	7,311.69	7,165.73	112.15	28.56	-161.55	-1,511.04	2,637.14	7,631.66	7,561.85	69.81	109.325		
7,600.00	5,292.17	7,359.00	7,208.92	114.16	28.86	-161.82	-1,493.20	2,629.88	7,696.71	7,626.29	70.42	109.297		
7,700.00	5,348.38	7,359.00	7,208.92	116.17	28.86	-161.82	-1,493.20	2,629.88	7,759.91	7,689.04	70.88	109.487		
7,800.00	5,404.60	7,359.00	7,208.92	118.18	28.86	-161.82	-1,493.20	2,629.88	7,823.89	7,752.57	71.32	109.705		
7,900.00	5,460.81	7,359.00	7,208.92	120.19	28.86	-161.82	-1,493.20	2,629.88	7,888.61	7,816.86	71.75	109.948		
8,000.00	5,517.02	7,359.00	7,208.92	122.20	28.86	-161.82	-1,493.20	2,629.88	7,954.07	7,881.90	72.17	110.217		
8,100.00	5,573.24	7,359.00	7,208.92	124.21	28.86	-161.82	-1,493.20	2,629.88	8,020.24	7,947.66	72.58	110.509		
8,200.00	5,629.45	7,359.00	7,208.92	126.22	28.86	-161.82	-1,493.20	2,629.88	8,087.10	8,014.13	72.97	110.825		
8,300.00	5,685.66	7,359.00	7,208.92	128.23	28.86	-161.82	-1,493.20	2,629.88	8,154.64	8,081.28	73.36	111.162		
8,400.00	5,741.87	7,359.00	7,208.92	130.24	28.86	-161.82	-1,493.20	2,629.88	8,222.84	8,149.11	73.73	111.520		
8,500.00	5,798.09	7,359.00	7,208.92	132.25	28.86	-161.82	-1,493.20	2,629.88	8,291.69	8,217.59	74.10	111.898		
8,600.00	5,854.30	7,359.00	7,208.92	134.26	28.86	-161.82	-1,493.20	2,629.88	8,361.16	8,286.71	74.46	112.296		
8,700.00	5,910.51	7,359.00	7,208.92	136.28	28.86	-161.82	-1,493.20	2,629.88	8,431.25	8,356.45	74.80	112.712		
8,800.00	5,966.72	7,359.00	7,208.92	138.29	28.86	-161.82	-1,493.20	2,629.88	8,501.94	8,426.80	75.14	113.145		
8,900.00	6,022.94	7,359.00	7,208.92	140.30	28.86	-161.82	-1,493.20	2,629.88	8,573.21	8,497.74	75.47	113.596		
9,000.00	6,079.15	7,359.00	7,208.92	142.31	28.86	-161.82	-1,493.20	2,629.88	8,645.06	8,569.26	75.79	114.062		
9,100.00	6,135.36	7,359.00	7,208.92	144.32	28.86	-161.82	-1,493.20	2,629.88	8,717.45	8,641.35	76.11	114.545		
9,200.00	6,191.57	7,359.00	7,208.92	146.34	28.86	-161.82	-1,493.20	2,629.88	8,790.39	8,713.98	76.41	115.042		
9,300.00	6,247.79	7,359.00	7,208.92	148.35	28.86	-161.82	-1,493.20	2,629.88	8,863.85	8,787.15	76.71	115.553		
9,400.00	6,304.00	7,359.00	7,208.92	150.36	28.86	-161.82	-1,493.20	2,629.88	8,937.84	8,860.84	77.00	116.078		
9,500.00	6,360.21	7,359.00	7,208.92	152.37	28.86	-161.82	-1,493.20	2,629.88	9,012.32	8,935.04	77.28	116.617		
9,600.00	6,416.42	7,359.00	7,208.92	154.39	28.86	-161.82	-1,493.20	2,629.88	9,087.29	9,009.73	77.56	117.168		
9,700.00	6,472.64	7,359.00	7,208.92	156.40	28.86	-161.82	-1,493.20	2,629.88	9,162.74	9,084.91	77.83	117.730		
9,800.00	6,528.85	7,359.00	7,208.92	158.41	28.86	-161.82	-1,493.20	2,629.88	9,238.66	9,160.57	78.09	118.305		
9,900.00	6,585.06	7,359.00	7,208.92	160.42	28.86	-161.82	-1,493.20	2,629.88	9,315.03	9,236.68	78.35	118.890		
10,000.00	6,641.27	7,359.00	7,208.92	162.44	28.86	-161.82	-1,493.20	2,629.88	9,391.85	9,313.24	78.60	119.486		
10,100.00	6,697.49	7,359.00	7,208.92	164.45	28.86	-161.82	-1,493.20	2,629.88	9,469.10	9,390.25	78.85	120.092		
10,200.00	6,753.70	7,359.00	7,208.92	166.46	28.86	-161.82	-1,493.20	2,629.88	9,546.77	9,467.68	79.09	120.708		
10,300.00	6,809.91	7,405.38	7,251.56	168.48	29.09	-162.09	-1,475.23	2,626.79	9,623.14	9,543.61	79.52	121.008		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,866.12	7,408.55	7,254.45	170.49	29.11	-162.11	-1,473.95	2,626.70	9,701.38	9,621.61	79.77	121.616	
10,500.00	6,922.34	7,453.00	7,294.86	172.50	29.33	-162.37	-1,455.45	2,627.04	9,781.36	9,701.19	80.18	121.996	
10,600.00	6,978.55	7,453.00	7,294.86	174.52	29.33	-162.37	-1,455.45	2,627.04	9,860.17	9,779.76	80.40	122.634	
10,700.00	7,034.76	7,453.00	7,294.86	176.53	29.33	-162.37	-1,455.45	2,627.04	9,939.35	9,858.72	80.62	123.281	
10,800.00	7,090.98	7,453.00	7,294.86	178.54	29.33	-162.37	-1,455.45	2,627.04	10,018.90	9,938.06	80.84	123.936	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
100.00	100.00	31.46	31.46	0.27	0.02	123.05	-2,069.20	3,180.32	3,794.21	3,793.92	0.29	N/A	
179.86	179.86	109.87	109.87	0.56	0.30	123.05	-2,069.18	3,180.23	3,794.13	3,793.27	0.85	4,444.285 CC	
200.00	200.00	127.25	127.25	0.63	0.36	123.05	-2,069.21	3,180.22	3,794.13	3,793.15	0.99	3,846.263	
300.00	300.00	225.38	225.38	0.99	0.70	123.05	-2,069.49	3,180.21	3,794.28	3,792.59	1.69	2,246.141	
400.00	400.00	324.39	324.39	1.34	1.05	123.06	-2,069.76	3,180.18	3,794.40	3,792.00	2.40	1,581.568	
500.00	500.00	424.51	424.51	1.70	1.41	123.06	-2,070.09	3,180.15	3,794.55	3,791.44	3.12	1,218.154 ES	
600.00	599.98	519.03	519.03	2.05	1.75	-138.36	-2,070.34	3,180.21	3,796.06	3,792.26	3.80	999.329	
700.00	699.84	619.92	619.92	2.40	2.10	-138.35	-2,070.50	3,180.46	3,800.26	3,795.76	4.50	844.400	
800.00	799.45	721.26	721.26	2.76	2.46	-138.35	-2,070.63	3,180.66	3,807.03	3,801.81	5.21	730.188	
900.00	898.70	824.77	824.77	3.13	2.83	-138.35	-2,070.77	3,180.74	3,816.30	3,810.36	5.95	641.818	
1,000.00	997.47	919.45	919.45	3.53	3.17	-138.34	-2,070.91	3,180.83	3,828.21	3,821.55	6.66	574.804	
1,100.00	1,095.62	1,014.61	1,014.61	3.95	3.50	-138.33	-2,071.10	3,181.00	3,842.84	3,835.45	7.39	520.030	
1,200.00	1,193.06	1,111.50	1,111.49	4.41	3.85	-138.31	-2,071.31	3,181.20	3,860.12	3,851.98	8.14	474.085	
1,300.00	1,289.64	1,209.05	1,209.05	4.91	4.20	-138.29	-2,071.51	3,181.43	3,880.04	3,871.13	8.92	435.190	
1,400.00	1,385.27	1,311.19	1,311.19	5.45	4.56	-138.29	-2,071.59	3,181.61	3,902.49	3,892.76	9.72	401.331	
1,500.00	1,479.82	1,405.33	1,405.33	6.04	4.89	-138.25	-2,071.61	3,181.67	3,927.44	3,916.92	10.53	373.131	
1,600.00	1,573.17	1,495.08	1,495.07	6.69	5.21	-138.19	-2,071.79	3,181.74	3,955.14	3,943.80	11.34	348.759	
1,700.00	1,665.21	1,586.61	1,586.61	7.39	5.54	-138.13	-2,072.02	3,181.84	3,985.50	3,973.31	12.19	326.919	
1,800.00	1,755.84	1,678.45	1,678.44	8.16	5.86	-138.05	-2,072.24	3,181.92	4,018.49	4,005.42	13.07	307.452	
1,900.00	1,844.94	1,768.25	1,768.25	9.00	6.18	-137.95	-2,072.33	3,182.04	4,054.07	4,040.10	13.97	290.199	
2,000.00	1,932.39	1,853.92	1,853.92	9.91	6.49	-137.82	-2,072.39	3,182.19	4,092.27	4,077.39	14.88	274.986	
2,100.00	2,018.11	1,939.28	1,939.27	10.89	6.79	-137.67	-2,072.40	3,182.41	4,133.14	4,117.32	15.82	261.287	
2,200.00	2,101.97	2,027.37	2,027.36	11.94	7.10	-137.52	-2,072.33	3,182.60	4,176.52	4,159.73	16.79	248.743	
2,300.00	2,183.88	2,109.06	2,109.06	13.08	7.38	-137.31	-2,072.28	3,182.73	4,222.46	4,204.69	17.77	237.677	
2,400.00	2,263.74	2,194.39	2,194.39	14.28	7.68	-137.10	-2,072.18	3,182.87	4,270.93	4,252.15	18.78	227.435	
2,500.00	2,341.45	2,282.77	2,282.76	15.57	7.98	-136.89	-2,071.73	3,182.93	4,321.72	4,301.90	19.82	218.026	
2,600.00	2,416.92	2,356.29	2,356.28	16.93	8.23	-136.54	-2,071.49	3,182.85	4,374.97	4,354.14	20.83	210.043	
2,700.00	2,490.05	2,423.17	2,423.16	18.37	8.45	-136.11	-2,071.41	3,182.78	4,430.75	4,408.92	21.83	202.938	
2,800.00	2,560.76	2,492.42	2,492.41	19.88	8.69	-135.65	-2,071.35	3,182.78	4,489.03	4,466.17	22.87	196.314	
2,900.00	2,628.95	2,563.01	2,563.00	21.48	8.93	-135.15	-2,071.39	3,182.72	4,549.67	4,525.75	23.92	190.184	
3,000.00	2,694.55	2,633.30	2,633.29	23.15	9.17	-134.61	-2,071.32	3,182.65	4,612.57	4,587.58	24.99	184.578	
3,100.00	2,757.48	2,687.32	2,687.31	24.89	9.36	-133.87	-2,071.21	3,182.64	4,677.76	4,651.76	26.01	179.879	
3,200.00	2,817.66	2,740.87	2,740.87	26.70	9.54	-133.06	-2,071.15	3,182.72	4,745.27	4,718.24	27.03	175.578	
3,300.00	2,875.03	2,810.29	2,810.28	28.58	9.78	-132.48	-2,071.16	3,182.73	4,814.85	4,786.73	28.12	171.213	
3,400.00	2,931.24	2,871.87	2,871.86	30.50	9.99	-133.10	-2,071.20	3,182.60	4,885.38	4,856.21	29.17	167.456	
3,500.00	2,987.46	2,929.56	2,929.55	32.43	10.19	-133.67	-2,071.09	3,182.49	4,956.26	4,926.06	30.20	164.124	
3,600.00	3,043.67	2,980.05	2,980.04	34.37	10.36	-134.16	-2,071.05	3,182.41	5,027.52	4,996.34	31.18	161.235	
3,700.00	3,099.88	3,031.02	3,031.01	36.32	10.54	-134.65	-2,071.12	3,182.34	5,099.19	5,067.04	32.15	158.582	
3,800.00	3,156.09	3,082.63	3,082.62	38.27	10.72	-135.14	-2,071.14	3,182.34	5,171.24	5,138.12	33.12	156.141	
3,900.00	3,212.31	3,134.21	3,134.20	40.23	10.90	-135.62	-2,071.05	3,182.44	5,243.66	5,209.59	34.07	153.908	
4,000.00	3,268.52	3,185.98	3,185.97	42.20	11.08	-136.09	-2,071.01	3,182.56	5,316.43	5,281.42	35.01	151.857	
4,100.00	3,324.73	3,248.74	3,248.73	44.17	11.30	-136.65	-2,070.98	3,182.71	5,389.49	5,353.50	35.98	149.775	
4,200.00	3,380.94	3,310.22	3,310.21	46.15	11.52	-137.19	-2,070.90	3,182.75	5,462.72	5,425.78	36.94	147.881	
4,300.00	3,437.16	3,355.78	3,355.77	48.12	11.68	-137.59	-2,070.90	3,182.80	5,536.28	5,498.47	37.81	146.415	
4,400.00	3,493.37	3,407.42	3,407.41	50.11	11.86	-138.02	-2,071.01	3,182.92	5,610.19	5,571.49	38.70	144.967	
4,500.00	3,549.58	3,480.53	3,480.52	52.09	12.11	-138.63	-2,071.07	3,183.01	5,684.26	5,644.59	39.67	143.274	
4,600.00	3,605.79	3,550.03	3,550.02	54.08	12.35	-139.19	-2,070.94	3,182.95	5,758.42	5,717.80	40.62	141.777	
4,700.00	3,662.01	3,603.33	3,603.32	56.07	12.53	-139.62	-2,070.77	3,182.84	5,832.72	5,791.25	41.47	140.639	
4,800.00	3,718.22	3,644.81	3,644.80	58.06	12.68	-139.95	-2,070.64	3,182.86	5,907.37	5,865.10	42.26	139.773	
4,900.00	3,774.43	3,690.25	3,690.24	60.05	12.84	-140.30	-2,070.51	3,182.98	5,982.36	5,939.29	43.06	138.922	
5,000.00	3,830.65	3,746.04	3,746.03	62.04	13.03	-140.72	-2,070.44	3,183.14	6,057.59	6,013.69	43.90	137.978	
5,100.00	3,886.86	3,808.90	3,808.89	64.04	13.25	-141.19	-2,070.46	3,183.27	6,133.00	6,088.23	44.77	136.999	

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,943.07	3,875.58	3,875.57	66.03	13.49	-141.68	-2,070.36	3,183.32	6,208.50	6,162.86	45.64	136.038		
5,300.00	3,999.28	3,939.23	3,939.22	68.03	13.71	-142.14	-2,070.30	3,183.27	6,284.11	6,237.63	46.48	135.190		
5,400.00	4,055.50	3,990.75	3,990.74	70.03	13.88	-142.50	-2,070.32	3,183.19	6,359.87	6,312.61	47.26	134.563		
5,500.00	4,111.71	4,037.28	4,037.27	72.03	14.05	-142.82	-2,070.31	3,183.19	6,435.87	6,387.87	48.01	134.057		
5,600.00	4,167.92	4,104.05	4,104.04	74.03	14.28	-143.27	-2,070.27	3,183.22	6,512.07	6,463.22	48.85	133.320		
5,700.00	4,224.13	4,166.66	4,166.65	76.03	14.50	-143.69	-2,070.29	3,183.09	6,588.28	6,538.63	49.65	132.682		
5,800.00	4,280.35	4,211.98	4,211.96	78.03	14.65	-143.99	-2,070.25	3,183.05	6,664.71	6,614.34	50.37	132.319		
5,900.00	4,336.56	4,259.29	4,259.28	80.04	14.82	-144.29	-2,070.15	3,183.10	6,741.36	6,690.28	51.08	131.965		
6,000.00	4,392.77	4,310.25	4,310.24	82.04	15.00	-144.62	-2,070.07	3,183.19	6,818.22	6,766.41	51.81	131.594		
6,100.00	4,448.98	4,360.53	4,360.51	84.04	15.17	-144.93	-2,070.02	3,183.32	6,895.25	6,842.72	52.53	131.261		
6,200.00	4,505.20	7,263.00	7,156.15	86.05	27.21	-159.43	-1,741.37	2,684.73	6,970.40	6,907.36	63.04	110.563		
6,300.00	4,561.41	7,263.00	7,156.15	88.05	27.21	-159.43	-1,741.37	2,684.73	7,020.85	6,957.13	63.72	110.176		
6,400.00	4,617.62	7,263.00	7,156.15	90.06	27.21	-159.43	-1,741.37	2,684.73	7,072.36	7,007.97	64.39	109.841		
6,500.00	4,673.83	7,263.00	7,156.15	92.07	27.21	-159.43	-1,741.37	2,684.73	7,124.90	7,059.86	65.03	109.558		
6,600.00	4,730.05	7,263.00	7,156.15	94.07	27.21	-159.43	-1,741.37	2,684.73	7,178.44	7,112.78	65.66	109.322		
6,700.00	4,786.26	7,263.00	7,156.15	96.08	27.21	-159.43	-1,741.37	2,684.73	7,232.97	7,166.70	66.28	109.133		
6,800.00	4,842.47	7,308.77	7,197.90	98.09	27.47	-159.63	-1,730.91	2,669.22	7,286.19	7,219.19	67.00	108.750		
6,900.00	4,898.68	7,357.00	7,243.06	100.09	27.75	-159.86	-1,718.70	2,657.61	7,344.23	7,276.52	67.71	108.473		
7,000.00	4,954.90	7,357.00	7,243.06	102.10	27.75	-159.86	-1,718.70	2,657.61	7,400.67	7,332.39	68.28	108.387		
7,100.00	5,011.11	7,357.00	7,243.06	104.11	27.75	-159.86	-1,718.70	2,657.61	7,458.02	7,389.18	68.84	108.338		
7,200.00	5,067.32	7,357.00	7,243.06	106.12	27.75	-159.86	-1,718.70	2,657.61	7,516.27	7,446.89	69.39	108.327 SF		
7,300.00	5,123.53	7,357.00	7,243.06	108.13	27.75	-159.86	-1,718.70	2,657.61	7,575.39	7,505.48	69.92	108.350		
7,400.00	5,179.75	7,357.00	7,243.06	110.14	27.75	-159.86	-1,718.70	2,657.61	7,635.37	7,564.93	70.43	108.406		
7,500.00	5,235.96	7,357.00	7,243.06	112.15	27.75	-159.86	-1,718.70	2,657.61	7,696.17	7,625.23	70.94	108.495		
7,600.00	5,292.17	7,357.00	7,243.06	114.16	27.75	-159.86	-1,718.70	2,657.61	7,757.79	7,686.36	71.43	108.613		
7,700.00	5,348.38	7,357.00	7,243.06	116.17	27.75	-159.86	-1,718.70	2,657.61	7,820.20	7,748.29	71.90	108.761		
7,800.00	5,404.60	7,357.00	7,243.06	118.18	27.75	-159.86	-1,718.70	2,657.61	7,883.38	7,811.02	72.37	108.937		
7,900.00	5,460.81	7,357.00	7,243.06	120.19	27.75	-159.86	-1,718.70	2,657.61	7,947.32	7,874.50	72.82	109.139		
8,000.00	5,517.02	7,357.00	7,243.06	122.20	27.75	-159.86	-1,718.70	2,657.61	8,012.00	7,938.74	73.26	109.366		
8,100.00	5,573.24	7,357.00	7,243.06	124.21	27.75	-159.86	-1,718.70	2,657.61	8,077.40	8,003.71	73.69	109.618		
8,200.00	5,629.45	7,357.00	7,243.06	126.22	27.75	-159.86	-1,718.70	2,657.61	8,143.50	8,069.40	74.10	109.894		
8,300.00	5,685.66	7,357.00	7,243.06	128.23	27.75	-159.86	-1,718.70	2,657.61	8,210.29	8,135.78	74.51	110.191		
8,400.00	5,741.87	7,357.00	7,243.06	130.24	27.75	-159.86	-1,718.70	2,657.61	8,277.75	8,202.84	74.90	110.511		
8,500.00	5,798.09	7,357.00	7,243.06	132.25	27.75	-159.86	-1,718.70	2,657.61	8,345.86	8,270.57	75.29	110.850		
8,600.00	5,854.30	7,357.00	7,243.06	134.26	27.75	-159.86	-1,718.70	2,657.61	8,414.60	8,338.94	75.66	111.209		
8,700.00	5,910.51	7,357.00	7,243.06	136.28	27.75	-159.86	-1,718.70	2,657.61	8,483.97	8,407.94	76.03	111.588		
8,800.00	5,966.72	7,357.00	7,243.06	138.29	27.75	-159.86	-1,718.70	2,657.61	8,553.95	8,477.56	76.39	111.984		
8,900.00	6,022.94	7,357.00	7,243.06	140.30	27.75	-159.86	-1,718.70	2,657.61	8,624.51	8,547.78	76.73	112.397		
9,000.00	6,079.15	7,357.00	7,243.06	142.31	27.75	-159.86	-1,718.70	2,657.61	8,695.66	8,618.59	77.07	112.828		
9,100.00	6,135.36	7,357.00	7,243.06	144.32	27.75	-159.86	-1,718.70	2,657.61	8,767.36	8,689.96	77.40	113.274		
9,200.00	6,191.57	7,401.81	7,285.61	146.34	27.96	-160.08	-1,706.30	2,651.10	8,837.58	8,759.69	77.89	113.458		
9,300.00	6,247.79	7,405.02	7,288.67	148.35	27.98	-160.09	-1,705.37	2,650.79	8,910.07	8,831.85	78.22	113.910		
9,400.00	6,304.00	7,451.00	7,332.45	150.36	28.19	-160.33	-1,691.56	2,648.54	8,984.93	8,906.24	78.69	114.176		
9,500.00	6,360.21	7,451.00	7,332.45	152.37	28.19	-160.33	-1,691.56	2,648.54	9,058.17	8,979.17	79.00	114.665		
9,600.00	6,416.42	7,451.00	7,332.45	154.39	28.19	-160.33	-1,691.56	2,648.54	9,131.91	9,052.62	79.29	115.168		
9,700.00	6,472.64	7,451.00	7,332.45	156.40	28.19	-160.33	-1,691.56	2,648.54	9,206.15	9,126.56	79.58	115.683		
9,800.00	6,528.85	7,451.00	7,332.45	158.41	28.19	-160.33	-1,691.56	2,648.54	9,280.87	9,201.00	79.86	116.210		
9,900.00	6,585.06	7,451.00	7,332.45	160.42	28.19	-160.33	-1,691.56	2,648.54	9,356.06	9,275.92	80.14	116.749		
10,000.00	6,641.27	7,451.00	7,332.45	162.44	28.19	-160.33	-1,691.56	2,648.54	9,431.71	9,351.31	80.41	117.299		
10,100.00	6,697.49	7,451.00	7,332.45	164.45	28.19	-160.33	-1,691.56	2,648.54	9,507.82	9,427.15	80.67	117.860		
10,200.00	6,753.70	7,451.00	7,332.45	166.46	28.19	-160.33	-1,691.56	2,648.54	9,584.36	9,503.43	80.93	118.431		
10,300.00	6,809.91	7,451.00	7,332.45	168.48	28.19	-160.33	-1,691.56	2,648.54	9,661.33	9,580.15	81.18	119.012		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design		SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SURVEY										Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	6,866.12	7,451.00	7,332.45	170.49	28.19	-160.33	-1,691.56	2,648.54	9,738.72	9,657.29	81.43	119.602	
10,500.00	6,922.34	7,451.00	7,332.45	172.50	28.19	-160.33	-1,691.56	2,648.54	9,816.52	9,734.85	81.67	120.202	
10,600.00	6,978.55	7,451.00	7,332.45	174.52	28.19	-160.33	-1,691.56	2,648.54	9,894.72	9,812.81	81.90	120.810	
10,700.00	7,034.76	7,451.00	7,332.45	176.53	28.19	-160.33	-1,691.56	2,648.54	9,973.30	9,891.17	82.13	121.426	
10,800.00	7,090.98	7,451.00	7,332.45	178.54	28.19	-160.33	-1,691.56	2,648.54	10,052.27	9,969.91	82.36	122.050	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	39.25	39.25	0.27	0.05	123.55	-2,109.26	3,180.32	3,816.21	3,815.89	0.32	N/A		
200.00	200.00	141.00	141.00	0.63	0.42	123.55	-2,108.76	3,180.23	3,815.86	3,814.82	1.04	3,660.876		
300.00	300.00	235.48	235.48	0.99	0.75	123.54	-2,108.25	3,180.39	3,815.71	3,813.97	1.74	2,195.134		
400.00	400.00	336.16	336.16	1.34	1.11	123.53	-2,107.72	3,180.63	3,815.62	3,813.16	2.46	1,553.140		
500.00	500.00	436.90	436.89	1.70	1.47	123.52	-2,107.27	3,180.79	3,815.50	3,812.32	3.18	1,201.363		
504.96	504.96	441.87	441.86	1.72	1.49	-137.90	-2,107.25	3,180.80	3,815.50	3,812.29	3.21	1,188.215 CC, ES		
600.00	599.98	536.52	536.51	2.05	1.83	-137.91	-2,106.92	3,180.88	3,816.67	3,812.79	3.88	983.120		
700.00	699.84	638.15	638.14	2.40	2.19	-137.91	-2,106.65	3,180.89	3,820.42	3,815.83	4.59	831.839		
800.00	799.45	741.73	741.72	2.76	2.56	-137.92	-2,106.36	3,180.79	3,826.67	3,821.35	5.32	719.752		
900.00	898.70	838.02	838.01	3.13	2.91	-137.92	-2,106.16	3,180.64	3,835.50	3,829.48	6.02	636.793		
1,000.00	997.47	934.21	934.20	3.53	3.25	-137.92	-2,106.00	3,180.59	3,847.05	3,840.30	6.74	570.540		
1,100.00	1,095.62	1,031.04	1,031.03	3.95	3.59	-137.92	-2,105.83	3,180.56	3,861.20	3,853.72	7.48	516.211		
1,200.00	1,193.06	1,126.31	1,126.31	4.41	3.93	-137.91	-2,105.71	3,180.59	3,878.05	3,869.82	8.23	471.339		
1,300.00	1,289.64	1,225.32	1,225.32	4.91	4.29	-137.90	-2,105.53	3,180.63	3,897.49	3,888.48	9.01	432.625		
1,400.00	1,385.27	1,321.57	1,321.56	5.45	4.63	-137.88	-2,105.29	3,180.66	3,919.50	3,909.69	9.80	399.843		
1,500.00	1,479.82	1,418.93	1,418.92	6.04	4.98	-137.87	-2,104.99	3,180.70	3,944.11	3,933.49	10.62	371.236		
1,600.00	1,573.17	1,522.09	1,522.08	6.69	5.35	-137.87	-2,104.64	3,180.57	3,971.21	3,959.72	11.49	345.591		
1,700.00	1,665.21	1,612.11	1,612.10	7.39	5.67	-137.81	-2,104.36	3,180.29	4,000.80	3,988.47	12.34	324.337		
1,800.00	1,755.84	1,705.97	1,705.96	8.16	6.00	-137.75	-2,104.14	3,179.98	4,033.05	4,019.83	13.22	305.072		
1,900.00	1,844.94	1,799.29	1,799.28	9.00	6.33	-137.68	-2,103.96	3,179.54	4,067.83	4,053.70	14.13	287.880		
2,000.00	1,932.39	1,889.99	1,889.97	9.91	6.64	-137.59	-2,103.79	3,179.03	4,105.16	4,090.10	15.06	272.586		
2,100.00	2,018.11	1,974.97	1,974.95	10.89	6.94	-137.44	-2,103.65	3,178.50	4,145.06	4,129.06	16.00	259.094		
2,200.00	2,101.97	2,056.24	2,056.22	11.94	7.23	-137.26	-2,103.50	3,178.05	4,187.61	4,170.66	16.95	247.022		
2,300.00	2,183.88	2,135.92	2,135.90	13.08	7.51	-137.05	-2,103.32	3,177.70	4,232.80	4,214.87	17.93	236.084		
2,400.00	2,263.74	2,207.04	2,207.02	14.28	7.76	-136.75	-2,103.16	3,177.44	4,280.61	4,261.72	18.90	226.514		
2,500.00	2,341.45	2,268.58	2,268.56	15.57	7.97	-136.35	-2,103.13	3,177.43	4,331.25	4,311.40	19.85	218.216		
2,600.00	2,416.92	2,346.00	2,345.99	16.93	8.23	-136.03	-2,103.15	3,177.50	4,384.48	4,363.60	20.88	210.014		
2,700.00	2,490.05	2,416.81	2,416.79	18.37	8.47	-135.62	-2,103.15	3,177.57	4,440.16	4,418.26	21.90	202.710		
2,800.00	2,560.76	2,489.38	2,489.36	19.88	8.72	-135.19	-2,103.15	3,177.67	4,498.27	4,475.32	22.96	195.944		
2,900.00	2,628.95	2,560.59	2,560.57	21.48	8.96	-134.70	-2,103.15	3,177.69	4,558.69	4,534.67	24.02	189.766		
3,000.00	2,694.55	2,624.94	2,624.92	23.15	9.18	-134.10	-2,103.12	3,177.72	4,621.41	4,596.34	25.08	184.285		
3,100.00	2,757.48	2,684.72	2,684.70	24.89	9.39	-133.41	-2,103.09	3,177.77	4,686.43	4,660.30	26.13	179.377		
3,200.00	2,817.66	2,744.00	2,743.98	26.70	9.60	-132.65	-2,103.08	3,177.87	4,753.67	4,726.49	27.18	174.885		
3,300.00	2,875.03	2,809.09	2,809.07	28.58	9.83	-132.03	-2,103.04	3,177.91	4,822.97	4,794.70	28.27	170.605		
3,400.00	2,931.24	2,869.36	2,869.34	30.50	10.04	-132.64	-2,102.97	3,177.88	4,893.28	4,863.95	29.33	166.832		
3,500.00	2,987.46	2,926.97	2,926.95	32.43	10.24	-133.22	-2,102.93	3,177.80	4,963.94	4,933.57	30.37	163.456		
3,600.00	3,043.67	2,977.36	2,977.34	34.37	10.42	-133.71	-2,102.92	3,177.75	5,034.99	5,003.63	31.36	160.558		
3,700.00	3,099.88	3,029.80	3,029.78	36.32	10.60	-134.21	-2,102.93	3,177.76	5,106.46	5,074.11	32.35	157.869		
3,800.00	3,156.09	3,087.04	3,087.02	38.27	10.79	-134.76	-2,102.90	3,177.79	5,178.26	5,144.92	33.34	155.310		
3,900.00	3,212.31	3,144.61	3,144.59	40.23	11.00	-135.29	-2,102.81	3,177.83	5,250.38	5,216.05	34.33	152.944		
4,000.00	3,268.52	3,202.33	3,202.31	42.20	11.20	-135.82	-2,102.74	3,177.85	5,322.79	5,287.48	35.31	150.765		
4,100.00	3,324.73	3,258.10	3,258.08	44.17	11.40	-136.31	-2,102.75	3,177.83	5,395.49	5,359.23	36.26	148.820		
4,200.00	3,380.94	3,312.93	3,312.91	46.15	11.58	-136.79	-2,102.90	3,177.76	5,468.48	5,431.29	37.19	147.054		
4,300.00	3,437.16	3,365.47	3,365.45	48.12	11.76	-137.25	-2,103.02	3,177.74	5,541.77	5,503.68	38.09	145.484		
4,400.00	3,493.37	3,424.63	3,424.61	50.11	11.96	-137.75	-2,103.07	3,177.76	5,615.34	5,576.32	39.02	143.920		
4,500.00	3,549.58	3,489.40	3,489.38	52.09	12.19	-138.28	-2,103.00	3,177.74	5,689.09	5,649.13	39.96	142.378		
4,600.00	3,605.79	3,553.97	3,553.95	54.08	12.42	-138.81	-2,102.86	3,177.65	5,763.00	5,722.11	40.89	140.934		
4,700.00	3,662.01	3,577.00	3,576.98	56.07	12.50	-139.00	-2,102.80	3,177.59	5,837.19	5,795.57	41.62	140.258		
4,800.00	3,718.22	3,625.51	3,625.49	58.06	12.67	-139.38	-2,102.69	3,177.65	5,911.73	5,869.28	42.45	139.268		
4,900.00	3,774.43	3,672.00	3,671.98	60.05	12.83	-139.75	-2,102.64	3,178.04	5,986.84	5,943.58	43.26	138.398		
5,000.00	3,830.65	3,737.11	3,737.08	62.04	13.06	-140.25	-2,102.59	3,178.34	6,061.98	6,017.83	44.15	137.320		
5,100.00	3,886.86	3,845.40	3,845.37	64.04	13.44	-141.06	-2,102.45	3,178.21	6,136.92	6,091.69	45.23	135.677		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,943.07	3,895.14	3,895.11	66.03	13.61	-141.42	-2,102.33	3,178.03	6,212.00	6,165.97	46.03	134.961		
5,300.00	3,999.28	3,940.34	3,940.32	68.03	13.77	-141.74	-2,102.29	3,177.94	6,287.36	6,240.57	46.79	134.368		
5,400.00	4,055.50	3,990.82	3,990.79	70.03	13.94	-142.10	-2,102.30	3,177.89	6,362.99	6,315.42	47.57	133.759		
5,500.00	4,111.71	4,044.07	4,044.04	72.03	14.13	-142.47	-2,102.31	3,177.87	6,438.81	6,390.46	48.35	133.164		
5,600.00	4,167.92	4,111.88	4,111.85	74.03	14.36	-142.93	-2,102.24	3,177.83	6,514.78	6,465.58	49.20	132.413		
5,700.00	4,224.13	4,164.81	4,164.79	76.03	14.55	-143.29	-2,102.08	3,177.75	6,590.83	6,540.86	49.97	131.904		
5,800.00	4,280.35	4,203.12	4,203.09	78.03	14.69	-143.54	-2,101.94	3,177.79	6,667.16	6,616.51	50.65	131.628		
5,900.00	4,336.56	4,680.57	4,680.15	80.04	16.36	-146.44	-2,100.02	3,164.81	6,743.15	6,689.66	53.49	126.066		
6,000.00	4,392.77	4,711.00	4,710.53	82.04	16.46	-146.61	-2,099.92	3,163.01	6,816.34	6,762.20	54.14	125.898		
6,100.00	4,448.98	4,711.00	4,710.53	84.04	16.46	-146.61	-2,099.92	3,163.01	6,890.06	6,835.42	54.64	126.110		
6,200.00	4,505.20	7,072.00	6,992.39	86.05	26.28	-156.88	-1,969.64	2,686.87	6,952.47	6,888.37	64.10	108.469		
6,300.00	4,561.41	7,116.74	7,033.33	88.05	26.53	-157.05	-1,963.49	2,669.96	7,002.08	6,937.18	64.90	107.887		
6,400.00	4,617.62	7,122.49	7,038.69	90.06	26.56	-157.07	-1,962.64	2,668.04	7,054.13	6,988.54	65.59	107.547		
6,500.00	4,673.83	7,167.00	7,080.73	92.07	26.81	-157.25	-1,955.60	2,655.27	7,108.59	7,042.23	66.36	107.122		
6,600.00	4,730.05	7,167.00	7,080.73	94.07	26.81	-157.25	-1,955.60	2,655.27	7,162.16	7,095.16	67.00	106.891		
6,700.00	4,786.26	7,167.00	7,080.73	96.08	26.81	-157.25	-1,955.60	2,655.27	7,216.72	7,149.09	67.63	106.705		
6,800.00	4,842.47	7,167.00	7,080.73	98.09	26.81	-157.25	-1,955.60	2,655.27	7,272.24	7,204.00	68.24	106.561		
6,900.00	4,898.68	7,167.00	7,080.73	100.09	26.81	-157.25	-1,955.60	2,655.27	7,328.71	7,259.87	68.84	106.459		
7,000.00	4,954.90	7,167.00	7,080.73	102.10	26.81	-157.25	-1,955.60	2,655.27	7,386.10	7,316.68	69.42	106.396		
7,100.00	5,011.11	7,167.00	7,080.73	104.11	26.81	-157.25	-1,955.60	2,655.27	7,444.39	7,374.40	69.99	106.370 SF		
7,200.00	5,067.32	7,167.00	7,080.73	106.12	26.81	-157.25	-1,955.60	2,655.27	7,503.56	7,433.02	70.54	106.380		
7,300.00	5,123.53	7,167.00	7,080.73	108.13	26.81	-157.25	-1,955.60	2,655.27	7,563.59	7,492.52	71.07	106.423		
7,400.00	5,179.75	7,167.00	7,080.73	110.14	26.81	-157.25	-1,955.60	2,655.27	7,624.46	7,552.87	71.59	106.499		
7,500.00	5,235.96	7,167.00	7,080.73	112.15	26.81	-157.25	-1,955.60	2,655.27	7,686.15	7,614.05	72.10	106.606		
7,600.00	5,292.17	7,167.00	7,080.73	114.16	26.81	-157.25	-1,955.60	2,655.27	7,748.63	7,676.04	72.59	106.742		
7,700.00	5,348.38	7,167.00	7,080.73	116.17	26.81	-157.25	-1,955.60	2,655.27	7,811.90	7,738.83	73.07	106.906		
7,800.00	5,404.60	7,167.00	7,080.73	118.18	26.81	-157.25	-1,955.60	2,655.27	7,875.93	7,802.39	73.54	107.097		
7,900.00	5,460.81	7,167.00	7,080.73	120.19	26.81	-157.25	-1,955.60	2,655.27	7,940.70	7,866.71	73.99	107.315		
8,000.00	5,517.02	7,167.00	7,080.73	122.20	26.81	-157.25	-1,955.60	2,655.27	8,006.20	7,931.76	74.44	107.556		
8,100.00	5,573.24	7,167.00	7,080.73	124.21	26.81	-157.25	-1,955.60	2,655.27	8,072.40	7,997.54	74.87	107.822		
8,200.00	5,629.45	7,211.68	7,123.77	126.22	27.01	-157.44	-1,947.96	2,646.06	8,137.41	8,061.96	75.45	107.850		
8,300.00	5,685.66	7,215.93	7,127.89	128.23	27.03	-157.46	-1,947.21	2,645.37	8,204.60	8,128.72	75.88	108.129		
8,400.00	5,741.87	7,261.00	7,171.90	130.24	27.23	-157.66	-1,939.12	2,640.05	8,274.01	8,197.57	76.44	108.242		
8,500.00	5,798.09	7,261.00	7,171.90	132.25	27.23	-157.66	-1,939.12	2,640.05	8,342.14	8,265.31	76.83	108.575		
8,600.00	5,854.30	7,261.00	7,171.90	134.26	27.23	-157.66	-1,939.12	2,640.05	8,410.91	8,333.70	77.22	108.928		
8,700.00	5,910.51	7,261.00	7,171.90	136.28	27.23	-157.66	-1,939.12	2,640.05	8,480.31	8,402.72	77.59	109.298		
8,800.00	5,966.72	7,261.00	7,171.90	138.29	27.23	-157.66	-1,939.12	2,640.05	8,550.31	8,472.36	77.95	109.687		
8,900.00	6,022.94	7,261.00	7,171.90	140.30	27.23	-157.66	-1,939.12	2,640.05	8,620.90	8,542.59	78.31	110.093		
9,000.00	6,079.15	7,261.00	7,171.90	142.31	27.23	-157.66	-1,939.12	2,640.05	8,692.07	8,613.42	78.65	110.515		
9,100.00	6,135.36	7,261.00	7,171.90	144.32	27.23	-157.66	-1,939.12	2,640.05	8,763.80	8,684.81	78.99	110.953		
9,200.00	6,191.57	7,261.00	7,171.90	146.34	27.23	-157.66	-1,939.12	2,640.05	8,836.08	8,756.77	79.31	111.406		
9,300.00	6,247.79	7,261.00	7,171.90	148.35	27.23	-157.66	-1,939.12	2,640.05	8,908.90	8,829.27	79.63	111.874		
9,400.00	6,304.00	7,261.00	7,171.90	150.36	27.23	-157.66	-1,939.12	2,640.05	8,982.24	8,902.29	79.94	112.355		
9,500.00	6,360.21	7,261.00	7,171.90	152.37	27.23	-157.66	-1,939.12	2,640.05	9,056.09	8,975.84	80.25	112.850		
9,600.00	6,416.42	7,261.00	7,171.90	154.39	27.23	-157.66	-1,939.12	2,640.05	9,130.44	9,049.89	80.55	113.358		
9,700.00	6,472.64	7,261.00	7,171.90	156.40	27.23	-157.66	-1,939.12	2,640.05	9,205.27	9,124.44	80.83	113.878		
9,800.00	6,528.85	7,261.00	7,171.90	158.41	27.23	-157.66	-1,939.12	2,640.05	9,280.58	9,199.47	81.12	114.409		
9,900.00	6,585.06	7,261.00	7,171.90	160.42	27.23	-157.66	-1,939.12	2,640.05	9,356.35	9,274.96	81.39	114.952		
10,000.00	6,641.27	7,261.00	7,171.90	162.44	27.23	-157.66	-1,939.12	2,640.05	9,432.58	9,350.91	81.66	115.506		
10,100.00	6,697.49	7,261.00	7,171.90	164.45	27.23	-157.66	-1,939.12	2,640.05	9,509.24	9,427.31	81.93	116.070		
10,200.00	6,753.70	7,261.00	7,171.90	166.46	27.23	-157.66	-1,939.12	2,640.05	9,586.33	9,504.15	82.18	116.644		
10,300.00	6,809.91	7,261.00	7,171.90	168.48	27.23	-157.66	-1,939.12	2,640.05	9,663.85	9,581.41	82.44	117.228		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 25-MWD OWSG													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	6,866.12	7,261.00	7,171.90	170.49	27.23	-157.66	-1,939.12	2,640.05	9,741.77	9,659.09	82.68	117.821	
10,500.00	6,922.34	7,305.66	7,215.60	172.50	27.39	-157.87	-1,930.24	2,637.94	9,818.72	9,735.61	83.12	118.129	
10,600.00	6,978.55	7,309.60	7,219.45	174.52	27.41	-157.89	-1,929.39	2,637.88	9,897.18	9,813.81	83.37	118.710	
10,700.00	7,034.76	7,355.00	7,263.58	176.53	27.57	-158.11	-1,918.81	2,638.72	9,977.19	9,893.41	83.79	119.080	
10,800.00	7,090.98	7,355.00	7,263.58	178.54	27.57	-158.11	-1,918.81	2,638.72	10,056.17	9,972.15	84.02	119.693	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 93-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
100.00	100.00	27.61	27.61	0.27	0.04	124.05	-2,148.98	3,180.33	3,838.31	3,838.01	0.31	N/A	
200.00	200.00	128.86	128.86	0.63	0.25	124.05	-2,148.96	3,180.37	3,838.33	3,837.45	0.88	4,384.317	
300.00	300.00	232.21	232.21	0.99	0.61	124.04	-2,148.53	3,180.55	3,838.24	3,836.64	1.60	2,400.841	
400.00	400.00	329.58	329.58	1.34	0.96	124.03	-2,147.88	3,180.88	3,838.15	3,835.85	2.30	1,666.304	
431.20	431.20	359.20	359.20	1.46	1.07	124.03	-2,147.71	3,180.99	3,838.14	3,835.62	2.52	1,522.438 CC	
500.00	500.00	427.10	427.09	1.70	1.31	124.02	-2,147.38	3,181.23	3,838.16	3,835.15	3.01	1,274.903 ES	
600.00	599.98	530.91	530.91	2.05	1.68	-137.41	-2,147.06	3,181.42	3,839.42	3,835.69	3.73	1,029.051	
700.00	699.84	628.55	628.54	2.40	2.03	-137.42	-2,146.78	3,181.55	3,843.23	3,838.80	4.43	868.101	
800.00	799.45	725.41	725.40	2.76	2.38	-137.42	-2,146.48	3,181.78	3,849.68	3,844.55	5.13	750.514	
900.00	898.70	825.42	825.41	3.13	2.73	-137.43	-2,146.20	3,182.01	3,858.73	3,852.87	5.85	659.316	
1,000.00	997.47	923.10	923.10	3.53	3.08	-137.42	-2,146.04	3,182.16	3,870.34	3,863.77	6.58	588.352	
1,100.00	1,095.62	1,014.40	1,014.39	3.95	3.41	-137.41	-2,146.03	3,182.31	3,884.65	3,877.36	7.29	532.761	
1,200.00	1,193.06	1,103.77	1,103.76	4.41	3.72	-137.38	-2,146.14	3,182.64	3,901.77	3,893.75	8.01	486.975	
1,300.00	1,289.64	1,202.27	1,202.26	4.91	4.06	-137.36	-2,146.29	3,183.03	3,921.52	3,912.73	8.79	446.360	
1,400.00	1,385.27	1,299.54	1,299.52	5.45	4.41	-137.34	-2,146.28	3,183.47	3,943.84	3,934.26	9.58	411.672	
1,500.00	1,479.82	1,395.36	1,395.35	6.04	4.75	-137.31	-2,146.30	3,183.82	3,968.69	3,958.30	10.39	381.826	
1,600.00	1,573.17	1,486.10	1,486.08	6.69	5.07	-137.26	-2,146.47	3,184.07	3,996.18	3,984.97	11.21	356.407	
1,700.00	1,665.21	1,574.46	1,574.45	7.39	5.37	-137.18	-2,146.74	3,184.34	4,026.34	4,014.29	12.05	334.189	
1,800.00	1,755.84	1,660.48	1,660.46	8.16	5.67	-137.07	-2,147.10	3,184.64	4,059.19	4,046.28	12.90	314.562	
1,900.00	1,844.94	1,746.74	1,746.72	9.00	5.98	-136.95	-2,147.48	3,185.05	4,094.73	4,080.93	13.79	296.895	
2,000.00	1,932.39	1,836.71	1,836.69	9.91	6.29	-136.84	-2,147.89	3,185.44	4,132.84	4,118.12	14.72	280.702	
2,100.00	2,018.11	1,925.36	1,925.34	10.89	6.60	-136.70	-2,148.33	3,185.73	4,173.46	4,157.78	15.68	266.187	
2,200.00	2,101.97	2,007.44	2,007.42	11.94	6.89	-136.50	-2,148.74	3,185.98	4,216.64	4,200.00	16.64	253.419	
2,300.00	2,183.88	2,086.63	2,086.61	13.08	7.17	-136.26	-2,149.09	3,186.30	4,262.40	4,244.78	17.62	241.928	
2,400.00	2,263.74	2,169.54	2,169.52	14.28	7.46	-136.03	-2,149.38	3,186.67	4,310.69	4,292.05	18.64	231.255	
2,500.00	2,341.45	2,271.40	2,271.37	15.57	7.81	-135.89	-2,149.57	3,186.80	4,361.19	4,341.44	19.75	220.806	
2,600.00	2,416.92	2,347.54	2,347.52	16.93	8.07	-135.56	-2,149.61	3,186.74	4,413.99	4,393.20	20.78	212.388	
2,700.00	2,490.05	2,422.40	2,422.38	18.37	8.32	-135.18	-2,149.66	3,186.65	4,469.21	4,447.38	21.83	204.712	
2,800.00	2,560.76	2,492.71	2,492.69	19.88	8.56	-134.73	-2,149.70	3,186.55	4,526.83	4,503.94	22.88	197.811	
2,900.00	2,628.95	2,560.25	2,560.23	21.48	8.79	-134.22	-2,149.65	3,186.52	4,586.83	4,562.89	23.94	191.560	
3,000.00	2,694.55	2,627.84	2,627.82	23.15	9.02	-133.65	-2,149.59	3,186.47	4,649.13	4,624.11	25.02	185.819	
3,100.00	2,757.48	2,686.84	2,686.81	24.89	9.23	-132.96	-2,149.56	3,186.44	4,713.70	4,687.62	26.07	180.776	
3,200.00	2,817.66	2,744.77	2,744.75	26.70	9.43	-132.19	-2,149.57	3,186.44	4,780.51	4,753.38	27.13	176.176	
3,300.00	2,875.03	2,809.06	2,809.03	28.58	9.65	-131.56	-2,149.56	3,186.41	4,849.41	4,821.18	28.23	171.791	
3,400.00	2,931.24	2,862.84	2,862.82	30.50	9.84	-132.11	-2,149.53	3,186.35	4,919.35	4,890.08	29.27	168.068	
3,500.00	2,987.46	2,913.63	2,913.60	32.43	10.01	-132.61	-2,149.54	3,186.34	4,989.73	4,959.45	30.29	164.747	
3,600.00	3,043.67	2,969.56	2,969.54	34.37	10.21	-133.16	-2,149.56	3,186.36	5,060.53	5,029.21	31.32	161.593	
3,700.00	3,099.88	3,025.49	3,025.46	36.32	10.40	-133.70	-2,149.52	3,186.40	5,131.67	5,099.34	32.33	158.712	
3,800.00	3,156.09	3,079.48	3,079.46	38.27	10.59	-134.21	-2,149.46	3,186.46	5,203.18	5,169.85	33.33	156.118	
3,900.00	3,212.31	3,133.13	3,133.10	40.23	10.78	-134.71	-2,149.39	3,186.55	5,275.04	5,240.73	34.31	153.750	
4,000.00	3,268.52	3,186.46	3,186.43	42.20	10.97	-135.19	-2,149.36	3,186.66	5,347.24	5,311.97	35.28	151.585	
4,100.00	3,324.73	3,242.02	3,242.00	44.17	11.17	-135.69	-2,149.38	3,186.77	5,419.77	5,383.53	36.24	149.557	
4,200.00	3,380.94	3,298.87	3,298.85	46.15	11.37	-136.19	-2,149.42	3,186.87	5,492.58	5,455.39	37.20	147.670	
4,300.00	3,437.16	3,367.59	3,367.56	48.12	11.61	-136.79	-2,149.45	3,186.91	5,565.61	5,527.42	38.19	145.745	
4,400.00	3,493.37	3,424.35	3,424.33	50.11	11.81	-137.27	-2,149.45	3,186.86	5,638.81	5,599.70	39.11	144.168	
4,500.00	3,549.58	3,474.75	3,474.72	52.09	11.98	-137.69	-2,149.48	3,186.85	5,712.32	5,672.33	40.00	142.820	
4,600.00	3,605.79	3,529.07	3,529.05	54.08	12.17	-138.13	-2,149.53	3,186.88	5,786.12	5,745.24	40.89	141.506	
4,700.00	3,662.01	3,584.44	3,584.41	56.07	12.37	-138.57	-2,149.57	3,186.91	5,860.17	5,818.40	41.78	140.276	
4,800.00	3,718.22	3,640.19	3,640.16	58.06	12.56	-139.02	-2,149.59	3,186.97	5,934.46	5,891.80	42.65	139.131	
4,900.00	3,774.43	3,696.23	3,696.21	60.05	12.76	-139.45	-2,149.58	3,187.03	6,008.96	5,965.44	43.52	138.068	
5,000.00	3,830.65	3,752.82	3,752.79	62.04	12.96	-139.88	-2,149.57	3,187.09	6,083.68	6,039.30	44.38	137.076	
5,100.00	3,886.86	3,812.32	3,812.30	64.04	13.17	-140.33	-2,149.55	3,187.15	6,158.59	6,113.35	45.24	136.120	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 93-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	3,872.06	3,872.03	66.03	13.38	-140.77	-2,149.49	3,187.17	6,233.66	6,187.57	46.10	135.232		
5,300.00	3,999.28	3,927.23	3,927.20	68.03	13.58	-141.17	-2,149.47	3,187.17	6,308.92	6,262.00	46.91	134.476		
5,400.00	4,055.50	3,982.22	3,982.19	70.03	13.77	-141.56	-2,149.52	3,187.16	6,384.37	6,336.64	47.72	133.776		
5,500.00	4,111.71	4,036.88	4,036.86	72.03	13.96	-141.94	-2,149.54	3,187.17	6,460.00	6,411.48	48.52	133.129		
5,600.00	4,167.92	4,092.51	4,092.48	74.03	14.15	-142.32	-2,149.55	3,187.20	6,535.82	6,486.50	49.32	132.516		
5,700.00	4,224.13	4,146.00	4,145.97	76.03	14.34	-142.68	-2,149.60	3,187.22	6,611.81	6,561.71	50.10	131.976		
5,800.00	4,280.35	4,199.50	4,199.47	78.03	14.53	-143.04	-2,149.62	3,187.26	6,687.98	6,637.11	50.87	131.478		
5,900.00	4,336.56	4,249.79	4,249.76	80.04	14.71	-143.37	-2,149.58	3,187.36	6,764.35	6,712.74	51.61	131.062		
6,000.00	4,392.77	4,297.20	4,297.17	82.04	14.88	-143.67	-2,149.50	3,187.52	6,840.93	6,788.60	52.33	130.718		
6,100.00	4,448.98	4,353.96	4,353.93	84.04	15.08	-144.04	-2,149.38	3,187.78	6,917.72	6,864.62	53.09	130.292		
6,200.00	4,505.20	4,440.12	4,440.09	86.05	15.38	-144.57	-2,149.35	3,187.86	6,994.46	6,940.46	54.00	129.537		
6,300.00	4,561.41	4,490.83	4,490.81	88.05	15.55	-144.88	-2,149.39	3,187.82	7,071.27	7,016.56	54.71	129.249		
6,400.00	4,617.62	7,168.00	7,084.50	90.06	26.15	-155.32	-2,180.56	2,694.94	7,142.35	7,075.23	67.12	106.411		
6,500.00	4,673.83	7,168.00	7,084.50	92.07	26.15	-155.32	-2,180.56	2,694.94	7,194.28	7,126.47	67.81	106.093		
6,600.00	4,730.05	7,168.00	7,084.50	94.07	26.15	-155.32	-2,180.56	2,694.94	7,247.22	7,178.74	68.48	105.822		
6,700.00	4,786.26	7,168.00	7,084.50	96.08	26.15	-155.32	-2,180.56	2,694.94	7,301.15	7,232.01	69.14	105.597		
6,800.00	4,842.47	7,168.00	7,084.50	98.09	26.15	-155.32	-2,180.56	2,694.94	7,356.04	7,286.26	69.78	105.415		
6,900.00	4,898.68	7,168.00	7,084.50	100.09	26.15	-155.32	-2,180.56	2,694.94	7,411.88	7,341.47	70.41	105.274		
7,000.00	4,954.90	7,168.00	7,084.50	102.10	26.15	-155.32	-2,180.56	2,694.94	7,468.63	7,397.62	71.01	105.173		
7,100.00	5,011.11	7,168.00	7,084.50	104.11	26.15	-155.32	-2,180.56	2,694.94	7,526.29	7,454.68	71.60	105.109		
7,200.00	5,067.32	7,168.00	7,084.50	106.12	26.15	-155.32	-2,180.56	2,694.94	7,584.82	7,512.64	72.18	105.080 SF		
7,300.00	5,123.53	7,168.00	7,084.50	108.13	26.15	-155.32	-2,180.56	2,694.94	7,644.22	7,571.48	72.74	105.086		
7,400.00	5,179.75	7,168.00	7,084.50	110.14	26.15	-155.32	-2,180.56	2,694.94	7,704.45	7,631.16	73.29	105.124		
7,500.00	5,235.96	7,168.00	7,084.50	112.15	26.15	-155.32	-2,180.56	2,694.94	7,765.51	7,691.69	73.82	105.193		
7,600.00	5,292.17	7,168.00	7,084.50	114.16	26.15	-155.32	-2,180.56	2,694.94	7,827.37	7,753.03	74.34	105.292		
7,700.00	5,348.38	7,168.00	7,084.50	116.17	26.15	-155.32	-2,180.56	2,694.94	7,890.01	7,815.16	74.84	105.419		
7,800.00	5,404.60	7,168.00	7,084.50	118.18	26.15	-155.32	-2,180.56	2,694.94	7,953.41	7,878.08	75.34	105.573		
7,900.00	5,460.81	7,168.00	7,084.50	120.19	26.15	-155.32	-2,180.56	2,694.94	8,017.56	7,941.75	75.81	105.753		
8,000.00	5,517.02	7,216.56	7,130.96	122.20	26.37	-155.43	-2,183.06	2,681.15	8,079.17	8,002.62	76.55	105.537		
8,100.00	5,573.24	7,263.00	7,176.76	124.21	26.58	-155.56	-2,184.86	2,673.87	8,146.90	8,069.64	77.26	105.450		
8,200.00	5,629.45	7,263.00	7,176.76	126.22	26.58	-155.56	-2,184.86	2,673.87	8,212.34	8,134.64	77.71	105.682		
8,300.00	5,685.66	7,263.00	7,176.76	128.23	26.58	-155.56	-2,184.86	2,673.87	8,278.48	8,200.33	78.15	105.936		
8,400.00	5,741.87	7,263.00	7,176.76	130.24	26.58	-155.56	-2,184.86	2,673.87	8,345.29	8,266.72	78.57	106.211		
8,500.00	5,798.09	7,263.00	7,176.76	132.25	26.58	-155.56	-2,184.86	2,673.87	8,412.76	8,333.77	78.99	106.506		
8,600.00	5,854.30	7,263.00	7,176.76	134.26	26.58	-155.56	-2,184.86	2,673.87	8,480.87	8,401.47	79.39	106.821		
8,700.00	5,910.51	7,263.00	7,176.76	136.28	26.58	-155.56	-2,184.86	2,673.87	8,549.60	8,469.81	79.79	107.155		
8,800.00	5,966.72	7,263.00	7,176.76	138.29	26.58	-155.56	-2,184.86	2,673.87	8,618.95	8,538.78	80.17	107.506		
8,900.00	6,022.94	7,263.00	7,176.76	140.30	26.58	-155.56	-2,184.86	2,673.87	8,688.90	8,608.35	80.55	107.875		
9,000.00	6,079.15	7,263.00	7,176.76	142.31	26.58	-155.56	-2,184.86	2,673.87	8,759.43	8,678.52	80.91	108.261		
9,100.00	6,135.36	7,263.00	7,176.76	144.32	26.58	-155.56	-2,184.86	2,673.87	8,830.52	8,749.26	81.27	108.662		
9,200.00	6,191.57	7,263.00	7,176.76	146.34	26.58	-155.56	-2,184.86	2,673.87	8,902.18	8,820.57	81.61	109.079		
9,300.00	6,247.79	7,263.00	7,176.76	148.35	26.58	-155.56	-2,184.86	2,673.87	8,974.37	8,892.42	81.95	109.510		
9,400.00	6,304.00	7,263.00	7,176.76	150.36	26.58	-155.56	-2,184.86	2,673.87	9,047.10	8,964.82	82.28	109.955		
9,500.00	6,360.21	7,263.00	7,176.76	152.37	26.58	-155.56	-2,184.86	2,673.87	9,120.34	9,037.74	82.60	110.414		
9,600.00	6,416.42	7,263.00	7,176.76	154.39	26.58	-155.56	-2,184.86	2,673.87	9,194.09	9,111.17	82.92	110.885		
9,700.00	6,472.64	7,263.00	7,176.76	156.40	26.58	-155.56	-2,184.86	2,673.87	9,268.33	9,185.11	83.22	111.369		
9,800.00	6,528.85	7,263.00	7,176.76	158.41	26.58	-155.56	-2,184.86	2,673.87	9,343.05	9,259.53	83.52	111.866		
9,900.00	6,585.06	7,263.00	7,176.76	160.42	26.58	-155.56	-2,184.86	2,673.87	9,418.23	9,334.42	83.81	112.373		
10,000.00	6,641.27	7,263.00	7,176.76	162.44	26.58	-155.56	-2,184.86	2,673.87	9,493.88	9,409.78	84.10	112.892		
10,100.00	6,697.49	7,263.00	7,176.76	164.45	26.58	-155.56	-2,184.86	2,673.87	9,569.97	9,485.60	84.38	113.421		
10,200.00	6,753.70	7,263.00	7,176.76	166.46	26.58	-155.56	-2,184.86	2,673.87	9,646.50	9,561.85	84.65	113.960		
10,300.00	6,809.91	7,263.00	7,176.76	168.48	26.58	-155.56	-2,184.86	2,673.87	9,723.46	9,638.54	84.91	114.509		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design		SEC 28-T3S-R65W - EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SURVEY										Offset Site Error:	0.00 usft
Survey Program:		93-MWD OWSG										Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	7,263.00	7,176.76	170.49	26.58	-155.56	-2,184.86	2,673.87	9,800.83	9,715.65	85.17	115.067	
10,500.00	6,922.34	7,263.00	7,176.76	172.50	26.58	-155.56	-2,184.86	2,673.87	9,878.60	9,793.18	85.43	115.635	
10,600.00	6,978.55	7,263.00	7,176.76	174.52	26.58	-155.56	-2,184.86	2,673.87	9,956.78	9,871.10	85.68	116.211	
10,700.00	7,034.76	7,263.00	7,176.76	176.53	26.58	-155.56	-2,184.86	2,673.87	10,035.34	9,949.42	85.92	116.795	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
100.00	100.00	85.01	85.01	0.27	0.14	133.67	-2,066.98	2,165.52	2,993.84	2,993.43	0.41	7,317.172	
200.00	200.00	178.39	178.38	0.63	0.47	133.65	-2,065.88	2,165.24	2,992.80	2,991.70	1.10	2,719.463	
300.00	300.00	272.68	272.66	0.99	0.81	133.64	-2,064.92	2,165.13	2,992.01	2,990.22	1.80	1,665.370	
400.00	400.00	375.07	375.05	1.34	1.18	133.63	-2,063.97	2,164.97	2,991.27	2,988.74	2.52	1,186.087	
500.00	500.00	473.41	473.39	1.70	1.53	133.62	-2,063.11	2,164.67	2,990.44	2,987.21	3.23	925.065	
531.50	531.50	502.65	502.62	1.81	1.64	-127.81	-2,062.90	2,164.59	2,990.32	2,986.88	3.45	867.409	
600.00	599.98	568.38	568.36	2.05	1.87	-127.82	-2,062.49	2,164.41	2,990.86	2,986.94	3.92	762.589	
700.00	699.84	668.49	668.46	2.40	2.23	-127.87	-2,061.96	2,164.14	2,993.51	2,988.89	4.63	646.951	
800.00	799.45	763.93	763.90	2.76	2.57	-127.92	-2,061.50	2,163.85	2,998.33	2,993.00	5.33	563.057	
900.00	898.70	860.98	860.95	3.13	2.92	-127.99	-2,061.15	2,163.66	3,005.47	2,999.43	6.04	497.530	
1,000.00	997.47	958.93	958.90	3.53	3.27	-128.07	-2,060.81	2,163.50	3,014.82	3,008.04	6.77	445.015	
1,100.00	1,095.62	1,055.43	1,055.40	3.95	3.62	-128.17	-2,060.52	2,163.35	3,026.41	3,018.89	7.52	402.370	
1,200.00	1,193.06	1,153.94	1,153.91	4.41	3.97	-128.28	-2,060.26	2,163.18	3,040.25	3,031.95	8.30	366.430	
1,300.00	1,289.64	1,250.72	1,250.69	4.91	4.31	-128.40	-2,059.97	2,163.01	3,056.31	3,047.22	9.09	336.179	
1,400.00	1,385.27	1,344.41	1,344.38	5.45	4.65	-128.52	-2,059.73	2,162.85	3,074.70	3,064.80	9.90	310.512	
1,500.00	1,479.82	1,442.85	1,442.82	6.04	5.00	-128.66	-2,059.48	2,162.64	3,095.36	3,084.60	10.76	287.662	
1,600.00	1,573.17	1,534.58	1,534.54	6.69	5.33	-128.78	-2,059.25	2,162.41	3,118.35	3,106.72	11.63	268.203	
1,700.00	1,665.21	1,629.13	1,629.09	7.39	5.67	-128.92	-2,059.06	2,162.10	3,143.70	3,131.17	12.54	250.763	
1,800.00	1,755.84	1,720.28	1,720.24	8.16	5.99	-129.03	-2,058.96	2,161.69	3,171.43	3,157.96	13.47	235.504	
1,900.00	1,844.94	1,808.94	1,808.91	9.00	6.30	-129.12	-2,058.88	2,161.29	3,201.59	3,187.16	14.42	221.973	
2,000.00	1,932.39	1,896.38	1,896.35	9.91	6.61	-129.21	-2,058.74	2,160.95	3,234.22	3,218.81	15.41	209.839	
2,100.00	2,018.11	1,980.04	1,980.00	10.89	6.91	-129.25	-2,058.64	2,160.63	3,269.37	3,252.95	16.42	199.079	
2,200.00	2,101.97	2,062.34	2,062.31	11.94	7.19	-129.27	-2,058.63	2,160.32	3,307.07	3,289.61	17.46	189.455	
2,300.00	2,183.88	2,142.82	2,142.78	13.08	7.48	-129.26	-2,058.74	2,159.98	3,347.33	3,328.81	18.51	180.796	
2,400.00	2,263.74	2,221.36	2,221.32	14.28	7.75	-129.21	-2,058.95	2,159.62	3,390.13	3,370.54	19.60	173.001	
2,500.00	2,341.45	2,298.55	2,298.51	15.57	8.02	-129.12	-2,059.21	2,159.27	3,435.48	3,414.78	20.70	165.952	
2,600.00	2,416.92	2,374.35	2,374.31	16.93	8.29	-129.00	-2,059.21	2,159.11	3,483.35	3,461.52	21.83	159.575	
2,700.00	2,490.05	2,449.10	2,449.06	18.37	8.55	-128.84	-2,059.12	2,158.98	3,533.69	3,510.71	22.98	153.784	
2,800.00	2,560.76	2,515.52	2,515.48	19.88	8.79	-128.56	-2,059.10	2,158.87	3,586.55	3,562.44	24.11	148.764	
2,900.00	2,628.95	2,580.96	2,580.91	21.48	9.01	-128.23	-2,059.14	2,158.80	3,641.93	3,616.68	25.25	144.239	
3,000.00	2,694.55	2,644.91	2,644.87	23.15	9.23	-127.85	-2,059.12	2,158.81	3,699.76	3,673.37	26.39	140.173	
3,100.00	2,757.48	2,707.48	2,707.44	24.89	9.45	-127.39	-2,059.06	2,158.86	3,759.99	3,732.44	27.54	136.511	
3,200.00	2,817.66	2,769.18	2,769.14	26.70	9.66	-126.88	-2,059.00	2,158.91	3,822.53	3,793.84	28.70	133.202	
3,300.00	2,875.03	2,826.00	2,825.96	28.58	9.86	-126.38	-2,058.98	2,158.89	3,887.30	3,857.46	29.84	130.289	
3,400.00	2,931.24	2,881.34	2,881.30	30.50	10.05	-127.10	-2,059.02	2,158.85	3,953.35	3,922.40	30.95	127.726	
3,500.00	2,987.46	2,935.62	2,935.57	32.43	10.24	-127.78	-2,059.10	2,158.85	4,020.08	3,988.03	32.04	125.453	
3,600.00	3,043.67	2,996.42	2,996.38	34.37	10.45	-128.54	-2,059.12	2,158.85	4,087.36	4,054.21	33.15	123.312	
3,700.00	3,099.88	3,052.78	3,052.73	36.32	10.64	-129.22	-2,059.05	2,158.84	4,155.15	4,120.94	34.21	121.453	
3,800.00	3,156.09	3,107.12	3,107.07	38.27	10.83	-129.87	-2,058.99	2,158.86	4,223.50	4,188.25	35.25	119.815	
3,900.00	3,212.31	3,161.63	3,161.59	40.23	11.02	-130.51	-2,058.95	2,158.89	4,292.38	4,256.11	36.26	118.366	
4,000.00	3,268.52	3,216.70	3,216.66	42.20	11.21	-131.15	-2,058.96	2,158.92	4,361.76	4,324.50	37.26	117.065	
4,100.00	3,324.73	3,273.64	3,273.59	44.17	11.40	-131.79	-2,058.98	2,158.95	4,431.59	4,393.35	38.24	115.885	
4,200.00	3,380.94	3,329.04	3,329.00	46.15	11.58	-132.40	-2,059.01	2,158.97	4,501.86	4,462.66	39.20	114.845	
4,300.00	3,437.16	3,383.22	3,383.17	48.12	11.76	-132.99	-2,059.02	2,159.01	4,572.57	4,532.44	40.13	113.930	
4,400.00	3,493.37	3,438.21	3,438.16	50.11	11.94	-133.58	-1,187.93	-2,104.43	4,643.04	4,602.91	41.04	113.015	
4,500.00	3,549.58	3,494.40	3,494.35	52.09	12.12	-134.17	-1,187.86	-2,187.23	4,713.31	4,673.18	41.95	112.100	
4,600.00	3,605.79	3,550.59	3,550.54	54.08	12.30	-134.76	-1,187.77	-2,267.67	4,783.58	4,743.45	42.86	111.185	
4,700.00	3,662.01	3,606.79	3,606.74	56.07	12.48	-135.35	-1,187.47	-2,346.64	4,853.85	4,813.72	43.77	110.270	
4,800.00	3,718.22	3,662.98	3,662.93	58.06	12.66	-135.94	-1,187.57	-2,425.86	4,924.12	4,883.99	44.68	109.355	
4,900.00	3,774.43	3,719.17	3,719.12	60.05	12.84	-136.53	-1,188.43	-2,502.37	5,000.00	4,959.87	45.59	108.440	
5,000.00	3,830.65	3,775.38	3,775.33	62.04	13.02	-137.12	-1,189.91	-2,573.18	5,075.00	5,034.87	46.50	107.525	
5,100.00	3,886.86	3,831.59	3,831.54	64.04	13.20	-137.71	-1,191.75	-2,673.53	5,150.00	5,109.36	47.41	106.610	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,943.07	13,039.69	7,893.23	66.03	140.64	-166.77	-1,192.88	-2,745.84	4,073.06	3,998.48	74.58	54.615		
5,300.00	3,999.28	13,103.49	7,893.94	68.03	142.31	-166.76	-1,194.57	-2,809.60	4,016.84	3,940.97	75.87	52.942		
5,400.00	4,055.50	13,166.38	7,894.70	70.03	143.96	-166.73	-1,197.69	-2,872.41	3,961.06	3,883.86	77.21	51.306		
5,500.00	4,111.71	13,234.86	7,895.57	72.03	145.74	-166.67	-1,202.39	-2,940.72	3,905.64	3,827.02	78.62	49.677		
5,600.00	4,167.92	13,366.20	7,897.14	74.03	149.18	-166.59	-1,209.25	-3,071.86	3,849.93	3,769.48	80.45	47.854		
5,700.00	4,224.13	13,485.44	7,898.43	76.03	152.33	-166.64	-1,208.70	-3,191.07	3,793.17	3,711.18	82.00	46.261		
5,800.00	4,280.35	13,581.22	7,899.37	78.03	154.88	-166.74	-1,205.38	-3,286.80	3,735.88	3,652.56	83.32	44.836		
5,900.00	4,336.56	13,662.83	7,900.17	80.04	157.04	-166.84	-1,201.80	-3,368.32	3,678.46	3,593.90	84.56	43.499		
6,000.00	4,392.77	13,740.53	7,900.83	82.04	159.11	-166.91	-1,199.40	-3,445.98	3,621.14	3,535.32	85.82	42.196		
6,100.00	4,448.98	13,824.82	7,901.60	84.04	161.35	-167.00	-1,196.72	-3,530.22	3,563.86	3,476.78	87.08	40.925		
6,200.00	4,505.20	13,924.12	7,902.45	86.05	164.00	-167.14	-1,191.93	-3,629.40	3,506.29	3,417.97	88.33	39.696		
6,300.00	4,561.41	14,009.86	7,903.30	88.05	166.28	-167.30	-1,185.91	-3,714.92	3,448.51	3,359.05	89.46	38.549		
6,400.00	4,617.62	14,094.16	7,904.26	90.06	168.53	-167.49	-1,178.79	-3,798.91	3,390.66	3,300.14	90.53	37.454		
6,500.00	4,673.83	14,156.06	7,905.01	92.07	170.18	-167.62	-1,174.12	-3,860.63	3,333.04	3,241.44	91.59	36.389		
6,600.00	4,730.05	14,231.96	7,905.92	94.07	172.21	-167.74	-1,170.58	-3,936.44	3,275.82	3,183.08	92.74	35.324		
6,700.00	4,786.26	14,327.31	7,906.67	96.08	174.75	-167.87	-1,167.29	-4,031.73	3,218.45	3,124.51	93.94	34.261		
6,800.00	4,842.47	14,413.46	7,907.50	98.09	177.05	-168.06	-1,161.30	-4,117.67	3,160.74	3,065.75	94.99	33.275		
6,900.00	4,898.68	14,486.88	7,908.31	100.09	179.01	-168.22	-1,156.39	-4,190.92	3,103.21	3,007.17	96.03	32.313		
7,000.00	4,954.90	14,566.00	7,909.12	102.10	181.12	-168.38	-1,151.99	-4,269.91	3,045.80	2,948.70	97.10	31.368		
7,100.00	5,011.11	14,642.40	7,909.84	104.11	183.16	-168.52	-1,148.76	-4,346.24	2,988.50	2,890.31	98.19	30.435		
7,200.00	5,067.32	14,707.93	7,910.46	106.12	184.91	-168.61	-1,147.28	-4,411.75	2,931.50	2,832.17	99.33	29.511		
7,300.00	5,123.53	14,775.64	7,911.19	108.13	186.71	-168.66	-1,147.98	-4,479.45	2,875.03	2,774.46	100.57	28.587		
7,400.00	5,179.75	14,850.00	7,911.77	110.14	188.68	-168.66	-1,150.96	-4,553.74	2,818.74	2,716.81	101.92	27.656		
7,500.00	5,235.96	14,916.29	7,912.13	112.15	190.41	-168.59	-1,156.35	-4,619.80	2,762.82	2,659.44	103.39	26.723		
7,600.00	5,292.17	14,983.35	7,912.49	114.16	192.14	-168.43	-1,165.03	-4,686.29	2,707.55	2,602.51	105.03	25.778		
7,700.00	5,348.38	15,069.13	7,912.92	116.17	194.35	-168.17	-1,178.15	-4,771.07	2,652.61	2,545.65	106.96	24.801		
7,800.00	5,404.60	15,200.61	7,913.58	118.18	197.78	-167.99	-1,189.40	-4,902.00	2,596.74	2,487.92	108.82	23.863		
7,900.00	5,460.81	15,298.37	7,913.99	120.19	200.38	-168.04	-1,190.57	-4,999.74	2,539.73	2,429.62	110.12	23.064		
8,000.00	5,517.02	15,389.22	7,914.39	122.20	202.81	-168.15	-1,189.65	-5,090.59	2,482.45	2,371.18	111.28	22.309		
8,100.00	5,573.24	15,478.69	7,914.66	124.21	205.20	-168.29	-1,187.54	-5,180.03	2,424.89	2,312.54	112.35	21.584		
8,200.00	5,629.45	15,562.81	7,914.92	126.22	207.45	-168.47	-1,184.39	-5,264.09	2,367.14	2,253.80	113.34	20.885		
8,300.00	5,685.66	15,640.32	7,915.26	128.23	209.52	-168.66	-1,180.93	-5,341.53	2,309.42	2,195.11	114.31	20.203		
8,400.00	5,741.87	15,715.41	7,915.47	130.24	211.53	-168.78	-1,179.69	-5,416.60	2,251.96	2,136.55	115.41	19.513		
8,500.00	5,798.09	15,796.70	7,915.75	132.25	213.71	-168.91	-1,178.70	-5,497.88	2,194.62	2,078.13	116.49	18.840		
8,600.00	5,854.30	15,883.87	7,916.06	134.26	216.04	-169.08	-1,176.95	-5,585.03	2,137.19	2,019.72	117.47	18.194		
8,700.00	5,910.51	15,961.20	7,916.31	136.28	218.11	-169.25	-1,175.36	-5,662.34	2,079.74	1,961.26	118.48	17.553		
8,800.00	5,966.72	16,039.89	7,916.63	138.29	220.21	-169.40	-1,174.39	-5,741.03	2,022.48	1,902.96	119.51	16.923		
8,900.00	6,022.94	16,121.60	7,916.90	140.30	222.40	-169.53	-1,174.24	-5,822.74	1,965.30	1,844.73	120.57	16.301		
9,000.00	6,079.15	16,203.90	7,917.25	142.31	224.60	-169.70	-1,173.40	-5,905.04	1,908.09	1,786.55	121.54	15.699		
9,100.00	6,135.36	16,284.88	7,917.60	144.32	226.76	-169.88	-1,172.69	-5,986.01	1,850.92	1,728.41	122.51	15.108		
9,200.00	6,191.57	16,366.44	7,918.01	146.34	228.95	-170.07	-1,171.66	-6,067.57	1,793.78	1,670.36	123.42	14.534		
9,300.00	6,247.79	16,439.90	7,918.36	148.35	230.91	-170.20	-1,172.31	-6,141.01	1,736.87	1,612.35	124.52	13.948		
9,400.00	6,304.00	16,523.36	7,918.74	150.36	233.13	-170.29	-1,174.68	-6,224.44	1,680.19	1,554.53	125.66	13.370		
9,500.00	6,360.21	16,623.48	7,919.22	152.37	235.81	-170.57	-1,173.57	-6,324.54	1,623.10	1,496.81	126.28	12.853		
9,600.00	6,416.42	16,711.18	7,919.37	154.39	238.16	-171.02	-1,168.41	-6,412.08	1,565.23	1,438.62	126.60	12.363		
9,700.00	6,472.64	16,791.51	7,919.60	156.40	240.32	-171.53	-1,162.13	-6,492.17	1,507.34	1,380.48	126.86	11.882		
9,800.00	6,528.85	16,869.01	7,919.93	158.41	242.40	-172.08	-1,155.94	-6,569.42	1,449.64	1,322.52	127.12	11.404		
9,900.00	6,585.06	16,946.52	7,920.39	160.42	244.49	-172.61	-1,150.72	-6,646.75	1,392.28	1,264.85	127.43	10.926		
10,000.00	6,641.27	17,027.72	7,920.86	162.44	246.67	-173.19	-1,145.97	-6,727.81	1,335.08	1,207.39	127.68	10.456		
10,100.00	6,697.49	17,105.33	7,921.26	164.45	248.75	-173.68	-1,143.28	-6,805.37	1,278.10	1,149.94	128.16	9.973		
10,200.00	6,753.70	17,188.32	7,921.61	166.46	250.97	-174.14	-1,142.51	-6,888.36	1,221.29	1,092.62	128.67	9.491		
10,300.00	6,809.91	17,269.45	7,921.85	168.48	253.15	-174.60	-1,142.24	-6,969.48	1,164.48	1,035.24	129.24	9.010		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,866.12	17,351.37	7,922.14	170.49	255.34	-175.09	-1,142.32	-7,051.40	1,107.80	978.01	129.79	8.535		
10,500.00	6,922.34	17,433.65	7,922.37	172.50	257.54	-175.62	-1,142.62	-7,133.67	1,051.14	920.80	130.34	8.065		
10,600.00	6,978.55	17,514.89	7,922.58	174.52	259.71	-176.16	-1,143.59	-7,214.91	994.57	863.62	130.95	7.595		
10,700.00	7,034.76	17,595.93	7,922.86	176.53	261.88	-176.71	-1,145.16	-7,295.93	938.16	806.54	131.62	7.128		
10,800.00	7,090.98	17,678.57	7,923.15	178.54	264.09	-177.31	-1,147.17	-7,378.56	881.84	749.55	132.29	6.666		
10,900.00	7,147.19	17,760.28	7,923.43	180.56	266.27	-177.97	-1,149.47	-7,460.23	825.60	692.56	133.04	6.206		
11,000.00	7,203.40	17,843.19	7,923.72	182.57	268.48	-178.71	-1,151.95	-7,543.10	769.45	635.63	133.82	5.750		
11,100.00	7,259.61	17,925.72	7,923.94	184.58	270.68	-179.58	-1,154.29	-7,625.60	713.34	578.60	134.74	5.294		
11,200.00	7,315.83	17,928.00	7,923.94	186.60	270.74	-179.60	-1,154.36	-7,627.88	662.20	523.53	138.67	4.775		
11,300.00	7,372.04	17,928.00	7,923.94	188.61	270.74	-179.60	-1,154.36	-7,627.88	623.03	481.44	141.59	4.400		
11,400.00	7,428.25	17,928.00	7,923.94	190.63	270.74	-179.60	-1,154.36	-7,627.88	598.18	455.50	142.67	4.193		
11,500.00	7,484.46	17,928.00	7,923.94	192.64	270.74	-179.60	-1,154.36	-7,627.88	589.46	447.99	141.47	4.167	CC, ES, SF	
11,504.45	7,486.96	17,928.00	7,923.94	192.73	270.74	-179.60	-1,154.36	-7,627.88	589.47	448.11	141.36	4.170		
11,600.00	7,540.68	17,928.00	7,923.94	194.65	270.74	-179.60	-1,154.36	-7,627.88	597.60	459.51	138.09	4.328		
11,700.00	7,596.89	17,928.00	7,923.94	196.67	270.74	-179.60	-1,154.36	-7,627.88	621.91	488.68	133.23	4.668		
11,800.00	7,653.10	17,928.00	7,923.94	198.68	270.74	-179.60	-1,154.36	-7,627.88	660.63	532.79	127.84	5.168		
11,900.00	7,708.64	17,928.00	7,923.94	200.71	270.74	179.34	-1,154.36	-7,627.88	712.05	589.40	122.64	5.806		
12,000.00	7,753.02	17,928.00	7,923.94	202.96	270.74	175.28	-1,154.36	-7,627.88	782.16	664.39	117.77	6.641		
12,100.00	7,781.64	17,928.00	7,923.94	205.41	270.74	168.62	-1,154.36	-7,627.88	867.42	753.94	113.48	7.644		
12,200.00	7,793.64	17,928.00	7,923.94	207.95	270.74	153.38	-1,154.36	-7,627.88	961.59	851.63	109.96	8.745		
12,300.00	7,794.00	17,928.00	7,923.94	210.49	270.74	147.56	-1,154.36	-7,627.88	1,059.29	952.08	107.21	9.881		
12,400.00	7,794.00	17,928.00	7,923.94	213.04	270.74	147.56	-1,154.36	-7,627.88	1,157.44	1,052.41	105.03	11.020		
12,500.00	7,794.00	17,928.00	7,923.94	215.58	270.74	147.56	-1,154.36	-7,627.88	1,255.88	1,152.60	103.28	12.160		
12,600.00	7,794.00	17,928.00	7,923.94	218.14	270.74	147.56	-1,154.36	-7,627.88	1,354.55	1,252.70	101.85	13.299		
12,700.00	7,794.00	17,928.00	7,923.94	220.69	270.74	147.56	-1,154.36	-7,627.88	1,453.40	1,352.73	100.68	14.436		
12,800.00	7,794.00	17,928.00	7,923.94	223.25	270.74	147.56	-1,154.36	-7,627.88	1,552.40	1,452.71	99.69	15.572		
12,900.00	7,794.00	17,928.00	7,923.94	225.81	270.74	147.56	-1,154.36	-7,627.88	1,651.52	1,552.65	98.87	16.704		
13,000.00	7,794.00	17,928.00	7,923.94	228.37	270.74	147.56	-1,154.36	-7,627.88	1,750.74	1,652.57	98.17	17.834		
13,100.00	7,794.00	17,928.00	7,923.94	230.94	270.74	147.56	-1,154.36	-7,627.88	1,850.04	1,752.47	97.57	18.961		
13,200.00	7,794.00	17,928.00	7,923.94	233.51	270.74	147.56	-1,154.36	-7,627.88	1,949.42	1,852.36	97.06	20.085		
13,300.00	7,794.00	17,928.00	7,923.94	236.08	270.74	147.56	-1,154.36	-7,627.88	2,048.85	1,952.24	96.61	21.207		
13,400.00	7,794.00	17,928.00	7,923.94	238.66	270.74	147.56	-1,154.36	-7,627.88	2,148.34	2,052.11	96.23	22.326		
13,500.00	7,794.00	17,928.00	7,923.94	241.24	270.74	147.56	-1,154.36	-7,627.88	2,247.88	2,151.98	95.89	23.442		
13,600.00	7,794.00	17,928.00	7,923.94	243.82	270.74	147.56	-1,154.36	-7,627.88	2,347.45	2,251.85	95.60	24.555		
13,700.00	7,794.00	17,928.00	7,923.94	246.40	270.74	147.56	-1,154.36	-7,627.88	2,447.06	2,351.71	95.34	25.666		
13,800.00	7,794.00	17,928.00	7,923.94	248.99	270.74	147.56	-1,154.36	-7,627.88	2,546.69	2,451.58	95.12	26.774		
13,900.00	7,794.00	17,928.00	7,923.94	251.58	270.74	147.56	-1,154.36	-7,627.88	2,646.36	2,551.44	94.92	27.880		
14,000.00	7,794.00	17,928.00	7,923.94	254.17	270.74	147.56	-1,154.36	-7,627.88	2,746.05	2,651.31	94.75	28.983		
14,100.00	7,794.00	17,928.00	7,923.94	256.76	270.74	147.56	-1,154.36	-7,627.88	2,845.76	2,751.17	94.59	30.085		
14,200.00	7,794.00	17,928.00	7,923.94	259.36	270.74	147.56	-1,154.36	-7,627.88	2,945.49	2,851.04	94.46	31.183		
14,300.00	7,794.00	17,928.00	7,923.94	261.95	270.74	147.56	-1,154.36	-7,627.88	3,045.24	2,950.91	94.34	32.280		
14,400.00	7,794.00	17,928.00	7,923.94	264.55	270.74	147.56	-1,154.36	-7,627.88	3,145.01	3,050.77	94.23	33.375		
14,500.00	7,794.00	17,928.00	7,923.94	267.15	270.74	147.56	-1,154.36	-7,627.88	3,244.79	3,150.65	94.14	34.467		
14,600.00	7,794.00	17,928.00	7,923.94	269.76	270.74	147.56	-1,154.36	-7,627.88	3,344.58	3,250.52	94.06	35.557		
14,700.00	7,794.00	17,928.00	7,923.94	272.36	270.74	147.56	-1,154.36	-7,627.88	3,444.39	3,350.39	93.99	36.645		
14,800.00	7,794.00	17,928.00	7,923.94	274.97	270.74	147.56	-1,154.36	-7,627.88	3,544.20	3,450.27	93.93	37.731		
14,900.00	7,794.00	17,928.00	7,923.94	277.58	270.74	147.56	-1,154.36	-7,627.88	3,644.03	3,550.14	93.88	38.815		
15,000.00	7,794.00	17,928.00	7,923.94	280.19	270.74	147.56	-1,154.36	-7,627.88	3,743.86	3,650.02	93.84	39.897		
15,100.00	7,794.00	17,928.00	7,923.94	282.80	270.74	147.56	-1,154.36	-7,627.88	3,843.71	3,749.90	93.80	40.977		
15,200.00	7,794.00	17,928.00	7,923.94	285.41	270.74	147.56	-1,154.36	-7,627.88	3,943.56	3,849.79	93.77	42.055		
15,300.00	7,794.00	17,928.00	7,923.94	288.03	270.74	147.56	-1,154.36	-7,627.88	4,043.42	3,949.67	93.75	43.131		
15,400.00	7,794.00	17,928.00	7,923.94	290.64	270.74	147.56	-1,154.36	-7,627.88	4,143.28	4,049.55	93.73	44.205		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,794.00	17,928.00	7,923.94	293.26	270.74	147.56	-1,154.36	-7,627.88	4,243.15	4,149.44	93.71	45.277		
15,600.00	7,794.00	17,928.00	7,923.94	295.88	270.74	147.56	-1,154.36	-7,627.88	4,343.03	4,249.33	93.71	46.348		
15,700.00	7,794.00	17,928.00	7,923.94	298.50	270.74	147.56	-1,154.36	-7,627.88	4,442.92	4,349.21	93.70	47.416		
15,800.00	7,794.00	17,928.00	7,923.94	301.12	270.74	147.56	-1,154.36	-7,627.88	4,542.80	4,449.10	93.70	48.482		
15,900.00	7,794.00	17,928.00	7,923.94	303.75	270.74	147.56	-1,154.36	-7,627.88	4,642.70	4,548.99	93.70	49.547		
16,000.00	7,794.00	17,928.00	7,923.94	306.37	270.74	147.56	-1,154.36	-7,627.88	4,742.59	4,648.89	93.71	50.610		
16,100.00	7,794.00	17,928.00	7,923.94	309.00	270.74	147.56	-1,154.36	-7,627.88	4,842.50	4,748.78	93.72	51.671		
16,200.00	7,794.00	17,928.00	7,923.94	311.62	270.74	147.56	-1,154.36	-7,627.88	4,942.40	4,848.67	93.73	52.729		
16,300.00	7,794.00	17,928.00	7,923.94	314.25	270.74	147.56	-1,154.36	-7,627.88	5,042.31	4,948.57	93.75	53.787		
16,400.00	7,794.00	17,928.00	7,923.94	316.88	270.74	147.56	-1,154.36	-7,627.88	5,142.23	5,048.46	93.76	54.842		
16,500.00	7,794.00	17,928.00	7,923.94	319.51	270.74	147.56	-1,154.36	-7,627.88	5,242.14	5,148.36	93.79	55.895		
16,600.00	7,794.00	17,928.00	7,923.94	322.15	270.74	147.56	-1,154.36	-7,627.88	5,342.06	5,248.25	93.81	56.947		
16,700.00	7,794.00	17,928.00	7,923.94	324.78	270.74	147.56	-1,154.36	-7,627.88	5,441.98	5,348.15	93.83	57.996		
16,800.00	7,794.00	17,928.00	7,923.94	327.41	270.74	147.56	-1,154.36	-7,627.88	5,541.91	5,448.05	93.86	59.044		
16,900.00	7,794.00	17,928.00	7,923.94	330.05	270.74	147.56	-1,154.36	-7,627.88	5,641.84	5,547.95	93.89	60.090		
17,000.00	7,794.00	17,928.00	7,923.94	332.68	270.74	147.56	-1,154.36	-7,627.88	5,741.77	5,647.85	93.92	61.134		
17,100.00	7,794.00	17,928.00	7,923.94	335.32	270.74	147.56	-1,154.36	-7,627.88	5,841.70	5,747.75	93.95	62.176		
17,200.00	7,794.00	17,928.00	7,923.94	337.96	270.74	147.56	-1,154.36	-7,627.88	5,941.64	5,847.65	93.99	63.216		
17,300.00	7,794.00	17,928.00	7,923.94	340.60	270.74	147.56	-1,154.36	-7,627.88	6,041.57	5,947.55	94.03	64.255		
17,400.00	7,794.00	17,928.00	7,923.94	343.24	270.74	147.56	-1,154.36	-7,627.88	6,141.51	6,047.45	94.06	65.291		
17,500.00	7,794.00	17,928.00	7,923.94	345.88	270.74	147.56	-1,154.36	-7,627.88	6,241.46	6,147.35	94.10	66.326		
17,600.00	7,794.00	17,928.00	7,923.94	348.52	270.74	147.56	-1,154.36	-7,627.88	6,341.40	6,247.25	94.14	67.359		
17,700.00	7,794.00	17,928.00	7,923.94	351.16	270.74	147.56	-1,154.36	-7,627.88	6,441.34	6,347.16	94.19	68.389		
17,800.00	7,794.00	17,928.00	7,923.94	353.81	270.74	147.56	-1,154.36	-7,627.88	6,541.29	6,447.06	94.23	69.419		
17,900.00	7,794.00	17,928.00	7,923.94	356.45	270.74	147.56	-1,154.36	-7,627.88	6,641.24	6,546.96	94.27	70.446		
18,000.00	7,794.00	17,928.00	7,923.94	359.09	270.74	147.56	-1,154.36	-7,627.88	6,741.19	6,646.87	94.32	71.471		
18,100.00	7,794.00	17,928.00	7,923.94	361.74	270.74	147.56	-1,154.36	-7,627.88	6,841.14	6,746.77	94.37	72.494		
18,200.00	7,794.00	17,928.00	7,923.94	364.39	270.74	147.56	-1,154.36	-7,627.88	6,941.09	6,846.68	94.42	73.516		
18,300.00	7,794.00	17,928.00	7,923.94	367.03	270.74	147.56	-1,154.36	-7,627.88	7,041.05	6,946.58	94.47	74.535		
18,400.00	7,794.00	17,928.00	7,923.94	369.68	270.74	147.56	-1,154.36	-7,627.88	7,141.00	7,046.48	94.52	75.553		
18,500.00	7,794.00	17,928.00	7,923.94	372.33	270.74	147.56	-1,154.36	-7,627.88	7,240.96	7,146.39	94.57	76.569		
18,600.00	7,794.00	17,928.00	7,923.94	374.98	270.74	147.56	-1,154.36	-7,627.88	7,340.92	7,246.30	94.62	77.583		
18,700.00	7,794.00	17,928.00	7,923.94	377.63	270.74	147.56	-1,154.36	-7,627.88	7,440.87	7,346.20	94.67	78.595		
18,800.00	7,794.00	17,928.00	7,923.94	380.28	270.74	147.56	-1,154.36	-7,627.88	7,540.83	7,446.11	94.73	79.605		
18,900.00	7,794.00	17,928.00	7,923.94	382.93	270.74	147.56	-1,154.36	-7,627.88	7,640.80	7,546.01	94.78	80.613		
19,000.00	7,794.00	17,928.00	7,923.94	385.58	270.74	147.56	-1,154.36	-7,627.88	7,740.76	7,645.92	94.84	81.619		
19,100.00	7,794.00	17,928.00	7,923.94	388.24	270.74	147.56	-1,154.36	-7,627.88	7,840.72	7,745.82	94.90	82.623		
19,200.00	7,794.00	17,928.00	7,923.94	390.89	270.74	147.56	-1,154.36	-7,627.88	7,940.68	7,845.73	94.95	83.626		
19,300.00	7,794.00	17,928.00	7,923.94	393.55	270.74	147.56	-1,154.36	-7,627.88	8,040.65	7,945.64	95.01	84.626		
19,400.00	7,794.00	17,928.00	7,923.94	396.20	270.74	147.56	-1,154.36	-7,627.88	8,140.61	8,045.54	95.07	85.625		
19,500.00	7,794.00	17,928.00	7,923.94	398.85	270.74	147.56	-1,154.36	-7,627.88	8,240.58	8,145.45	95.13	86.621		
19,600.00	7,794.00	17,928.00	7,923.94	401.51	270.74	147.56	-1,154.36	-7,627.88	8,340.55	8,245.35	95.19	87.616		
19,700.00	7,794.00	17,928.00	7,923.94	404.17	270.74	147.56	-1,154.36	-7,627.88	8,440.52	8,345.26	95.26	88.609		
19,800.00	7,794.00	17,928.00	7,923.94	406.82	270.74	147.56	-1,154.36	-7,627.88	8,540.49	8,445.17	95.32	89.600		
19,900.00	7,794.00	17,928.00	7,923.94	409.48	270.74	147.56	-1,154.36	-7,627.88	8,640.45	8,545.07	95.38	90.588		
20,000.00	7,794.00	17,928.00	7,923.94	412.14	270.74	147.56	-1,154.36	-7,627.88	8,740.42	8,644.98	95.45	91.575		
20,100.00	7,794.00	17,928.00	7,923.94	414.80	270.74	147.56	-1,154.36	-7,627.88	8,840.40	8,744.89	95.51	92.560		
20,200.00	7,794.00	17,928.00	7,923.94	417.46	270.74	147.56	-1,154.36	-7,627.88	8,940.37	8,844.79	95.57	93.543		
20,300.00	7,794.00	17,928.00	7,923.94	420.12	270.74	147.56	-1,154.36	-7,627.88	9,040.34	8,944.70	95.64	94.524		
20,400.00	7,794.00	17,928.00	7,923.94	422.78	270.74	147.56	-1,154.36	-7,627.88	9,140.31	9,044.61	95.71	95.503		
20,500.00	7,794.00	17,928.00	7,923.94	425.44	270.74	147.56	-1,154.36	-7,627.88	9,240.29	9,144.51	95.77	96.480		
20,600.00	7,794.00	17,928.00	7,923.94	428.10	270.74	147.56	-1,154.36	-7,627.88	9,340.26	9,244.42	95.84	97.455		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,700.00	7,794.00	17,928.00	7,923.94	430.76	270.74	147.56	-1,154.36	-7,627.88	9,440.23	9,344.32	95.91	98.428	
20,800.00	7,794.00	17,928.00	7,923.94	433.42	270.74	147.56	-1,154.36	-7,627.88	9,540.21	9,444.23	95.98	99.399	
20,900.00	7,794.00	17,928.00	7,923.94	436.08	270.74	147.56	-1,154.36	-7,627.88	9,640.18	9,544.14	96.05	100.368	
21,000.00	7,794.00	17,928.00	7,923.94	438.74	270.74	147.56	-1,154.36	-7,627.88	9,740.16	9,644.04	96.12	101.335	
21,100.00	7,794.00	17,928.00	7,923.94	441.41	270.74	147.56	-1,154.36	-7,627.88	9,840.14	9,743.95	96.19	102.301	
21,200.00	7,794.00	17,928.00	7,923.94	444.07	270.74	147.56	-1,154.36	-7,627.88	9,940.11	9,843.85	96.26	103.264	
21,300.00	7,794.00	17,928.00	7,923.94	446.74	270.74	147.56	-1,154.36	-7,627.88	10,040.09	9,943.76	96.33	104.225	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	71.06	71.06	0.27	0.17	134.12	-2,099.74	2,165.61	3,016.49	3,016.06	0.43	6,941.847		
200.00	200.00	162.04	162.04	0.63	0.49	134.11	-2,099.17	2,165.58	3,016.02	3,014.90	1.12	2,697.633		
300.00	300.00	262.83	262.82	0.99	0.85	134.10	-2,098.40	2,165.73	3,015.60	3,013.76	1.84	1,641.389		
400.00	400.00	360.42	360.41	1.34	1.20	134.08	-2,097.73	2,165.84	3,015.21	3,012.66	2.55	1,184.654		
500.00	500.00	459.11	459.10	1.70	1.55	134.08	-2,097.21	2,165.95	3,014.92	3,011.66	3.26	925.682		
515.75	515.75	475.82	475.81	1.76	1.61	-127.35	-2,097.13	2,165.96	3,014.90	3,011.52	3.37	894.170		
600.00	599.98	559.39	559.38	2.05	1.91	-127.37	-2,096.78	2,165.87	3,015.62	3,011.66	3.96	760.776		
700.00	699.84	658.11	658.10	2.40	2.26	-127.40	-2,096.58	2,165.73	3,018.56	3,013.90	4.66	647.546		
800.00	799.45	760.64	760.63	2.76	2.63	-127.46	-2,096.30	2,165.52	3,023.53	3,018.15	5.38	561.725		
900.00	898.70	860.73	860.72	3.13	2.98	-127.53	-2,096.01	2,165.26	3,030.60	3,024.49	6.11	496.239		
1,000.00	997.47	961.53	961.52	3.53	3.34	-127.62	-2,095.74	2,164.93	3,039.78	3,032.94	6.85	443.880		
1,100.00	1,095.62	1,062.01	1,062.00	3.95	3.70	-127.73	-2,095.43	2,164.53	3,051.08	3,043.47	7.61	401.089		
1,200.00	1,193.06	1,155.58	1,155.57	4.41	4.03	-127.83	-2,095.12	2,164.25	3,064.63	3,056.27	8.36	366.372		
1,300.00	1,289.64	1,248.16	1,248.14	4.91	4.36	-127.93	-2,094.91	2,164.06	3,080.55	3,071.41	9.14	336.873		
1,400.00	1,385.27	1,343.07	1,343.05	5.45	4.70	-128.05	-2,094.72	2,163.90	3,098.78	3,088.82	9.96	311.083		
1,500.00	1,479.82	1,441.89	1,441.88	6.04	5.06	-128.20	-2,094.46	2,163.67	3,119.23	3,108.41	10.82	288.223		
1,600.00	1,573.17	1,527.59	1,527.57	6.69	5.36	-128.28	-2,094.43	2,163.40	3,142.09	3,130.43	11.66	269.419		
1,700.00	1,665.21	1,635.25	1,635.23	7.39	5.74	-128.49	-2,094.25	2,162.97	3,167.15	3,154.53	12.62	251.008		
1,800.00	1,755.84	1,726.81	1,726.79	8.16	6.06	-128.61	-2,093.82	2,162.55	3,194.40	3,180.84	13.56	235.629		
1,900.00	1,844.94	1,814.91	1,814.89	9.00	6.38	-128.71	-2,093.43	2,162.15	3,224.08	3,209.56	14.52	222.052		
2,000.00	1,932.39	1,898.77	1,898.75	9.91	6.68	-128.78	-2,093.09	2,161.82	3,256.28	3,240.78	15.50	210.054		
2,100.00	2,018.11	1,984.73	1,984.70	10.89	6.99	-128.84	-2,092.78	2,161.52	3,291.02	3,274.49	16.53	199.119		
2,200.00	2,101.97	2,068.22	2,068.19	11.94	7.29	-128.88	-2,092.48	2,161.22	3,328.24	3,310.67	17.58	189.335		
2,300.00	2,183.88	2,149.11	2,149.08	13.08	7.58	-128.88	-2,092.15	2,160.99	3,368.00	3,349.35	18.65	180.570		
2,400.00	2,263.74	2,218.31	2,218.29	14.28	7.81	-128.76	-2,091.98	2,160.86	3,410.42	3,390.72	19.70	173.117		
2,500.00	2,341.45	2,290.38	2,290.36	15.57	8.06	-128.63	-2,091.98	2,160.85	3,455.57	3,434.78	20.78	166.259		
2,600.00	2,416.92	2,366.57	2,366.54	16.93	8.32	-128.51	-2,091.94	2,160.90	3,503.25	3,481.34	21.91	159.896		
2,700.00	2,490.05	2,441.24	2,441.21	18.37	8.58	-128.36	-2,091.86	2,160.95	3,553.39	3,530.33	23.06	154.097		
2,800.00	2,560.76	2,513.86	2,513.83	19.88	8.84	-128.15	-2,091.79	2,160.94	3,605.97	3,581.75	24.23	148.852		
2,900.00	2,628.95	2,581.56	2,581.54	21.48	9.08	-127.84	-2,091.74	2,160.90	3,660.99	3,635.60	25.39	144.197		
3,000.00	2,694.55	2,645.59	2,645.56	23.15	9.30	-127.46	-2,091.70	2,160.89	3,718.44	3,691.89	26.55	140.058		
3,100.00	2,757.48	2,707.75	2,707.72	24.89	9.52	-127.00	-2,091.68	2,160.90	3,778.28	3,750.57	27.71	136.367		
3,200.00	2,817.66	2,766.65	2,766.62	26.70	9.72	-126.45	-2,091.67	2,160.90	3,840.46	3,811.61	28.86	133.093		
3,300.00	2,875.03	2,822.51	2,822.49	28.58	9.91	-125.95	-2,091.66	2,160.94	3,904.92	3,874.93	30.00	130.185		
3,400.00	2,931.24	2,879.04	2,879.01	30.50	10.10	-126.68	-2,091.64	2,160.99	3,970.68	3,939.55	31.12	127.574		
3,500.00	2,987.46	2,936.71	2,936.69	32.43	10.30	-127.41	-2,091.65	2,161.02	4,037.05	4,004.81	32.24	125.219		
3,600.00	3,043.67	2,996.43	2,996.41	34.37	10.50	-128.15	-2,091.66	2,160.99	4,103.97	4,070.63	33.35	123.075		
3,700.00	3,099.88	3,051.54	3,051.51	36.32	10.69	-128.81	-2,091.69	2,160.94	4,171.44	4,137.03	34.41	121.224		
3,800.00	3,156.09	3,105.32	3,105.29	38.27	10.87	-129.45	-2,091.73	2,160.91	4,239.48	4,204.03	35.45	119.586		
3,900.00	3,212.31	3,164.35	3,164.32	40.23	11.08	-130.15	-2,091.75	2,160.90	4,308.02	4,271.53	36.50	118.036		
4,000.00	3,268.52	3,220.75	3,220.72	42.20	11.27	-130.79	-2,091.70	2,160.88	4,377.03	4,339.52	37.51	116.681		
4,100.00	3,324.73	3,273.65	3,273.62	44.17	11.46	-131.39	-2,091.68	2,160.88	4,446.54	4,408.04	38.49	115.514		
4,200.00	3,380.94	3,330.20	3,330.17	46.15	11.65	-132.01	-2,091.68	2,160.90	4,516.51	4,477.04	39.47	114.422		
4,300.00	3,437.16	3,388.92	3,388.89	48.12	11.86	-132.65	-2,091.66	2,160.90	4,586.89	4,546.44	40.44	113.415		
4,400.00	3,493.37	3,442.32	3,442.29	50.11	12.04	-133.22	-2,091.66	2,160.90	4,657.67	4,616.30	41.37	112.580		
4,500.00	3,549.58	3,498.13	3,498.10	52.09	12.23	-133.81	-1,490.51	-2,205.41	4,690.01	4,648.60	42.30	111.845		
4,600.00	3,605.79	3,554.34	3,554.31	54.08	12.42	-134.41	-1,490.21	-2,281.28	4,722.02	4,680.10	43.22	111.199		
4,700.00	3,662.01	3,610.56	3,610.53	56.07	12.61	-135.01	-1,490.13	-2,362.96	4,753.41	4,712.21	44.14	110.652		
4,800.00	3,718.22	3,666.77	3,666.74	58.06	12.80	-135.61	-1,490.33	-2,445.26	4,784.80	4,743.60	45.06	110.204		
4,900.00	3,774.43	3,723.98	3,723.95	60.05	13.00	-136.21	-1,490.64	-2,527.52	4,816.19	4,774.99	45.98	109.856		
5,000.00	3,830.65	3,780.19	3,780.16	62.04	13.20	-136.81	-1,490.55	-2,610.01	4,847.58	4,806.38	46.90	109.608		
5,100.00	3,886.86	3,836.40	3,836.37	64.04	13.40	-137.41	-1,490.63	-2,692.49	4,878.97	4,837.77	47.82	109.460		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,943.07	13,040.71	7,971.09	66.03	140.40	-162.20	-1,491.76	-2,686.87	4,217.43	4,136.55	80.87	52.149		
5,300.00	3,999.28	13,126.61	7,972.86	68.03	142.66	-162.13	-1,494.34	-2,772.72	4,162.20	4,079.61	82.59	50.396		
5,400.00	4,055.50	13,262.73	7,975.66	70.03	146.25	-162.08	-1,494.35	-2,908.79	4,106.32	4,021.74	84.58	48.550		
5,500.00	4,111.71	13,407.12	7,977.44	72.03	150.08	-162.09	-1,489.85	-3,053.09	4,049.00	3,962.52	86.47	46.824		
5,600.00	4,167.92	13,484.00	7,978.27	74.03	152.12	-162.11	-1,486.65	-3,129.90	3,991.48	3,903.52	87.96	45.378		
5,700.00	4,224.13	13,557.74	7,979.04	76.03	154.07	-162.11	-1,484.16	-3,203.59	3,934.11	3,844.65	89.45	43.979		
5,800.00	4,280.35	13,624.99	7,979.66	78.03	155.86	-162.11	-1,482.71	-3,270.82	3,876.89	3,785.95	90.95	42.629		
5,900.00	4,336.56	13,692.40	7,980.31	80.04	157.65	-162.08	-1,482.40	-3,338.23	3,820.05	3,727.57	92.49	41.304		
6,000.00	4,392.77	13,774.51	7,981.33	82.04	159.82	-162.05	-1,481.78	-3,420.34	3,763.38	3,669.27	94.11	39.990		
6,100.00	4,448.98	13,890.33	7,982.96	84.04	162.90	-162.08	-1,477.35	-3,536.05	3,706.15	3,610.38	95.77	38.697		
6,200.00	4,505.20	13,970.21	7,983.77	86.05	165.03	-162.09	-1,474.63	-3,615.88	3,648.74	3,551.44	97.30	37.499		
6,300.00	4,561.41	14,050.00	7,984.01	88.05	167.15	-162.06	-1,473.93	-3,695.66	3,591.30	3,492.38	98.92	36.305		
6,400.00	4,617.62	14,095.99	7,984.10	90.06	168.36	-162.02	-1,474.67	-3,741.64	3,534.33	3,433.90	100.43	35.192		
6,500.00	4,673.83	14,144.00	7,984.49	92.07	169.63	-161.95	-1,476.58	-3,789.61	3,478.28	3,376.27	102.01	34.097		
6,600.00	4,730.05	14,208.22	7,985.22	94.07	171.32	-161.85	-1,480.28	-3,853.72	3,422.90	3,319.13	103.77	32.984		
6,700.00	4,786.26	14,288.55	7,986.12	96.08	173.43	-161.69	-1,485.69	-3,933.86	3,367.76	3,262.04	105.72	31.856		
6,800.00	4,842.47	14,380.02	7,987.14	98.09	175.84	-161.52	-1,491.52	-4,025.14	3,312.55	3,204.79	107.76	30.740		
6,900.00	4,898.68	14,472.53	7,988.26	100.09	178.28	-161.37	-1,495.94	-4,117.54	3,257.08	3,147.31	109.76	29.673		
7,000.00	4,954.90	14,559.53	7,989.26	102.10	180.58	-161.23	-1,499.60	-4,204.45	3,201.45	3,089.72	111.73	28.654		
7,100.00	5,011.11	14,668.12	7,990.50	104.11	183.46	-161.07	-1,503.15	-4,312.98	3,145.67	3,031.88	113.79	27.645		
7,200.00	5,067.32	14,777.42	7,991.62	106.12	186.37	-161.00	-1,502.41	-4,422.26	3,088.83	2,973.21	115.63	26.714		
7,300.00	5,123.53	14,921.91	7,993.65	108.13	190.22	-161.07	-1,493.47	-4,566.42	3,031.24	2,914.17	117.07	25.893		
7,400.00	5,179.75	15,043.26	7,995.05	110.14	193.45	-161.36	-1,476.63	-4,686.57	2,971.50	2,853.58	117.92	25.200		
7,500.00	5,235.96	15,113.59	7,995.72	112.15	195.32	-161.53	-1,467.05	-4,756.24	2,911.85	2,792.79	119.06	24.457		
7,600.00	5,292.17	15,181.00	7,996.50	114.16	197.12	-161.69	-1,458.21	-4,823.06	2,852.49	2,732.27	120.22	23.727		
7,700.00	5,348.38	15,251.10	7,997.22	116.17	198.99	-161.83	-1,450.41	-4,892.72	2,793.48	2,672.04	121.44	23.004		
7,800.00	5,404.60	15,315.72	7,997.66	118.18	200.72	-161.90	-1,445.35	-4,957.14	2,734.88	2,612.06	122.82	22.268		
7,900.00	5,460.81	15,379.52	7,998.21	120.19	202.43	-161.95	-1,441.53	-5,020.82	2,676.81	2,552.54	124.27	21.540		
8,000.00	5,517.02	15,447.39	7,998.88	122.20	204.25	-161.97	-1,438.70	-5,088.63	2,619.22	2,493.41	125.80	20.820		
8,100.00	5,573.24	15,526.84	7,999.66	124.21	206.37	-161.97	-1,436.52	-5,168.04	2,561.92	2,434.53	127.39	20.111		
8,200.00	5,629.45	15,605.92	8,000.36	126.22	208.49	-161.96	-1,434.69	-5,247.10	2,504.64	2,375.63	129.01	19.414		
8,300.00	5,685.66	15,681.21	8,000.92	128.23	210.50	-161.92	-1,433.95	-5,322.39	2,447.54	2,316.81	130.72	18.723		
8,400.00	5,741.87	15,757.35	8,001.62	130.24	212.53	-161.86	-1,433.72	-5,398.52	2,390.70	2,258.21	132.49	18.044		
8,500.00	5,798.09	15,854.43	8,002.48	132.25	215.13	-161.81	-1,432.38	-5,495.59	2,333.60	2,199.45	134.16	17.394		
8,600.00	5,854.30	15,929.20	8,002.95	134.26	217.12	-161.76	-1,431.76	-5,570.35	2,276.44	2,140.52	135.93	16.748		
8,700.00	5,910.51	15,992.45	8,003.26	136.28	218.81	-161.67	-1,432.92	-5,633.59	2,219.74	2,081.84	137.90	16.097		
8,800.00	5,966.72	16,052.36	8,003.56	138.29	220.39	-161.51	-1,436.12	-5,693.41	2,163.82	2,023.71	140.11	15.444		
8,900.00	6,022.94	16,108.70	8,003.88	140.30	221.87	-161.28	-1,441.50	-5,749.48	2,108.91	1,966.32	142.59	14.790		
9,000.00	6,079.15	16,189.15	8,004.38	142.31	223.96	-160.86	-1,451.60	-5,829.29	2,054.78	1,909.16	145.62	14.111		
9,100.00	6,135.36	16,311.33	8,004.94	144.32	227.17	-160.29	-1,463.66	-5,950.86	2,000.05	1,851.17	148.88	13.434		
9,200.00	6,191.57	16,397.14	8,005.31	146.34	229.44	-159.99	-1,468.37	-6,036.53	1,944.26	1,792.74	151.53	12.831		
9,300.00	6,247.79	16,500.31	8,005.92	148.35	232.19	-159.70	-1,471.48	-6,139.64	1,888.06	1,734.08	153.98	12.262		
9,400.00	6,304.00	16,602.60	8,006.50	150.36	234.93	-159.53	-1,470.61	-6,241.92	1,830.92	1,674.94	155.98	11.739		
9,500.00	6,360.21	16,664.19	8,006.77	152.37	236.57	-159.40	-1,470.56	-6,303.51	1,773.85	1,615.48	158.37	11.201		
9,600.00	6,416.42	16,727.08	8,007.04	154.39	238.25	-159.18	-1,472.71	-6,366.36	1,717.67	1,556.54	161.13	10.660		
9,700.00	6,472.64	16,794.85	8,007.91	156.40	240.05	-158.91	-1,475.93	-6,434.05	1,662.48	1,498.40	164.08	10.132		
9,800.00	6,528.85	16,912.94	8,008.89	158.41	243.20	-158.46	-1,479.53	-6,552.07	1,606.53	1,439.67	166.86	9.628		
9,900.00	6,585.06	17,012.39	8,009.42	160.42	245.86	-158.21	-1,478.65	-6,651.51	1,549.44	1,380.30	169.14	9.161		
10,000.00	6,641.27	17,110.60	8,010.46	162.44	248.49	-158.19	-1,472.47	-6,749.51	1,491.40	1,320.85	170.55	8.745		
10,100.00	6,697.49	17,204.79	8,011.16	164.45	251.02	-158.26	-1,464.50	-6,843.36	1,432.57	1,260.93	171.65	8.346		
10,200.00	6,753.70	17,290.44	8,011.49	166.46	253.32	-158.38	-1,456.01	-6,928.59	1,373.11	1,200.38	172.73	7.950		
10,300.00	6,809.91	17,365.91	8,011.77	168.48	255.35	-158.48	-1,448.88	-7,003.71	1,313.76	1,139.57	174.19	7.542		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,866.12	17,439.10	8,012.07	170.49	257.31	-158.53	-1,443.07	-7,076.67	1,254.81	1,078.88	175.94	7.132		
10,500.00	6,922.34	17,512.53	8,012.36	172.50	259.28	-158.50	-1,438.74	-7,149.98	1,196.36	1,018.34	178.01	6.721		
10,600.00	6,978.55	17,585.50	8,012.60	174.52	261.24	-158.36	-1,436.21	-7,222.89	1,138.45	957.88	180.57	6.305		
10,700.00	7,034.76	17,658.08	8,012.83	176.53	263.19	-158.10	-1,435.57	-7,295.48	1,081.19	897.47	183.72	5.885		
10,800.00	7,090.98	17,729.00	8,013.05	178.54	265.08	-157.68	-1,436.97	-7,366.38	1,024.70	837.06	187.64	5.461		
10,900.00	7,147.19	17,800.13	8,013.30	180.56	266.97	-157.06	-1,440.77	-7,437.40	969.21	776.66	192.54	5.034		
11,000.00	7,203.40	17,872.72	8,013.65	182.57	268.88	-156.20	-1,447.17	-7,509.70	914.88	716.21	198.67	4.605		
11,100.00	7,259.61	17,950.21	8,014.10	184.58	270.92	-155.04	-1,455.85	-7,586.70	861.57	655.46	206.11	4.180		
11,200.00	7,315.83	18,012.00	8,014.37	186.60	272.53	-153.97	-1,463.39	-7,648.03	809.07	594.71	214.36	3.774		
11,300.00	7,372.04	18,012.00	8,014.37	188.61	272.53	-153.97	-1,463.39	-7,648.03	763.58	543.16	220.42	3.464		
11,400.00	7,428.25	18,012.00	8,014.37	190.63	272.53	-153.97	-1,463.39	-7,648.03	729.05	505.00	224.04	3.254		
11,500.00	7,484.46	18,012.00	8,014.37	192.64	272.53	-153.97	-1,463.39	-7,648.03	707.08	482.84	224.24	3.153 SF		
11,600.00	7,540.68	18,012.00	8,014.37	194.65	272.53	-153.97	-1,463.39	-7,648.03	698.87	478.53	220.34	3.172 ES		
11,607.72	7,545.02	18,012.00	8,014.37	194.81	272.53	-153.97	-1,463.39	-7,648.03	698.83	478.96	219.87	3.178 CC		
11,700.00	7,596.89	18,012.00	8,014.37	196.67	272.53	-153.97	-1,463.39	-7,648.03	704.90	492.55	212.35	3.320		
11,800.00	7,653.10	18,012.00	8,014.37	198.68	272.53	-153.97	-1,463.39	-7,648.03	724.80	523.81	200.99	3.606		
11,900.00	7,708.64	18,012.00	8,014.37	200.71	272.53	-154.23	-1,463.39	-7,648.03	758.23	570.73	187.51	4.044		
12,000.00	7,753.02	18,012.00	8,014.37	202.96	272.53	-154.04	-1,463.39	-7,648.03	813.62	640.10	173.52	4.689		
12,100.00	7,781.64	18,012.00	8,014.37	205.41	272.53	-151.95	-1,463.39	-7,648.03	888.64	727.39	161.25	5.511		
12,200.00	7,793.64	18,012.00	8,014.37	207.95	272.53	-146.23	-1,463.39	-7,648.03	976.80	824.97	151.83	6.434		
12,300.00	7,794.00	18,012.00	8,014.37	210.49	272.53	-144.16	-1,463.39	-7,648.03	1,071.22	926.32	144.90	7.393		
12,400.00	7,794.00	18,012.00	8,014.37	213.04	272.53	-144.16	-1,463.39	-7,648.03	1,166.66	1,027.50	139.17	8.383		
12,500.00	7,794.00	18,012.00	8,014.37	215.58	272.53	-144.16	-1,463.39	-7,648.03	1,262.81	1,128.44	134.37	9.398		
12,600.00	7,794.00	18,012.00	8,014.37	218.14	272.53	-144.16	-1,463.39	-7,648.03	1,359.52	1,229.20	130.31	10.433		
12,700.00	7,794.00	18,012.00	8,014.37	220.69	272.53	-144.16	-1,463.39	-7,648.03	1,456.67	1,329.80	126.86	11.482		
12,800.00	7,794.00	18,012.00	8,014.37	223.25	272.53	-144.16	-1,463.39	-7,648.03	1,554.18	1,430.27	123.91	12.543		
12,900.00	7,794.00	18,012.00	8,014.37	225.81	272.53	-144.16	-1,463.39	-7,648.03	1,651.99	1,530.63	121.36	13.613		
13,000.00	7,794.00	18,012.00	8,014.37	228.37	272.53	-144.16	-1,463.39	-7,648.03	1,750.05	1,630.90	119.14	14.689		
13,100.00	7,794.00	18,012.00	8,014.37	230.94	272.53	-144.16	-1,463.39	-7,648.03	1,848.31	1,731.10	117.21	15.769		
13,200.00	7,794.00	18,012.00	8,014.37	233.51	272.53	-144.16	-1,463.39	-7,648.03	1,946.75	1,831.24	115.51	16.853		
13,300.00	7,794.00	18,012.00	8,014.37	236.08	272.53	-144.16	-1,463.39	-7,648.03	2,045.35	1,931.33	114.02	17.939		
13,400.00	7,794.00	18,012.00	8,014.37	238.66	272.53	-144.16	-1,463.39	-7,648.03	2,144.07	2,031.38	112.69	19.025		
13,500.00	7,794.00	18,012.00	8,014.37	241.24	272.53	-144.16	-1,463.39	-7,648.03	2,242.91	2,131.39	111.52	20.113		
13,600.00	7,794.00	18,012.00	8,014.37	243.82	272.53	-144.16	-1,463.39	-7,648.03	2,341.84	2,231.38	110.47	21.199		
13,700.00	7,794.00	18,012.00	8,014.37	246.40	272.53	-144.16	-1,463.39	-7,648.03	2,440.86	2,331.34	109.53	22.286		
13,800.00	7,794.00	18,012.00	8,014.37	248.99	272.53	-144.16	-1,463.39	-7,648.03	2,539.96	2,431.28	108.68	23.371		
13,900.00	7,794.00	18,012.00	8,014.37	251.58	272.53	-144.16	-1,463.39	-7,648.03	2,639.13	2,531.21	107.92	24.455		
14,000.00	7,794.00	18,012.00	8,014.37	254.17	272.53	-144.16	-1,463.39	-7,648.03	2,738.36	2,631.13	107.23	25.537		
14,100.00	7,794.00	18,012.00	8,014.37	256.76	272.53	-144.16	-1,463.39	-7,648.03	2,837.64	2,731.03	106.60	26.618		
14,200.00	7,794.00	18,012.00	8,014.37	259.36	272.53	-144.16	-1,463.39	-7,648.03	2,936.97	2,830.93	106.04	27.697		
14,300.00	7,794.00	18,012.00	8,014.37	261.95	272.53	-144.16	-1,463.39	-7,648.03	3,036.34	2,930.82	105.52	28.775		
14,400.00	7,794.00	18,012.00	8,014.37	264.55	272.53	-144.16	-1,463.39	-7,648.03	3,135.76	3,030.71	105.05	29.850		
14,500.00	7,794.00	18,012.00	8,014.37	267.15	272.53	-144.16	-1,463.39	-7,648.03	3,235.21	3,130.59	104.62	30.923		
14,600.00	7,794.00	18,012.00	8,014.37	269.76	272.53	-144.16	-1,463.39	-7,648.03	3,334.69	3,230.47	104.23	31.995		
14,700.00	7,794.00	18,012.00	8,014.37	272.36	272.53	-144.16	-1,463.39	-7,648.03	3,434.20	3,330.34	103.86	33.064		
14,800.00	7,794.00	18,012.00	8,014.37	274.97	272.53	-144.16	-1,463.39	-7,648.03	3,533.75	3,430.21	103.53	34.132		
14,900.00	7,794.00	18,012.00	8,014.37	277.58	272.53	-144.16	-1,463.39	-7,648.03	3,633.31	3,530.08	103.23	35.197		
15,000.00	7,794.00	18,012.00	8,014.37	280.19	272.53	-144.16	-1,463.39	-7,648.03	3,732.90	3,629.95	102.95	36.261		
15,100.00	7,794.00	18,012.00	8,014.37	282.80	272.53	-144.16	-1,463.39	-7,648.03	3,832.51	3,729.82	102.69	37.322		
15,200.00	7,794.00	18,012.00	8,014.37	285.41	272.53	-144.16	-1,463.39	-7,648.03	3,932.14	3,829.69	102.45	38.381		
15,300.00	7,794.00	18,012.00	8,014.37	288.03	272.53	-144.16	-1,463.39	-7,648.03	4,031.79	3,929.56	102.23	39.439		
15,400.00	7,794.00	18,012.00	8,014.37	290.64	272.53	-144.16	-1,463.39	-7,648.03	4,131.46	4,029.43	102.03	40.494		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,794.00	18,012.00	8,014.37	293.26	272.53	-144.16	-1,463.39	-7,648.03	4,231.14	4,129.30	101.84	41.547		
15,600.00	7,794.00	18,012.00	8,014.37	295.88	272.53	-144.16	-1,463.39	-7,648.03	4,330.83	4,229.17	101.67	42.599		
15,700.00	7,794.00	18,012.00	8,014.37	298.50	272.53	-144.16	-1,463.39	-7,648.03	4,430.54	4,329.04	101.51	43.648		
15,800.00	7,794.00	18,012.00	8,014.37	301.12	272.53	-144.16	-1,463.39	-7,648.03	4,530.26	4,428.91	101.36	44.696		
15,900.00	7,794.00	18,012.00	8,014.37	303.75	272.53	-144.16	-1,463.39	-7,648.03	4,630.00	4,528.78	101.22	45.742		
16,000.00	7,794.00	18,012.00	8,014.37	306.37	272.53	-144.16	-1,463.39	-7,648.03	4,729.74	4,628.65	101.09	46.785		
16,100.00	7,794.00	18,012.00	8,014.37	309.00	272.53	-144.16	-1,463.39	-7,648.03	4,829.50	4,728.52	100.98	47.827		
16,200.00	7,794.00	18,012.00	8,014.37	311.62	272.53	-144.16	-1,463.39	-7,648.03	4,929.27	4,828.40	100.87	48.867		
16,300.00	7,794.00	18,012.00	8,014.37	314.25	272.53	-144.16	-1,463.39	-7,648.03	5,029.04	4,928.27	100.77	49.905		
16,400.00	7,794.00	18,012.00	8,014.37	316.88	272.53	-144.16	-1,463.39	-7,648.03	5,128.83	5,028.15	100.68	50.942		
16,500.00	7,794.00	18,012.00	8,014.37	319.51	272.53	-144.16	-1,463.39	-7,648.03	5,228.62	5,128.02	100.60	51.976		
16,600.00	7,794.00	18,012.00	8,014.37	322.15	272.53	-144.16	-1,463.39	-7,648.03	5,328.42	5,227.90	100.52	53.009		
16,700.00	7,794.00	18,012.00	8,014.37	324.78	272.53	-144.16	-1,463.39	-7,648.03	5,428.23	5,327.78	100.45	54.039		
16,800.00	7,794.00	18,012.00	8,014.37	327.41	272.53	-144.16	-1,463.39	-7,648.03	5,528.04	5,427.66	100.39	55.068		
16,900.00	7,794.00	18,012.00	8,014.37	330.05	272.53	-144.16	-1,463.39	-7,648.03	5,627.86	5,527.54	100.33	56.095		
17,000.00	7,794.00	18,012.00	8,014.37	332.68	272.53	-144.16	-1,463.39	-7,648.03	5,727.69	5,627.42	100.27	57.120		
17,100.00	7,794.00	18,012.00	8,014.37	335.32	272.53	-144.16	-1,463.39	-7,648.03	5,827.52	5,727.30	100.23	58.144		
17,200.00	7,794.00	18,012.00	8,014.37	337.96	272.53	-144.16	-1,463.39	-7,648.03	5,927.36	5,827.18	100.18	59.165		
17,300.00	7,794.00	18,012.00	8,014.37	340.60	272.53	-144.16	-1,463.39	-7,648.03	6,027.21	5,927.06	100.14	60.185		
17,400.00	7,794.00	18,012.00	8,014.37	343.24	272.53	-144.16	-1,463.39	-7,648.03	6,127.06	6,026.94	100.11	61.203		
17,500.00	7,794.00	18,012.00	8,014.37	345.88	272.53	-144.16	-1,463.39	-7,648.03	6,226.91	6,126.83	100.08	62.219		
17,600.00	7,794.00	18,012.00	8,014.37	348.52	272.53	-144.16	-1,463.39	-7,648.03	6,326.77	6,226.71	100.05	63.234		
17,700.00	7,794.00	18,012.00	8,014.37	351.16	272.53	-144.16	-1,463.39	-7,648.03	6,426.63	6,326.60	100.03	64.246		
17,800.00	7,794.00	18,012.00	8,014.37	353.81	272.53	-144.16	-1,463.39	-7,648.03	6,526.50	6,426.49	100.01	65.257		
17,900.00	7,794.00	18,012.00	8,014.37	356.45	272.53	-144.16	-1,463.39	-7,648.03	6,626.37	6,526.37	100.00	66.266		
18,000.00	7,794.00	18,012.00	8,014.37	359.09	272.53	-144.16	-1,463.39	-7,648.03	6,726.24	6,626.26	99.98	67.273		
18,100.00	7,794.00	18,012.00	8,014.37	361.74	272.53	-144.16	-1,463.39	-7,648.03	6,826.12	6,726.15	99.97	68.279		
18,200.00	7,794.00	18,012.00	8,014.37	364.39	272.53	-144.16	-1,463.39	-7,648.03	6,926.01	6,826.04	99.97	69.283		
18,300.00	7,794.00	18,012.00	8,014.37	367.03	272.53	-144.16	-1,463.39	-7,648.03	7,025.89	6,925.93	99.96	70.284		
18,400.00	7,794.00	18,012.00	8,014.37	369.68	272.53	-144.16	-1,463.39	-7,648.03	7,125.78	7,025.82	99.96	71.285		
18,500.00	7,794.00	18,012.00	8,014.37	372.33	272.53	-144.16	-1,463.39	-7,648.03	7,225.67	7,125.71	99.96	72.283		
18,600.00	7,794.00	18,012.00	8,014.37	374.98	272.53	-144.16	-1,463.39	-7,648.03	7,325.57	7,225.60	99.97	73.279		
18,700.00	7,794.00	18,012.00	8,014.37	377.63	272.53	-144.16	-1,463.39	-7,648.03	7,425.46	7,325.49	99.97	74.274		
18,800.00	7,794.00	18,012.00	8,014.37	380.28	272.53	-144.16	-1,463.39	-7,648.03	7,525.37	7,425.38	99.98	75.267		
18,900.00	7,794.00	18,012.00	8,014.37	382.93	272.53	-144.16	-1,463.39	-7,648.03	7,625.27	7,525.28	99.99	76.258		
19,000.00	7,794.00	18,012.00	8,014.37	385.58	272.53	-144.16	-1,463.39	-7,648.03	7,725.17	7,625.17	100.01	77.248		
19,100.00	7,794.00	18,012.00	8,014.37	388.24	272.53	-144.16	-1,463.39	-7,648.03	7,825.08	7,725.06	100.02	78.235		
19,200.00	7,794.00	18,012.00	8,014.37	390.89	272.53	-144.16	-1,463.39	-7,648.03	7,924.99	7,824.96	100.04	79.221		
19,300.00	7,794.00	18,012.00	8,014.37	393.55	272.53	-144.16	-1,463.39	-7,648.03	8,024.90	7,924.85	100.05	80.205		
19,400.00	7,794.00	18,012.00	8,014.37	396.20	272.53	-144.16	-1,463.39	-7,648.03	8,124.82	8,024.74	100.07	81.188		
19,500.00	7,794.00	18,012.00	8,014.37	398.85	272.53	-144.16	-1,463.39	-7,648.03	8,224.74	8,124.64	100.10	82.168		
19,600.00	7,794.00	18,012.00	8,014.37	401.51	272.53	-144.16	-1,463.39	-7,648.03	8,324.65	8,224.53	100.12	83.147		
19,700.00	7,794.00	18,012.00	8,014.37	404.17	272.53	-144.16	-1,463.39	-7,648.03	8,424.58	8,324.43	100.14	84.124		
19,800.00	7,794.00	18,012.00	8,014.37	406.82	272.53	-144.16	-1,463.39	-7,648.03	8,524.50	8,424.33	100.17	85.099		
19,900.00	7,794.00	18,012.00	8,014.37	409.48	272.53	-144.16	-1,463.39	-7,648.03	8,624.42	8,524.22	100.20	86.072		
20,000.00	7,794.00	18,012.00	8,014.37	412.14	272.53	-144.16	-1,463.39	-7,648.03	8,724.35	8,624.12	100.23	87.044		
20,100.00	7,794.00	18,012.00	8,014.37	414.80	272.53	-144.16	-1,463.39	-7,648.03	8,824.28	8,724.02	100.26	88.014		
20,200.00	7,794.00	18,012.00	8,014.37	417.46	272.53	-144.16	-1,463.39	-7,648.03	8,924.21	8,823.91	100.29	88.981		
20,300.00	7,794.00	18,012.00	8,014.37	420.12	272.53	-144.16	-1,463.39	-7,648.03	9,024.14	8,923.81	100.33	89.948		
20,400.00	7,794.00	18,012.00	8,014.37	422.78	272.53	-144.16	-1,463.39	-7,648.03	9,124.07	9,023.71	100.36	90.912		
20,500.00	7,794.00	18,012.00	8,014.37	425.44	272.53	-144.16	-1,463.39	-7,648.03	9,224.00	9,123.60	100.40	91.874		
20,600.00	7,794.00	18,012.00	8,014.37	428.10	272.53	-144.16	-1,463.39	-7,648.03	9,323.94	9,223.50	100.44	92.835		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 25-MWD OWSG													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,700.00	7,794.00	18,012.00	8,014.37	430.76	272.53	-144.16	-1,463.39	-7,648.03	9,423.87	9,323.40	100.47	93.794	
20,800.00	7,794.00	18,012.00	8,014.37	433.42	272.53	-144.16	-1,463.39	-7,648.03	9,523.81	9,423.30	100.51	94.751	
20,900.00	7,794.00	18,012.00	8,014.37	436.08	272.53	-144.16	-1,463.39	-7,648.03	9,623.75	9,523.20	100.55	95.706	
21,000.00	7,794.00	18,012.00	8,014.37	438.74	272.53	-144.16	-1,463.39	-7,648.03	9,723.69	9,623.10	100.60	96.660	
21,100.00	7,794.00	18,012.00	8,014.37	441.41	272.53	-144.16	-1,463.39	-7,648.03	9,823.63	9,722.99	100.64	97.612	
21,200.00	7,794.00	18,012.00	8,014.37	444.07	272.53	-144.16	-1,463.39	-7,648.03	9,923.58	9,822.89	100.68	98.561	
21,300.00	7,794.00	18,012.00	8,014.37	446.74	272.53	-144.16	-1,463.39	-7,648.03	10,023.52	9,922.79	100.73	99.509	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	52.61	52.61	0.27	0.10	134.55	-2,131.97	2,165.94	3,039.18	3,038.81	0.37	8,292.122		
200.00	200.00	165.66	165.66	0.63	0.50	134.55	-2,131.66	2,165.76	3,038.87	3,037.74	1.13	2,697.815		
300.00	300.00	253.19	253.19	0.99	0.81	134.55	-2,131.54	2,165.56	3,038.61	3,036.82	1.79	1,694.093		
400.00	400.00	352.75	352.75	1.34	1.16	134.55	-2,131.73	2,165.28	3,038.54	3,036.04	2.50	1,213.575		
500.00	500.00	452.61	452.61	1.70	1.51	134.56	-2,132.01	2,164.95	3,038.50	3,035.28	3.22	944.530		
504.45	504.45	457.18	457.18	1.72	1.53	-126.86	-2,132.02	2,164.94	3,038.50	3,035.25	3.25	935.277		
600.00	599.98	552.01	552.01	2.05	1.87	-126.86	-2,132.36	2,164.50	3,039.47	3,035.55	3.92	775.309		
700.00	699.84	648.74	648.73	2.40	2.21	-126.88	-2,132.75	2,164.19	3,042.66	3,038.05	4.61	659.749		
800.00	799.45	749.06	749.06	2.76	2.57	-126.92	-2,133.13	2,163.88	3,047.96	3,042.63	5.33	572.268		
900.00	898.70	844.41	844.40	3.13	2.91	-126.96	-2,133.54	2,163.59	3,055.40	3,049.37	6.03	506.400		
1,000.00	997.47	940.39	940.38	3.53	3.25	-127.03	-2,133.88	2,163.59	3,065.13	3,058.38	6.75	453.823		
1,100.00	1,095.62	1,035.57	1,035.56	3.95	3.58	-127.11	-2,134.13	2,163.74	3,077.07	3,069.58	7.49	411.038		
1,200.00	1,193.06	1,137.22	1,137.21	4.41	3.93	-127.22	-2,134.40	2,163.95	3,091.22	3,082.95	8.26	374.039		
1,300.00	1,289.64	1,230.25	1,230.24	4.91	4.26	-127.32	-2,134.59	2,164.08	3,107.48	3,098.44	9.04	343.796		
1,400.00	1,385.27	1,325.37	1,325.36	5.45	4.58	-127.43	-2,134.73	2,164.41	3,126.09	3,116.25	9.85	317.526		
1,500.00	1,479.82	1,423.22	1,423.21	6.04	4.92	-127.57	-2,134.80	2,164.75	3,146.91	3,136.22	10.69	294.345		
1,600.00	1,573.17	1,511.01	1,511.00	6.69	5.22	-127.66	-2,134.84	2,165.08	3,170.05	3,158.51	11.54	274.779		
1,700.00	1,665.21	1,600.83	1,600.81	7.39	5.54	-127.76	-2,135.04	2,165.46	3,195.65	3,183.22	12.43	257.120		
1,800.00	1,755.84	1,695.78	1,695.76	8.16	5.87	-127.89	-2,135.25	2,165.82	3,223.58	3,210.20	13.37	241.020		
1,900.00	1,844.94	1,784.92	1,784.90	9.00	6.18	-127.99	-2,135.12	2,166.31	3,253.81	3,239.48	14.33	227.007		
2,000.00	1,932.39	1,873.45	1,873.43	9.91	6.48	-128.08	-2,135.01	2,166.78	3,286.47	3,271.14	15.33	214.427		
2,100.00	2,018.11	1,964.19	1,964.17	10.89	6.80	-128.18	-2,134.79	2,167.23	3,321.50	3,305.14	16.36	202.979		
2,200.00	2,101.97	2,049.89	2,049.87	11.94	7.09	-128.23	-2,134.46	2,167.60	3,358.88	3,341.46	17.42	192.853		
2,300.00	2,183.88	2,131.26	2,131.24	13.08	7.38	-128.23	-2,134.17	2,167.92	3,398.74	3,380.26	18.49	183.840		
2,400.00	2,263.74	2,211.41	2,211.38	14.28	7.65	-128.21	-2,133.91	2,168.22	3,441.11	3,421.53	19.59	175.695		
2,500.00	2,341.45	2,290.15	2,290.13	15.57	7.93	-128.14	-2,133.79	2,168.39	3,485.95	3,465.24	20.71	168.329		
2,600.00	2,416.92	2,366.10	2,366.08	16.93	8.20	-128.02	-2,133.74	2,168.48	3,533.27	3,511.42	21.85	161.710		
2,700.00	2,490.05	2,439.64	2,439.62	18.37	8.45	-127.85	-2,133.73	2,168.53	3,583.06	3,560.06	23.01	155.751		
2,800.00	2,560.76	2,508.84	2,508.82	19.88	8.70	-127.60	-2,133.75	2,168.57	3,635.32	3,611.16	24.17	150.435		
2,900.00	2,628.95	2,577.14	2,577.11	21.48	8.94	-127.31	-2,133.79	2,168.61	3,690.04	3,664.70	25.34	145.625		
3,000.00	2,694.55	2,644.49	2,644.47	23.15	9.18	-126.96	-2,133.80	2,168.65	3,747.15	3,720.62	26.52	141.279		
3,100.00	2,757.48	2,711.34	2,711.32	24.89	9.41	-126.56	-2,133.80	2,168.63	3,806.56	3,778.85	27.71	137.358		
3,200.00	2,817.66	2,769.78	2,769.76	26.70	9.61	-126.01	-2,133.81	2,168.58	3,868.27	3,839.40	28.88	133.961		
3,300.00	2,875.03	2,824.30	2,824.27	28.58	9.80	-125.49	-2,133.83	2,168.58	3,932.28	3,902.26	30.03	130.953		
3,400.00	2,931.24	2,881.23	2,881.21	30.50	10.00	-126.22	-2,133.83	2,168.60	3,997.60	3,966.42	31.18	128.218		
3,500.00	2,987.46	2,937.99	2,937.97	32.43	10.20	-126.93	-2,133.81	2,168.62	4,063.54	4,031.23	32.31	125.774		
3,600.00	3,043.67	2,994.59	2,994.57	34.37	10.40	-127.63	-2,133.80	2,168.63	4,130.08	4,096.66	33.42	123.590		
3,700.00	3,099.88	3,051.42	3,051.39	36.32	10.60	-128.32	-2,133.79	2,168.64	4,197.19	4,162.68	34.51	121.631		
3,800.00	3,156.09	3,107.99	3,107.97	38.27	10.80	-128.99	-2,133.73	2,168.65	4,264.83	4,229.26	35.58	119.880		
3,900.00	3,212.31	3,162.39	3,162.37	40.23	10.99	-129.62	-2,133.68	2,168.68	4,333.01	4,296.40	36.61	118.344		
4,000.00	3,268.52	3,218.93	3,218.90	42.20	11.18	-130.27	-2,133.64	2,168.72	4,401.71	4,364.07	37.64	116.938		
4,100.00	3,324.73	3,279.39	3,279.37	44.17	11.39	-130.95	-2,133.60	2,168.71	4,470.85	4,432.18	38.67	115.625		
4,200.00	3,380.94	3,335.22	3,335.20	46.15	11.59	-131.57	-2,133.57	2,168.67	4,540.41	4,500.76	39.65	114.508		
4,300.00	3,437.16	3,389.89	3,389.86	48.12	11.77	-132.16	-2,133.57	2,168.64	4,610.42	4,569.80	40.61	113.522		
4,400.00	3,493.37	3,445.08	3,445.06	50.11	11.94	-132.72	-2,133.54	2,168.63	4,680.42	4,639.78	41.56	112.644		
4,500.00	3,549.58	3,500.29	3,500.27	52.09	12.12	-133.26	-2,133.51	2,168.62	4,750.42	4,709.78	42.50	111.822		
4,600.00	3,605.79	3,555.50	3,555.48	54.08	12.30	-133.79	-2,133.48	2,168.61	4,820.42	4,779.78	43.43	111.055		
4,700.00	3,662.01	3,610.71	3,610.69	56.07	12.48	-134.32	-2,133.45	2,168.60	4,890.42	4,849.78	44.35	110.332		
4,800.00	3,718.22	3,665.92	3,665.90	58.06	12.66	-134.82	-2,133.42	2,168.59	4,960.42	4,919.78	45.26	109.655		
4,900.00	3,774.43	3,721.13	3,721.11	60.05	12.84	-135.29	-2,133.39	2,168.58	5,030.42	4,989.78	46.16	109.022		
5,000.00	3,830.65	3,776.34	3,776.32	62.04	13.02	-135.72	-2,133.36	2,168.57	5,100.42	5,059.78	47.05	108.432		
5,100.00	3,886.86	3,832.55	3,832.53	64.04	13.20	-136.12	-2,133.33	2,168.56	5,170.42	5,129.78	47.93	107.882		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	3,943.07	12,863.00	7,893.63	66.03	139.32	-157.25	-1,788.79	-2,657.76	4,228.94	4,140.24	88.70	47.679		
5,300.00	3,999.28	12,939.11	7,894.95	68.03	141.31	-157.10	-1,793.23	-2,733.73	4,174.69	4,083.95	90.74	46.009		
5,400.00	4,055.50	13,020.23	7,896.28	70.03	143.43	-156.92	-1,798.40	-2,814.68	4,120.55	4,027.68	92.87	44.370		
5,500.00	4,111.71	13,101.58	7,897.62	72.03	145.56	-156.73	-1,803.71	-2,895.84	4,066.48	3,971.45	95.03	42.790		
5,600.00	4,167.92	13,190.18	7,899.18	74.03	147.88	-156.53	-1,809.08	-2,984.26	4,012.42	3,915.12	97.29	41.242		
5,700.00	4,224.13	13,260.85	7,900.46	76.03	149.73	-156.37	-1,813.41	-3,054.79	3,958.44	3,859.05	99.40	39.825		
5,800.00	4,280.35	13,341.76	7,901.86	78.03	151.85	-156.16	-1,819.24	-3,135.48	3,904.74	3,803.07	101.67	38.407		
5,900.00	4,336.56	13,431.38	7,903.13	80.04	154.19	-155.91	-1,826.17	-3,224.82	3,850.97	3,746.89	104.09	36.997		
6,000.00	4,392.77	13,512.64	7,903.88	82.04	156.32	-155.66	-1,833.25	-3,305.76	3,797.17	3,690.68	106.49	35.657		
6,100.00	4,448.98	13,679.56	7,905.53	84.04	160.69	-155.19	-1,844.87	-3,472.24	3,743.36	3,633.60	109.76	34.104		
6,200.00	4,505.20	13,787.95	7,906.39	86.05	163.57	-154.95	-1,847.34	-3,580.59	3,687.70	3,575.45	112.25	32.852		
6,300.00	4,561.41	13,990.58	7,908.16	88.05	168.95	-154.73	-1,838.66	-3,782.93	3,630.02	3,515.16	114.86	31.604		
6,400.00	4,617.62	14,077.37	7,908.84	90.06	171.27	-154.70	-1,830.91	-3,869.37	3,571.11	3,454.36	116.75	30.587		
6,500.00	4,673.83	14,141.00	7,909.41	92.07	172.96	-154.68	-1,825.40	-3,932.76	3,512.37	3,393.74	118.62	29.610		
6,600.00	4,730.05	14,208.16	7,909.98	94.07	174.75	-154.63	-1,820.50	-3,999.74	3,453.98	3,333.43	120.55	28.651		
6,700.00	4,786.26	14,268.52	7,910.39	96.08	176.36	-154.57	-1,817.34	-4,060.01	3,396.06	3,273.50	122.56	27.710		
6,800.00	4,842.47	14,329.00	7,910.82	98.09	177.97	-154.48	-1,815.26	-4,120.46	3,338.68	3,214.05	124.64	26.787		
6,900.00	4,898.68	14,386.03	7,911.37	100.09	179.49	-154.38	-1,814.04	-4,177.47	3,281.89	3,155.12	126.77	25.888		
7,000.00	4,954.90	14,475.56	7,912.50	102.10	181.88	-154.21	-1,812.65	-4,266.98	3,225.54	3,096.44	129.10	24.984		
7,100.00	5,011.11	14,559.92	7,913.15	104.11	184.13	-154.06	-1,810.85	-4,351.32	3,168.64	3,037.22	131.42	24.111		
7,200.00	5,067.32	14,624.10	7,913.75	106.12	185.84	-153.92	-1,810.22	-4,415.49	3,112.21	2,978.48	133.73	23.273		
7,300.00	5,123.53	14,706.00	7,914.29	108.13	188.03	-153.71	-1,810.38	-4,497.39	3,055.96	2,919.75	136.22	22.435		
7,400.00	5,179.75	14,781.87	7,914.72	110.14	190.05	-153.51	-1,810.93	-4,573.26	2,999.84	2,861.10	138.74	21.621		
7,500.00	5,235.96	14,852.17	7,915.33	112.15	191.92	-153.31	-1,811.55	-4,643.55	2,944.03	2,802.74	141.29	20.836		
7,600.00	5,292.17	14,931.30	7,916.08	114.16	194.03	-153.07	-1,812.91	-4,722.66	2,888.57	2,744.58	143.98	20.062		
7,700.00	5,348.38	15,028.81	7,917.02	116.17	196.62	-152.78	-1,813.78	-4,820.16	2,832.91	2,686.14	146.77	19.301		
7,800.00	5,404.60	15,127.67	7,918.05	118.18	199.26	-152.50	-1,812.92	-4,919.01	2,776.78	2,627.30	149.49	18.576		
7,900.00	5,460.81	15,211.60	7,918.84	120.19	201.51	-152.28	-1,811.50	-5,002.94	2,720.34	2,568.20	152.15	17.879		
8,000.00	5,517.02	15,289.81	7,919.58	122.20	203.60	-152.05	-1,810.69	-5,081.13	2,664.15	2,509.26	154.89	17.200		
8,100.00	5,573.24	15,413.33	7,920.65	124.21	206.90	-151.72	-1,807.15	-5,204.59	2,607.35	2,449.76	157.59	16.545		
8,200.00	5,629.45	15,512.83	7,921.34	126.22	209.56	-151.51	-1,801.24	-5,303.92	2,549.42	2,389.37	160.05	15.929		
8,300.00	5,685.66	15,585.48	7,921.94	128.23	211.51	-151.37	-1,796.53	-5,376.41	2,491.46	2,328.85	162.61	15.322		
8,400.00	5,741.87	15,650.00	7,922.50	130.24	213.24	-151.21	-1,793.35	-5,440.85	2,434.03	2,268.69	165.34	14.722		
8,500.00	5,798.09	15,713.61	7,923.09	132.25	214.94	-151.01	-1,791.25	-5,504.42	2,377.22	2,208.99	168.22	14.131		
8,600.00	5,854.30	15,797.71	7,923.90	134.26	217.19	-150.72	-1,789.44	-5,588.49	2,320.85	2,149.61	171.24	13.554		
8,700.00	5,910.51	15,871.31	7,924.34	136.28	219.16	-150.45	-1,787.86	-5,662.08	2,264.28	2,089.93	174.35	12.987		
8,800.00	5,966.72	15,933.00	7,924.89	138.29	220.81	-150.18	-1,787.83	-5,723.76	2,208.62	2,030.93	177.69	12.429		
8,900.00	6,022.94	16,017.63	7,925.70	140.30	223.07	-149.78	-1,788.48	-5,808.39	2,153.41	1,972.18	181.23	11.882		
9,000.00	6,079.15	16,079.62	7,926.18	142.31	224.73	-149.45	-1,789.36	-5,870.37	2,098.38	1,913.48	184.90	11.349		
9,100.00	6,135.36	16,143.08	7,926.64	144.32	226.41	-149.06	-1,792.05	-5,933.77	2,044.37	1,855.46	188.91	10.822		
9,200.00	6,191.57	16,222.08	7,927.22	146.34	228.51	-148.51	-1,796.36	-6,012.65	1,990.96	1,797.68	193.28	10.301		
9,300.00	6,247.79	16,398.88	7,928.59	148.35	233.24	-147.48	-1,796.53	-6,189.35	1,935.81	1,738.59	197.22	9.815		
9,400.00	6,304.00	16,518.47	7,929.38	150.36	236.44	-147.02	-1,787.55	-6,308.59	1,877.78	1,677.75	200.03	9.387		
9,500.00	6,360.21	16,590.23	7,929.69	152.37	238.37	-146.73	-1,781.66	-6,380.11	1,819.36	1,615.79	203.57	8.937		
9,600.00	6,416.42	16,648.23	7,929.93	154.39	239.92	-146.46	-1,777.71	-6,437.98	1,761.52	1,553.94	207.59	8.486		
9,700.00	6,472.64	16,711.03	7,930.33	156.40	241.61	-146.10	-1,774.98	-6,500.71	1,704.80	1,492.90	211.90	8.045		
9,800.00	6,528.85	16,782.00	7,930.65	158.41	243.51	-145.62	-1,773.10	-6,571.66	1,648.74	1,432.24	216.50	7.615		
9,900.00	6,585.06	16,837.91	7,930.86	160.42	245.01	-145.17	-1,773.04	-6,627.56	1,593.74	1,372.07	221.67	7.190		
10,000.00	6,641.27	16,907.54	7,931.19	162.44	246.87	-144.49	-1,775.27	-6,697.16	1,540.25	1,312.85	227.40	6.773		
10,100.00	6,697.49	17,005.00	7,931.74	164.45	249.47	-143.54	-1,777.04	-6,794.59	1,486.52	1,253.26	233.26	6.373		
10,200.00	6,753.70	17,088.08	7,932.19	166.46	251.69	-142.69	-1,777.78	-6,877.68	1,432.63	1,193.30	239.33	5.986		
10,300.00	6,809.91	17,163.78	7,932.44	168.48	253.72	-141.83	-1,779.12	-6,953.36	1,379.23	1,133.30	245.93	5.608		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,866.12	17,242.28	7,932.80	170.49	255.81	-140.86	-1,780.91	-7,031.83	1,326.44	1,073.44	253.00	5.243		
10,500.00	6,922.34	17,323.58	7,933.42	172.50	257.99	-139.80	-1,782.68	-7,113.12	1,274.15	1,013.68	260.47	4.892		
10,600.00	6,978.55	17,422.69	7,934.15	174.52	260.64	-138.42	-1,784.03	-7,212.21	1,221.88	953.67	268.21	4.556		
10,700.00	7,034.76	17,507.99	7,934.78	176.53	262.93	-137.20	-1,783.50	-7,297.51	1,169.03	892.83	276.20	4.233		
10,800.00	7,090.98	17,581.54	7,935.51	178.54	264.90	-136.06	-1,783.11	-7,371.05	1,116.84	831.95	284.89	3.920		
10,900.00	7,147.19	17,661.57	7,936.14	180.56	267.04	-134.64	-1,784.20	-7,451.07	1,065.92	771.42	294.51	3.619		
11,000.00	7,203.40	17,762.37	7,936.68	182.57	269.74	-132.74	-1,783.92	-7,551.87	1,014.59	710.29	304.30	3.334		
11,100.00	7,259.61	17,851.96	7,937.33	184.58	272.15	-130.97	-1,781.54	-7,641.42	962.77	648.32	314.45	3.062		
11,200.00	7,315.83	17,867.00	7,937.45	186.60	272.55	-130.66	-1,781.07	-7,656.45	913.87	587.15	326.72	2.797		
11,300.00	7,372.04	17,867.00	7,937.45	188.61	272.55	-130.66	-1,781.07	-7,656.45	873.59	535.95	337.64	2.587		
11,400.00	7,428.25	17,867.00	7,937.45	190.63	272.55	-130.66	-1,781.07	-7,656.45	843.30	497.68	345.62	2.440		
11,500.00	7,484.46	17,867.00	7,937.45	192.64	272.55	-130.66	-1,781.07	-7,656.45	824.11	474.49	349.62	2.357		
11,600.00	7,540.68	17,867.00	7,937.45	194.65	272.55	-130.66	-1,781.07	-7,656.45	816.80	467.94	348.86	2.341 ES, SF		
11,609.99	7,546.29	17,867.00	7,937.45	194.86	272.55	-130.66	-1,781.07	-7,656.45	816.74	468.24	348.51	2.344 CC		
11,700.00	7,596.89	17,867.00	7,937.45	196.67	272.55	-130.66	-1,781.07	-7,656.45	821.69	478.56	343.13	2.395		
11,800.00	7,653.10	17,867.00	7,937.45	198.68	272.55	-130.66	-1,781.07	-7,656.45	838.55	505.69	332.86	2.519		
11,900.00	7,708.64	17,867.00	7,937.45	200.71	272.55	-130.54	-1,781.07	-7,656.45	867.34	548.41	318.93	2.720		
12,000.00	7,753.02	17,867.00	7,937.45	202.96	272.55	-128.42	-1,781.07	-7,656.45	915.75	614.20	301.55	3.037		
12,100.00	7,781.64	17,867.00	7,937.45	205.41	272.55	-123.16	-1,781.07	-7,656.45	982.44	699.27	283.16	3.470		
12,200.00	7,793.64	17,867.00	7,937.45	207.95	272.55	-113.35	-1,781.07	-7,656.45	1,062.18	796.08	266.10	3.992		
12,300.00	7,794.00	17,867.00	7,937.45	210.49	272.55	-110.56	-1,781.07	-7,656.45	1,148.90	897.61	251.28	4.572		
12,400.00	7,794.00	17,867.00	7,937.45	213.04	272.55	-110.56	-1,781.07	-7,656.45	1,237.71	999.43	238.28	5.194		
12,500.00	7,794.00	17,867.00	7,937.45	215.58	272.55	-110.56	-1,781.07	-7,656.45	1,328.12	1,101.27	226.85	5.855		
12,600.00	7,794.00	17,867.00	7,937.45	218.14	272.55	-110.56	-1,781.07	-7,656.45	1,419.81	1,203.05	216.76	6.550		
12,700.00	7,794.00	17,867.00	7,937.45	220.69	272.55	-110.56	-1,781.07	-7,656.45	1,512.56	1,304.73	207.83	7.278		
12,800.00	7,794.00	17,867.00	7,937.45	223.25	272.55	-110.56	-1,781.07	-7,656.45	1,606.17	1,406.28	199.89	8.035		
12,900.00	7,794.00	17,867.00	7,937.45	225.81	272.55	-110.56	-1,781.07	-7,656.45	1,700.52	1,507.71	192.81	8.820		
13,000.00	7,794.00	17,867.00	7,937.45	228.37	272.55	-110.56	-1,781.07	-7,656.45	1,795.47	1,609.01	186.46	9.629		
13,100.00	7,794.00	17,867.00	7,937.45	230.94	272.55	-110.56	-1,781.07	-7,656.45	1,890.95	1,710.19	180.76	10.461		
13,200.00	7,794.00	17,867.00	7,937.45	233.51	272.55	-110.56	-1,781.07	-7,656.45	1,986.87	1,811.26	175.61	11.314		
13,300.00	7,794.00	17,867.00	7,937.45	236.08	272.55	-110.56	-1,781.07	-7,656.45	2,083.18	1,912.23	170.95	12.186		
13,400.00	7,794.00	17,867.00	7,937.45	238.66	272.55	-110.56	-1,781.07	-7,656.45	2,179.81	2,013.09	166.72	13.075		
13,500.00	7,794.00	17,867.00	7,937.45	241.24	272.55	-110.56	-1,781.07	-7,656.45	2,276.74	2,113.88	162.87	13.979		
13,600.00	7,794.00	17,867.00	7,937.45	243.82	272.55	-110.56	-1,781.07	-7,656.45	2,373.93	2,214.58	159.34	14.898		
13,700.00	7,794.00	17,867.00	7,937.45	246.40	272.55	-110.56	-1,781.07	-7,656.45	2,471.33	2,315.21	156.12	15.830		
13,800.00	7,794.00	17,867.00	7,937.45	248.99	272.55	-110.56	-1,781.07	-7,656.45	2,568.94	2,415.78	153.16	16.773		
13,900.00	7,794.00	17,867.00	7,937.45	251.58	272.55	-110.56	-1,781.07	-7,656.45	2,666.72	2,516.29	150.44	17.727		
14,000.00	7,794.00	17,867.00	7,937.45	254.17	272.55	-110.56	-1,781.07	-7,656.45	2,764.67	2,616.74	147.92	18.690		
14,100.00	7,794.00	17,867.00	7,937.45	256.76	272.55	-110.56	-1,781.07	-7,656.45	2,862.75	2,717.15	145.60	19.662		
14,200.00	7,794.00	17,867.00	7,937.45	259.36	272.55	-110.56	-1,781.07	-7,656.45	2,960.97	2,817.52	143.45	20.641		
14,300.00	7,794.00	17,867.00	7,937.45	261.95	272.55	-110.56	-1,781.07	-7,656.45	3,059.30	2,917.84	141.46	21.627		
14,400.00	7,794.00	17,867.00	7,937.45	264.55	272.55	-110.56	-1,781.07	-7,656.45	3,157.73	3,018.13	139.60	22.620		
14,500.00	7,794.00	17,867.00	7,937.45	267.15	272.55	-110.56	-1,781.07	-7,656.45	3,256.26	3,118.38	137.88	23.617		
14,600.00	7,794.00	17,867.00	7,937.45	269.76	272.55	-110.56	-1,781.07	-7,656.45	3,354.88	3,218.61	136.27	24.620		
14,700.00	7,794.00	17,867.00	7,937.45	272.36	272.55	-110.56	-1,781.07	-7,656.45	3,453.57	3,318.81	134.76	25.627		
14,800.00	7,794.00	17,867.00	7,937.45	274.97	272.55	-110.56	-1,781.07	-7,656.45	3,552.34	3,418.98	133.36	26.637		
14,900.00	7,794.00	17,867.00	7,937.45	277.58	272.55	-110.56	-1,781.07	-7,656.45	3,651.18	3,519.13	132.04	27.651		
15,000.00	7,794.00	17,867.00	7,937.45	280.19	272.55	-110.56	-1,781.07	-7,656.45	3,750.07	3,619.26	130.81	28.668		
15,100.00	7,794.00	17,867.00	7,937.45	282.80	272.55	-110.56	-1,781.07	-7,656.45	3,849.03	3,719.37	129.65	29.687		
15,200.00	7,794.00	17,867.00	7,937.45	285.41	272.55	-110.56	-1,781.07	-7,656.45	3,948.04	3,819.47	128.57	30.708		
15,300.00	7,794.00	17,867.00	7,937.45	288.03	272.55	-110.56	-1,781.07	-7,656.45	4,047.09	3,919.55	127.55	31.731		
15,400.00	7,794.00	17,867.00	7,937.45	290.64	272.55	-110.56	-1,781.07	-7,656.45	4,146.19	4,019.61	126.58	32.755		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	7,794.00	17,867.00	7,937.45	293.26	272.55	-110.56	-1,781.07	-7,656.45	4,245.34	4,119.66	125.68	33.780		
15,600.00	7,794.00	17,867.00	7,937.45	295.88	272.55	-110.56	-1,781.07	-7,656.45	4,344.52	4,219.70	124.82	34.806		
15,700.00	7,794.00	17,867.00	7,937.45	298.50	272.55	-110.56	-1,781.07	-7,656.45	4,443.74	4,319.73	124.01	35.833		
15,800.00	7,794.00	17,867.00	7,937.45	301.12	272.55	-110.56	-1,781.07	-7,656.45	4,542.99	4,419.74	123.25	36.860		
15,900.00	7,794.00	17,867.00	7,937.45	303.75	272.55	-110.56	-1,781.07	-7,656.45	4,642.28	4,519.75	122.53	37.887		
16,000.00	7,794.00	17,867.00	7,937.45	306.37	272.55	-110.56	-1,781.07	-7,656.45	4,741.59	4,619.75	121.85	38.915		
16,100.00	7,794.00	17,867.00	7,937.45	309.00	272.55	-110.56	-1,781.07	-7,656.45	4,840.94	4,719.74	121.20	39.942		
16,200.00	7,794.00	17,867.00	7,937.45	311.62	272.55	-110.56	-1,781.07	-7,656.45	4,940.31	4,819.72	120.59	40.969		
16,300.00	7,794.00	17,867.00	7,937.45	314.25	272.55	-110.56	-1,781.07	-7,656.45	5,039.70	4,919.70	120.01	41.996		
16,400.00	7,794.00	17,867.00	7,937.45	316.88	272.55	-110.56	-1,781.07	-7,656.45	5,139.12	5,019.67	119.45	43.022		
16,500.00	7,794.00	17,867.00	7,937.45	319.51	272.55	-110.56	-1,781.07	-7,656.45	5,238.56	5,119.63	118.93	44.047		
16,600.00	7,794.00	17,867.00	7,937.45	322.15	272.55	-110.56	-1,781.07	-7,656.45	5,338.03	5,219.59	118.43	45.072		
16,700.00	7,794.00	17,867.00	7,937.45	324.78	272.55	-110.56	-1,781.07	-7,656.45	5,437.51	5,319.55	117.96	46.096		
16,800.00	7,794.00	17,867.00	7,937.45	327.41	272.55	-110.56	-1,781.07	-7,656.45	5,537.01	5,419.49	117.51	47.118		
16,900.00	7,794.00	17,867.00	7,937.45	330.05	272.55	-110.56	-1,781.07	-7,656.45	5,636.52	5,519.44	117.09	48.140		
17,000.00	7,794.00	17,867.00	7,937.45	332.68	272.55	-110.56	-1,781.07	-7,656.45	5,736.06	5,619.38	116.68	49.161		
17,100.00	7,794.00	17,867.00	7,937.45	335.32	272.55	-110.56	-1,781.07	-7,656.45	5,835.61	5,719.32	116.29	50.181		
17,200.00	7,794.00	17,867.00	7,937.45	337.96	272.55	-110.56	-1,781.07	-7,656.45	5,935.18	5,819.25	115.92	51.199		
17,300.00	7,794.00	17,867.00	7,937.45	340.60	272.55	-110.56	-1,781.07	-7,656.45	6,034.76	5,919.18	115.57	52.217		
17,400.00	7,794.00	17,867.00	7,937.45	343.24	272.55	-110.56	-1,781.07	-7,656.45	6,134.35	6,019.11	115.24	53.232		
17,500.00	7,794.00	17,867.00	7,937.45	345.88	272.55	-110.56	-1,781.07	-7,656.45	6,233.96	6,119.04	114.92	54.247		
17,600.00	7,794.00	17,867.00	7,937.45	348.52	272.55	-110.56	-1,781.07	-7,656.45	6,333.58	6,218.96	114.61	55.260		
17,700.00	7,794.00	17,867.00	7,937.45	351.16	272.55	-110.56	-1,781.07	-7,656.45	6,433.21	6,318.88	114.32	56.272		
17,800.00	7,794.00	17,867.00	7,937.45	353.81	272.55	-110.56	-1,781.07	-7,656.45	6,532.85	6,418.80	114.05	57.282		
17,900.00	7,794.00	17,867.00	7,937.45	356.45	272.55	-110.56	-1,781.07	-7,656.45	6,632.50	6,518.72	113.78	58.291		
18,000.00	7,794.00	17,867.00	7,937.45	359.09	272.55	-110.56	-1,781.07	-7,656.45	6,732.16	6,618.63	113.53	59.298		
18,100.00	7,794.00	17,867.00	7,937.45	361.74	272.55	-110.56	-1,781.07	-7,656.45	6,831.84	6,718.55	113.29	60.304		
18,200.00	7,794.00	17,867.00	7,937.45	364.39	272.55	-110.56	-1,781.07	-7,656.45	6,931.52	6,818.46	113.06	61.308		
18,300.00	7,794.00	17,867.00	7,937.45	367.03	272.55	-110.56	-1,781.07	-7,656.45	7,031.21	6,918.37	112.84	62.310		
18,400.00	7,794.00	17,867.00	7,937.45	369.68	272.55	-110.56	-1,781.07	-7,656.45	7,130.91	7,018.28	112.63	63.311		
18,500.00	7,794.00	17,867.00	7,937.45	372.33	272.55	-110.56	-1,781.07	-7,656.45	7,230.62	7,118.19	112.43	64.311		
18,600.00	7,794.00	17,867.00	7,937.45	374.98	272.55	-110.56	-1,781.07	-7,656.45	7,330.34	7,218.09	112.24	65.308		
18,700.00	7,794.00	17,867.00	7,937.45	377.63	272.55	-110.56	-1,781.07	-7,656.45	7,430.06	7,318.00	112.06	66.304		
18,800.00	7,794.00	17,867.00	7,937.45	380.28	272.55	-110.56	-1,781.07	-7,656.45	7,529.79	7,417.91	111.89	67.298		
18,900.00	7,794.00	17,867.00	7,937.45	382.93	272.55	-110.56	-1,781.07	-7,656.45	7,629.53	7,517.81	111.72	68.291		
19,000.00	7,794.00	17,867.00	7,937.45	385.58	272.55	-110.56	-1,781.07	-7,656.45	7,729.28	7,617.71	111.56	69.282		
19,100.00	7,794.00	17,867.00	7,937.45	388.24	272.55	-110.56	-1,781.07	-7,656.45	7,829.03	7,717.62	111.41	70.271		
19,200.00	7,794.00	17,867.00	7,937.45	390.89	272.55	-110.56	-1,781.07	-7,656.45	7,928.79	7,817.52	111.27	71.258		
19,300.00	7,794.00	17,867.00	7,937.45	393.55	272.55	-110.56	-1,781.07	-7,656.45	8,028.55	7,917.42	111.13	72.244		
19,400.00	7,794.00	17,867.00	7,937.45	396.20	272.55	-110.56	-1,781.07	-7,656.45	8,128.32	8,017.32	111.00	73.228		
19,500.00	7,794.00	17,867.00	7,937.45	398.85	272.55	-110.56	-1,781.07	-7,656.45	8,228.09	8,117.22	110.88	74.210		
19,600.00	7,794.00	17,867.00	7,937.45	401.51	272.55	-110.56	-1,781.07	-7,656.45	8,327.88	8,217.12	110.76	75.190		
19,700.00	7,794.00	17,867.00	7,937.45	404.17	272.55	-110.56	-1,781.07	-7,656.45	8,427.66	8,317.02	110.64	76.169		
19,800.00	7,794.00	17,867.00	7,937.45	406.82	272.55	-110.56	-1,781.07	-7,656.45	8,527.45	8,416.91	110.54	77.146		
19,900.00	7,794.00	17,867.00	7,937.45	409.48	272.55	-110.56	-1,781.07	-7,656.45	8,627.25	8,516.81	110.44	78.121		
20,000.00	7,794.00	17,867.00	7,937.45	412.14	272.55	-110.56	-1,781.07	-7,656.45	8,727.05	8,616.71	110.34	79.094		
20,100.00	7,794.00	17,867.00	7,937.45	414.80	272.55	-110.56	-1,781.07	-7,656.45	8,826.85	8,716.61	110.25	80.065		
20,200.00	7,794.00	17,867.00	7,937.45	417.46	272.55	-110.56	-1,781.07	-7,656.45	8,926.66	8,816.50	110.16	81.035		
20,300.00	7,794.00	17,867.00	7,937.45	420.12	272.55	-110.56	-1,781.07	-7,656.45	9,026.48	8,916.40	110.08	82.003		
20,400.00	7,794.00	17,867.00	7,937.45	422.78	272.55	-110.56	-1,781.07	-7,656.45	9,126.29	9,016.30	110.00	82.969		
20,500.00	7,794.00	17,867.00	7,937.45	425.44	272.55	-110.56	-1,781.07	-7,656.45	9,226.12	9,116.19	109.92	83.933		
20,600.00	7,794.00	17,867.00	7,937.45	428.10	272.55	-110.56	-1,781.07	-7,656.45	9,325.94	9,216.09	109.85	84.896		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,700.00	7,794.00	17,867.00	7,937.45	430.76	272.55	-110.56	-1,781.07	-7,656.45	9,425.77	9,315.98	109.79	85.856	
20,800.00	7,794.00	17,867.00	7,937.45	433.42	272.55	-110.56	-1,781.07	-7,656.45	9,525.60	9,415.88	109.72	86.815	
20,900.00	7,794.00	17,867.00	7,937.45	436.08	272.55	-110.56	-1,781.07	-7,656.45	9,625.44	9,515.78	109.66	87.772	
21,000.00	7,794.00	17,867.00	7,937.45	438.74	272.55	-110.56	-1,781.07	-7,656.45	9,725.28	9,615.67	109.61	88.728	
21,100.00	7,794.00	17,867.00	7,937.45	441.41	272.55	-110.56	-1,781.07	-7,656.45	9,825.12	9,715.56	109.56	89.681	
21,200.00	7,794.00	17,867.00	7,937.45	444.07	272.55	-110.56	-1,781.07	-7,656.45	9,924.97	9,815.46	109.51	90.633	
21,300.00	7,794.00	17,867.00	7,937.45	446.74	272.55	-110.56	-1,781.07	-7,656.45	10,024.82	9,915.35	109.46	91.582	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	58.13	58.13	0.27	0.12	134.97	-2,163.97	2,165.95	3,061.73	3,061.34	0.39	7,896.066		
200.00	200.00	160.16	160.16	0.63	0.48	134.96	-2,163.31	2,166.10	3,061.37	3,060.26	1.11	2,755.335		
300.00	300.00	253.80	253.79	0.99	0.82	134.95	-2,162.51	2,166.64	3,061.17	3,059.37	1.80	1,696.959		
380.07	380.07	331.08	331.07	1.27	1.09	134.93	-2,162.03	2,167.08	3,061.14	3,058.78	2.37	1,293.272		
400.00	400.00	350.53	350.51	1.34	1.16	134.93	-2,161.93	2,167.18	3,061.15	3,058.64	2.51	1,220.634		
500.00	500.00	452.62	452.61	1.70	1.53	134.92	-2,161.43	2,167.66	3,061.14	3,057.91	3.23	947.297		
504.45	504.45	457.05	457.03	1.72	1.54	-126.51	-2,161.41	2,167.68	3,061.14	3,057.87	3.26	938.188		
600.00	599.98	550.82	550.80	2.05	1.88	-126.52	-2,161.11	2,167.96	3,062.15	3,058.22	3.93	778.740		
700.00	699.84	651.53	651.52	2.40	2.24	-126.56	-2,160.92	2,168.12	3,065.26	3,060.62	4.64	661.026		
800.00	799.45	749.23	749.21	2.76	2.57	-126.60	-2,160.92	2,168.14	3,070.48	3,065.15	5.33	576.569		
900.00	898.70	851.16	851.15	3.13	2.91	-126.67	-2,161.01	2,168.10	3,077.82	3,071.79	6.03	510.073		
1,000.00	997.47	952.83	952.81	3.53	3.26	-126.75	-2,161.02	2,167.87	3,087.09	3,080.32	6.76	456.434		
1,100.00	1,095.62	1,046.91	1,046.90	3.95	3.58	-126.84	-2,161.05	2,167.76	3,098.59	3,091.10	7.49	413.702		
1,200.00	1,193.06	1,144.34	1,144.32	4.41	3.92	-126.94	-2,161.03	2,167.79	3,112.33	3,104.07	8.26	376.992		
1,300.00	1,289.64	1,242.28	1,242.26	4.91	4.27	-127.06	-2,160.89	2,167.88	3,128.21	3,119.16	9.05	345.545		
1,400.00	1,385.27	1,342.16	1,342.15	5.45	4.62	-127.21	-2,160.63	2,167.98	3,146.26	3,136.37	9.89	318.215		
1,500.00	1,479.82	1,435.29	1,435.28	6.04	4.95	-127.33	-2,160.24	2,168.09	3,166.48	3,155.76	10.73	295.128		
1,600.00	1,573.17	1,524.32	1,524.30	6.69	5.27	-127.44	-2,159.96	2,168.26	3,189.11	3,177.52	11.59	275.155		
1,700.00	1,665.21	1,612.57	1,612.55	7.39	5.58	-127.54	-2,159.74	2,168.52	3,214.18	3,201.70	12.48	257.472		
1,800.00	1,755.84	1,698.67	1,698.65	8.16	5.89	-127.63	-2,159.45	2,168.98	3,241.72	3,228.32	13.41	241.828		
1,900.00	1,844.94	1,784.10	1,784.08	9.00	6.20	-127.71	-2,159.08	2,169.65	3,271.78	3,257.42	14.36	227.830		
2,000.00	1,932.39	1,869.69	1,869.66	9.91	6.50	-127.78	-2,158.73	2,170.38	3,304.31	3,288.96	15.35	215.218		
2,100.00	2,018.11	1,955.28	1,955.25	10.89	6.80	-127.84	-2,158.34	2,171.17	3,339.32	3,322.93	16.38	203.838		
2,200.00	2,101.97	2,040.11	2,040.08	11.94	7.11	-127.89	-2,157.96	2,171.90	3,376.75	3,359.31	17.44	193.581		
2,300.00	2,183.88	2,121.03	2,120.99	13.08	7.40	-127.89	-2,157.61	2,172.57	3,416.67	3,398.14	18.52	184.449		
2,400.00	2,263.74	2,207.40	2,207.36	14.28	7.70	-127.91	-2,157.31	2,173.17	3,459.03	3,439.38	19.65	176.019		
2,500.00	2,341.45	2,292.78	2,292.74	15.57	7.99	-127.91	-2,157.36	2,173.21	3,503.66	3,482.86	20.80	168.430		
2,600.00	2,416.92	2,370.80	2,370.76	16.93	8.26	-127.81	-2,157.31	2,173.21	3,550.69	3,528.74	21.95	161.754		
2,700.00	2,490.05	2,446.84	2,446.80	18.37	8.53	-127.66	-2,157.30	2,173.10	3,600.14	3,577.02	23.12	155.732		
2,800.00	2,560.76	2,516.83	2,516.79	19.88	8.76	-127.42	-2,157.35	2,172.94	3,652.03	3,627.75	24.28	150.437		
2,900.00	2,628.95	2,582.88	2,582.84	21.48	8.99	-127.11	-2,157.39	2,172.83	3,706.38	3,680.93	25.44	145.683		
3,000.00	2,694.55	2,647.62	2,647.58	23.15	9.22	-126.73	-2,157.35	2,172.82	3,763.18	3,736.56	26.62	141.377		
3,100.00	2,757.48	2,716.01	2,715.97	24.89	9.46	-126.35	-2,157.25	2,172.78	3,822.29	3,794.47	27.82	137.377		
3,200.00	2,817.66	2,769.33	2,769.29	26.70	9.64	-125.74	-2,157.20	2,172.73	3,883.73	3,854.76	28.97	134.054		
3,300.00	2,875.03	2,819.00	2,818.96	28.58	9.81	-125.16	-2,157.25	2,172.75	3,947.55	3,917.44	30.11	131.111		
3,400.00	2,931.24	2,873.72	2,873.68	30.50	10.00	-125.86	-2,157.34	2,172.83	4,012.72	3,981.47	31.25	128.394		
3,500.00	2,987.46	2,932.08	2,932.04	32.43	10.21	-126.59	-2,157.40	2,172.93	4,078.54	4,046.15	32.39	125.904		
3,600.00	3,043.67	2,998.14	2,998.10	34.37	10.44	-127.41	-2,157.40	2,172.96	4,144.87	4,111.32	33.55	123.545		
3,700.00	3,099.88	3,053.11	3,053.06	36.32	10.62	-128.07	-2,157.37	2,172.93	4,211.71	4,177.08	34.63	121.603		
3,800.00	3,156.09	3,106.49	3,106.45	38.27	10.81	-128.70	-2,157.38	2,172.91	4,279.14	4,243.45	35.69	119.887		
3,900.00	3,212.31	3,162.03	3,161.99	40.23	11.00	-129.35	-2,157.36	2,172.93	4,347.13	4,310.38	36.74	118.314		
4,000.00	3,268.52	3,217.62	3,217.58	42.20	11.20	-129.99	-2,157.25	2,173.01	4,415.62	4,377.85	37.77	116.904		
4,100.00	3,324.73	3,273.71	3,273.67	44.17	11.39	-130.62	-2,157.22	2,173.05	4,484.60	4,445.82	38.78	115.630		
4,200.00	3,380.94	3,328.06	3,328.01	46.15	11.58	-131.21	-2,157.27	2,173.07	4,554.04	4,514.27	39.77	114.508		
4,300.00	3,437.16	3,381.41	3,381.37	48.12	11.77	-131.79	-2,157.27	2,173.13	4,623.96	4,583.23	40.73	113.517		
4,400.00	3,493.37	3,444.79	3,444.75	50.11	11.99	-132.46	-2,157.26	2,173.19	4,694.27	4,652.54	41.72	112.506		
4,500.00	3,549.58	3,506.87	3,506.82	52.09	12.20	-133.11	-2,157.30	2,173.12	4,764.89	4,722.20	42.69	111.610		
4,600.00	3,605.79	3,563.08	3,563.03	54.08	12.41	-133.65	-2,157.30	2,173.12	4,836.11	4,793.42	43.66	110.777		
4,700.00	3,662.01	3,619.30	3,619.25	56.07	12.62	-134.19	-2,157.30	2,173.12	4,907.33	4,864.64	44.63	109.999		
4,800.00	3,718.22	3,675.51	3,675.46	58.06	12.83	-134.73	-2,157.30	2,173.12	4,978.55	4,936.86	45.60	109.275		
4,900.00	3,774.43	3,731.72	3,731.67	60.05	13.04	-135.27	-2,157.30	2,173.12	5,049.77	5,008.08	46.57	108.599		
5,000.00	3,830.65	3,788.00	3,787.95	62.04	13.25	-135.81	-2,157.30	2,173.12	5,120.99	5,079.30	47.54	107.971		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,886.86	12,973.74	7,984.23	64.04	139.80	-153.38	-2,085.78	-2,657.37	4,472.56	4,377.79	94.77	47.195		
5,200.00	3,943.07	13,010.18	7,984.75	66.03	140.76	-153.31	-2,086.41	-2,693.80	4,417.44	4,320.88	96.56	45.748		
5,300.00	3,999.28	13,125.79	7,986.59	68.03	143.81	-153.08	-2,087.95	-2,809.38	4,362.33	4,263.20	99.13	44.006		
5,400.00	4,055.50	13,197.00	7,987.93	70.03	145.69	-152.95	-2,088.13	-2,880.57	4,307.16	4,205.88	101.28	42.529		
5,500.00	4,111.71	13,265.07	7,989.12	72.03	147.49	-152.81	-2,089.10	-2,948.63	4,252.27	4,148.83	103.44	41.107		
5,600.00	4,167.92	13,325.51	7,989.96	74.03	149.08	-152.67	-2,091.09	-3,009.03	4,197.76	4,092.15	105.61	39.749		
5,700.00	4,224.13	13,386.00	7,990.99	76.03	150.67	-152.52	-2,093.69	-3,069.45	4,143.81	4,035.99	107.82	38.433		
5,800.00	4,280.35	13,697.18	7,994.73	78.03	158.89	-151.93	-2,090.23	-3,379.98	4,087.82	3,975.85	111.97	36.507		
5,900.00	4,336.56	13,735.32	7,995.33	80.04	159.90	-151.89	-2,087.28	-3,418.00	4,029.96	3,916.09	113.87	35.390		
6,000.00	4,392.77	13,764.00	7,995.74	82.04	160.67	-151.86	-2,085.82	-3,446.64	3,973.02	3,857.24	115.77	34.317		
6,100.00	4,448.98	13,828.16	7,996.39	84.04	162.37	-151.73	-2,084.67	-3,510.78	3,916.73	3,798.72	118.00	33.192		
6,200.00	4,505.20	13,879.81	7,996.58	86.05	163.73	-151.59	-2,085.67	-3,562.42	3,861.15	3,740.90	120.25	32.109		
6,300.00	4,561.41	13,932.26	7,996.71	88.05	165.12	-151.43	-2,087.84	-3,614.82	3,806.26	3,683.67	122.59	31.048		
6,400.00	4,617.62	13,952.00	7,996.77	90.06	165.64	-151.37	-2,088.92	-3,634.53	3,752.31	3,627.67	124.64	30.105		
6,500.00	4,673.83	14,007.15	7,997.00	92.07	167.08	-151.16	-2,093.35	-3,689.50	3,699.19	3,572.01	127.17	29.088		
6,600.00	4,730.05	14,047.00	7,997.30	94.07	168.12	-150.99	-2,098.07	-3,729.07	3,647.42	3,517.80	129.62	28.139		
6,700.00	4,786.26	14,256.00	7,998.99	96.08	173.59	-150.12	-2,117.50	-3,937.07	3,595.44	3,461.15	134.29	26.774		
6,800.00	4,842.47	14,358.50	7,999.95	98.09	176.30	-149.78	-2,120.70	-4,039.52	3,541.05	3,403.72	137.33	25.785		
6,900.00	4,898.68	14,438.34	8,000.42	100.09	178.42	-149.49	-2,123.68	-4,119.30	3,486.67	3,346.44	140.23	24.863		
7,000.00	4,954.90	14,542.94	8,000.89	102.10	181.19	-149.12	-2,127.08	-4,223.84	3,432.11	3,288.70	143.41	23.932		
7,100.00	5,011.11	14,643.10	8,001.35	104.11	183.86	-148.77	-2,128.78	-4,323.99	3,377.05	3,230.54	146.51	23.050		
7,200.00	5,067.32	14,728.07	8,001.82	106.12	186.12	-148.48	-2,129.61	-4,408.95	3,321.87	3,172.36	149.50	22.220		
7,300.00	5,123.53	14,956.25	8,003.88	108.13	192.20	-147.84	-2,121.57	-4,636.74	3,266.24	3,113.38	152.86	21.368		
7,400.00	5,179.75	15,044.58	8,004.49	110.14	194.54	-147.72	-2,111.40	-4,724.45	3,206.67	3,051.40	155.28	20.651		
7,500.00	5,235.96	15,083.00	8,004.66	112.15	195.57	-147.63	-2,108.45	-4,762.76	3,148.32	2,990.40	157.93	19.935		
7,600.00	5,292.17	15,112.88	8,004.79	114.16	196.36	-147.54	-2,107.17	-4,792.60	3,091.20	2,930.52	160.68	19.238		
7,700.00	5,348.38	15,147.63	8,004.94	116.17	197.29	-147.42	-2,106.77	-4,827.35	3,035.37	2,871.81	163.56	18.558		
7,800.00	5,404.60	15,178.00	8,005.08	118.18	198.10	-147.28	-2,107.40	-4,857.71	2,980.90	2,814.38	166.52	17.901		
7,900.00	5,460.81	15,238.36	8,005.39	120.19	199.70	-146.99	-2,110.18	-4,918.01	2,927.50	2,757.61	169.88	17.232		
8,000.00	5,517.02	15,367.00	8,006.07	122.20	203.11	-146.34	-2,115.92	-5,046.50	2,874.18	2,700.19	173.99	16.519		
8,100.00	5,573.24	15,413.90	8,006.26	124.21	204.35	-146.10	-2,117.27	-5,093.38	2,820.40	2,643.04	177.36	15.902		
8,200.00	5,629.45	15,461.00	8,006.59	126.22	205.60	-145.82	-2,120.62	-5,140.35	2,768.26	2,587.31	180.95	15.299		
8,300.00	5,685.66	15,489.10	8,006.83	128.23	206.33	-145.64	-2,123.49	-5,168.30	2,717.56	2,533.14	184.42	14.735		
8,400.00	5,741.87	15,531.55	8,007.20	130.24	207.44	-145.33	-2,128.90	-5,210.40	2,668.39	2,480.13	188.26	14.174		
8,500.00	5,798.09	15,577.07	8,007.58	132.25	208.62	-144.97	-2,136.10	-5,255.34	2,620.75	2,428.39	192.36	13.624		
8,600.00	5,854.30	15,626.60	8,007.94	134.26	209.88	-144.53	-2,145.27	-5,304.02	2,574.55	2,377.82	196.74	13.086		
8,700.00	5,910.51	16,033.33	8,009.38	136.28	220.51	-141.47	-2,182.59	-5,707.03	2,525.81	2,319.53	206.28	12.245		
8,800.00	5,966.72	16,115.60	8,009.45	138.29	222.71	-141.01	-2,179.90	-5,789.26	2,470.22	2,259.83	210.40	11.741		
8,900.00	6,022.94	16,206.07	8,009.40	140.30	225.13	-140.47	-2,176.73	-5,879.68	2,414.57	2,199.96	214.61	11.251		
9,000.00	6,079.15	16,287.09	8,009.59	142.31	227.30	-140.00	-2,173.22	-5,960.62	2,358.87	2,139.99	218.88	10.777		
9,100.00	6,135.36	16,353.79	8,009.84	144.32	229.09	-139.58	-2,170.47	-6,027.26	2,303.50	2,080.17	223.33	10.314		
9,200.00	6,191.57	16,426.55	8,010.14	146.34	231.04	-139.09	-2,168.53	-6,100.00	2,248.92	2,020.92	228.00	9.864		
9,300.00	6,247.79	16,538.90	8,010.38	148.35	234.05	-138.32	-2,164.27	-6,212.25	2,193.84	1,961.21	232.63	9.431		
9,400.00	6,304.00	16,635.49	8,010.71	150.36	236.64	-137.66	-2,158.70	-6,308.68	2,138.11	1,900.88	237.23	9.013		
9,500.00	6,360.21	16,735.06	8,010.87	152.37	239.30	-136.96	-2,152.01	-6,408.03	2,081.99	1,840.15	241.84	8.609		
9,600.00	6,416.42	16,782.00	8,011.05	154.39	240.56	-136.64	-2,148.05	-6,454.80	2,025.72	1,778.70	247.02	8.201		
9,700.00	6,472.64	16,844.02	8,011.33	156.40	242.22	-136.17	-2,144.16	-6,516.69	1,970.52	1,718.17	252.34	7.809		
9,800.00	6,528.85	16,876.00	8,011.46	158.41	243.08	-135.88	-2,143.50	-6,548.66	1,917.54	1,659.32	258.22	7.426		
9,900.00	6,585.06	16,918.38	8,011.63	160.42	244.20	-135.44	-2,144.28	-6,591.03	1,866.74	1,602.34	264.39	7.060		
10,000.00	6,641.27	17,135.51	8,012.54	162.44	249.99	-133.06	-2,146.97	-6,807.76	1,818.22	1,547.24	270.98	6.710		
10,100.00	6,697.49	17,256.71	8,013.06	164.45	253.24	-131.96	-2,135.35	-6,928.39	1,762.07	1,486.18	275.88	6.387		
10,200.00	6,753.70	17,316.24	8,013.40	166.46	254.83	-131.40	-2,129.20	-6,987.61	1,705.89	1,423.67	282.22	6.045		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,809.91	17,374.22	8,013.73	168.48	256.38	-130.80	-2,124.27	-7,045.37	1,650.91	1,361.91	289.00	5.713		
10,400.00	6,866.12	17,443.00	8,014.17	170.49	258.23	-129.99	-2,120.21	-7,114.03	1,597.58	1,301.50	296.08	5.396		
10,500.00	6,922.34	17,506.44	8,014.49	172.50	259.93	-129.17	-2,117.45	-7,177.41	1,545.35	1,241.63	303.71	5.088		
10,600.00	6,978.55	17,570.38	8,014.63	174.52	261.65	-128.29	-2,115.07	-7,241.30	1,493.89	1,182.13	311.76	4.792		
10,700.00	7,034.76	17,631.00	8,014.77	176.53	263.27	-127.37	-2,114.57	-7,301.92	1,444.46	1,124.04	320.43	4.508		
10,800.00	7,090.98	17,702.21	8,014.99	178.54	265.18	-126.19	-2,115.05	-7,373.13	1,396.63	1,067.07	329.55	4.238		
10,900.00	7,147.19	17,805.44	8,015.26	180.56	267.95	-124.41	-2,114.83	-7,476.36	1,349.05	1,010.16	338.88	3.981		
11,000.00	7,203.40	17,886.17	8,015.33	182.57	270.11	-122.94	-2,113.65	-7,557.08	1,301.35	952.73	348.62	3.733		
11,100.00	7,259.61	17,974.08	8,015.64	184.58	272.47	-121.24	-2,112.21	-7,644.97	1,254.54	895.86	358.68	3.498		
11,200.00	7,315.83	17,987.00	8,015.73	186.60	272.82	-120.99	-2,111.91	-7,657.89	1,210.31	840.81	369.50	3.276		
11,300.00	7,372.04	17,987.00	8,015.73	188.61	272.82	-120.99	-2,111.91	-7,657.89	1,172.89	793.69	379.19	3.093		
11,400.00	7,428.25	17,987.00	8,015.73	190.63	272.82	-120.99	-2,111.91	-7,657.89	1,143.01	755.97	387.04	2.953		
11,500.00	7,484.46	17,987.00	8,015.73	192.64	272.82	-120.99	-2,111.91	-7,657.89	1,121.28	728.75	392.53	2.857		
11,600.00	7,540.68	17,987.00	8,015.73	194.65	272.82	-120.99	-2,111.91	-7,657.89	1,108.19	712.95	395.24	2.804		
11,695.96	7,594.62	17,987.00	8,015.73	196.59	272.82	-120.99	-2,111.91	-7,657.89	1,104.03	709.05	394.98	2.795 CC, ES, SF		
11,700.00	7,596.89	17,987.00	8,015.73	196.67	272.82	-120.99	-2,111.91	-7,657.89	1,104.04	709.13	394.90	2.796		
11,800.00	7,653.10	17,987.00	8,015.73	198.68	272.82	-120.99	-2,111.91	-7,657.89	1,108.92	717.46	391.46	2.833		
11,900.00	7,708.64	17,987.00	8,015.73	200.71	272.82	-121.09	-2,111.91	-7,657.89	1,123.31	738.33	384.98	2.918		
12,000.00	7,753.02	17,987.00	8,015.73	202.96	272.82	-119.87	-2,111.91	-7,657.89	1,155.20	780.60	374.61	3.084		
12,100.00	7,781.64	17,987.00	8,015.73	205.41	272.82	-116.19	-2,111.91	-7,657.89	1,205.08	843.69	361.39	3.335		
12,200.00	7,793.64	17,987.00	8,015.73	207.95	272.82	-109.58	-2,111.91	-7,657.89	1,269.41	922.34	347.07	3.658		
12,300.00	7,794.00	17,987.00	8,015.73	210.49	272.82	-107.79	-2,111.91	-7,657.89	1,342.68	1,009.65	333.03	4.032		
12,400.00	7,794.00	17,987.00	8,015.73	213.04	272.82	-107.79	-2,111.91	-7,657.89	1,419.34	1,099.56	319.78	4.439		
12,500.00	7,794.00	17,987.00	8,015.73	215.58	272.82	-107.79	-2,111.91	-7,657.89	1,498.76	1,191.37	307.38	4.876		
12,600.00	7,794.00	17,987.00	8,015.73	218.14	272.82	-107.79	-2,111.91	-7,657.89	1,580.51	1,284.66	295.85	5.342		
12,700.00	7,794.00	17,987.00	8,015.73	220.69	272.82	-107.79	-2,111.91	-7,657.89	1,664.26	1,379.09	285.17	5.836		
12,800.00	7,794.00	17,987.00	8,015.73	223.25	272.82	-107.79	-2,111.91	-7,657.89	1,749.71	1,474.42	275.29	6.356		
12,900.00	7,794.00	17,987.00	8,015.73	225.81	272.82	-107.79	-2,111.91	-7,657.89	1,836.63	1,570.47	266.16	6.900		
13,000.00	7,794.00	17,987.00	8,015.73	228.37	272.82	-107.79	-2,111.91	-7,657.89	1,924.83	1,667.10	257.73	7.468		
13,100.00	7,794.00	17,987.00	8,015.73	230.94	272.82	-107.79	-2,111.91	-7,657.89	2,014.13	1,764.19	249.93	8.059		
13,200.00	7,794.00	17,987.00	8,015.73	233.51	272.82	-107.79	-2,111.91	-7,657.89	2,104.39	1,861.66	242.73	8.670		
13,300.00	7,794.00	17,987.00	8,015.73	236.08	272.82	-107.79	-2,111.91	-7,657.89	2,195.49	1,959.44	236.05	9.301		
13,400.00	7,794.00	17,987.00	8,015.73	238.66	272.82	-107.79	-2,111.91	-7,657.89	2,287.34	2,057.47	229.87	9.951		
13,500.00	7,794.00	17,987.00	8,015.73	241.24	272.82	-107.79	-2,111.91	-7,657.89	2,379.84	2,155.71	224.13	10.618		
13,600.00	7,794.00	17,987.00	8,015.73	243.82	272.82	-107.79	-2,111.91	-7,657.89	2,472.93	2,254.14	218.79	11.303		
13,700.00	7,794.00	17,987.00	8,015.73	246.40	272.82	-107.79	-2,111.91	-7,657.89	2,566.54	2,352.71	213.83	12.003		
13,800.00	7,794.00	17,987.00	8,015.73	248.99	272.82	-107.79	-2,111.91	-7,657.89	2,660.61	2,451.41	209.20	12.718		
13,900.00	7,794.00	17,987.00	8,015.73	251.58	272.82	-107.79	-2,111.91	-7,657.89	2,755.11	2,550.23	204.88	13.448		
14,000.00	7,794.00	17,987.00	8,015.73	254.17	272.82	-107.79	-2,111.91	-7,657.89	2,849.97	2,649.13	200.84	14.190		
14,100.00	7,794.00	17,987.00	8,015.73	256.76	272.82	-107.79	-2,111.91	-7,657.89	2,945.18	2,748.12	197.06	14.946		
14,200.00	7,794.00	17,987.00	8,015.73	259.36	272.82	-107.79	-2,111.91	-7,657.89	3,040.69	2,847.18	193.51	15.713		
14,300.00	7,794.00	17,987.00	8,015.73	261.95	272.82	-107.79	-2,111.91	-7,657.89	3,136.49	2,946.30	190.18	16.492		
14,400.00	7,794.00	17,987.00	8,015.73	264.55	272.82	-107.79	-2,111.91	-7,657.89	3,232.54	3,045.48	187.05	17.281		
14,500.00	7,794.00	17,987.00	8,015.73	267.15	272.82	-107.79	-2,111.91	-7,657.89	3,328.82	3,144.71	184.11	18.081		
14,600.00	7,794.00	17,987.00	8,015.73	269.76	272.82	-107.79	-2,111.91	-7,657.89	3,425.31	3,243.98	181.34	18.889		
14,700.00	7,794.00	17,987.00	8,015.73	272.36	272.82	-107.79	-2,111.91	-7,657.89	3,522.00	3,343.28	178.72	19.707		
14,800.00	7,794.00	17,987.00	8,015.73	274.97	272.82	-107.79	-2,111.91	-7,657.89	3,618.87	3,442.62	176.25	20.533		
14,900.00	7,794.00	17,987.00	8,015.73	277.58	272.82	-107.79	-2,111.91	-7,657.89	3,715.91	3,542.00	173.91	21.366		
15,000.00	7,794.00	17,987.00	8,015.73	280.19	272.82	-107.79	-2,111.91	-7,657.89	3,813.10	3,641.40	171.70	22.208		
15,100.00	7,794.00	17,987.00	8,015.73	282.80	272.82	-107.79	-2,111.91	-7,657.89	3,910.43	3,740.82	169.61	23.056		
15,200.00	7,794.00	17,987.00	8,015.73	285.41	272.82	-107.79	-2,111.91	-7,657.89	4,007.89	3,840.27	167.62	23.910		
15,300.00	7,794.00	17,987.00	8,015.73	288.03	272.82	-107.79	-2,111.91	-7,657.89	4,105.48	3,939.74	165.74	24.771		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,400.00	7,794.00	17,987.00	8,015.73	290.64	272.82	-107.79	-2,111.91	-7,657.89	4,203.17	4,039.23	163.95	25.638		
15,500.00	7,794.00	17,987.00	8,015.73	293.26	272.82	-107.79	-2,111.91	-7,657.89	4,300.98	4,138.73	162.24	26.509		
15,600.00	7,794.00	17,987.00	8,015.73	295.88	272.82	-107.79	-2,111.91	-7,657.89	4,398.88	4,238.26	160.62	27.386		
15,700.00	7,794.00	17,987.00	8,015.73	298.50	272.82	-107.79	-2,111.91	-7,657.89	4,496.88	4,337.79	159.08	28.268		
15,800.00	7,794.00	17,987.00	8,015.73	301.12	272.82	-107.79	-2,111.91	-7,657.89	4,594.96	4,437.35	157.61	29.154		
15,900.00	7,794.00	17,987.00	8,015.73	303.75	272.82	-107.79	-2,111.91	-7,657.89	4,693.12	4,536.91	156.21	30.044		
16,000.00	7,794.00	17,987.00	8,015.73	306.37	272.82	-107.79	-2,111.91	-7,657.89	4,791.36	4,636.49	154.87	30.938		
16,100.00	7,794.00	17,987.00	8,015.73	309.00	272.82	-107.79	-2,111.91	-7,657.89	4,889.67	4,736.07	153.59	31.835		
16,200.00	7,794.00	17,987.00	8,015.73	311.62	272.82	-107.79	-2,111.91	-7,657.89	4,988.04	4,835.67	152.37	32.736		
16,300.00	7,794.00	17,987.00	8,015.73	314.25	272.82	-107.79	-2,111.91	-7,657.89	5,086.48	4,935.28	151.20	33.640		
16,400.00	7,794.00	17,987.00	8,015.73	316.88	272.82	-107.79	-2,111.91	-7,657.89	5,184.98	5,034.90	150.09	34.546		
16,500.00	7,794.00	17,987.00	8,015.73	319.51	272.82	-107.79	-2,111.91	-7,657.89	5,283.54	5,134.52	149.02	35.456		
16,600.00	7,794.00	17,987.00	8,015.73	322.15	272.82	-107.79	-2,111.91	-7,657.89	5,382.15	5,234.16	147.99	36.367		
16,700.00	7,794.00	17,987.00	8,015.73	324.78	272.82	-107.79	-2,111.91	-7,657.89	5,480.81	5,333.80	147.01	37.281		
16,800.00	7,794.00	17,987.00	8,015.73	327.41	272.82	-107.79	-2,111.91	-7,657.89	5,579.52	5,433.45	146.07	38.197		
16,900.00	7,794.00	17,987.00	8,015.73	330.05	272.82	-107.79	-2,111.91	-7,657.89	5,678.27	5,533.10	145.17	39.115		
17,000.00	7,794.00	17,987.00	8,015.73	332.68	272.82	-107.79	-2,111.91	-7,657.89	5,777.06	5,632.76	144.30	40.035		
17,100.00	7,794.00	17,987.00	8,015.73	335.32	272.82	-107.79	-2,111.91	-7,657.89	5,875.90	5,732.43	143.47	40.956		
17,200.00	7,794.00	17,987.00	8,015.73	337.96	272.82	-107.79	-2,111.91	-7,657.89	5,974.78	5,832.11	142.67	41.879		
17,300.00	7,794.00	17,987.00	8,015.73	340.60	272.82	-107.79	-2,111.91	-7,657.89	6,073.69	5,931.79	141.90	42.802		
17,400.00	7,794.00	17,987.00	8,015.73	343.24	272.82	-107.79	-2,111.91	-7,657.89	6,172.64	6,031.47	141.16	43.727		
17,500.00	7,794.00	17,987.00	8,015.73	345.88	272.82	-107.79	-2,111.91	-7,657.89	6,271.62	6,131.16	140.45	44.653		
17,600.00	7,794.00	17,987.00	8,015.73	348.52	272.82	-107.79	-2,111.91	-7,657.89	6,370.63	6,230.86	139.77	45.580		
17,700.00	7,794.00	17,987.00	8,015.73	351.16	272.82	-107.79	-2,111.91	-7,657.89	6,469.67	6,330.56	139.11	46.508		
17,800.00	7,794.00	17,987.00	8,015.73	353.81	272.82	-107.79	-2,111.91	-7,657.89	6,568.74	6,430.27	138.48	47.436		
17,900.00	7,794.00	17,987.00	8,015.73	356.45	272.82	-107.79	-2,111.91	-7,657.89	6,667.84	6,529.98	137.87	48.365		
18,000.00	7,794.00	17,987.00	8,015.73	359.09	272.82	-107.79	-2,111.91	-7,657.89	6,766.97	6,629.69	137.28	49.294		
18,100.00	7,794.00	17,987.00	8,015.73	361.74	272.82	-107.79	-2,111.91	-7,657.89	6,866.12	6,729.41	136.71	50.224		
18,200.00	7,794.00	17,987.00	8,015.73	364.39	272.82	-107.79	-2,111.91	-7,657.89	6,965.29	6,829.13	136.16	51.154		
18,300.00	7,794.00	17,987.00	8,015.73	367.03	272.82	-107.79	-2,111.91	-7,657.89	7,064.49	6,928.86	135.64	52.084		
18,400.00	7,794.00	17,987.00	8,015.73	369.68	272.82	-107.79	-2,111.91	-7,657.89	7,163.71	7,028.59	135.13	53.014		
18,500.00	7,794.00	17,987.00	8,015.73	372.33	272.82	-107.79	-2,111.91	-7,657.89	7,262.96	7,128.32	134.64	53.944		
18,600.00	7,794.00	17,987.00	8,015.73	374.98	272.82	-107.79	-2,111.91	-7,657.89	7,362.22	7,228.06	134.16	54.875		
18,700.00	7,794.00	17,987.00	8,015.73	377.63	272.82	-107.79	-2,111.91	-7,657.89	7,461.50	7,327.80	133.71	55.805		
18,800.00	7,794.00	17,987.00	8,015.73	380.28	272.82	-107.79	-2,111.91	-7,657.89	7,560.80	7,427.54	133.27	56.735		
18,900.00	7,794.00	17,987.00	8,015.73	382.93	272.82	-107.79	-2,111.91	-7,657.89	7,660.12	7,527.28	132.84	57.664		
19,000.00	7,794.00	17,987.00	8,015.73	385.58	272.82	-107.79	-2,111.91	-7,657.89	7,759.46	7,627.03	132.43	58.594		
19,100.00	7,794.00	17,987.00	8,015.73	388.24	272.82	-107.79	-2,111.91	-7,657.89	7,858.82	7,726.78	132.03	59.523		
19,200.00	7,794.00	17,987.00	8,015.73	390.89	272.82	-107.79	-2,111.91	-7,657.89	7,958.19	7,826.54	131.65	60.451		
19,300.00	7,794.00	17,987.00	8,015.73	393.55	272.82	-107.79	-2,111.91	-7,657.89	8,057.57	7,926.30	131.27	61.380		
19,400.00	7,794.00	17,987.00	8,015.73	396.20	272.82	-107.79	-2,111.91	-7,657.89	8,156.97	8,026.06	130.92	62.307		
19,500.00	7,794.00	17,987.00	8,015.73	398.85	272.82	-107.79	-2,111.91	-7,657.89	8,256.39	8,125.82	130.57	63.234		
19,600.00	7,794.00	17,987.00	8,015.73	401.51	272.82	-107.79	-2,111.91	-7,657.89	8,355.82	8,225.58	130.23	64.161		
19,700.00	7,794.00	17,987.00	8,015.73	404.17	272.82	-107.79	-2,111.91	-7,657.89	8,455.26	8,325.35	129.91	65.087		
19,800.00	7,794.00	17,987.00	8,015.73	406.82	272.82	-107.79	-2,111.91	-7,657.89	8,554.71	8,425.12	129.59	66.012		
19,900.00	7,794.00	17,987.00	8,015.73	409.48	272.82	-107.79	-2,111.91	-7,657.89	8,654.18	8,524.89	129.29	66.936		
20,000.00	7,794.00	17,987.00	8,015.73	412.14	272.82	-107.79	-2,111.91	-7,657.89	8,753.66	8,624.67	129.00	67.860		
20,100.00	7,794.00	17,987.00	8,015.73	414.80	272.82	-107.79	-2,111.91	-7,657.89	8,853.16	8,724.44	128.71	68.783		
20,200.00	7,794.00	17,987.00	8,015.73	417.46	272.82	-107.79	-2,111.91	-7,657.89	8,952.66	8,824.22	128.44	69.705		
20,300.00	7,794.00	17,987.00	8,015.73	420.12	272.82	-107.79	-2,111.91	-7,657.89	9,052.17	8,924.00	128.17	70.626		
20,400.00	7,794.00	17,987.00	8,015.73	422.78	272.82	-107.79	-2,111.91	-7,657.89	9,151.70	9,023.78	127.91	71.546		
20,500.00	7,794.00	17,987.00	8,015.73	425.44	272.82	-107.79	-2,111.91	-7,657.89	9,251.23	9,123.57	127.66	72.466		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 25-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,600.00	7,794.00	17,987.00	8,015.73	428.10	272.82	-107.79	-2,111.91	-7,657.89	9,350.78	9,223.36	127.42	73.384	
20,700.00	7,794.00	17,987.00	8,015.73	430.76	272.82	-107.79	-2,111.91	-7,657.89	9,450.33	9,323.14	127.19	74.301	
20,800.00	7,794.00	17,987.00	8,015.73	433.42	272.82	-107.79	-2,111.91	-7,657.89	9,549.90	9,422.93	126.96	75.218	
20,900.00	7,794.00	17,987.00	8,015.73	436.08	272.82	-107.79	-2,111.91	-7,657.89	9,649.47	9,522.72	126.74	76.133	
21,000.00	7,794.00	17,987.00	8,015.73	438.74	272.82	-107.79	-2,111.91	-7,657.89	9,749.05	9,622.52	126.53	77.048	
21,100.00	7,794.00	17,987.00	8,015.73	441.41	272.82	-107.79	-2,111.91	-7,657.89	9,848.64	9,722.31	126.33	77.961	
21,200.00	7,794.00	17,987.00	8,015.73	444.07	272.82	-107.79	-2,111.91	-7,657.89	9,948.24	9,822.11	126.13	78.873	
21,300.00	7,794.00	17,987.00	8,015.73	446.74	272.82	-107.79	-2,111.91	-7,657.89	10,047.85	9,921.91	125.94	79.784	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 71-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	0.00	0.00	0.27	0.00	83.60	932.47	8,306.86	8,359.20	8,358.93	0.27	N/A		
152.13	152.13	0.00	0.00	0.46	0.00	83.60	932.47	8,306.86	8,359.04	8,358.58	0.46	N/A CC		
200.00	200.00	27.28	27.28	0.63	0.03	83.60	932.47	8,306.90	8,359.10	8,358.44	0.66	N/A ES		
300.00	300.00	87.08	87.08	0.99	0.14	83.60	932.42	8,307.21	8,359.60	8,358.47	1.13	7,411.299		
400.00	400.00	170.30	170.29	1.34	0.44	83.60	932.05	8,307.97	8,360.45	8,358.66	1.78	4,684.377		
500.00	500.00	272.82	272.81	1.70	0.81	83.60	931.62	8,308.99	8,361.39	8,358.88	2.51	3,329.966		
600.00	599.98	392.16	392.14	2.05	1.24	-177.82	931.24	8,309.98	8,363.93	8,360.64	3.29	2,543.306		
700.00	699.84	488.30	488.28	2.40	1.58	-177.81	930.98	8,310.69	8,369.86	8,365.88	3.98	2,102.732		
800.00	799.45	588.62	588.60	2.76	1.94	-177.80	930.64	8,311.43	8,379.26	8,374.56	4.69	1,785.755		
900.00	898.70	677.77	677.74	3.13	2.26	-177.79	930.32	8,312.15	8,392.19	8,386.83	5.37	1,563.413		
1,000.00	997.47	776.37	776.34	3.53	2.62	-177.78	930.00	8,313.03	8,408.66	8,402.58	6.08	1,382.917		
1,100.00	1,095.62	886.35	886.31	3.95	3.01	-177.77	929.59	8,313.88	8,428.44	8,421.60	6.84	1,232.831		
1,200.00	1,193.06	979.52	979.48	4.41	3.34	-177.75	929.24	8,314.56	8,451.59	8,444.05	7.54	1,121.514		
1,300.00	1,289.64	1,075.24	1,075.20	4.91	3.69	-177.74	928.84	8,315.34	8,478.18	8,469.93	8.25	1,027.975		
1,400.00	1,385.27	1,178.03	1,177.98	5.45	4.06	-177.71	928.35	8,316.11	8,508.05	8,499.07	8.99	946.626		
1,500.00	1,479.82	1,274.33	1,274.28	6.04	4.40	-177.69	927.83	8,316.78	8,541.18	8,531.47	9.71	879.793		
1,600.00	1,573.17	1,373.77	1,373.72	6.69	4.76	-177.67	927.34	8,317.43	8,577.55	8,567.11	10.44	821.326		
1,700.00	1,665.21	1,478.40	1,478.35	7.39	5.13	-177.64	926.78	8,318.00	8,617.04	8,605.84	11.20	769.297		
1,800.00	1,755.84	1,563.57	1,563.51	8.16	5.44	-177.61	926.28	8,318.43	8,659.66	8,647.77	11.89	728.252		
1,900.00	1,844.94	1,672.14	1,672.08	9.00	5.83	-177.57	925.52	8,318.92	8,705.36	8,692.69	12.67	687.138		
2,000.00	1,932.39	1,769.01	1,768.95	9.91	6.17	-177.54	924.91	8,319.17	8,753.97	8,740.56	13.41	652.995		
2,100.00	2,018.11	1,867.58	1,867.52	10.89	6.52	-177.50	924.48	8,319.27	8,805.47	8,791.32	14.15	622.305		
2,200.00	2,101.97	1,953.43	1,953.36	11.94	6.82	-177.45	924.23	8,319.27	8,859.88	8,845.03	14.85	596.721		
2,300.00	2,183.88	2,039.76	2,039.70	13.08	7.12	-177.41	923.97	8,319.25	8,917.14	8,901.59	15.55	573.521		
2,400.00	2,263.74	2,124.35	2,124.28	14.28	7.42	-177.35	923.44	8,319.21	8,977.19	8,960.95	16.24	552.675		
2,500.00	2,341.45	2,207.05	2,206.98	15.57	7.71	-177.29	922.77	8,319.15	9,039.94	9,023.01	16.93	533.908		
2,600.00	2,416.92	2,279.33	2,279.26	16.93	7.96	-177.22	922.20	8,319.09	9,105.37	9,087.79	17.58	517.950		
2,700.00	2,490.05	2,343.41	2,343.33	18.37	8.19	-177.15	921.74	8,319.06	9,173.44	9,155.24	18.19	504.187		
2,800.00	2,560.76	2,403.37	2,403.29	19.88	8.40	-177.06	921.33	8,319.11	9,244.10	9,225.31	18.79	491.969		
2,900.00	2,628.95	2,461.30	2,461.23	21.48	8.61	-176.96	920.98	8,319.22	9,317.26	9,297.89	19.37	480.925		
3,000.00	2,694.55	2,519.89	2,519.82	23.15	8.82	-176.86	920.70	8,319.37	9,392.82	9,372.87	19.95	470.720		
3,100.00	2,757.48	2,578.48	2,578.40	24.89	9.03	-176.74	920.45	8,319.56	9,470.65	9,450.13	20.53	461.354		
3,200.00	2,817.66	2,639.20	2,639.12	26.70	9.25	-176.61	920.20	8,319.76	9,550.64	9,529.53	21.10	452.575		
3,300.00	2,875.03	2,738.76	2,738.68	28.58	9.59	-176.51	920.23	8,319.90	9,632.60	9,610.78	21.82	441.371		
3,400.00	2,931.24	2,838.41	2,838.32	30.50	9.93	-176.58	921.78	8,319.29	9,715.00	9,692.48	22.52	431.363		
3,500.00	2,987.46	2,901.03	2,900.92	32.43	10.13	-176.63	922.93	8,318.73	9,797.28	9,774.20	23.08	424.557		
3,600.00	3,043.67	2,953.40	2,953.28	34.37	10.30	-176.66	923.94	8,318.27	9,879.57	9,855.98	23.59	418.717		
3,700.00	3,099.88	3,009.84	3,009.71	36.32	10.49	-176.70	925.07	8,317.79	9,961.88	9,937.75	24.13	412.783 SF		

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 1AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3576-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
100.00	100.00	46.10	46.10	0.27	0.07	129.55	-1,787.70	2,164.85	2,807.58	2,807.23	0.34	8,217.044	
200.00	200.00	140.19	140.19	0.63	0.22	129.54	-1,787.46	2,165.31	2,807.78	2,806.94	0.85	3,308.288	
300.00	300.00	233.57	233.57	0.99	0.42	129.52	-1,786.98	2,166.22	2,808.21	2,806.80	1.40	2,000.167	
400.00	400.00	447.36	447.28	1.34	1.18	129.44	-1,782.78	2,167.22	2,807.99	2,805.47	2.52	1,112.352	
500.00	500.00	686.93	685.83	1.70	2.07	129.09	-1,761.38	2,167.77	2,803.18	2,799.41	3.76	745.013	
600.00	599.98	1,015.19	1,006.26	2.05	3.54	-133.75	-1,692.11	2,172.04	2,792.26	2,786.77	5.49	508.451	
700.00	699.84	1,113.34	1,100.22	2.40	4.07	-134.50	-1,663.81	2,174.06	2,779.42	2,773.11	6.30	440.896	
800.00	799.45	1,202.27	1,185.21	2.76	4.56	-135.22	-1,637.74	2,176.48	2,769.50	2,762.39	7.11	389.698	
900.00	898.70	1,314.32	1,291.85	3.13	5.20	-136.13	-1,603.60	2,180.41	2,762.36	2,754.30	8.07	342.505	
1,000.00	997.47	1,455.46	1,424.58	3.53	6.07	-137.38	-1,556.01	2,186.38	2,756.80	2,747.55	9.24	298.218	
1,100.00	1,095.62	1,594.21	1,554.05	3.95	6.97	-138.70	-1,506.41	2,192.13	2,753.44	2,742.97	10.47	262.990	
1,200.00	1,193.06	1,704.49	1,656.42	4.41	7.71	-139.79	-1,465.56	2,195.39	2,751.67	2,740.10	11.57	237.783	
1,208.67	1,201.46	1,714.56	1,665.76	4.45	7.78	-139.89	-1,461.78	2,195.69	2,751.66	2,739.99	11.67	235.728 CC	
1,300.00	1,289.64	1,846.87	1,787.57	4.91	8.71	-141.25	-1,410.29	2,199.29	2,752.35	2,739.43	12.92	212.948 ES	
1,400.00	1,385.27	1,948.02	1,878.99	5.45	9.46	-142.37	-1,367.17	2,202.95	2,755.40	2,741.30	14.10	195.444	
1,500.00	1,479.82	2,062.71	1,981.58	6.04	10.35	-143.68	-1,316.11	2,207.49	2,761.69	2,746.28	15.42	179.127	
1,600.00	1,573.17	2,219.07	2,121.76	6.69	11.57	-145.47	-1,246.88	2,209.20	2,769.86	2,752.83	17.03	162.656	
1,700.00	1,665.21	2,305.56	2,199.66	7.39	12.24	-146.39	-1,209.32	2,208.68	2,781.60	2,763.41	18.19	152.923	
1,800.00	1,755.84	2,409.75	2,294.16	8.16	13.04	-147.48	-1,165.49	2,206.76	2,797.16	2,777.68	19.47	143.645	
1,900.00	1,844.94	2,513.52	2,387.90	9.00	13.83	-148.57	-1,121.08	2,203.82	2,815.72	2,794.95	20.77	135.555	
2,000.00	1,932.39	2,586.01	2,453.45	9.91	14.39	-149.24	-1,090.23	2,201.53	2,838.34	2,816.44	21.90	129.628	
2,100.00	2,018.11	2,655.00	2,515.39	10.89	14.93	-149.87	-1,059.87	2,200.11	2,865.38	2,842.36	23.02	124.490	
2,200.00	2,101.97	2,735.49	2,587.19	11.94	15.58	-150.64	-1,023.53	2,198.87	2,896.61	2,872.37	24.24	119.497	
2,300.00	2,183.88	2,799.54	2,644.30	13.08	16.10	-151.16	-994.54	2,197.75	2,931.87	2,906.51	25.36	115.632	
2,400.00	2,263.74	2,857.67	2,696.26	14.28	16.57	-151.57	-968.49	2,196.84	2,971.49	2,945.06	26.43	112.439	
2,500.00	2,341.45	2,915.28	2,748.03	15.57	17.02	-151.93	-943.22	2,195.92	3,015.37	2,987.88	27.49	109.707	
2,600.00	2,416.92	2,992.61	2,817.95	16.93	17.63	-152.53	-910.23	2,194.40	3,063.22	3,034.56	28.66	106.878	
2,700.00	2,490.05	3,035.00	2,856.41	18.37	17.95	-152.59	-892.46	2,193.23	3,114.62	3,085.03	29.59	105.254	
2,800.00	2,560.76	3,088.36	2,904.81	19.88	18.37	-152.77	-870.02	2,192.02	3,169.89	3,139.31	30.58	103.647	
2,900.00	2,628.95	3,129.00	2,941.56	21.48	18.68	-152.73	-852.67	2,191.69	3,229.34	3,197.87	31.47	102.605	
3,000.00	2,694.55	3,156.34	2,966.25	23.15	18.90	-152.42	-840.94	2,191.68	3,292.55	3,260.29	32.26	102.070	
3,100.00	2,757.48	3,193.54	2,999.87	24.89	19.19	-152.21	-825.02	2,191.80	3,359.28	3,326.19	33.09	101.520	
3,200.00	2,817.66	3,231.15	3,033.89	26.70	19.48	-151.94	-808.97	2,192.07	3,429.30	3,395.39	33.90	101.150	
3,300.00	2,875.03	3,284.69	3,082.50	28.58	19.89	-151.99	-786.53	2,192.38	3,502.24	3,467.43	34.80	100.631	
3,400.00	2,931.24	3,336.13	3,129.45	30.50	20.28	-152.89	-765.53	2,192.45	3,576.63	3,540.97	35.66	100.308	
3,500.00	2,987.46	3,384.42	3,173.80	32.43	20.64	-153.70	-746.42	2,192.37	3,651.61	3,615.15	36.46	100.149 SF	
3,600.00	3,043.67	3,431.81	3,217.58	34.37	20.95	-154.48	-728.26	2,192.17	3,727.16	3,689.95	37.21	100.162	
3,700.00	3,099.88	3,477.13	3,259.66	36.32	21.20	-155.19	-711.47	2,191.91	3,803.26	3,765.37	37.88	100.391	
3,800.00	3,156.09	3,523.43	3,302.90	38.27	21.46	-155.89	-694.90	2,191.60	3,879.87	3,841.32	38.55	100.646	
3,900.00	3,212.31	3,570.75	3,347.31	40.23	21.73	-156.58	-678.56	2,191.21	3,956.95	3,917.74	39.21	100.921	
4,000.00	3,268.52	3,576.00	3,352.25	42.20	21.76	-156.66	-676.79	2,191.17	4,034.68	3,995.05	39.63	101.809	
4,100.00	3,324.73	3,622.35	3,395.77	44.17	21.95	-157.32	-660.85	2,191.06	4,112.85	4,072.66	40.19	102.328	
4,200.00	3,380.94	3,645.74	3,417.64	46.15	22.05	-157.65	-652.56	2,191.23	4,191.79	4,151.14	40.65	103.125	
4,300.00	3,437.16	3,670.00	3,440.26	48.12	22.15	-157.99	-643.79	2,191.57	4,271.35	4,230.26	41.09	103.949	
4,400.00	3,493.37	3,692.47	3,461.14	50.11	22.26	-158.31	-635.50	2,192.03	4,351.52	4,309.99	41.52	104.795	
4,500.00	3,549.58	3,715.94	3,482.87	52.09	22.37	-158.64	-626.65	2,192.62	4,432.24	4,390.29	41.95	105.662	
4,600.00	3,605.79	3,738.65	3,503.81	54.08	22.48	-158.97	-617.91	2,193.33	4,513.50	4,471.15	42.35	106.566	
4,700.00	3,662.01	3,764.00	3,527.11	56.07	22.60	-159.33	-607.94	2,194.26	4,595.29	4,552.53	42.76	107.467	
4,800.00	3,718.22	3,805.98	3,565.67	58.06	22.80	-159.91	-591.42	2,195.89	4,677.49	4,634.25	43.24	108.171	
4,900.00	3,774.43	3,856.80	3,612.54	60.05	23.05	-160.60	-571.88	2,197.79	4,759.91	4,716.15	43.76	108.770	
5,000.00	3,830.65	3,884.96	3,638.55	62.04	23.20	-160.97	-561.16	2,198.86	4,842.63	4,798.47	44.16	109.651	
5,100.00	3,886.86	3,911.60	3,663.13	64.04	23.33	-161.31	-550.95	2,199.96	4,925.75	4,881.20	44.55	110.565	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 1AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3576-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	3,952.00	3,700.34	66.03	23.53	-161.83	-535.32	2,201.83	5,009.29	4,964.29	45.00	111.318		
5,300.00	3,999.28	3,992.11	3,737.31	68.03	23.73	-162.34	-519.87	2,203.70	5,093.09	5,047.64	45.44	112.072		
5,400.00	4,055.50	4,063.22	3,803.14	70.03	24.09	-163.20	-493.16	2,206.63	5,176.84	5,130.78	46.06	112.397		
5,500.00	4,111.71	4,102.54	3,839.46	72.03	24.30	-163.67	-478.16	2,208.19	5,260.75	5,214.25	46.50	113.137		
5,600.00	4,167.92	4,142.00	3,875.71	74.03	24.51	-164.14	-462.66	2,209.79	5,344.90	5,297.96	46.93	113.884		
5,700.00	4,224.13	4,254.29	3,979.29	76.03	25.11	-165.41	-419.45	2,213.47	5,428.75	5,380.95	47.80	113.576		
5,800.00	4,280.35	4,282.03	4,004.90	78.03	25.26	-165.71	-408.82	2,214.30	5,512.78	5,464.61	48.17	114.441		
5,900.00	4,336.56	4,309.16	4,029.86	80.04	25.40	-166.00	-398.23	2,215.19	5,597.12	5,548.59	48.53	115.322		
6,000.00	4,392.77	4,347.17	4,064.73	82.04	25.61	-166.42	-383.15	2,216.54	5,681.75	5,632.79	48.96	116.049		
6,100.00	4,448.98	4,429.43	4,140.69	84.04	26.06	-167.26	-351.72	2,219.22	5,766.39	5,716.72	49.67	116.095		
6,200.00	4,505.20	4,425.00	4,136.58	86.05	26.04	-167.22	-353.36	2,219.09	5,851.22	5,801.39	49.83	117.431		
6,300.00	4,561.41	4,466.77	4,175.20	88.05	26.27	-167.64	-337.51	2,220.50	5,936.20	5,885.92	50.28	118.055		
6,400.00	4,617.62	4,486.31	4,193.16	90.06	26.38	-167.83	-329.86	2,221.27	6,021.58	5,970.99	50.59	119.031		
6,500.00	4,673.83	4,520.00	4,223.98	92.07	26.57	-168.17	-316.33	2,222.77	6,107.31	6,056.33	50.98	119.794		
6,600.00	4,730.05	4,614.00	4,310.47	94.07	27.11	-169.08	-279.75	2,226.68	6,193.17	6,141.38	51.79	119.574		
6,700.00	4,786.26	4,639.94	4,334.52	96.08	27.26	-169.31	-270.08	2,227.66	6,278.79	6,226.65	52.14	120.417		
6,800.00	4,842.47	4,663.72	4,356.52	98.09	27.39	-169.53	-261.10	2,228.62	6,364.66	6,312.19	52.47	121.295		
6,900.00	4,898.68	4,709.00	4,398.27	100.09	27.65	-169.93	-243.69	2,230.64	6,450.85	6,397.90	52.95	121.825		
7,000.00	4,954.90	4,772.59	4,457.28	102.10	28.00	-170.48	-220.14	2,233.15	6,536.83	6,483.26	53.57	122.032		
7,100.00	5,011.11	4,841.31	4,521.38	104.11	28.38	-171.04	-195.50	2,235.70	6,622.73	6,568.52	54.22	122.152		
7,200.00	5,067.32	4,863.50	4,542.20	106.12	28.49	-171.21	-187.89	2,236.59	6,708.84	6,654.30	54.53	123.025		
7,300.00	5,123.53	4,937.49	4,611.59	108.13	28.89	-171.77	-162.41	2,239.62	6,795.09	6,739.86	55.23	123.031		
7,400.00	5,179.75	5,075.91	4,740.33	110.14	29.68	-172.82	-111.77	2,243.54	6,880.92	6,824.47	56.45	121.899		
7,500.00	5,235.96	5,138.48	4,798.07	112.15	30.05	-173.29	-87.69	2,244.69	6,966.48	6,909.38	57.10	122.007		
7,600.00	5,292.17	5,201.92	4,856.90	114.16	30.43	-173.75	-63.95	2,245.78	7,052.01	6,994.24	57.77	122.068		
7,700.00	5,348.38	5,266.65	4,916.51	116.17	30.82	-174.22	-38.77	2,246.61	7,137.50	7,079.04	58.46	122.090		
7,800.00	5,404.60	5,517.70	5,148.94	118.18	32.33	-175.88	55.89	2,245.77	7,221.86	7,161.12	60.74	118.902		
7,900.00	5,460.81	5,562.00	5,190.51	120.19	32.58	-176.14	71.19	2,245.24	7,306.08	7,244.81	61.27	119.240		
8,000.00	5,517.02	5,605.48	5,231.29	122.20	32.83	-176.39	86.27	2,244.75	7,390.41	7,328.61	61.80	119.578		
8,100.00	5,573.24	5,642.49	5,265.97	124.21	33.04	-176.60	99.19	2,244.38	7,474.88	7,412.60	62.28	120.016		
8,200.00	5,629.45	5,657.00	5,279.56	126.22	33.12	-176.68	104.28	2,244.25	7,559.54	7,496.97	62.57	120.824		
8,300.00	5,685.66	5,657.00	5,279.56	128.23	33.12	-176.68	104.28	2,244.25	7,644.55	7,581.82	62.72	121.880		
8,400.00	5,741.87	5,696.67	5,316.61	130.24	33.36	-176.91	118.45	2,244.10	7,729.58	7,666.35	63.23	122.243		
8,500.00	5,798.09	5,711.37	5,330.29	132.25	33.45	-176.99	123.83	2,244.15	7,815.01	7,751.50	63.52	123.042		
8,600.00	5,854.30	5,751.00	5,367.03	134.26	33.68	-177.22	138.67	2,244.52	7,900.82	7,836.80	64.02	123.405		
8,700.00	5,910.51	5,751.00	5,367.03	136.28	33.68	-177.22	138.67	2,244.52	7,986.65	7,922.48	64.17	124.460		
8,800.00	5,966.72	5,751.00	5,367.03	138.29	33.68	-177.22	138.67	2,244.52	8,072.80	8,008.48	64.31	125.520		
8,900.00	6,022.94	5,790.22	5,403.32	140.30	33.93	-177.45	153.53	2,245.14	8,159.13	8,094.31	64.82	125.864		
9,000.00	6,079.15	5,822.66	5,433.40	142.31	34.13	-177.63	165.69	2,245.73	8,245.59	8,180.32	65.27	126.324		
9,100.00	6,135.36	5,846.00	5,455.06	144.32	34.27	-177.76	174.37	2,246.20	8,332.19	8,266.55	65.64	126.945		
9,200.00	6,191.57	5,846.00	5,455.06	146.34	34.27	-177.76	174.37	2,246.20	8,419.04	8,353.26	65.78	127.997		
9,300.00	6,247.79	5,879.55	5,486.06	148.35	34.49	-177.94	187.15	2,246.99	8,505.96	8,439.72	66.25	128.400		
9,400.00	6,304.00	5,893.74	5,499.09	150.36	34.59	-178.02	192.76	2,247.37	8,593.17	8,526.64	66.52	129.175		
9,500.00	6,360.21	5,907.62	5,511.79	152.37	34.68	-178.10	198.37	2,247.77	8,680.58	8,613.78	66.80	129.955		
9,600.00	6,416.42	5,941.00	5,542.08	154.39	34.90	-178.30	212.33	2,248.86	8,768.26	8,700.99	67.26	130.356		
9,700.00	6,472.64	5,941.00	5,542.08	156.40	34.90	-178.30	212.33	2,248.86	8,856.00	8,788.60	67.40	131.400		
9,800.00	6,528.85	6,257.26	5,832.01	158.41	36.99	-179.98	338.33	2,255.45	8,942.69	8,871.88	70.80	126.304		
9,900.00	6,585.06	6,272.59	5,846.10	160.42	37.09	-179.95	344.37	2,255.60	9,029.33	8,958.23	71.11	126.984		
10,000.00	6,641.27	6,336.36	5,904.49	162.44	37.52	-179.63	369.98	2,256.45	9,116.33	9,044.41	71.92	126.753		
10,100.00	6,697.49	6,495.35	6,051.12	164.45	38.55	-178.90	431.40	2,257.15	9,202.72	9,128.97	73.76	124.769		
10,200.00	6,753.70	6,509.00	6,063.73	166.46	38.64	-178.83	436.63	2,257.14	9,288.97	9,214.92	74.05	125.444		
10,300.00	6,809.91	6,509.00	6,063.73	168.48	38.64	-178.83	436.63	2,257.14	9,375.47	9,301.28	74.19	126.367		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 1AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3576-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	6,554.65	6,105.76	170.49	38.95	178.63	454.44	2,257.23	9,461.94	9,387.10	74.84	126.434	
10,500.00	6,922.34	6,571.04	6,120.79	172.50	39.06	178.56	460.97	2,257.34	9,548.71	9,473.55	75.16	127.045	
10,600.00	6,978.55	6,604.00	6,150.93	174.52	39.28	178.41	474.31	2,257.67	9,635.70	9,560.04	75.67	127.343	
10,700.00	7,034.76	6,604.00	6,150.93	176.53	39.28	178.41	474.31	2,257.67	9,722.79	9,646.98	75.81	128.256	
10,800.00	7,090.98	6,604.00	6,150.93	178.54	39.28	178.41	474.31	2,257.67	9,810.12	9,734.17	75.95	129.170	
10,900.00	7,147.19	6,604.00	6,150.93	180.56	39.28	178.41	474.31	2,257.67	9,897.69	9,821.60	76.09	130.086	
11,000.00	7,203.40	6,648.25	6,191.37	182.57	39.58	178.21	492.25	2,258.45	9,985.20	9,908.47	76.72	130.146	
11,100.00	7,259.61	6,888.00	6,414.60	184.58	41.09	177.30	579.30	2,263.90	10,072.89	9,993.40	79.49	126.725	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 1BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3483-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	46.16	46.16	0.27	0.07	129.86	-1,807.77	2,164.83	2,820.38	2,820.04	0.34	8,253.807		
200.00	200.00	140.35	140.35	0.63	0.22	129.86	-1,807.76	2,165.09	2,820.58	2,819.73	0.85	3,322.997		
300.00	300.00	245.55	245.55	0.99	0.46	129.85	-1,807.72	2,165.60	2,820.94	2,819.50	1.44	1,955.473		
400.00	400.00	362.29	362.29	1.34	0.86	129.85	-1,807.44	2,165.40	2,820.64	2,818.43	2.21	1,279.054		
500.00	500.00	475.96	475.95	1.70	1.26	129.86	-1,807.10	2,164.69	2,819.97	2,817.01	2.96	952.439		
600.00	599.98	672.60	672.45	2.05	1.96	-131.73	-1,800.49	2,163.56	2,818.60	2,814.60	4.01	703.177		
700.00	699.84	815.56	814.81	2.40	2.48	-132.09	-1,787.72	2,164.95	2,817.21	2,812.34	4.87	578.184		
800.00	799.45	950.59	948.40	2.76	3.01	-132.63	-1,768.57	2,169.08	2,816.38	2,810.64	5.74	490.822		
900.00	898.70	1,127.06	1,121.75	3.13	3.75	-133.54	-1,736.21	2,175.40	2,815.70	2,808.88	6.82	412.965		
1,000.00	997.47	1,365.60	1,352.83	3.53	4.89	-135.12	-1,677.90	2,183.42	2,813.51	2,805.25	8.26	340.694		
1,100.00	1,095.62	1,495.75	1,477.18	3.95	5.59	-136.16	-1,639.79	2,188.19	2,812.19	2,802.89	9.30	302.386		
1,155.36	1,149.66	1,587.79	1,564.55	4.21	6.11	-136.94	-1,611.02	2,190.99	2,811.76	2,801.75	10.01	281.010	CC	
1,200.00	1,193.06	1,630.23	1,604.78	4.41	6.35	-137.31	-1,597.53	2,192.24	2,812.07	2,801.65	10.42	269.909	ES	
1,300.00	1,289.64	1,738.90	1,707.45	4.91	7.00	-138.27	-1,562.09	2,195.64	2,814.82	2,803.37	11.46	245.703		
1,400.00	1,385.27	1,849.16	1,810.64	5.45	7.69	-139.31	-1,523.49	2,199.86	2,820.16	2,807.60	12.56	224.535		
1,500.00	1,479.82	1,939.21	1,894.09	6.04	8.28	-140.18	-1,489.94	2,204.25	2,828.66	2,815.05	13.61	207.869		
1,600.00	1,573.17	2,027.37	1,975.22	6.69	8.87	-141.04	-1,455.83	2,209.34	2,840.83	2,826.14	14.69	193.420		
1,700.00	1,665.21	2,130.88	2,071.09	7.39	9.57	-142.04	-1,417.05	2,213.77	2,856.32	2,840.44	15.88	179.863		
1,800.00	1,755.84	2,217.57	2,151.74	8.16	10.15	-142.81	-1,385.37	2,216.34	2,875.10	2,858.12	16.99	169.265		
1,900.00	1,844.94	2,279.00	2,209.28	9.00	10.55	-143.24	-1,363.91	2,217.69	2,897.87	2,879.91	17.96	161.354		
2,000.00	1,932.39	2,351.27	2,277.41	9.91	11.00	-143.74	-1,339.83	2,218.97	2,924.73	2,905.73	19.00	153.948		
2,100.00	2,018.11	2,416.10	2,338.81	10.89	11.41	-144.12	-1,319.05	2,220.04	2,955.69	2,935.68	20.01	147.737		
2,200.00	2,101.97	2,487.18	2,406.24	11.94	11.85	-144.54	-1,296.62	2,221.34	2,990.63	2,969.57	21.06	142.017		
2,300.00	2,183.88	2,583.39	2,497.75	13.08	12.43	-145.23	-1,266.94	2,222.37	3,028.94	3,006.69	22.25	136.118		
2,400.00	2,263.74	2,672.14	2,582.22	14.28	12.97	-145.81	-1,239.67	2,222.61	3,070.35	3,046.94	23.41	131.158		
2,500.00	2,341.45	2,741.76	2,648.50	15.57	13.39	-146.12	-1,218.39	2,222.62	3,115.20	3,090.73	24.47	127.316		
2,600.00	2,416.92	2,802.19	2,706.09	16.93	13.76	-146.28	-1,200.08	2,222.65	3,163.64	3,138.16	25.48	124.172		
2,700.00	2,490.05	2,863.59	2,764.64	18.37	14.12	-146.42	-1,181.61	2,222.81	3,215.70	3,189.21	26.49	121.396		
2,800.00	2,560.76	2,935.54	2,833.42	19.88	14.55	-146.65	-1,160.49	2,222.74	3,271.03	3,243.49	27.55	118.732		
2,900.00	2,628.95	2,993.97	2,889.27	21.48	14.90	-146.66	-1,143.33	2,222.63	3,329.55	3,301.02	28.53	116.684		
3,000.00	2,694.55	3,035.00	2,928.35	23.15	15.15	-146.38	-1,130.82	2,222.77	3,391.33	3,361.92	29.42	115.293		
3,100.00	2,757.48	3,078.66	2,969.94	24.89	15.41	-146.08	-1,117.53	2,223.11	3,456.40	3,426.10	30.30	114.081		
3,200.00	2,817.66	3,129.00	3,018.07	26.70	15.71	-145.81	-1,102.79	2,223.76	3,524.78	3,493.57	31.20	112.958		
3,300.00	2,875.03	3,150.63	3,038.79	28.58	15.84	-145.13	-1,096.59	2,224.10	3,596.02	3,564.09	31.94	112.602		
3,400.00	2,931.24	3,197.54	3,083.76	30.50	16.11	-145.88	-1,083.26	2,224.82	3,668.86	3,636.09	32.78	111.929		
3,500.00	2,987.46	3,240.25	3,124.75	32.43	16.36	-146.55	-1,071.27	2,225.47	3,742.35	3,708.78	33.58	111.460		
3,600.00	3,043.67	3,277.65	3,160.74	34.37	16.57	-147.12	-1,061.14	2,226.06	3,816.54	3,782.22	34.32	111.200		
3,700.00	3,099.88	3,319.00	3,200.67	36.32	16.80	-147.73	-1,050.41	2,226.74	3,891.41	3,856.34	35.07	110.957		
3,800.00	3,156.09	3,366.31	3,246.45	38.27	16.99	-148.41	-1,038.51	2,227.50	3,966.84	3,931.08	35.76	110.929		
3,900.00	3,212.31	3,419.03	3,297.54	40.23	17.20	-149.15	-1,025.49	2,228.27	4,042.68	4,006.23	36.45	110.897	SF	
4,000.00	3,268.52	3,472.31	3,349.23	42.20	17.41	-149.87	-1,012.59	2,228.96	4,118.91	4,081.77	37.14	110.913		
4,100.00	3,324.73	3,507.11	3,383.00	44.17	17.52	-150.34	-1,004.21	2,229.43	4,195.58	4,157.88	37.70	111.288		
4,200.00	3,380.94	3,536.47	3,411.44	46.15	17.60	-150.73	-996.93	2,230.01	4,272.86	4,234.64	38.22	111.801		
4,300.00	3,437.16	3,578.00	3,451.56	48.12	17.72	-151.27	-986.29	2,231.14	4,350.77	4,312.02	38.75	112.270		
4,400.00	3,493.37	3,596.51	3,469.40	50.11	17.78	-151.52	-981.41	2,231.75	4,429.18	4,389.97	39.22	112.944		
4,500.00	3,549.58	3,630.26	3,501.86	52.09	17.88	-151.96	-972.25	2,232.98	4,508.12	4,468.41	39.71	113.525		
4,600.00	3,605.79	3,672.00	3,541.87	54.08	18.02	-152.51	-960.46	2,234.71	4,587.56	4,547.34	40.21	114.080		
4,700.00	3,662.01	3,719.56	3,587.34	56.07	18.18	-153.12	-946.68	2,236.76	4,667.34	4,626.61	40.73	114.579		
4,800.00	3,718.22	3,813.58	3,677.13	58.06	18.52	-154.31	-919.02	2,240.34	4,747.23	4,705.82	41.41	114.644		
4,900.00	3,774.43	3,905.78	3,765.10	60.05	18.85	-155.43	-891.56	2,242.80	4,826.75	4,784.68	42.07	114.722		
5,000.00	3,830.65	3,954.00	3,811.39	62.04	19.03	-155.99	-878.06	2,243.76	4,906.37	4,863.79	42.58	115.220		
5,100.00	3,886.86	3,994.87	3,850.66	64.04	19.18	-156.45	-866.77	2,244.59	4,986.30	4,943.24	43.06	115.801		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 1BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3483-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	4,026.50	3,880.99	66.03	19.29	-156.80	-857.81	2,245.38	5,066.64	5,023.15	43.49	116.503		
5,300.00	3,999.28	4,050.00	3,903.48	68.03	19.38	-157.06	-851.03	2,246.04	5,147.39	5,103.51	43.88	117.310		
5,400.00	4,055.50	4,086.16	3,938.01	70.03	19.53	-157.46	-840.36	2,247.20	5,228.51	5,184.20	44.32	117.979		
5,500.00	4,111.71	4,114.52	3,965.02	72.03	19.64	-157.78	-831.79	2,248.24	5,310.04	5,265.32	44.71	118.755		
5,600.00	4,167.92	4,144.00	3,993.04	74.03	19.76	-158.10	-822.70	2,249.44	5,391.94	5,346.83	45.11	119.538		
5,700.00	4,224.13	4,238.59	4,083.44	76.03	20.14	-159.09	-795.12	2,252.94	5,473.94	5,428.17	45.78	119.583		
5,800.00	4,280.35	4,307.54	4,149.79	78.03	20.40	-159.76	-776.46	2,254.96	5,555.80	5,509.47	46.33	119.911		
5,900.00	4,336.56	4,333.00	4,174.30	80.04	20.50	-160.01	-769.60	2,255.64	5,637.76	5,591.07	46.70	120.731		
6,000.00	4,392.77	4,366.22	4,206.23	82.04	20.64	-160.32	-760.49	2,256.65	5,720.03	5,672.94	47.10	121.454		
6,100.00	4,448.98	4,385.87	4,225.07	84.04	20.72	-160.51	-754.95	2,257.37	5,802.73	5,755.30	47.43	122.356		
6,200.00	4,505.20	4,427.00	4,264.37	86.05	20.88	-160.90	-742.97	2,259.21	5,885.91	5,838.06	47.85	123.020		
6,300.00	4,561.41	4,427.00	4,264.37	88.05	20.88	-160.90	-742.97	2,259.21	5,969.26	5,921.19	48.07	124.180		
6,400.00	4,617.62	4,491.53	4,325.84	90.06	21.17	-161.51	-723.59	2,262.29	6,052.91	6,004.31	48.61	124.530		
6,500.00	4,673.83	4,545.04	4,376.72	92.07	21.41	-162.01	-707.18	2,264.66	6,136.54	6,087.45	49.09	125.007		
6,600.00	4,730.05	4,582.11	4,411.86	94.07	21.58	-162.36	-695.49	2,266.34	6,220.34	6,170.85	49.49	125.688		
6,700.00	4,786.26	4,622.38	4,449.92	96.08	21.77	-162.73	-682.46	2,268.21	6,304.35	6,254.45	49.90	126.331		
6,800.00	4,842.47	4,714.47	4,536.83	98.09	22.22	-163.56	-652.26	2,272.18	6,388.35	6,337.75	50.60	126.248		
6,900.00	4,898.68	4,884.70	4,697.19	100.09	23.08	-165.04	-595.38	2,277.18	6,471.83	6,420.07	51.76	125.041		
7,000.00	4,954.90	4,934.29	4,743.90	102.10	23.34	-165.46	-578.76	2,278.12	6,554.98	6,502.73	52.25	125.462		
7,100.00	5,011.11	4,971.20	4,778.61	104.11	23.53	-165.76	-566.25	2,278.87	6,638.33	6,585.67	52.66	126.059		
7,200.00	5,067.32	5,026.14	4,830.27	106.12	23.81	-166.21	-547.58	2,280.04	6,721.86	6,668.68	53.18	126.406		
7,300.00	5,123.53	5,082.21	4,883.46	108.13	24.10	-166.63	-529.85	2,281.05	6,805.29	6,751.58	53.71	126.708		
7,400.00	5,179.75	5,134.08	4,932.69	110.14	24.36	-167.02	-513.57	2,281.96	6,888.81	6,834.60	54.22	127.057		
7,500.00	5,235.96	5,437.52	5,220.89	112.15	25.88	-169.12	-418.99	2,282.17	6,971.66	6,915.35	56.31	123.808		
7,600.00	5,292.17	5,469.00	5,251.10	114.16	26.03	-169.31	-410.15	2,281.72	7,053.74	6,997.03	56.70	124.396		
7,700.00	5,348.38	5,469.00	5,251.10	116.17	26.03	-169.31	-410.15	2,281.72	7,136.13	7,079.23	56.90	125.426		
7,800.00	5,404.60	5,469.00	5,251.10	118.18	26.03	-169.31	-410.15	2,281.72	7,218.96	7,161.88	57.08	126.469		
7,900.00	5,460.81	5,510.53	5,290.93	120.19	26.23	-169.56	-398.41	2,281.52	7,301.83	7,244.29	57.53	126.911		
8,000.00	5,517.02	5,525.27	5,305.06	122.20	26.30	-169.65	-394.20	2,281.58	7,385.18	7,327.37	57.81	127.747		
8,100.00	5,573.24	5,564.00	5,342.14	124.21	26.49	-169.88	-383.03	2,282.06	7,468.97	7,410.73	58.24	128.238		
8,200.00	5,629.45	5,564.00	5,342.14	126.22	26.49	-169.88	-383.03	2,282.06	7,552.82	7,494.41	58.42	129.295		
8,300.00	5,685.66	5,564.00	5,342.14	128.23	26.49	-169.88	-383.03	2,282.06	7,637.06	7,578.48	58.58	130.362		
8,400.00	5,741.87	5,564.00	5,342.14	130.24	26.49	-169.88	-383.03	2,282.06	7,721.68	7,662.93	58.75	131.437		
8,500.00	5,798.09	5,609.92	5,386.07	132.25	26.71	-170.15	-369.69	2,283.12	7,806.33	7,747.10	59.23	131.803		
8,600.00	5,854.30	5,629.58	5,404.87	134.26	26.81	-170.27	-363.98	2,283.69	7,891.33	7,831.80	59.52	132.574		
8,700.00	5,910.51	5,659.00	5,433.01	136.28	26.96	-170.44	-355.44	2,284.68	7,976.57	7,916.68	59.89	133.190		
8,800.00	5,966.72	5,675.17	5,448.45	138.29	27.04	-170.53	-350.68	2,285.26	8,061.99	8,001.83	60.16	134.001		
8,900.00	6,022.94	5,708.34	5,479.99	140.30	27.22	-170.72	-340.48	2,286.47	8,147.59	8,087.02	60.56	134.535		
9,000.00	6,079.15	6,008.13	5,763.97	142.31	28.84	-172.43	-244.74	2,292.53	8,232.39	8,169.43	62.97	130.740		
9,100.00	6,135.36	6,038.00	5,792.33	144.32	28.99	-172.59	-235.39	2,292.71	8,316.71	8,253.36	63.35	131.272		
9,200.00	6,191.57	6,038.00	5,792.33	146.34	28.99	-172.59	-235.39	2,292.71	8,401.31	8,337.80	63.51	132.276		
9,300.00	6,247.79	6,078.27	5,830.48	148.35	29.22	-172.81	-222.49	2,293.12	8,485.98	8,421.99	63.99	132.617		
9,400.00	6,304.00	6,095.22	5,846.50	150.36	29.31	-172.90	-216.96	2,293.38	8,570.97	8,506.69	64.28	133.343		
9,500.00	6,360.21	6,316.03	6,056.46	152.37	30.50	-173.99	-148.85	2,295.77	8,655.99	8,589.81	66.18	130.788		
9,600.00	6,416.42	6,321.00	6,061.25	154.39	30.52	-174.01	-147.52	2,295.79	8,740.31	8,673.93	66.38	131.667		
9,700.00	6,472.64	6,321.00	6,061.25	156.40	30.52	-174.01	-147.52	2,295.79	8,824.96	8,758.42	66.54	132.629		
9,800.00	6,528.85	6,365.40	6,104.02	158.41	30.74	-174.20	-135.60	2,296.18	8,909.55	8,842.50	67.04	132.891		
9,900.00	6,585.06	6,380.06	6,118.12	160.42	30.81	-174.26	-131.59	2,296.42	8,994.53	8,927.22	67.31	133.621		
10,000.00	6,641.27	6,416.00	6,152.65	162.44	30.99	-174.41	-121.65	2,297.23	9,079.84	9,012.08	67.75	134.016		
10,100.00	6,697.49	6,416.00	6,152.65	164.45	30.99	-174.41	-121.65	2,297.23	9,165.20	9,097.29	67.90	134.975		
10,200.00	6,753.70	6,436.90	6,172.70	166.46	31.10	-174.50	-115.78	2,297.79	9,250.82	9,182.60	68.22	135.597		
10,300.00	6,809.91	6,479.79	6,213.80	168.48	31.32	-174.68	-103.57	2,298.95	9,336.54	9,267.82	68.72	135.855		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 1BH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3483-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	6,539.35	6,270.76	170.49	31.63	-174.93	-86.26	2,300.52	9,422.31	9,352.95	69.37	135.829	
10,500.00	6,922.34	6,597.84	6,326.52	172.50	31.95	-175.19	-68.62	2,301.80	9,507.95	9,437.94	70.01	135.806	
10,600.00	6,978.55	6,642.23	6,368.74	174.52	32.19	-175.38	-54.98	2,302.74	9,593.64	9,523.09	70.54	135.995	
10,700.00	7,034.76	6,668.32	6,393.51	176.53	32.34	-175.49	-46.78	2,303.33	9,679.48	9,608.56	70.92	136.486	
10,800.00	7,090.98	6,701.00	6,424.48	178.54	32.52	-175.63	-36.37	2,304.14	9,765.47	9,694.11	71.35	136.864	
10,900.00	7,147.19	6,701.00	6,424.48	180.56	32.52	-175.63	-36.37	2,304.14	9,851.62	9,780.12	71.50	137.788	
11,000.00	7,203.40	6,738.82	6,460.36	182.57	32.73	-175.79	-24.46	2,305.23	9,937.88	9,865.90	71.97	138.076	
11,100.00	7,259.61	6,760.55	6,481.04	184.58	32.85	-175.88	-17.82	2,305.96	10,024.31	9,952.00	72.31	138.628	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3388-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	83.42	83.42	0.27	0.14	130.18	-1,827.70	2,164.24	2,832.94	2,832.54	0.40	7,014.456		
200.00	200.00	237.22	237.16	0.63	0.44	130.22	-1,826.90	2,160.28	2,830.57	2,829.50	1.07	2,656.613		
300.00	300.00	336.65	336.53	0.99	0.80	130.25	-1,826.14	2,156.75	2,827.38	2,825.60	1.78	1,587.688		
400.00	400.00	429.89	429.71	1.34	1.14	130.29	-1,825.60	2,153.66	2,824.46	2,821.98	2.47	1,141.420		
500.00	500.00	549.20	548.96	1.70	1.57	130.32	-1,824.62	2,149.69	2,821.41	2,818.15	3.26	864.624		
600.00	599.98	617.56	617.27	2.05	1.82	-131.13	-1,823.82	2,147.40	2,819.36	2,815.50	3.86	731.169		
604.45	604.43	619.93	619.63	2.07	1.82	-131.13	-1,823.79	2,147.35	2,819.36	2,815.48	3.88	726.676	CC, ES	
700.00	699.84	667.00	666.70	2.40	1.99	-131.14	-1,823.37	2,146.71	2,821.21	2,816.84	4.38	644.292		
800.00	799.45	751.23	750.93	2.76	2.28	-131.18	-1,822.85	2,146.62	2,826.50	2,821.47	5.02	562.594		
900.00	898.70	841.26	840.96	3.13	2.58	-131.23	-1,822.41	2,147.11	2,834.66	2,828.97	5.69	497.763		
1,000.00	997.47	1,025.25	1,024.79	3.53	3.22	-131.66	-1,816.03	2,149.00	2,843.52	2,836.81	6.71	423.711		
1,100.00	1,095.62	1,131.28	1,130.61	3.95	3.60	-131.93	-1,809.40	2,150.40	2,853.41	2,845.92	7.48	381.275		
1,200.00	1,193.06	1,293.06	1,291.60	4.41	4.18	-132.58	-1,794.07	2,153.50	2,864.04	2,855.56	8.48	337.639		
1,300.00	1,289.64	1,410.56	1,407.92	4.91	4.63	-133.15	-1,778.07	2,158.05	2,876.53	2,867.17	9.36	307.318		
1,400.00	1,385.27	1,631.30	1,625.00	5.45	5.52	-134.58	-1,738.73	2,164.72	2,888.07	2,877.39	10.68	270.476		
1,500.00	1,479.82	1,782.22	1,772.00	6.04	6.19	-135.66	-1,704.93	2,169.24	2,900.58	2,888.78	11.80	245.903		
1,600.00	1,573.17	1,880.86	1,867.32	6.69	6.65	-136.37	-1,679.85	2,172.91	2,915.13	2,902.37	12.76	228.544		
1,700.00	1,665.21	1,971.33	1,954.49	7.39	7.10	-137.02	-1,655.95	2,176.73	2,932.80	2,919.08	13.72	213.718		
1,800.00	1,755.84	2,060.44	2,040.16	8.16	7.54	-137.65	-1,631.75	2,180.77	2,953.68	2,938.96	14.72	200.630		
1,900.00	1,844.94	2,143.48	2,120.01	9.00	7.97	-138.21	-1,609.24	2,184.37	2,977.85	2,962.12	15.73	189.366		
2,000.00	1,932.39	2,220.20	2,193.90	9.91	8.36	-138.66	-1,588.83	2,187.48	3,005.48	2,988.76	16.73	179.698		
2,100.00	2,018.11	2,291.69	2,262.93	10.89	8.73	-139.02	-1,570.44	2,190.14	3,036.71	3,018.98	17.72	171.349		
2,200.00	2,101.97	2,356.96	2,326.12	11.94	9.06	-139.28	-1,554.24	2,192.46	3,071.60	3,052.89	18.71	164.189		
2,300.00	2,183.88	2,425.16	2,392.31	13.08	9.40	-139.52	-1,538.02	2,194.75	3,110.13	3,090.41	19.72	157.720		
2,400.00	2,263.74	2,502.22	2,467.35	14.28	9.78	-139.82	-1,520.62	2,196.92	3,152.07	3,131.29	20.78	151.655		
2,500.00	2,341.45	2,589.76	2,552.57	15.57	10.22	-140.22	-1,500.69	2,199.11	3,197.03	3,175.13	21.91	145.924		
2,600.00	2,416.92	2,672.26	2,632.84	16.93	10.63	-140.54	-1,481.71	2,200.84	3,244.91	3,221.89	23.02	140.962		
2,700.00	2,490.05	2,742.19	2,700.95	18.37	10.98	-140.66	-1,465.88	2,202.02	3,295.86	3,271.79	24.08	136.885		
2,800.00	2,560.76	2,782.16	2,739.90	19.88	11.18	-140.36	-1,456.98	2,202.75	3,350.16	3,325.16	25.00	134.008		
2,900.00	2,628.95	2,816.38	2,773.26	21.48	11.35	-139.91	-1,449.37	2,203.69	3,408.05	3,382.15	25.89	131.624		
3,000.00	2,694.55	2,850.63	2,806.62	23.15	11.52	-139.39	-1,441.75	2,204.94	3,469.38	3,442.60	26.78	129.552		
3,100.00	2,757.48	2,900.26	2,854.99	24.89	11.76	-139.01	-1,430.80	2,206.92	3,533.81	3,506.07	27.73	127.414		
3,200.00	2,817.66	2,947.68	2,901.22	26.70	12.00	-138.54	-1,420.43	2,208.86	3,601.08	3,572.41	28.67	125.602		
3,300.00	2,875.03	2,994.53	2,946.93	28.58	12.23	-138.11	-1,410.38	2,210.77	3,671.04	3,641.44	29.59	124.051		
3,400.00	2,931.24	3,040.87	2,992.20	30.50	12.45	-138.84	-1,400.64	2,212.62	3,742.48	3,711.98	30.49	122.742		
3,500.00	2,987.46	3,089.50	3,039.76	32.43	12.69	-139.59	-1,390.62	2,214.52	3,814.59	3,783.21	31.38	121.577		
3,600.00	3,043.67	3,138.20	3,087.41	34.37	12.93	-140.32	-1,380.75	2,216.37	3,887.31	3,855.07	32.24	120.574		
3,700.00	3,099.88	3,186.62	3,134.88	36.32	13.15	-141.02	-1,371.43	2,218.07	3,960.62	3,927.54	33.08	119.733		
3,800.00	3,156.09	3,233.33	3,180.82	38.27	13.37	-141.68	-1,363.03	2,219.55	4,034.47	4,000.58	33.89	119.042		
3,900.00	3,212.31	3,272.64	3,219.54	40.23	13.55	-142.22	-1,356.42	2,220.75	4,108.91	4,074.27	34.65	118.598		
4,000.00	3,268.52	3,315.84	3,262.18	42.20	13.70	-142.80	-1,349.57	2,222.07	4,183.93	4,148.57	35.36	118.325		
4,100.00	3,324.73	3,362.02	3,307.79	44.17	13.83	-143.39	-1,342.47	2,223.48	4,259.42	4,223.38	36.04	118.192		
4,200.00	3,380.94	3,422.23	3,367.27	46.15	13.95	-144.15	-1,333.33	2,225.31	4,335.32	4,298.63	36.70	118.134	SF	
4,300.00	3,437.16	3,499.72	3,443.65	48.12	14.06	-145.12	-1,320.47	2,227.55	4,411.35	4,374.01	37.33	118.168		
4,400.00	3,493.37	3,566.98	3,509.99	50.11	14.17	-145.93	-1,309.52	2,229.13	4,487.50	4,449.55	37.95	118.260		
4,500.00	3,549.58	3,640.42	3,582.36	52.09	14.30	-146.80	-1,297.08	2,230.63	4,563.76	4,525.19	38.57	118.328		
4,600.00	3,605.79	3,672.00	3,613.34	54.08	14.36	-147.18	-1,290.99	2,231.33	4,640.25	4,601.16	39.09	118.719		
4,700.00	3,662.01	3,672.00	3,613.34	56.07	14.36	-147.18	-1,290.99	2,231.33	4,717.54	4,678.01	39.52	119.359		
4,800.00	3,718.22	3,717.00	3,657.39	58.06	14.45	-147.71	-1,281.94	2,232.76	4,795.06	4,755.00	40.05	119.721		
4,900.00	3,774.43	3,733.81	3,673.84	60.05	14.49	-147.91	-1,278.54	2,233.50	4,873.45	4,832.95	40.50	120.336		
5,000.00	3,830.65	3,766.00	3,705.31	62.04	14.56	-148.28	-1,272.00	2,235.26	4,952.53	4,911.56	40.97	120.886		
5,100.00	3,886.86	3,766.72	3,706.01	64.04	14.56	-148.29	-1,271.86	2,235.30	5,032.06	4,990.71	41.35	121.699		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3388-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	4,004.22	3,938.44	66.03	15.12	-150.90	-1,224.40	2,246.00	5,112.01	5,069.66	42.35	120.706		
5,300.00	3,999.28	4,063.76	3,996.79	68.03	15.27	-151.51	-1,212.64	2,247.28	5,190.42	5,147.53	42.89	121.022		
5,400.00	4,055.50	4,121.18	4,052.93	70.03	15.43	-152.10	-1,200.64	2,248.53	5,268.98	5,225.57	43.41	121.369		
5,500.00	4,111.71	4,170.15	4,100.63	72.03	15.56	-152.60	-1,189.62	2,249.67	5,347.75	5,303.85	43.90	121.811		
5,600.00	4,167.92	4,214.11	4,143.52	74.03	15.69	-153.04	-1,180.04	2,250.70	5,426.81	5,382.43	44.37	122.295		
5,700.00	4,224.13	4,303.93	4,231.15	76.03	15.95	-153.90	-1,160.41	2,252.38	5,505.79	5,460.80	44.99	122.373		
5,800.00	4,280.35	4,412.55	4,336.96	78.03	16.29	-154.92	-1,135.91	2,253.56	5,584.53	5,538.86	45.67	122.275		
5,900.00	4,336.56	4,463.38	4,386.67	80.04	16.44	-155.37	-1,125.27	2,253.82	5,663.35	5,617.20	46.16	122.693		
6,000.00	4,392.77	4,510.86	4,433.27	82.04	16.57	-155.78	-1,116.22	2,253.99	5,742.40	5,695.77	46.63	123.138		
6,100.00	4,448.98	4,617.00	4,537.45	84.04	16.88	-156.64	-1,095.92	2,253.72	5,821.17	5,773.86	47.32	123.030		
6,200.00	4,505.20	4,658.02	4,577.52	86.05	17.02	-156.98	-1,087.11	2,253.52	5,900.02	5,852.25	47.77	123.514		
6,300.00	4,561.41	4,681.91	4,600.79	88.05	17.10	-157.18	-1,081.74	2,253.58	5,979.34	5,931.19	48.15	124.189		
6,400.00	4,617.62	4,711.00	4,629.07	90.06	17.20	-157.43	-1,074.95	2,253.84	6,059.08	6,010.54	48.54	124.837		
6,500.00	4,673.83	4,749.77	4,666.81	92.07	17.33	-157.75	-1,066.06	2,254.27	6,139.14	6,090.18	48.96	125.399		
6,600.00	4,730.05	4,802.98	4,718.85	94.07	17.51	-158.16	-1,054.99	2,254.76	6,219.36	6,169.92	49.44	125.795		
6,700.00	4,786.26	4,806.00	4,721.81	96.08	17.52	-158.18	-1,054.40	2,254.79	6,299.90	6,250.19	49.71	126.725		
6,800.00	4,842.47	4,842.24	4,757.35	98.09	17.63	-158.45	-1,047.34	2,255.27	6,380.71	6,330.59	50.12	127.318		
6,900.00	4,898.68	4,860.40	4,775.16	100.09	17.69	-158.59	-1,043.78	2,255.65	6,461.97	6,411.53	50.44	128.115		
7,000.00	4,954.90	4,901.00	4,814.94	102.10	17.82	-158.89	-1,035.78	2,256.84	6,543.73	6,492.88	50.85	128.685		
7,100.00	5,011.11	4,901.00	4,814.94	104.11	17.82	-158.89	-1,035.78	2,256.84	6,625.63	6,574.55	51.08	129.700		
7,200.00	5,067.32	4,979.14	4,891.67	106.12	18.07	-159.44	-1,021.22	2,259.28	6,707.82	6,656.17	51.65	129.860		
7,300.00	5,123.53	5,123.86	5,033.51	108.13	18.56	-160.44	-992.74	2,262.41	6,789.58	6,737.04	52.53	129.245		
7,400.00	5,179.75	5,207.82	5,115.78	110.14	18.85	-160.99	-976.04	2,263.36	6,870.87	6,817.71	53.15	129.269		
7,500.00	5,235.96	5,246.90	5,154.07	112.15	18.99	-161.25	-968.22	2,263.79	6,952.28	6,898.72	53.56	129.804		
7,600.00	5,292.17	5,280.00	5,186.44	114.16	19.10	-161.46	-961.33	2,264.22	7,033.88	6,979.95	53.93	130.416		
7,700.00	5,348.38	5,307.64	5,213.43	116.17	19.21	-161.64	-955.38	2,264.66	7,115.74	7,061.46	54.29	131.077		
7,800.00	5,404.60	5,331.36	5,236.56	118.18	19.30	-161.80	-950.12	2,265.15	7,197.90	7,143.28	54.61	131.795		
7,900.00	5,460.81	5,375.00	5,279.00	120.19	19.47	-162.09	-940.05	2,266.28	7,280.39	7,225.36	55.03	132.288		
8,000.00	5,517.02	5,391.68	5,295.21	122.20	19.53	-162.20	-936.14	2,266.76	7,363.04	7,307.72	55.32	133.100		
8,100.00	5,573.24	5,462.18	5,363.95	124.21	19.81	-162.64	-920.60	2,268.45	7,445.62	7,389.74	55.88	133.240		
8,200.00	5,629.45	5,498.37	5,399.28	126.22	19.95	-162.86	-912.81	2,269.31	7,528.35	7,472.08	56.27	133.793		
8,300.00	5,685.66	5,517.40	5,417.84	128.23	20.02	-162.98	-908.61	2,269.86	7,611.38	7,554.82	56.56	134.567		
8,400.00	5,741.87	5,564.00	5,463.16	130.24	20.21	-163.27	-897.90	2,271.53	7,694.83	7,637.83	57.00	135.007		
8,500.00	5,798.09	5,564.00	5,463.16	132.25	20.21	-163.27	-897.90	2,271.53	7,778.30	7,721.12	57.18	136.027		
8,600.00	5,854.30	5,583.07	5,481.68	134.26	20.29	-163.39	-893.41	2,272.31	7,862.13	7,804.66	57.47	136.810		
8,700.00	5,910.51	5,623.92	5,521.36	136.28	20.45	-163.63	-883.90	2,274.02	7,946.12	7,888.25	57.87	137.307		
8,800.00	5,966.72	5,943.00	5,833.05	138.29	21.71	-165.38	-816.36	2,281.74	8,028.95	7,969.11	59.84	134.176		
8,900.00	6,022.94	5,987.76	5,876.39	140.30	21.91	-165.63	-805.18	2,281.87	8,111.18	8,050.89	60.29	134.536		
9,000.00	6,079.15	6,003.35	5,891.44	142.31	21.98	-165.72	-801.14	2,282.05	8,193.87	8,133.31	60.57	135.290		
9,100.00	6,135.36	6,038.00	5,924.83	144.32	22.14	-165.91	-791.89	2,282.67	8,276.93	8,215.98	60.95	135.803		
9,200.00	6,191.57	6,038.00	5,924.83	146.34	22.14	-165.91	-791.89	2,282.67	8,360.12	8,299.00	61.13	136.769		
9,300.00	6,247.79	6,091.55	5,976.45	148.35	22.39	-166.21	-777.67	2,283.82	8,443.57	8,381.95	61.62	137.019		
9,400.00	6,304.00	6,132.00	6,015.57	150.36	22.58	-166.43	-767.42	2,284.63	8,527.00	8,464.96	62.05	137.429		
9,500.00	6,360.21	6,132.00	6,015.57	152.37	22.58	-166.43	-767.42	2,284.63	8,610.73	8,548.51	62.22	138.396		
9,600.00	6,416.42	6,132.00	6,015.57	154.39	22.58	-166.43	-767.42	2,284.63	8,694.79	8,632.41	62.39	139.371		
9,700.00	6,472.64	6,171.09	6,053.43	156.40	22.75	-166.63	-757.72	2,285.67	8,778.81	8,716.01	62.80	139.800		
9,800.00	6,528.85	6,181.97	6,063.95	158.41	22.80	-166.69	-755.02	2,286.07	8,863.29	8,800.26	63.03	140.625		
9,900.00	6,585.06	6,227.00	6,107.52	160.42	23.01	-166.92	-743.83	2,288.21	8,948.33	8,884.86	63.47	140.975		
10,000.00	6,641.27	6,227.00	6,107.52	162.44	23.01	-166.92	-743.83	2,288.21	9,033.18	8,969.54	63.63	141.954		
10,100.00	6,697.49	6,227.00	6,107.52	164.45	23.01	-166.92	-743.83	2,288.21	9,118.33	9,054.54	63.79	142.937		
10,200.00	6,753.70	6,464.07	6,338.44	166.46	24.03	-168.02	-691.29	2,297.98	9,203.34	9,137.85	65.48	140.551		
10,300.00	6,809.91	6,511.00	6,384.33	168.48	24.22	-168.22	-681.58	2,299.53	9,287.80	9,221.85	65.95	140.841		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 2AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3388-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	6,667.70	6,538.08	170.49	24.85	-168.84	-651.68	2,303.61	9,371.90	9,304.77	67.13	139.605	
10,500.00	6,922.34	6,701.00	6,570.73	172.50	24.98	-168.97	-645.11	2,304.27	9,455.79	9,388.28	67.51	140.061	
10,600.00	6,978.55	6,739.42	6,608.32	174.52	25.14	-169.12	-637.26	2,305.08	9,539.79	9,471.86	67.93	140.430	
10,700.00	7,034.76	6,764.15	6,632.51	176.53	25.25	-169.22	-632.09	2,305.68	9,623.98	9,555.72	68.26	140.989	
10,800.00	7,090.98	6,795.00	6,662.63	178.54	25.38	-169.34	-625.52	2,306.51	9,708.36	9,639.73	68.63	141.463	
10,900.00	7,147.19	6,913.93	6,779.34	180.56	25.86	-169.78	-602.86	2,309.36	9,792.48	9,722.88	69.60	140.706	
11,000.00	7,203.40	6,941.54	6,806.48	182.57	25.97	-169.87	-597.82	2,310.01	9,876.65	9,806.71	69.94	141.208	
11,100.00	7,259.61	6,985.00	6,849.12	184.58	26.14	-170.03	-589.51	2,311.13	9,961.00	9,890.60	70.40	141.495	
11,200.00	7,315.83	6,985.00	6,849.12	186.60	26.14	-170.03	-589.51	2,311.13	10,045.47	9,974.91	70.56	142.373	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 4AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3385-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
100.00	100.00	41.63	41.63	0.27	0.07	132.26	-1,967.69	2,165.45	2,925.93	2,925.59	0.33	8,737.531	CC, ES
200.00	200.00	124.89	124.89	0.63	0.20	132.25	-1,967.79	2,166.00	2,926.50	2,925.67	0.82	3,547.490	
300.00	300.00	209.00	208.99	0.99	0.33	132.24	-1,968.00	2,167.12	2,927.64	2,926.33	1.32	2,224.302	
400.00	400.00	300.00	299.98	1.34	0.66	132.24	-1,968.93	2,168.24	2,929.24	2,927.24	2.00	1,466.039	
500.00	500.00	356.37	356.33	1.70	0.86	132.25	-1,970.30	2,168.89	2,931.71	2,929.15	2.56	1,145.995	
600.00	599.98	421.44	421.33	2.05	1.09	-129.09	-1,972.77	2,170.08	2,936.68	2,933.54	3.14	934.898	
700.00	699.84	500.50	500.30	2.40	1.38	-129.00	-1,976.39	2,171.88	2,944.74	2,940.96	3.77	780.389	
800.00	799.45	585.74	585.39	2.76	1.70	-128.91	-1,980.96	2,173.83	2,955.52	2,951.09	4.44	666.095	
900.00	898.70	668.00	667.47	3.13	2.01	-128.80	-1,986.06	2,175.82	2,969.12	2,964.02	5.10	581.995	
1,000.00	997.47	732.56	731.84	3.53	2.25	-128.65	-1,990.66	2,177.57	2,985.72	2,980.00	5.72	522.314	
1,100.00	1,095.62	811.56	810.54	3.95	2.55	-128.50	-1,997.08	2,179.89	3,005.34	2,998.94	6.40	469.490	
1,200.00	1,193.06	898.43	897.03	4.41	2.89	-128.37	-2,004.77	2,182.35	3,027.53	3,020.39	7.14	424.190	
1,300.00	1,289.64	983.41	981.60	4.91	3.22	-128.22	-2,012.83	2,184.62	3,052.18	3,044.29	7.89	386.752	
1,400.00	1,385.27	1,063.86	1,061.62	5.45	3.54	-128.05	-2,020.78	2,186.95	3,079.41	3,070.76	8.66	355.758	
1,500.00	1,479.82	1,141.00	1,138.30	6.04	3.84	-127.85	-2,028.92	2,189.19	3,109.24	3,099.80	9.44	329.429	
1,600.00	1,573.17	1,204.72	1,201.56	6.69	4.10	-127.57	-2,036.30	2,191.08	3,141.90	3,131.70	10.20	308.022	
1,700.00	1,665.21	1,277.54	1,273.76	7.39	4.40	-127.30	-2,045.49	2,193.47	3,177.51	3,166.48	11.03	288.005	
1,800.00	1,755.84	1,359.34	1,354.86	8.16	4.74	-127.07	-2,055.69	2,196.51	3,215.50	3,203.56	11.94	269.328	
1,900.00	1,844.94	1,532.21	1,526.22	9.00	5.46	-127.34	-2,077.97	2,201.30	3,255.82	3,242.54	13.28	245.209	
2,000.00	1,932.39	1,713.41	1,706.49	9.91	6.17	-127.75	-2,096.18	2,201.88	3,294.22	3,279.54	14.68	224.363	
2,100.00	2,018.11	1,784.41	1,777.18	10.89	6.45	-127.52	-2,102.73	2,201.75	3,334.31	3,318.65	15.66	212.871	
2,200.00	2,101.97	1,847.32	1,839.78	11.94	6.70	-127.19	-2,108.94	2,201.70	3,377.06	3,360.42	16.65	202.868	
2,300.00	2,183.88	1,906.87	1,899.01	13.08	6.94	-126.81	-2,115.17	2,201.94	3,422.63	3,404.98	17.65	193.928	
2,400.00	2,263.74	1,983.87	1,975.53	14.28	7.25	-126.52	-2,123.77	2,202.16	3,470.69	3,451.93	18.77	184.952	
2,500.00	2,341.45	2,033.38	2,024.72	15.57	7.45	-125.98	-2,129.38	2,202.46	3,521.25	3,501.47	19.78	177.982	
2,600.00	2,416.92	2,090.00	2,081.02	16.93	7.67	-125.47	-2,135.15	2,204.03	3,574.72	3,553.86	20.86	171.366	
2,700.00	2,490.05	2,122.90	2,113.74	18.37	7.81	-124.69	-2,138.29	2,205.40	3,630.85	3,609.01	21.84	166.227	
2,800.00	2,560.76	2,184.00	2,174.49	19.88	8.05	-124.13	-2,144.13	2,208.34	3,689.61	3,666.64	22.98	160.576	
2,900.00	2,628.95	2,217.42	2,207.70	21.48	8.19	-123.22	-2,147.37	2,210.13	3,750.76	3,726.76	24.00	156.302	
3,000.00	2,694.55	2,263.20	2,253.18	23.15	8.37	-122.37	-2,151.91	2,212.72	3,814.27	3,789.18	25.09	152.019	
3,100.00	2,757.48	2,325.55	2,315.09	24.89	8.62	-121.66	-2,158.40	2,216.24	3,879.93	3,853.64	26.28	147.611	
3,200.00	2,817.66	2,394.25	2,383.28	26.70	8.91	-120.96	-2,166.14	2,219.54	3,947.34	3,919.81	27.53	143.384	
3,300.00	2,875.03	2,455.16	2,443.73	28.58	9.16	-120.27	-2,173.06	2,222.28	4,016.51	3,987.76	28.75	139.714	
3,400.00	2,931.24	2,495.57	2,483.84	30.50	9.33	-120.80	-2,177.65	2,224.11	4,086.76	4,056.91	29.85	136.920	
3,500.00	2,987.46	2,531.46	2,519.43	32.43	9.48	-121.26	-2,181.86	2,225.83	4,157.76	4,126.86	30.91	134.532	
3,600.00	3,043.67	2,568.81	2,556.46	34.37	9.63	-121.74	-2,186.39	2,227.73	4,229.49	4,197.54	31.95	132.368	
3,700.00	3,099.88	2,614.05	2,601.31	36.32	9.82	-122.31	-2,191.80	2,230.19	4,301.83	4,268.80	33.03	130.259	
3,800.00	3,156.09	2,659.07	2,645.95	38.27	10.01	-122.87	-2,196.98	2,232.84	4,374.71	4,340.64	34.08	128.376	
3,900.00	3,212.31	2,708.71	2,695.18	40.23	10.22	-123.48	-2,202.55	2,235.88	4,448.10	4,412.96	35.14	126.597	
4,000.00	3,268.52	2,762.17	2,748.21	42.20	10.44	-124.12	-2,208.47	2,239.24	4,521.93	4,485.73	36.20	124.915	
4,100.00	3,324.73	2,842.32	2,827.64	44.17	10.78	-125.05	-2,218.27	2,243.51	4,595.97	4,558.55	37.42	122.829	
4,200.00	3,380.94	2,895.11	2,879.91	46.15	11.00	-125.63	-2,225.25	2,245.89	4,670.21	4,631.75	38.46	121.417	
4,300.00	3,437.16	2,946.80	2,931.09	48.12	11.22	-126.19	-2,232.07	2,248.26	4,744.82	4,705.33	39.49	120.155	
4,400.00	3,493.37	2,998.38	2,982.17	50.11	11.44	-126.74	-2,238.85	2,250.65	4,819.77	4,779.27	40.50	119.010	
4,500.00	3,549.58	3,068.26	3,051.38	52.09	11.74	-127.47	-2,248.01	2,253.87	4,895.02	4,853.41	41.61	117.633	
4,600.00	3,605.79	3,171.42	3,153.58	54.08	12.18	-128.51	-2,261.48	2,257.73	4,970.10	4,927.17	42.93	115.771	
4,700.00	3,662.01	3,265.80	3,247.24	56.07	12.50	-129.43	-2,272.57	2,260.95	5,045.04	5,000.95	44.10	114.411	
4,800.00	3,718.22	3,372.15	3,352.94	58.06	12.76	-130.45	-2,283.91	2,263.99	5,119.75	5,074.54	45.20	113.262	
4,900.00	3,774.43	3,443.86	3,424.29	60.05	12.83	-131.12	-2,290.93	2,265.76	5,194.33	5,148.29	46.04	112.817	
5,000.00	3,830.65	3,511.75	3,491.88	62.04	12.88	-131.75	-2,297.10	2,267.44	5,269.06	5,222.22	46.84	112.498	
5,100.00	3,886.86	3,582.12	3,561.98	64.04	12.94	-132.39	-2,303.10	2,269.14	5,343.90	5,296.28	47.63	112.200	
5,200.00	3,943.07	3,666.60	3,646.16	66.03	13.01	-133.14	-2,309.84	2,270.97	5,418.77	5,370.31	48.45	111.839	

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 4AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3385-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,300.00	3,999.28	3,746.48	3,725.81	68.03	13.08	-133.83	-2,315.76	2,272.45	5,493.60	5,444.34	49.25	111.534	
5,400.00	4,055.50	3,819.91	3,799.06	70.03	13.15	-134.46	-2,320.80	2,273.65	5,568.45	5,518.42	50.03	111.298	
5,500.00	4,111.71	3,858.00	3,837.06	72.03	13.19	-134.78	-2,323.30	2,274.23	5,643.45	5,592.76	50.69	111.323	
5,600.00	4,167.92	3,910.07	3,889.00	74.03	13.24	-135.21	-2,326.89	2,275.05	5,718.75	5,667.35	51.39	111.271	
5,700.00	4,224.13	3,952.00	3,930.80	76.03	13.29	-135.54	-2,330.11	2,275.81	5,794.49	5,742.44	52.06	111.314	
5,800.00	4,280.35	4,015.44	3,994.03	78.03	13.37	-136.04	-2,335.08	2,276.96	5,870.49	5,817.70	52.79	111.215	
5,900.00	4,336.56	4,132.27	4,110.44	80.04	13.52	-136.92	-2,344.94	2,278.09	5,946.37	5,892.65	53.72	110.698	
6,000.00	4,392.77	4,198.75	4,176.57	82.04	13.62	-137.38	-2,351.69	2,277.88	6,021.98	5,967.50	54.48	110.529	
6,100.00	4,448.98	4,270.93	4,248.43	84.04	13.73	-137.89	-2,358.53	2,277.72	6,097.71	6,042.45	55.26	110.338	
6,200.00	4,505.20	4,330.00	4,307.29	86.05	13.82	-138.29	-2,363.45	2,277.59	6,173.39	6,117.41	55.98	110.282 SF	
6,300.00	4,561.41	4,330.00	4,307.29	88.05	13.82	-138.29	-2,363.45	2,277.59	6,249.58	6,193.13	56.44	110.721	
6,400.00	4,617.62	4,376.02	4,353.15	90.06	13.89	-138.61	-2,367.28	2,277.74	6,325.94	6,268.85	57.09	110.804	
6,500.00	4,673.83	4,425.00	4,401.90	92.07	13.97	-138.93	-2,371.91	2,278.47	6,403.15	6,345.40	57.75	110.884	
6,600.00	4,730.05	4,425.00	4,401.90	94.07	13.97	-138.93	-2,371.91	2,278.47	6,480.44	6,422.26	58.18	111.390	
6,700.00	4,786.26	4,452.36	4,429.12	96.08	14.02	-139.11	-2,374.61	2,279.05	6,558.29	6,499.57	58.72	111.681	
6,800.00	4,842.47	4,517.15	4,493.61	98.09	14.14	-139.53	-2,380.75	2,280.42	6,636.29	6,576.86	59.43	111.658	
6,900.00	4,898.68	4,632.02	4,608.06	100.09	14.35	-140.27	-2,390.21	2,282.64	6,714.14	6,653.78	60.36	111.238	
7,000.00	4,954.90	4,614.00	4,590.10	102.10	14.31	-140.15	-2,388.87	2,282.33	6,792.25	6,731.57	60.67	111.945	
7,100.00	5,011.11	4,659.37	4,635.30	104.11	14.40	-140.44	-2,392.66	2,283.30	6,870.52	6,809.24	61.28	112.122	
7,200.00	5,067.32	4,709.00	4,684.66	106.12	14.50	-140.73	-2,397.61	2,284.73	6,949.45	6,887.55	61.90	112.265	
7,300.00	5,123.53	4,709.00	4,684.66	108.13	14.50	-140.73	-2,397.61	2,284.73	7,028.46	6,966.19	62.27	112.868	
7,400.00	5,179.75	4,771.49	4,746.78	110.14	14.63	-141.10	-2,404.09	2,286.71	7,107.86	7,044.89	62.96	112.893	
7,500.00	5,235.96	4,897.05	4,871.79	112.15	14.89	-141.83	-2,415.29	2,290.26	7,186.98	7,123.02	63.96	112.372	
7,600.00	5,292.17	4,899.00	4,873.73	114.16	14.89	-141.85	-2,415.44	2,290.31	7,266.10	7,201.78	64.32	112.969	
7,700.00	5,348.38	4,946.76	4,921.29	116.17	15.00	-142.12	-2,419.66	2,291.62	7,345.38	7,280.46	64.92	113.150	
7,800.00	5,404.60	4,994.00	4,968.23	118.18	15.10	-142.37	-2,424.67	2,293.12	7,425.15	7,359.64	65.52	113.333	
7,900.00	5,460.81	4,997.16	4,971.37	120.19	15.11	-142.39	-2,425.04	2,293.22	7,505.07	7,439.21	65.87	113.946	
8,000.00	5,517.02	5,272.31	5,245.10	122.20	15.75	-143.82	-2,451.87	2,299.05	7,584.08	7,516.34	67.74	111.953	
8,100.00	5,573.24	5,327.51	5,300.14	124.21	15.88	-144.10	-2,456.10	2,299.55	7,662.56	7,594.18	68.38	112.066	
8,200.00	5,629.45	5,372.00	5,344.45	126.22	15.98	-144.32	-2,460.11	2,300.12	7,741.46	7,672.50	68.95	112.272	
8,300.00	5,685.66	5,388.93	5,361.30	128.23	16.02	-144.40	-2,461.75	2,300.37	7,820.55	7,751.18	69.37	112.729	
8,400.00	5,741.87	5,442.65	5,414.76	130.24	16.16	-144.66	-2,466.94	2,301.18	7,899.83	7,829.82	70.01	112.843	
8,500.00	5,798.09	5,507.98	5,479.78	132.25	16.32	-144.97	-2,473.21	2,302.15	7,979.17	7,908.47	70.71	112.848	
8,600.00	5,854.30	5,574.98	5,546.48	134.26	16.49	-145.27	-2,479.49	2,303.05	8,058.48	7,987.07	71.41	112.842	
8,700.00	5,910.51	5,622.18	5,593.48	136.28	16.61	-145.49	-2,483.76	2,303.73	8,137.87	8,065.87	72.00	113.028	
8,800.00	5,966.72	5,708.91	5,679.90	138.29	16.83	-145.89	-2,491.02	2,305.07	8,217.35	8,144.54	72.81	112.864	
8,900.00	6,022.94	5,751.00	5,721.87	140.30	16.94	-146.08	-2,494.06	2,305.61	8,296.64	8,223.29	73.35	113.116	
9,000.00	6,079.15	5,751.00	5,721.87	142.31	16.94	-146.08	-2,494.06	2,305.61	8,376.33	8,302.70	73.64	113.751	
9,100.00	6,135.36	5,797.63	5,768.35	144.32	17.06	-146.29	-2,497.74	2,306.38	8,456.03	8,381.83	74.20	113.956	
9,200.00	6,191.57	5,846.00	5,816.46	146.34	17.19	-146.49	-2,502.56	2,307.62	8,536.43	8,461.64	74.79	114.139	
9,300.00	6,247.79	5,846.00	5,816.46	148.35	17.19	-146.49	-2,502.56	2,307.62	8,616.78	8,541.71	75.07	114.790	
9,400.00	6,304.00	5,853.23	5,823.65	150.36	17.21	-146.52	-2,503.36	2,307.84	8,697.54	8,622.15	75.38	115.378	
9,500.00	6,360.21	6,000.27	5,969.96	152.37	17.62	-147.13	-2,517.24	2,311.75	8,778.07	8,701.47	76.60	114.601	
9,600.00	6,416.42	6,068.88	6,038.35	154.39	17.80	-147.41	-2,522.58	2,313.38	8,858.40	8,781.11	77.29	114.616	
9,700.00	6,472.64	6,099.03	6,068.40	156.40	17.88	-147.54	-2,524.90	2,314.14	8,938.87	8,861.13	77.74	114.988	
9,800.00	6,528.85	6,130.00	6,099.25	158.41	17.96	-147.66	-2,527.43	2,314.98	9,019.55	8,941.35	78.19	115.352	
9,900.00	6,585.06	6,196.51	6,165.51	160.42	18.15	-147.93	-2,532.91	2,316.83	9,100.32	9,021.45	78.87	115.381	
10,000.00	6,641.27	6,224.00	6,192.90	162.44	18.22	-148.04	-2,535.12	2,317.57	9,181.13	9,101.83	79.30	115.777	
10,100.00	6,697.49	6,224.00	6,192.90	164.45	18.22	-148.04	-2,535.12	2,317.57	9,262.29	9,182.74	79.55	116.435	
10,200.00	6,753.70	6,224.00	6,192.90	166.46	18.22	-148.04	-2,535.12	2,317.57	9,343.81	9,264.02	79.79	117.103	
10,300.00	6,809.91	6,271.60	6,240.27	168.48	18.37	-148.22	-2,539.48	2,319.14	9,425.19	9,344.83	80.36	117.292	
10,400.00	6,866.12	6,319.00	6,287.30	170.49	18.51	-148.38	-2,544.97	2,321.27	9,507.36	9,426.43	80.93	117.474	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
SEC 28-T3S-R65W - FLORIDA 3-65 27-26 4AH - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3385-MWD OWSG													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,500.00	6,922.34	6,319.00	6,287.30	172.50	18.51	-148.38	-2,544.97	2,321.27	9,589.40	9,508.23	81.16	118.148	
10,600.00	6,978.55	6,319.00	6,287.30	174.52	18.51	-148.38	-2,544.97	2,321.27	9,671.77	9,590.37	81.39	118.830	
10,700.00	7,034.76	6,319.00	6,287.30	176.53	18.51	-148.38	-2,544.97	2,321.27	9,754.47	9,672.85	81.61	119.519	
10,800.00	7,090.98	6,362.89	6,330.78	178.54	18.65	-148.53	-2,550.53	2,323.57	9,837.33	9,755.16	82.17	119.720	
10,900.00	7,147.19	6,413.00	6,380.42	180.56	18.82	-148.70	-2,556.75	2,326.36	9,920.37	9,837.60	82.77	119.855	
11,000.00	7,203.40	6,469.83	6,436.78	182.57	19.00	-148.90	-2,563.29	2,329.59	10,003.44	9,920.03	83.41	119.933	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 4BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3387-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	40.66	40.66	0.27	0.06	132.55	-1,987.74	2,165.45	2,939.45	2,939.11	0.33	8,816.024	CC, ES	
200.00	200.00	121.98	121.98	0.63	0.19	132.54	-1,987.88	2,166.02	2,940.08	2,939.26	0.82	3,583.284		
300.00	300.00	209.00	208.99	0.99	0.33	132.53	-1,988.20	2,167.25	2,941.36	2,940.04	1.32	2,234.605		
400.00	400.00	264.43	264.40	1.34	0.53	132.53	-1,988.89	2,168.33	2,943.58	2,941.70	1.87	1,570.593		
500.00	500.00	300.00	299.95	1.70	0.66	132.53	-1,989.78	2,169.11	2,947.33	2,944.97	2.36	1,247.627		
600.00	599.98	363.00	362.86	2.05	0.89	-128.79	-1,992.52	2,170.90	2,953.71	2,950.77	2.94	1,005.146		
700.00	699.84	391.00	390.79	2.40	1.00	-128.63	-1,994.26	2,171.93	2,964.34	2,960.95	3.39	874.662		
800.00	799.45	450.47	450.00	2.76	1.22	-128.44	-1,999.17	2,174.51	2,978.79	2,974.83	3.96	752.156		
900.00	898.70	499.03	498.22	3.13	1.41	-128.19	-2,004.39	2,176.98	2,997.30	2,992.80	4.50	665.854		
1,000.00	997.47	575.00	573.45	3.53	1.73	-127.94	-2,014.14	2,180.88	3,019.33	3,014.17	5.16	585.392		
1,100.00	1,095.62	621.45	619.33	3.95	1.93	-127.59	-2,021.14	2,183.05	3,044.49	3,038.76	5.72	531.844		
1,200.00	1,193.06	689.94	686.70	4.41	2.23	-127.23	-2,033.16	2,185.60	3,072.83	3,066.43	6.40	480.225		
1,300.00	1,289.64	790.32	785.21	4.91	2.69	-126.88	-2,052.25	2,188.48	3,103.61	3,096.37	7.24	428.818		
1,400.00	1,385.27	970.86	962.92	5.45	3.51	-126.78	-2,083.69	2,192.41	3,134.89	3,126.43	8.45	370.774		
1,500.00	1,479.82	1,046.00	1,037.20	6.04	3.84	-126.48	-2,094.79	2,194.57	3,167.04	3,157.79	9.25	342.437		
1,600.00	1,573.17	1,115.05	1,105.42	6.69	4.15	-126.15	-2,105.18	2,196.97	3,201.86	3,191.81	10.05	318.653		
1,700.00	1,665.21	1,189.35	1,178.72	7.39	4.48	-125.82	-2,116.94	2,199.92	3,239.47	3,228.56	10.91	297.024		
1,800.00	1,755.84	1,265.59	1,253.88	8.16	4.83	-125.48	-2,129.44	2,202.83	3,279.36	3,267.55	11.81	277.640		
1,900.00	1,844.94	1,331.00	1,318.31	9.00	5.13	-125.06	-2,140.39	2,205.63	3,321.80	3,309.09	12.71	261.448		
2,000.00	1,932.39	1,412.38	1,398.46	9.91	5.51	-124.73	-2,153.88	2,209.63	3,366.58	3,352.87	13.71	245.571		
2,100.00	2,018.11	1,482.36	1,467.34	10.89	5.84	-124.30	-2,165.77	2,213.04	3,413.56	3,398.85	14.70	232.166		
2,200.00	2,101.97	1,570.11	1,553.41	11.94	6.26	-123.93	-2,182.56	2,216.09	3,462.77	3,446.93	15.83	218.718		
2,300.00	2,183.88	1,650.61	1,632.35	13.08	6.65	-123.49	-2,198.16	2,218.28	3,513.56	3,496.59	16.97	207.020		
2,400.00	2,263.74	1,710.00	1,690.48	14.28	6.94	-122.87	-2,210.22	2,219.83	3,566.67	3,548.63	18.04	197.692		
2,500.00	2,341.45	1,752.31	1,731.80	15.57	7.16	-122.07	-2,219.27	2,220.97	3,622.23	3,603.17	19.06	190.077		
2,600.00	2,416.92	1,806.00	1,784.07	16.93	7.43	-121.30	-2,231.41	2,222.55	3,680.32	3,660.16	20.17	182.493		
2,700.00	2,490.05	1,928.33	1,903.27	18.37	8.06	-121.08	-2,258.74	2,225.66	3,739.99	3,718.27	21.72	172.219		
2,800.00	2,560.76	2,078.32	2,050.40	19.88	8.79	-121.20	-2,287.51	2,229.81	3,800.33	3,776.90	23.43	162.181		
2,900.00	2,628.95	2,136.81	2,108.06	21.48	9.06	-120.46	-2,297.22	2,231.60	3,861.52	3,836.87	24.65	156.649		
3,000.00	2,694.55	2,184.00	2,154.53	23.15	9.28	-119.55	-2,305.25	2,233.17	3,924.86	3,899.04	25.83	151.967		
3,100.00	2,757.48	2,324.20	2,292.74	24.89	9.93	-119.62	-2,328.55	2,236.03	3,988.82	3,961.26	27.56	144.753		
3,200.00	2,817.66	2,373.00	2,340.85	26.70	10.15	-118.64	-2,336.71	2,236.85	4,054.81	4,026.03	28.79	140.854		
3,300.00	2,875.03	2,412.14	2,379.42	28.58	10.33	-117.65	-2,343.31	2,237.64	4,122.76	4,092.79	29.97	137.543		
3,400.00	2,931.24	2,454.56	2,421.23	30.50	10.53	-118.17	-2,350.45	2,238.64	4,191.89	4,160.72	31.17	134.474		
3,500.00	2,987.46	2,492.51	2,458.62	32.43	10.71	-118.62	-2,356.88	2,239.67	4,261.72	4,229.39	32.33	131.832		
3,600.00	3,043.67	2,528.68	2,494.22	34.37	10.88	-119.05	-2,363.16	2,240.75	4,332.27	4,298.81	33.45	129.504		
3,700.00	3,099.88	2,577.13	2,541.86	36.32	11.11	-119.62	-2,371.81	2,242.29	4,403.50	4,368.86	34.64	127.117		
3,800.00	3,156.09	2,721.29	2,683.48	38.27	11.79	-121.20	-2,398.64	2,244.10	4,474.23	4,437.77	36.46	122.721		
3,900.00	3,212.31	2,784.60	2,745.77	40.23	12.09	-121.87	-2,409.96	2,244.43	4,544.97	4,507.24	37.73	120.461		
4,000.00	3,268.52	2,814.48	2,775.18	42.20	12.23	-122.19	-2,415.29	2,244.73	4,616.33	4,577.57	38.76	119.096		
4,100.00	3,324.73	2,845.00	2,805.18	44.17	12.38	-122.50	-2,420.85	2,245.18	4,688.38	4,648.60	39.78	117.865		
4,200.00	3,380.94	2,878.52	2,838.11	46.15	12.54	-122.85	-2,427.07	2,245.81	4,761.06	4,720.27	40.80	116.701		
4,300.00	3,437.16	2,912.91	2,871.88	48.12	12.70	-123.19	-2,433.54	2,246.57	4,834.32	4,792.52	41.80	115.641		
4,400.00	3,493.37	2,940.00	2,898.46	50.11	12.84	-123.46	-2,438.71	2,247.25	4,908.15	4,865.41	42.74	114.833		
4,500.00	3,549.58	2,976.16	2,933.93	52.09	13.01	-123.82	-2,445.65	2,248.35	4,982.52	4,938.80	43.73	113.948		
4,600.00	3,605.79	3,005.57	2,962.78	54.08	13.16	-124.11	-2,451.26	2,249.43	5,057.47	5,012.83	44.64	113.285		
4,700.00	3,662.01	3,035.00	2,991.65	56.07	13.30	-124.39	-2,456.87	2,250.68	5,132.96	5,087.42	45.54	112.704		
4,800.00	3,718.22	3,078.74	3,034.53	58.06	13.52	-124.81	-2,465.24	2,252.68	5,208.90	5,162.37	46.54	111.932		
4,900.00	3,774.43	3,174.18	3,128.09	60.05	13.98	-125.70	-2,483.63	2,256.76	5,285.01	5,237.10	47.91	110.304		
5,000.00	3,830.65	3,426.79	3,376.68	62.04	14.79	-127.94	-2,527.99	2,262.28	5,359.34	5,309.30	50.03	107.120		
5,100.00	3,886.86	3,482.00	3,431.19	64.04	14.88	-128.41	-2,536.75	2,263.01	5,433.62	5,382.73	50.90	106.756		
5,200.00	3,943.07	3,547.82	3,496.24	66.03	14.98	-128.97	-2,546.77	2,264.01	5,508.12	5,456.32	51.79	106.346		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 4BH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3387-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,300.00	3,999.28	3,618.90	3,566.58	68.03	15.08	-129.56	-2,556.90	2,265.15	5,582.67	5,529.97	52.70	105.939	
5,400.00	4,055.50	3,696.02	3,643.02	70.03	15.20	-130.20	-2,567.03	2,266.54	5,657.31	5,603.71	53.61	105.530	
5,500.00	4,111.71	3,799.13	3,745.19	72.03	15.36	-131.03	-2,580.89	2,267.52	5,731.79	5,677.16	54.63	104.924	
5,600.00	4,167.92	3,861.00	3,806.57	74.03	15.46	-131.52	-2,588.64	2,267.95	5,806.16	5,750.69	55.47	104.669	
5,700.00	4,224.13	3,913.46	3,858.57	76.03	15.56	-131.92	-2,595.56	2,268.18	5,880.75	5,824.47	56.28	104.487	
5,800.00	4,280.35	3,955.30	3,899.90	78.03	15.64	-132.22	-2,602.03	2,268.13	5,955.72	5,898.67	57.04	104.405	
5,900.00	4,336.56	4,046.27	3,989.79	80.04	15.82	-132.86	-2,616.02	2,267.90	6,030.77	5,972.72	58.05	103.897	
6,000.00	4,392.77	4,143.53	4,086.24	82.04	16.00	-133.56	-2,628.60	2,267.93	6,105.65	6,046.61	59.04	103.419	
6,100.00	4,448.98	4,226.11	4,168.25	84.04	16.16	-134.14	-2,638.24	2,267.70	6,180.24	6,120.29	59.95	103.093	
6,200.00	4,505.20	4,238.00	4,180.05	86.05	16.18	-134.23	-2,639.63	2,267.66	6,255.22	6,194.69	60.53	103.337	
6,300.00	4,561.41	4,282.09	4,223.76	88.05	16.27	-134.52	-2,645.40	2,267.44	6,330.44	6,269.17	61.27	103.319	
6,400.00	4,617.62	4,332.00	4,273.06	90.06	16.38	-134.84	-2,653.20	2,267.49	6,406.50	6,344.46	62.04	103.262	
6,500.00	4,673.83	4,332.00	4,273.06	92.07	16.38	-134.84	-2,653.20	2,267.49	6,482.66	6,420.12	62.53	103.668	
6,600.00	4,730.05	4,390.73	4,331.02	94.07	16.52	-135.21	-2,662.60	2,267.78	6,559.33	6,495.99	63.34	103.550	
6,700.00	4,786.26	4,460.61	4,400.19	96.08	16.69	-135.65	-2,672.60	2,268.18	6,635.87	6,571.67	64.20	103.359	
6,800.00	4,842.47	4,506.81	4,445.89	98.09	16.80	-135.93	-2,679.34	2,268.45	6,712.60	6,647.67	64.92	103.393	
6,900.00	4,898.68	4,598.72	4,536.86	100.09	17.02	-136.49	-2,692.46	2,268.75	6,789.20	6,723.30	65.90	103.028	
7,000.00	4,954.90	4,649.62	4,587.26	102.10	17.15	-136.79	-2,699.56	2,268.83	6,865.86	6,799.22	66.64	103.032	
7,100.00	5,011.11	4,674.04	4,611.40	104.11	17.21	-136.93	-2,703.21	2,268.92	6,942.90	6,875.68	67.22	103.283	
7,200.00	5,067.32	4,711.00	4,647.88	106.12	17.31	-137.14	-2,709.16	2,269.14	7,020.35	6,952.48	67.88	103.427	
7,300.00	5,123.53	4,774.68	4,710.79	108.13	17.48	-137.50	-2,719.04	2,269.54	7,097.86	7,029.16	68.69	103.324	
7,400.00	5,179.75	4,901.15	4,835.95	110.14	17.81	-138.20	-2,737.13	2,270.05	7,175.10	7,105.23	69.88	102.680	
7,500.00	5,235.96	4,987.75	4,921.82	112.15	18.03	-138.67	-2,748.40	2,270.19	7,252.15	7,181.35	70.80	102.430 SF	
7,600.00	5,292.17	4,996.00	4,930.00	114.16	18.05	-138.72	-2,749.42	2,270.20	7,329.36	7,258.10	71.26	102.859	
7,700.00	5,348.38	4,996.00	4,930.00	116.17	18.05	-138.72	-2,749.42	2,270.20	7,407.11	7,335.46	71.65	103.377	
7,800.00	5,404.60	5,033.12	4,966.79	118.18	18.16	-138.92	-2,754.42	2,270.45	7,484.97	7,412.70	72.27	103.565	
7,900.00	5,460.81	5,045.66	4,979.17	120.19	18.19	-138.98	-2,756.31	2,270.63	7,563.44	7,490.71	72.73	103.991	
8,000.00	5,517.02	5,090.00	5,022.88	122.20	18.32	-139.20	-2,763.75	2,271.65	7,642.62	7,569.22	73.40	104.121	
8,100.00	5,573.24	5,090.00	5,022.88	124.21	18.32	-139.20	-2,763.75	2,271.65	7,721.71	7,647.95	73.76	104.686	
8,200.00	5,629.45	5,090.00	5,022.88	126.22	18.32	-139.20	-2,763.75	2,271.65	7,801.28	7,727.17	74.11	105.267	
8,300.00	5,685.66	5,137.14	5,069.24	128.23	18.47	-139.43	-2,772.12	2,273.02	7,881.26	7,806.46	74.80	105.368	
8,400.00	5,741.87	5,229.58	5,160.30	130.24	18.77	-139.87	-2,787.87	2,275.45	7,961.06	7,885.24	75.82	105.004	
8,500.00	5,798.09	5,297.78	5,227.29	132.25	18.99	-140.17	-2,800.57	2,276.76	8,040.78	7,964.11	76.67	104.871	
8,600.00	5,854.30	5,582.66	5,507.66	134.26	19.95	-141.39	-2,850.82	2,277.83	8,118.96	8,039.77	79.19	102.525	
8,700.00	5,910.51	5,624.78	5,549.14	136.28	20.09	-141.57	-2,858.13	2,277.57	8,197.23	8,117.37	79.86	102.650	
8,800.00	5,966.72	5,659.00	5,582.89	138.29	20.20	-141.71	-2,863.77	2,277.49	8,275.68	8,195.23	80.45	102.862	
8,900.00	6,022.94	5,659.00	5,582.89	140.30	20.20	-141.71	-2,863.77	2,277.49	8,354.50	8,273.71	80.79	103.416	
9,000.00	6,079.15	5,659.00	5,582.89	142.31	20.20	-141.71	-2,863.77	2,277.49	8,433.76	8,352.65	81.11	103.982	
9,100.00	6,135.36	5,699.77	5,623.06	144.32	20.35	-141.87	-2,870.74	2,277.73	8,513.02	8,431.28	81.75	104.138	
9,200.00	6,191.57	5,712.31	5,635.39	146.34	20.39	-141.92	-2,873.03	2,277.91	8,592.84	8,510.68	82.16	104.589	
9,300.00	6,247.79	5,753.00	5,675.28	148.35	20.54	-142.08	-2,880.98	2,278.81	8,673.21	8,590.41	82.80	104.750	
9,400.00	6,304.00	5,753.00	5,675.28	150.36	20.54	-142.08	-2,880.98	2,278.81	8,753.55	8,670.45	83.10	105.342	
9,500.00	6,360.21	5,753.00	5,675.28	152.37	20.54	-142.08	-2,880.98	2,278.81	8,834.29	8,750.91	83.39	105.945	
9,600.00	6,416.42	5,753.00	5,675.28	154.39	20.54	-142.08	-2,880.98	2,278.81	8,915.43	8,831.76	83.67	106.557	
9,700.00	6,472.64	5,801.96	5,723.26	156.40	20.72	-142.26	-2,890.58	2,280.42	8,996.69	8,912.32	84.37	106.639	
9,800.00	6,528.85	5,848.00	5,768.51	158.41	20.89	-142.44	-2,898.84	2,282.34	9,078.23	8,993.20	85.03	106.771	
9,900.00	6,585.06	5,848.00	5,768.51	160.42	20.89	-142.44	-2,898.84	2,282.34	9,159.91	9,074.62	85.29	107.392	
10,000.00	6,641.27	5,893.37	5,813.21	162.44	21.05	-142.62	-2,906.28	2,284.57	9,241.77	9,155.86	85.92	107.566	
10,100.00	6,697.49	5,982.72	5,901.39	164.45	21.35	-142.98	-2,919.96	2,289.24	9,323.76	9,236.88	86.88	107.318	
10,200.00	6,753.70	6,340.30	6,253.94	166.46	22.63	-144.29	-2,978.51	2,299.67	9,404.35	9,314.30	90.05	104.430	
10,300.00	6,809.91	6,392.16	6,305.21	168.48	22.81	-144.48	-2,986.27	2,300.55	9,484.46	9,393.72	90.74	104.526	
10,400.00	6,866.12	6,415.00	6,327.82	170.49	22.89	-144.56	-2,989.45	2,301.00	9,564.69	9,473.50	91.19	104.891	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - FLORIDA 3-65 27-26 4BH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3387-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,500.00	6,922.34	6,450.14	6,362.60	172.50	23.01	-144.69	-2,994.41	2,301.78	9,645.10	9,553.37	91.73	105.147	
10,600.00	6,978.55	6,472.57	6,384.77	174.52	23.09	-144.76	-2,997.75	2,302.33	9,725.76	9,633.59	92.17	105.517	
10,700.00	7,034.76	6,511.00	6,422.70	176.53	23.22	-144.89	-3,003.81	2,303.40	9,806.69	9,713.95	92.74	105.740	
10,800.00	7,090.98	6,550.47	6,461.66	178.54	23.37	-145.03	-3,010.06	2,304.55	9,887.76	9,794.43	93.32	105.953	
10,900.00	7,147.19	6,640.02	6,550.19	180.56	23.69	-145.33	-3,023.28	2,307.04	9,968.67	9,874.36	94.30	105.708	
11,000.00	7,203.40	6,696.27	6,605.59	182.57	23.90	-145.51	-3,032.96	2,308.26	10,049.58	9,954.54	95.04	105.741	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 1H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-32.72	67.39	-43.29	80.10					
100.00	100.00	100.00	100.00	0.27	0.27	-32.72	67.39	-43.29	80.10	79.56	0.54	148.969	CC, ES	
200.00	200.00	198.21	198.19	0.63	0.62	-33.63	67.60	-44.96	81.21	79.96	1.25	65.159		
300.00	300.00	296.18	296.03	0.99	0.97	-36.22	68.21	-49.96	84.64	82.68	1.96	43.198		
400.00	400.00	393.70	393.19	1.34	1.34	-40.07	69.22	-58.22	90.71	88.03	2.68	33.863		
500.00	500.00	490.55	489.34	1.70	1.72	-44.62	70.62	-69.68	99.78	96.37	3.40	29.341		
600.00	599.98	586.76	584.42	2.05	2.12	49.74	72.39	-84.24	111.04	106.93	4.11	27.014		
700.00	699.84	682.52	678.51	2.40	2.56	46.65	74.55	-101.88	123.24	118.43	4.81	25.603		
800.00	799.45	777.83	771.52	2.76	3.02	44.43	77.07	-122.52	136.14	130.62	5.53	24.630		
900.00	898.70	872.69	863.35	3.13	3.52	42.89	79.95	-146.10	149.58	143.32	6.26	23.909		
1,000.00	997.47	967.10	953.92	3.53	4.06	41.86	83.18	-172.56	163.44	156.44	7.00	23.357		
1,100.00	1,095.62	1,061.07	1,043.14	3.95	4.64	41.23	86.75	-201.82	177.66	169.89	7.77	22.859		
1,200.00	1,193.06	1,154.58	1,130.93	4.41	5.27	40.91	90.66	-233.80	192.19	183.62	8.58	22.413		
1,300.00	1,289.64	1,247.66	1,217.20	4.91	5.95	40.84	94.89	-268.44	207.01	197.59	9.42	21.982		
1,400.00	1,385.27	1,340.29	1,301.90	5.45	6.68	40.96	99.43	-305.66	222.10	211.79	10.31	21.550		
1,500.00	1,479.82	1,432.48	1,384.95	6.04	7.46	41.23	104.28	-345.39	237.44	226.19	11.25	21.102		
1,600.00	1,573.17	1,524.24	1,466.29	6.69	8.29	41.62	109.43	-387.54	253.04	240.78	12.26	20.634		
1,700.00	1,665.21	1,615.58	1,545.86	7.39	9.18	42.11	114.86	-432.04	268.90	255.55	13.35	20.140		
1,800.00	1,755.84	1,706.49	1,623.60	8.16	10.13	42.67	120.58	-478.81	285.01	270.48	14.52	19.622		
1,900.00	1,844.94	1,800.00	1,701.97	9.00	11.16	43.32	126.76	-529.45	301.39	285.54	15.85	19.015		
2,000.00	1,932.39	1,887.08	1,773.41	9.91	12.20	43.96	132.79	-578.87	318.00	300.83	17.17	18.518		
2,100.00	2,018.11	1,976.77	1,845.38	10.89	13.32	44.66	139.28	-632.00	334.89	316.23	18.67	17.942		
2,200.00	2,101.97	2,066.07	1,915.33	11.94	14.50	45.38	146.01	-687.09	352.05	331.77	20.28	17.359		
2,300.00	2,183.88	2,155.00	1,983.24	13.08	15.73	46.13	152.97	-744.08	369.47	347.44	22.02	16.775		
2,400.00	2,263.74	2,243.55	2,049.06	14.28	17.02	46.88	160.15	-802.88	387.15	363.25	23.90	16.196		
2,500.00	2,341.45	2,331.75	2,112.77	15.57	18.37	47.64	167.54	-863.42	405.11	379.18	25.92	15.626		
2,600.00	2,416.92	2,419.60	2,174.32	16.93	19.77	48.40	175.14	-925.63	423.32	395.24	28.09	15.071		
2,700.00	2,490.05	2,507.12	2,233.71	18.37	21.22	49.16	182.93	-989.43	441.81	411.41	30.40	14.533		
2,800.00	2,560.76	2,594.31	2,290.89	19.88	22.73	49.92	190.90	-1,054.77	460.55	427.69	32.87	14.013		
2,900.00	2,628.95	2,681.20	2,345.86	21.48	24.30	50.67	199.06	-1,121.56	479.55	444.07	35.48	13.515		
3,000.00	2,694.55	2,767.98	2,398.70	23.15	25.90	51.41	207.40	-1,189.89	498.80	460.55	38.25	13.041		
3,100.00	2,757.48	2,865.61	2,457.01	24.89	27.76	52.40	216.90	-1,267.62	517.20	475.66	41.54	12.450		
3,200.00	2,817.66	2,963.26	2,515.33	26.70	29.62	53.63	226.39	-1,345.36	533.81	488.72	45.09	11.840		
3,300.00	2,875.03	3,060.82	2,573.59	28.58	31.48	55.11	235.87	-1,423.03	548.79	499.91	48.88	11.227		
3,400.00	2,931.24	3,158.30	2,631.81	30.50	33.36	56.83	245.35	-1,500.64	563.48	510.66	52.82	10.668		
3,500.00	2,987.46	3,255.78	2,690.03	32.43	35.24	58.46	254.83	-1,578.25	578.65	521.84	56.81	10.185		
3,600.00	3,043.67	3,353.27	2,748.25	34.37	37.12	60.02	264.30	-1,655.86	594.27	533.42	60.85	9.766		
3,700.00	3,099.88	3,450.75	2,806.48	36.32	39.01	61.49	273.78	-1,733.47	610.31	545.39	64.92	9.401		
3,800.00	3,156.09	3,548.23	2,864.70	38.27	40.90	62.89	283.26	-1,811.08	626.73	557.71	69.02	9.081		
3,900.00	3,212.31	3,645.72	2,922.92	40.23	42.79	64.22	292.73	-1,888.69	643.50	570.37	73.13	8.799		
4,000.00	3,268.52	3,743.20	2,981.14	42.20	44.69	65.48	302.21	-1,966.31	660.60	583.34	77.26	8.550		
4,100.00	3,324.73	3,840.68	3,039.36	44.17	46.59	66.68	311.69	-2,043.92	678.00	596.60	81.40	8.330		
4,200.00	3,380.94	3,938.17	3,097.58	46.15	48.49	67.82	321.17	-2,121.53	695.68	610.14	85.54	8.133		
4,300.00	3,437.16	4,035.65	3,155.80	48.12	50.39	68.91	330.64	-2,199.14	713.62	623.93	89.68	7.957		
4,400.00	3,493.37	4,133.13	3,214.02	50.11	52.30	69.94	340.12	-2,276.75	731.79	637.97	93.83	7.799		
4,500.00	3,549.58	4,230.61	3,272.24	52.09	54.20	70.92	349.60	-2,354.36	750.19	652.22	97.97	7.657		
4,600.00	3,605.79	4,328.10	3,330.46	54.08	56.11	71.86	359.07	-2,431.97	768.80	666.69	102.11	7.529		
4,700.00	3,662.01	4,425.58	3,388.69	56.07	58.02	72.75	368.55	-2,509.58	787.60	681.35	106.25	7.413		
4,800.00	3,718.22	4,523.06	3,446.91	58.06	59.93	73.60	378.03	-2,587.19	806.57	696.20	110.38	7.308		
4,900.00	3,774.43	4,620.55	3,505.13	60.05	61.84	74.41	387.50	-2,664.80	825.72	711.22	114.50	7.212		
5,000.00	3,830.65	4,718.03	3,563.35	62.04	63.75	75.19	396.98	-2,742.42	845.01	726.39	118.62	7.124		
5,100.00	3,886.86	4,815.51	3,621.57	64.04	65.67	75.93	406.46	-2,820.03	864.45	741.73	122.73	7.044		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 1H - 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	3,943.07	4,913.00	3,679.79	66.03	67.58	76.64	415.94	-2,897.64	884.03	757.20	126.83	6.970		
5,300.00	3,999.28	5,010.48	3,738.01	68.03	69.49	77.32	425.41	-2,975.25	903.73	772.80	130.93	6.903		
5,400.00	4,055.50	5,107.96	3,796.23	70.03	71.41	77.97	434.89	-3,052.86	923.55	788.53	135.01	6.840		
5,500.00	4,111.71	5,205.45	3,854.45	72.03	73.32	78.59	444.37	-3,130.47	943.48	804.38	139.10	6.783		
5,600.00	4,167.92	5,302.93	3,912.67	74.03	75.24	79.19	453.84	-3,208.08	963.51	820.34	143.17	6.730		
5,700.00	4,224.13	5,400.41	3,970.89	76.03	77.15	79.76	463.32	-3,285.69	983.64	836.41	147.24	6.681		
5,800.00	4,280.35	5,497.89	4,029.12	78.03	79.07	80.31	472.80	-3,363.30	1,003.87	852.57	151.29	6.635		
5,900.00	4,336.56	5,595.38	4,087.34	80.04	80.99	80.84	482.27	-3,440.91	1,024.17	868.83	155.35	6.593		
6,000.00	4,392.77	5,692.86	4,145.56	82.04	82.90	81.34	491.75	-3,518.52	1,044.56	885.17	159.39	6.553		
6,100.00	4,448.98	5,790.34	4,203.78	84.04	84.82	81.83	501.23	-3,596.14	1,065.03	901.60	163.43	6.517		
6,200.00	4,505.20	5,887.83	4,262.00	86.05	86.74	82.30	510.71	-3,673.75	1,085.57	918.10	167.46	6.482		
6,300.00	4,561.41	5,985.31	4,320.22	88.05	88.66	82.76	520.18	-3,751.36	1,106.17	934.68	171.49	6.450		
6,400.00	4,617.62	6,082.79	4,378.44	90.06	90.58	83.19	529.66	-3,828.97	1,126.84	951.34	175.51	6.421		
6,500.00	4,673.83	6,180.28	4,436.66	92.07	92.50	83.61	539.14	-3,906.58	1,147.57	968.05	179.52	6.392		
6,600.00	4,730.05	6,277.76	4,494.88	94.07	94.42	84.02	548.61	-3,984.19	1,168.36	984.83	183.53	6.366		
6,700.00	4,786.26	6,375.24	4,553.10	96.08	96.34	84.41	558.09	-4,061.80	1,189.20	1,001.68	187.53	6.341		
6,800.00	4,842.47	6,472.73	4,611.33	98.09	98.26	84.79	567.57	-4,139.41	1,210.10	1,018.57	191.53	6.318		
6,900.00	4,898.68	6,570.21	4,669.55	100.09	100.18	85.16	577.04	-4,217.02	1,231.04	1,035.53	195.52	6.296		
7,000.00	4,954.90	6,667.69	4,727.77	102.10	102.10	85.51	586.52	-4,294.63	1,252.03	1,052.53	199.50	6.276		
7,100.00	5,011.11	6,765.17	4,785.99	104.11	104.02	85.85	596.00	-4,372.24	1,273.07	1,069.58	203.49	6.256		
7,200.00	5,067.32	6,862.66	4,844.21	106.12	105.94	86.18	605.48	-4,449.86	1,294.15	1,086.68	207.46	6.238		
7,300.00	5,123.53	6,960.14	4,902.43	108.13	107.86	86.50	614.95	-4,527.47	1,315.26	1,103.83	211.43	6.221		
7,400.00	5,179.75	7,057.62	4,960.65	110.14	109.78	86.81	624.43	-4,605.08	1,336.42	1,121.02	215.40	6.204		
7,500.00	5,235.96	7,155.11	5,018.87	112.15	111.70	87.11	633.91	-4,682.69	1,357.61	1,138.24	219.37	6.189		
7,600.00	5,292.17	7,252.59	5,077.09	114.16	113.62	87.41	643.38	-4,760.30	1,378.84	1,155.51	223.32	6.174		
7,700.00	5,348.38	7,350.07	5,135.31	116.17	115.54	87.69	652.86	-4,837.91	1,400.10	1,172.82	227.28	6.160		
7,800.00	5,404.60	7,447.56	5,193.53	118.18	117.46	87.96	662.34	-4,915.52	1,421.39	1,190.16	231.23	6.147		
7,900.00	5,460.81	7,545.04	5,251.76	120.19	119.38	88.23	671.81	-4,993.13	1,442.71	1,207.53	235.18	6.134		
8,000.00	5,517.02	7,642.52	5,309.98	122.20	121.31	88.49	681.29	-5,070.74	1,464.06	1,224.94	239.13	6.123		
8,100.00	5,573.24	7,740.01	5,368.20	124.21	123.23	88.74	690.77	-5,148.35	1,485.44	1,242.37	243.07	6.111		
8,200.00	5,629.45	7,837.49	5,426.42	126.22	125.15	88.98	700.25	-5,225.97	1,506.84	1,259.84	247.00	6.100		
8,300.00	5,685.66	7,934.97	5,484.64	128.23	127.07	89.22	709.72	-5,303.58	1,528.28	1,277.34	250.94	6.090		
8,400.00	5,741.87	8,032.45	5,542.86	130.24	128.99	89.45	719.20	-5,381.19	1,549.73	1,294.86	254.87	6.080		
8,500.00	5,798.09	8,129.94	5,601.08	132.25	130.92	89.67	728.68	-5,458.80	1,571.21	1,312.41	258.80	6.071		
8,600.00	5,854.30	8,227.42	5,659.30	134.26	132.84	89.89	738.15	-5,536.41	1,592.71	1,329.98	262.73	6.062		
8,700.00	5,910.51	8,324.90	5,717.52	136.28	134.76	90.11	747.63	-5,614.02	1,614.23	1,347.58	266.65	6.054		
8,800.00	5,966.72	8,422.39	5,775.74	138.29	136.68	90.31	757.11	-5,691.63	1,635.77	1,365.21	270.57	6.046		
8,900.00	6,022.94	8,519.87	5,833.97	140.30	138.61	90.51	766.58	-5,769.24	1,657.34	1,382.85	274.49	6.038		
9,000.00	6,079.15	8,617.35	5,892.19	142.31	140.53	90.71	776.06	-5,846.85	1,678.92	1,400.52	278.40	6.031		
9,100.00	6,135.36	8,714.84	5,950.41	144.32	142.45	90.90	785.54	-5,924.46	1,700.52	1,418.21	282.31	6.023		
9,200.00	6,191.57	8,812.32	6,008.63	146.34	144.37	91.09	795.02	-6,002.07	1,722.14	1,435.91	286.23	6.017		
9,300.00	6,247.79	8,909.80	6,066.85	148.35	146.30	91.27	804.49	-6,079.69	1,743.77	1,453.64	290.13	6.010		
9,400.00	6,304.00	9,007.29	6,125.07	150.36	148.22	91.45	813.97	-6,157.30	1,765.42	1,471.38	294.04	6.004		
9,500.00	6,360.21	9,104.77	6,183.29	152.37	150.14	91.62	823.45	-6,234.91	1,787.09	1,489.15	297.94	5.998		
9,600.00	6,416.42	9,202.25	6,241.51	154.39	152.07	91.79	832.92	-6,312.52	1,808.77	1,506.93	301.85	5.992		
9,700.00	6,472.64	9,299.74	6,299.73	156.40	153.99	91.96	842.40	-6,390.13	1,830.47	1,524.73	305.75	5.987		
9,800.00	6,528.85	9,397.22	6,357.95	158.41	155.91	92.12	851.88	-6,467.74	1,852.18	1,542.54	309.64	5.982		
9,900.00	6,585.06	9,494.70	6,416.18	160.42	157.84	92.27	861.35	-6,545.35	1,873.91	1,560.37	313.54	5.977		
10,000.00	6,641.27	9,592.18	6,474.40	162.44	159.76	92.43	870.83	-6,622.96	1,895.65	1,578.21	317.44	5.972		
10,100.00	6,697.49	9,689.67	6,532.62	164.45	161.68	92.58	880.31	-6,700.57	1,917.40	1,596.07	321.33	5.967		
10,200.00	6,753.70	9,787.15	6,590.84	166.46	163.61	92.73	889.79	-6,778.18	1,939.16	1,613.94	325.22	5.963		
10,300.00	6,809.91	9,884.63	6,649.06	168.48	165.53	92.87	899.26	-6,855.79	1,960.94	1,631.83	329.11	5.958		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 1H - 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	6,866.12	9,982.12	6,707.28	170.49	167.45	93.01	908.74	-6,933.41	1,982.72	1,649.73	333.00	5.954		
10,500.00	6,922.34	10,079.60	6,765.50	172.50	169.38	93.15	918.22	-7,011.02	2,004.52	1,667.64	336.88	5.950		
10,600.00	6,978.55	10,177.08	6,823.72	174.52	171.30	93.28	927.69	-7,088.63	2,026.33	1,685.56	340.77	5.946		
10,700.00	7,034.76	10,274.57	6,881.94	176.53	173.22	93.41	937.17	-7,166.24	2,048.15	1,703.50	344.65	5.943		
10,800.00	7,090.98	10,372.05	6,940.16	178.54	175.15	93.54	946.65	-7,243.85	2,069.98	1,721.45	348.53	5.939		
10,900.00	7,147.19	10,469.53	6,998.38	180.56	177.07	93.67	956.12	-7,321.46	2,091.82	1,739.40	352.41	5.936		
11,000.00	7,203.40	10,567.02	7,056.61	182.57	178.99	93.79	965.60	-7,399.07	2,113.67	1,757.37	356.29	5.932		
11,100.00	7,259.61	10,664.50	7,114.83	184.58	180.92	93.91	975.08	-7,476.68	2,135.53	1,775.35	360.17	5.929		
11,200.00	7,315.83	10,761.98	7,173.05	186.60	182.84	94.03	984.56	-7,554.29	2,157.39	1,793.34	364.05	5.926		
11,300.00	7,372.04	10,859.46	7,231.27	188.61	184.77	94.15	994.03	-7,631.90	2,179.27	1,811.34	367.92	5.923		
11,400.00	7,428.25	10,956.95	7,289.49	190.63	186.69	94.26	1,003.51	-7,709.52	2,201.15	1,829.35	371.80	5.920		
11,500.00	7,484.46	11,054.43	7,347.71	192.64	188.61	94.38	1,012.99	-7,787.13	2,223.05	1,847.37	375.67	5.918		
11,600.00	7,540.68	11,151.91	7,405.93	194.65	190.54	94.49	1,022.46	-7,864.74	2,244.95	1,865.40	379.54	5.915		
11,700.00	7,596.89	11,249.40	7,464.15	196.67	192.46	94.59	1,031.94	-7,942.35	2,266.85	1,883.44	383.42	5.912		
11,800.00	7,653.10	11,346.88	7,522.37	198.68	194.39	94.70	1,041.42	-8,019.96	2,288.77	1,901.48	387.29	5.910		
11,900.00	7,708.64	11,444.35	7,580.59	200.71	196.31	93.65	1,050.89	-8,097.56	2,310.54	1,919.38	391.17	5.907		
12,000.00	7,753.02	11,540.72	7,638.14	202.96	198.21	90.96	1,060.26	-8,174.28	2,329.85	1,934.64	395.21	5.895		
12,100.00	7,781.64	11,673.03	7,714.25	205.41	200.90	89.83	1,072.66	-8,281.70	2,345.58	1,944.71	400.86	5.851		
12,200.00	7,793.64	11,944.13	7,792.83	207.95	207.49	90.02	1,085.69	-8,538.19	2,353.04	1,941.22	411.82	5.714		
12,300.00	7,794.00	12,068.13	7,794.00	210.49	210.64	90.00	1,086.07	-8,662.16	2,353.26	1,935.60	417.65	5.634		
12,400.00	7,794.00	12,168.13	7,794.00	213.04	213.18	90.00	1,086.22	-8,762.16	2,353.32	1,930.55	422.78	5.566		
12,500.00	7,794.00	12,268.13	7,794.00	215.58	215.72	90.00	1,086.38	-8,862.16	2,353.39	1,925.48	427.91	5.500		
12,600.00	7,794.00	12,368.13	7,794.00	218.14	218.27	90.00	1,086.54	-8,962.16	2,353.46	1,920.41	433.05	5.435		
12,700.00	7,794.00	12,468.13	7,794.00	220.69	220.82	90.00	1,086.69	-9,062.16	2,353.53	1,915.33	438.19	5.371		
12,800.00	7,794.00	12,568.13	7,794.00	223.25	223.37	90.00	1,086.85	-9,162.16	2,353.59	1,910.25	443.34	5.309		
12,900.00	7,794.00	12,668.13	7,794.00	225.81	225.93	90.00	1,087.00	-9,262.16	2,353.66	1,905.16	448.50	5.248		
13,000.00	7,794.00	12,768.13	7,794.00	228.37	228.49	90.00	1,087.16	-9,362.16	2,353.73	1,900.07	453.66	5.188		
13,100.00	7,794.00	12,868.13	7,794.00	230.94	231.06	90.00	1,087.31	-9,462.16	2,353.79	1,894.97	458.83	5.130		
13,200.00	7,794.00	12,968.13	7,794.00	233.51	233.62	90.00	1,087.47	-9,562.16	2,353.86	1,889.86	464.00	5.073		
13,300.00	7,794.00	13,068.13	7,794.00	236.08	236.19	90.00	1,087.63	-9,662.16	2,353.93	1,884.75	469.18	5.017		
13,400.00	7,794.00	13,168.13	7,794.00	238.66	238.76	90.00	1,087.78	-9,762.16	2,354.00	1,879.64	474.36	4.962		
13,500.00	7,794.00	13,268.13	7,794.00	241.24	241.34	90.00	1,087.94	-9,862.16	2,354.06	1,874.52	479.55	4.909		
13,600.00	7,794.00	13,368.13	7,794.00	243.82	243.92	90.00	1,088.09	-9,962.16	2,354.13	1,869.39	484.74	4.857		
13,700.00	7,794.00	13,468.13	7,794.00	246.40	246.50	90.00	1,088.25	-10,062.16	2,354.20	1,864.26	489.93	4.805		
13,800.00	7,794.00	13,568.13	7,794.00	248.99	249.08	90.00	1,088.40	-10,162.16	2,354.26	1,859.13	495.13	4.755		
13,900.00	7,794.00	13,668.13	7,794.00	251.58	251.66	90.00	1,088.56	-10,262.16	2,354.33	1,853.99	500.34	4.705		
14,000.00	7,794.00	13,768.13	7,794.00	254.17	254.25	90.00	1,088.72	-10,362.16	2,354.40	1,848.85	505.54	4.657		
14,100.00	7,794.00	13,868.13	7,794.00	256.76	256.84	90.00	1,088.87	-10,462.16	2,354.46	1,843.71	510.76	4.610		
14,200.00	7,794.00	13,968.13	7,794.00	259.36	259.43	90.00	1,089.03	-10,562.16	2,354.53	1,838.56	515.97	4.563		
14,300.00	7,794.00	14,068.13	7,794.00	261.95	262.03	90.00	1,089.18	-10,662.16	2,354.60	1,833.41	521.19	4.518		
14,400.00	7,794.00	14,168.13	7,794.00	264.55	264.62	90.00	1,089.34	-10,762.16	2,354.67	1,828.25	526.42	4.473		
14,500.00	7,794.00	14,268.13	7,794.00	267.15	267.22	90.00	1,089.50	-10,862.16	2,354.73	1,823.09	531.64	4.429		
14,600.00	7,794.00	14,368.13	7,794.00	269.76	269.82	90.00	1,089.65	-10,962.16	2,354.80	1,817.93	536.87	4.386		
14,700.00	7,794.00	14,468.13	7,794.00	272.36	272.42	90.00	1,089.81	-11,062.16	2,354.87	1,812.76	542.11	4.344		
14,800.00	7,794.00	14,568.13	7,794.00	274.97	275.03	90.00	1,089.96	-11,162.16	2,354.93	1,807.59	547.34	4.302		
14,900.00	7,794.00	14,668.13	7,794.00	277.58	277.63	90.00	1,090.12	-11,262.16	2,355.00	1,802.42	552.58	4.262		
15,000.00	7,794.00	14,768.13	7,794.00	280.19	280.24	90.00	1,090.27	-11,362.16	2,355.07	1,797.24	557.82	4.222		
15,100.00	7,794.00	14,868.13	7,794.00	282.80	282.85	90.00	1,090.43	-11,462.16	2,355.14	1,792.07	563.07	4.183		
15,200.00	7,794.00	14,968.13	7,794.00	285.41	285.46	90.00	1,090.59	-11,562.16	2,355.20	1,786.89	568.32	4.144		
15,300.00	7,794.00	15,068.13	7,794.00	288.03	288.07	90.00	1,090.74	-11,662.16	2,355.27	1,781.70	573.57	4.106		
15,400.00	7,794.00	15,168.13	7,794.00	290.64	290.68	90.00	1,090.90	-11,762.16	2,355.34	1,776.52	578.82	4.069		
15,500.00	7,794.00	15,268.13	7,794.00	293.26	293.30	90.00	1,091.05	-11,862.16	2,355.40	1,771.33	584.08	4.033		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 1H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,794.00	15,368.13	7,794.00	295.88	295.92	90.00	1,091.21	-11,962.16	2,355.47	1,766.13	589.34	3.997		
15,700.00	7,794.00	15,468.13	7,794.00	298.50	298.54	90.00	1,091.36	-12,062.16	2,355.54	1,760.94	594.60	3.962		
15,800.00	7,794.00	15,568.13	7,794.00	301.12	301.15	90.00	1,091.52	-12,162.16	2,355.61	1,755.74	599.86	3.927		
15,900.00	7,794.00	15,668.13	7,794.00	303.75	303.78	90.00	1,091.68	-12,262.16	2,355.67	1,750.55	605.13	3.893		
16,000.00	7,794.00	15,768.13	7,794.00	306.37	306.40	90.00	1,091.83	-12,362.16	2,355.74	1,745.34	610.39	3.859		
16,100.00	7,794.00	15,868.13	7,794.00	309.00	309.02	90.00	1,091.99	-12,462.16	2,355.81	1,740.14	615.66	3.826		
16,200.00	7,794.00	15,968.13	7,794.00	311.62	311.65	90.00	1,092.14	-12,562.16	2,355.87	1,734.94	620.94	3.794		
16,300.00	7,794.00	16,068.13	7,794.00	314.25	314.27	90.00	1,092.30	-12,662.16	2,355.94	1,729.73	626.21	3.762		
16,400.00	7,794.00	16,168.13	7,794.00	316.88	316.90	90.00	1,092.45	-12,762.16	2,356.01	1,724.52	631.49	3.731		
16,500.00	7,794.00	16,268.13	7,794.00	319.51	319.53	90.00	1,092.61	-12,862.16	2,356.07	1,719.31	636.77	3.700		
16,600.00	7,794.00	16,368.13	7,794.00	322.15	322.16	90.00	1,092.77	-12,962.16	2,356.14	1,714.09	642.05	3.670		
16,700.00	7,794.00	16,468.13	7,794.00	324.78	324.79	90.00	1,092.92	-13,062.16	2,356.21	1,708.88	647.33	3.640		
16,800.00	7,794.00	16,568.13	7,794.00	327.41	327.42	90.00	1,093.08	-13,162.16	2,356.28	1,703.66	652.61	3.611		
16,900.00	7,794.00	16,668.13	7,794.00	330.05	330.05	90.00	1,093.23	-13,262.16	2,356.34	1,698.44	657.90	3.582		
17,000.00	7,794.00	16,768.13	7,794.00	332.68	332.69	90.00	1,093.39	-13,362.16	2,356.41	1,693.22	663.19	3.553		
17,100.00	7,794.00	16,868.13	7,794.00	335.32	335.32	90.00	1,093.55	-13,462.16	2,356.48	1,688.00	668.48	3.525		
17,200.00	7,794.00	16,968.13	7,794.00	337.96	337.96	90.00	1,093.70	-13,562.16	2,356.54	1,682.77	673.77	3.498		
17,300.00	7,794.00	17,068.13	7,794.00	340.60	340.60	90.00	1,093.86	-13,662.16	2,356.61	1,677.55	679.06	3.470		
17,400.00	7,794.00	17,168.13	7,794.00	343.24	343.23	90.00	1,094.01	-13,762.16	2,356.68	1,672.32	684.36	3.444		
17,500.00	7,794.00	17,268.13	7,794.00	345.88	345.87	90.00	1,094.17	-13,862.16	2,356.75	1,667.09	689.65	3.417		
17,600.00	7,794.00	17,368.13	7,794.00	348.52	348.51	90.00	1,094.32	-13,962.16	2,356.81	1,661.86	694.95	3.391		
17,700.00	7,794.00	17,468.13	7,794.00	351.16	351.15	90.00	1,094.48	-14,062.16	2,356.88	1,656.63	700.25	3.366		
17,800.00	7,794.00	17,568.13	7,794.00	353.81	353.79	90.00	1,094.64	-14,162.16	2,356.95	1,651.40	705.55	3.341		
17,900.00	7,794.00	17,668.13	7,794.00	356.45	356.44	90.00	1,094.79	-14,262.16	2,357.01	1,646.16	710.85	3.316		
18,000.00	7,794.00	17,768.13	7,794.00	359.09	359.08	90.00	1,094.95	-14,362.16	2,357.08	1,640.92	716.16	3.291		
18,100.00	7,794.00	17,868.13	7,794.00	361.74	361.72	90.00	1,095.10	-14,462.16	2,357.15	1,635.69	721.46	3.267		
18,200.00	7,794.00	17,968.13	7,794.00	364.39	364.37	90.00	1,095.26	-14,562.16	2,357.22	1,630.45	726.77	3.243		
18,300.00	7,794.00	18,068.13	7,794.00	367.03	367.01	90.00	1,095.41	-14,662.16	2,357.28	1,625.21	732.07	3.220		
18,400.00	7,794.00	18,168.13	7,794.00	369.68	369.66	90.00	1,095.57	-14,762.16	2,357.35	1,619.97	737.38	3.197		
18,500.00	7,794.00	18,268.13	7,794.00	372.33	372.31	90.00	1,095.73	-14,862.16	2,357.42	1,614.72	742.69	3.174		
18,600.00	7,794.00	18,368.13	7,794.00	374.98	374.96	90.00	1,095.88	-14,962.15	2,357.48	1,609.48	748.00	3.152		
18,700.00	7,794.00	18,468.13	7,794.00	377.63	377.60	90.00	1,096.04	-15,062.15	2,357.55	1,604.23	753.32	3.130		
18,800.00	7,794.00	18,568.13	7,794.00	380.28	380.25	90.00	1,096.19	-15,162.15	2,357.62	1,598.99	758.63	3.108		
18,900.00	7,794.00	18,668.13	7,794.00	382.93	382.90	90.00	1,096.35	-15,262.15	2,357.68	1,593.74	763.95	3.086		
19,000.00	7,794.00	18,768.13	7,794.00	385.58	385.55	90.00	1,096.51	-15,362.15	2,357.75	1,588.49	769.26	3.065		
19,100.00	7,794.00	18,868.13	7,794.00	388.24	388.21	90.00	1,096.66	-15,462.15	2,357.82	1,583.24	774.58	3.044		
19,200.00	7,794.00	18,968.13	7,794.00	390.89	390.86	90.00	1,096.82	-15,562.15	2,357.89	1,577.99	779.90	3.023		
19,300.00	7,794.00	19,068.13	7,794.00	393.55	393.51	90.00	1,096.97	-15,662.15	2,357.95	1,572.74	785.22	3.003		
19,400.00	7,794.00	19,168.13	7,794.00	396.20	396.16	90.00	1,097.13	-15,762.15	2,358.02	1,567.48	790.54	2.983		
19,500.00	7,794.00	19,268.13	7,794.00	398.85	398.82	90.00	1,097.28	-15,862.15	2,358.09	1,562.23	795.86	2.963		
19,600.00	7,794.00	19,368.13	7,794.00	401.51	401.47	90.00	1,097.44	-15,962.15	2,358.15	1,556.97	801.18	2.943		
19,700.00	7,794.00	19,468.13	7,794.00	404.17	404.13	90.00	1,097.60	-16,062.15	2,358.22	1,551.72	806.50	2.924		
19,800.00	7,794.00	19,568.13	7,794.00	406.82	406.78	90.00	1,097.75	-16,162.15	2,358.29	1,546.46	811.83	2.905		
19,900.00	7,794.00	19,668.13	7,794.00	409.48	409.44	90.00	1,097.91	-16,262.15	2,358.36	1,541.20	817.15	2.886		
20,000.00	7,794.00	19,768.13	7,794.00	412.14	412.09	90.00	1,098.06	-16,362.15	2,358.42	1,535.94	822.48	2.867		
20,100.00	7,794.00	19,868.13	7,794.00	414.80	414.75	90.00	1,098.22	-16,462.15	2,358.49	1,530.68	827.80	2.849		
20,200.00	7,794.00	19,968.13	7,794.00	417.46	417.41	90.00	1,098.37	-16,562.15	2,358.56	1,525.42	833.13	2.831		
20,300.00	7,794.00	20,068.13	7,794.00	420.12	420.07	90.00	1,098.53	-16,662.15	2,358.62	1,520.16	838.46	2.813		
20,400.00	7,794.00	20,168.13	7,794.00	422.78	422.72	90.00	1,098.69	-16,762.15	2,358.69	1,514.90	843.79	2.795		
20,500.00	7,794.00	20,268.13	7,794.00	425.44	425.38	90.00	1,098.84	-16,862.15	2,358.76	1,509.64	849.12	2.778		
20,600.00	7,794.00	20,368.13	7,794.00	428.10	428.04	90.00	1,099.00	-16,962.15	2,358.83	1,504.37	854.45	2.761		
20,700.00	7,794.00	20,468.13	7,794.00	430.76	430.70	90.00	1,099.15	-17,062.15	2,358.89	1,499.11	859.78	2.744		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 1H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,794.00	20,568.13	7,794.00	433.42	433.36	90.00	1,099.31	-17,162.15	2,358.96	1,493.84	865.12	2.727		
20,900.00	7,794.00	20,668.13	7,794.00	436.08	436.02	90.00	1,099.47	-17,262.15	2,359.03	1,488.58	870.45	2.710		
21,000.00	7,794.00	20,768.13	7,794.00	438.74	438.69	90.00	1,099.62	-17,362.15	2,359.09	1,483.31	875.79	2.694		
21,100.00	7,794.00	20,868.13	7,794.00	441.41	441.35	90.00	1,099.78	-17,462.15	2,359.16	1,478.04	881.12	2.677		
21,200.00	7,794.00	20,968.13	7,794.00	444.07	444.01	90.00	1,099.93	-17,562.15	2,359.23	1,472.77	886.46	2.661		
21,300.00	7,794.00	21,068.13	7,794.00	446.74	446.67	90.00	1,100.09	-17,662.15	2,359.29	1,467.50	891.79	2.646		
21,400.00	7,794.00	21,168.13	7,794.00	449.40	449.34	90.00	1,100.24	-17,762.15	2,359.36	1,462.23	897.13	2.630		
21,500.00	7,794.00	21,268.13	7,794.00	452.06	452.00	90.00	1,100.40	-17,862.15	2,359.43	1,456.96	902.47	2.614		
21,600.00	7,794.00	21,368.13	7,794.00	454.73	454.66	90.00	1,100.56	-17,962.15	2,359.50	1,451.69	907.81	2.599		
21,700.00	7,794.00	21,468.13	7,794.00	457.39	457.33	90.00	1,100.71	-18,062.15	2,359.56	1,446.42	913.15	2.584		
21,800.00	7,794.00	21,568.13	7,794.00	460.06	459.99	90.00	1,100.87	-18,162.15	2,359.63	1,441.14	918.49	2.569		
21,900.00	7,794.00	21,668.13	7,794.00	462.73	462.66	90.00	1,101.02	-18,262.15	2,359.70	1,435.87	923.83	2.554		
22,000.00	7,794.00	21,768.13	7,794.00	465.39	465.32	90.00	1,101.18	-18,362.15	2,359.76	1,430.60	929.17	2.540		
22,100.00	7,794.00	21,868.13	7,794.00	468.06	467.99	90.00	1,101.33	-18,462.15	2,359.83	1,425.32	934.51	2.525		
22,200.00	7,794.00	21,968.13	7,794.00	470.73	470.66	90.00	1,101.49	-18,562.15	2,359.90	1,420.05	939.85	2.511		
22,300.00	7,794.00	22,068.13	7,794.00	473.40	473.32	90.00	1,101.65	-18,662.15	2,359.97	1,414.77	945.20	2.497		
22,400.00	7,794.00	22,168.13	7,794.00	476.06	475.99	90.00	1,101.80	-18,762.15	2,360.03	1,409.49	950.54	2.483		
22,500.00	7,794.00	22,268.13	7,794.00	478.73	478.66	90.00	1,101.96	-18,862.15	2,360.10	1,404.22	955.88	2.469		
22,600.00	7,794.00	22,368.13	7,794.00	481.40	481.32	90.00	1,102.11	-18,962.15	2,360.17	1,398.94	961.23	2.455		
22,700.00	7,794.00	22,468.13	7,794.00	484.07	483.99	90.00	1,102.27	-19,062.15	2,360.23	1,393.66	966.57	2.442		
22,800.00	7,794.00	22,568.13	7,794.00	486.74	486.66	90.00	1,102.42	-19,162.15	2,360.30	1,388.38	971.92	2.428		
22,900.00	7,794.00	22,668.13	7,794.00	489.41	489.33	90.00	1,102.58	-19,262.15	2,360.37	1,383.10	977.27	2.415		
23,000.00	7,794.00	22,768.13	7,794.00	492.08	492.00	90.00	1,102.74	-19,362.15	2,360.44	1,377.82	982.61	2.402		
23,100.00	7,794.00	22,868.13	7,794.00	494.75	494.67	90.00	1,102.89	-19,462.15	2,360.50	1,372.54	987.96	2.389		
23,200.00	7,794.00	22,968.13	7,794.00	497.42	497.34	90.00	1,103.05	-19,562.15	2,360.57	1,367.26	993.31	2.376		
23,300.00	7,794.00	23,068.13	7,794.00	500.09	500.01	90.00	1,103.20	-19,662.15	2,360.64	1,361.98	998.66	2.364		
23,400.00	7,794.00	23,168.13	7,794.00	502.76	502.68	90.00	1,103.36	-19,762.15	2,360.70	1,356.70	1,004.01	2.351		
23,500.00	7,794.00	23,268.13	7,794.00	505.43	505.35	90.00	1,103.52	-19,862.15	2,360.77	1,351.41	1,009.36	2.339		
23,600.00	7,794.00	23,368.13	7,794.00	508.10	508.02	90.00	1,103.67	-19,962.15	2,360.84	1,346.13	1,014.71	2.327		
23,700.00	7,794.00	23,468.13	7,794.00	510.78	510.69	90.00	1,103.83	-20,062.15	2,360.91	1,340.85	1,020.06	2.314		
23,800.00	7,794.00	23,568.13	7,794.00	513.45	513.36	90.00	1,103.98	-20,162.15	2,360.97	1,335.56	1,025.41	2.302		
23,900.00	7,794.00	23,668.13	7,794.00	516.12	516.03	90.00	1,104.14	-20,262.15	2,361.04	1,330.28	1,030.76	2.291		
24,000.00	7,794.00	23,768.13	7,794.00	518.79	518.71	90.00	1,104.29	-20,362.15	2,361.11	1,324.99	1,036.11	2.279		
24,100.00	7,794.00	23,868.13	7,794.00	521.47	521.38	90.00	1,104.45	-20,462.15	2,361.17	1,319.71	1,041.46	2.267		
24,200.00	7,794.00	23,968.13	7,794.00	524.14	524.05	90.00	1,104.61	-20,562.15	2,361.24	1,314.42	1,046.82	2.256		
24,300.00	7,794.00	24,068.13	7,794.00	526.81	526.72	90.00	1,104.76	-20,662.15	2,361.31	1,309.14	1,052.17	2.244		
24,400.00	7,794.00	24,168.13	7,794.00	529.49	529.40	90.00	1,104.92	-20,762.15	2,361.37	1,303.85	1,057.52	2.233		
24,500.00	7,794.00	24,268.13	7,794.00	532.16	532.07	90.00	1,105.07	-20,862.15	2,361.44	1,298.56	1,062.88	2.222		
24,600.00	7,794.00	24,368.13	7,794.00	534.84	534.74	90.00	1,105.23	-20,962.15	2,361.51	1,293.28	1,068.23	2.211		
24,700.00	7,794.00	24,468.13	7,794.00	537.51	537.42	90.00	1,105.38	-21,062.15	2,361.58	1,287.99	1,073.59	2.200		
24,800.00	7,794.00	24,568.13	7,794.00	540.19	540.09	90.00	1,105.54	-21,162.15	2,361.64	1,282.70	1,078.94	2.189		
24,900.00	7,794.00	24,668.13	7,794.00	542.86	542.76	90.00	1,105.70	-21,262.15	2,361.71	1,277.41	1,084.30	2.178		
25,000.00	7,794.00	24,768.13	7,794.00	545.54	545.44	90.00	1,105.85	-21,362.15	2,361.78	1,272.12	1,089.66	2.167		
25,100.00	7,794.00	24,868.13	7,794.00	548.21	548.11	90.00	1,106.01	-21,462.15	2,361.84	1,266.83	1,095.01	2.157		
25,200.00	7,794.00	24,968.13	7,794.00	550.89	550.79	90.00	1,106.16	-21,562.15	2,361.91	1,261.54	1,100.37	2.146		
25,300.00	7,794.00	25,068.13	7,794.00	553.56	553.46	90.00	1,106.32	-21,662.15	2,361.98	1,256.25	1,105.73	2.136		
25,400.00	7,794.00	25,168.13	7,794.00	556.24	556.14	90.00	1,106.48	-21,762.15	2,362.05	1,250.96	1,111.08	2.126		
25,500.00	7,794.00	25,268.13	7,794.00	558.92	558.81	90.00	1,106.63	-21,862.15	2,362.11	1,245.67	1,116.44	2.116		
25,600.00	7,794.00	25,368.13	7,794.00	561.59	561.49	90.00	1,106.79	-21,962.14	2,362.18	1,240.38	1,121.80	2.106		
25,700.00	7,794.00	25,468.13	7,794.00	564.27	564.17	90.00	1,106.94	-22,062.14	2,362.25	1,235.09	1,127.16	2.096		
25,800.00	7,794.00	25,568.13	7,794.00	566.95	566.84	90.00	1,107.10	-22,162.14	2,362.31	1,229.79	1,132.52	2.086		
25,900.00	7,794.00	25,668.13	7,794.00	569.62	569.52	90.00	1,107.25	-22,262.14	2,362.38	1,224.50	1,137.88	2.076		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 1H - 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		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)					
26,000.00	7,794.00	25,768.13	7,794.00	572.30	572.20	90.00	1,107.41	-22,362.14	2,362.45	1,219.21	1,143.24	2.066	
26,100.00	7,794.00	25,868.13	7,794.00	574.98	574.87	90.00	1,107.57	-22,462.14	2,362.52	1,213.92	1,148.60	2.057	
26,200.00	7,794.00	25,968.13	7,794.00	577.66	577.55	90.00	1,107.72	-22,562.14	2,362.58	1,208.62	1,153.96	2.047	
26,300.00	7,794.00	26,068.13	7,794.00	580.33	580.23	90.00	1,107.88	-22,662.14	2,362.65	1,203.33	1,159.32	2.038	
26,400.00	7,794.00	26,168.13	7,794.00	583.01	582.90	90.00	1,108.03	-22,762.14	2,362.72	1,198.03	1,164.68	2.029	
26,500.00	7,794.00	26,268.13	7,794.00	585.69	585.58	90.00	1,108.19	-22,862.14	2,362.78	1,192.74	1,170.04	2.019	
26,600.00	7,794.00	26,368.13	7,794.00	588.37	588.26	90.00	1,108.34	-22,962.14	2,362.85	1,187.45	1,175.41	2.010	
26,700.00	7,794.00	26,468.13	7,794.00	591.05	590.94	90.00	1,108.50	-23,062.14	2,362.92	1,182.15	1,180.77	2.001	
26,800.00	7,794.00	26,568.13	7,794.00	593.73	593.61	90.00	1,108.66	-23,162.14	2,362.98	1,176.85	1,186.13	1.992	
26,900.00	7,794.00	26,669.63	7,794.00	596.40	596.33	90.00	1,108.79	-23,263.65	2,363.03	1,171.49	1,191.54	1.983	
26,911.07	7,794.00	26,680.70	7,794.00	596.70	596.63	90.00	1,108.80	-23,274.71	2,363.03	1,170.90	1,192.13	1.982	
26,932.55	7,794.00	26,681.63	7,794.00	597.28	596.65	90.00	1,108.80	-23,275.64	2,363.12	1,170.49	1,192.63	1.981 SF	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 2H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-32.78	50.64	-32.61	60.23					
100.00	100.00	100.00	100.00	0.27	0.27	-32.78	50.64	-32.61	60.23	59.69	0.54	112.012		
200.00	200.00	200.00	200.00	0.63	0.63	-32.78	50.64	-32.61	60.23	58.98	1.25	48.005 CC, ES		
300.00	300.00	298.74	298.73	0.99	0.98	-34.07	50.73	-34.31	61.26	59.29	1.96	31.219		
400.00	400.00	397.26	397.10	1.34	1.33	-37.68	51.00	-39.39	64.51	61.83	2.67	24.148		
500.00	500.00	495.30	494.78	1.70	1.69	-42.89	51.45	-47.79	70.42	67.03	3.39	20.794		
600.00	599.98	592.87	591.64	2.05	2.07	50.61	52.07	-59.47	78.37	74.28	4.09	19.149		
700.00	699.84	690.09	687.70	2.40	2.47	46.86	52.87	-74.37	87.21	82.42	4.80	18.187		
800.00	799.45	786.96	782.87	2.76	2.90	44.14	53.84	-92.45	96.69	91.18	5.51	17.554		
900.00	898.70	883.49	877.03	3.13	3.36	42.22	54.97	-113.64	106.65	100.42	6.23	17.106		
1,000.00	997.47	979.68	970.09	3.53	3.86	40.91	56.27	-137.91	117.00	110.01	6.98	16.758		
1,100.00	1,095.62	1,075.52	1,061.96	3.95	4.40	40.08	57.72	-165.17	127.65	119.91	7.74	16.485		
1,200.00	1,193.06	1,171.03	1,152.54	4.41	4.99	39.61	59.34	-195.37	138.57	130.03	8.54	16.220		
1,300.00	1,289.64	1,266.19	1,241.75	4.91	5.62	39.43	61.11	-228.45	149.73	140.35	9.38	15.964		
1,400.00	1,385.27	1,361.02	1,329.50	5.45	6.31	39.47	63.03	-264.34	161.10	150.84	10.26	15.702		
1,500.00	1,479.82	1,455.51	1,415.71	6.04	7.05	39.69	65.09	-302.97	172.69	161.50	11.20	15.423		
1,600.00	1,573.17	1,549.68	1,500.30	6.69	7.85	40.06	67.30	-344.26	184.48	172.29	12.20	15.123		
1,700.00	1,665.21	1,643.52	1,583.21	7.39	8.70	40.53	69.64	-388.16	196.48	183.20	13.28	14.800		
1,800.00	1,755.84	1,737.04	1,664.35	8.16	9.62	41.09	72.13	-434.58	208.68	194.24	14.44	14.453		
1,900.00	1,844.94	1,830.25	1,743.68	9.00	10.59	41.73	74.74	-483.44	221.08	205.38	15.70	14.084		
2,000.00	1,932.39	1,923.15	1,821.11	9.91	11.63	42.41	77.48	-534.69	233.68	216.62	17.06	13.696		
2,100.00	2,018.11	2,015.75	1,896.60	10.89	12.73	43.14	80.34	-588.24	246.50	227.95	18.54	13.293		
2,200.00	2,101.97	2,108.06	1,970.08	11.94	13.89	43.91	83.32	-644.01	259.52	239.37	20.15	12.879		
2,300.00	2,183.88	2,200.00	2,041.45	13.08	15.12	44.69	86.42	-701.89	272.75	250.86	21.89	12.462		
2,400.00	2,263.74	2,291.81	2,110.83	14.28	16.41	45.50	89.63	-761.94	286.19	262.42	23.77	12.040		
2,500.00	2,341.45	2,383.28	2,177.99	15.57	17.76	46.31	92.94	-823.93	299.84	274.04	25.80	11.623		
2,600.00	2,416.92	2,474.49	2,242.95	16.93	19.18	47.13	96.36	-887.86	313.70	285.73	27.98	11.213		
2,700.00	2,490.05	2,565.44	2,305.67	18.37	20.66	47.95	99.87	-953.62	327.77	297.47	30.31	10.815		
2,800.00	2,560.76	2,656.15	2,366.11	19.88	22.19	48.77	103.48	-1,021.17	342.05	309.26	32.80	10.430		
2,900.00	2,628.95	2,746.63	2,424.24	21.48	23.78	49.59	107.18	-1,090.40	356.54	321.09	35.44	10.060		
3,000.00	2,694.55	2,836.89	2,480.01	23.15	25.43	50.40	110.97	-1,161.26	371.22	332.97	38.25	9.706		
3,100.00	2,757.48	2,930.87	2,535.96	24.89	27.19	51.28	115.00	-1,236.66	385.87	344.53	41.34	9.333		
3,200.00	2,817.66	3,029.53	2,594.34	26.70	29.07	52.50	119.25	-1,316.09	398.89	354.01	44.87	8.889		
3,300.00	2,875.03	3,128.15	2,652.69	28.58	30.96	54.06	123.49	-1,395.47	410.11	361.41	48.70	8.421		
3,400.00	2,931.24	3,226.71	2,711.02	30.50	32.86	55.85	127.73	-1,474.81	420.89	368.20	52.70	7.987		
3,500.00	2,987.46	3,325.28	2,769.34	32.43	34.76	57.55	131.98	-1,554.15	432.07	375.32	56.75	7.613		
3,600.00	3,043.67	3,423.84	2,827.67	34.37	36.67	59.16	136.22	-1,633.49	443.61	382.76	60.86	7.290		
3,700.00	3,099.88	3,522.40	2,885.99	36.32	38.58	60.69	140.46	-1,712.84	455.49	390.49	64.99	7.008		
3,800.00	3,156.09	3,620.97	2,944.32	38.27	40.50	62.14	144.70	-1,792.18	467.67	398.51	69.16	6.762		
3,900.00	3,212.31	3,719.53	3,002.64	40.23	42.42	63.52	148.94	-1,871.52	480.13	406.79	73.35	6.546		
4,000.00	3,268.52	3,818.10	3,060.97	42.20	44.34	64.83	153.18	-1,950.86	492.86	415.32	77.55	6.356		
4,100.00	3,324.73	3,916.66	3,119.29	44.17	46.27	66.07	157.42	-2,030.20	505.84	424.08	81.76	6.187		
4,200.00	3,380.94	4,015.23	3,177.62	46.15	48.20	67.25	161.67	-2,109.55	519.03	433.06	85.97	6.037		
4,300.00	3,437.16	4,113.79	3,235.94	48.12	50.13	68.38	165.91	-2,188.89	532.44	442.25	90.19	5.904		
4,400.00	3,493.37	4,212.35	3,294.27	50.11	52.06	69.44	170.15	-2,268.23	546.04	451.63	94.40	5.784		
4,500.00	3,549.58	4,310.92	3,352.59	52.09	53.99	70.46	174.39	-2,347.57	559.82	461.20	98.62	5.677		
4,600.00	3,605.79	4,409.48	3,410.92	54.08	55.93	71.43	178.63	-2,426.91	573.76	470.93	102.83	5.580		
4,700.00	3,662.01	4,508.05	3,469.24	56.07	57.87	72.35	182.87	-2,506.26	587.86	480.82	107.03	5.492		
4,800.00	3,718.22	4,606.61	3,527.57	58.06	59.81	73.23	187.11	-2,585.60	602.10	490.87	111.23	5.413		
4,900.00	3,774.43	4,705.18	3,585.89	60.05	61.75	74.07	191.35	-2,664.94	616.48	501.05	115.42	5.341		
5,000.00	3,830.65	4,803.74	3,644.22	62.04	63.69	74.87	195.60	-2,744.28	630.97	511.37	119.61	5.275		
5,100.00	3,886.86	4,902.30	3,702.54	64.04	65.63	75.63	199.84	-2,823.62	645.59	521.81	123.78	5.215		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 2H - 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	3,943.07	5,000.87	3,760.87	66.03	67.57	76.36	204.08	-2,902.97	660.31	532.36	127.95	5.161		
5,300.00	3,999.28	5,099.43	3,819.19	68.03	69.51	77.06	208.32	-2,982.31	675.14	543.03	132.11	5.110		
5,400.00	4,055.50	5,198.00	3,877.52	70.03	71.46	77.73	212.56	-3,061.65	690.06	553.79	136.26	5.064		
5,500.00	4,111.71	5,296.56	3,935.84	72.03	73.40	78.37	216.80	-3,140.99	705.07	564.66	140.41	5.022		
5,600.00	4,167.92	5,395.13	3,994.16	74.03	75.35	78.98	221.04	-3,220.33	720.16	575.62	144.54	4.982		
5,700.00	4,224.13	5,493.69	4,052.49	76.03	77.29	79.57	225.29	-3,299.68	735.33	586.66	148.67	4.946		
5,800.00	4,280.35	5,592.25	4,110.81	78.03	79.24	80.14	229.53	-3,379.02	750.57	597.78	152.79	4.913		
5,900.00	4,336.56	5,690.82	4,169.14	80.04	81.19	80.68	233.77	-3,458.36	765.88	608.98	156.90	4.881		
6,000.00	4,392.77	5,789.38	4,227.46	82.04	83.13	81.20	238.01	-3,537.70	781.26	620.26	161.00	4.853		
6,100.00	4,448.98	5,887.95	4,285.79	84.04	85.08	81.70	242.25	-3,617.04	796.69	631.60	165.09	4.826		
6,200.00	4,505.20	5,986.51	4,344.11	86.05	87.03	82.19	246.49	-3,696.38	812.19	643.01	169.18	4.801		
6,300.00	4,561.41	6,085.07	4,402.44	88.05	88.98	82.65	250.73	-3,775.73	827.74	654.47	173.26	4.777		
6,400.00	4,617.62	6,183.64	4,460.76	90.06	90.93	83.10	254.98	-3,855.07	843.34	666.00	177.34	4.756		
6,500.00	4,673.83	6,282.20	4,519.09	92.07	92.88	83.53	259.22	-3,934.41	858.99	677.58	181.40	4.735		
6,600.00	4,730.05	6,380.77	4,577.41	94.07	94.82	83.95	263.46	-4,013.75	874.68	689.22	185.47	4.716		
6,700.00	4,786.26	6,479.33	4,635.74	96.08	96.77	84.35	267.70	-4,093.09	890.42	700.90	189.52	4.698		
6,800.00	4,842.47	6,577.90	4,694.06	98.09	98.72	84.73	271.94	-4,172.44	906.20	712.63	193.57	4.682		
6,900.00	4,898.68	6,676.46	4,752.39	100.09	100.67	85.11	276.18	-4,251.78	922.02	724.41	197.61	4.666		
7,000.00	4,954.90	6,775.02	4,810.71	102.10	102.62	85.47	280.42	-4,331.12	937.88	736.22	201.65	4.651		
7,100.00	5,011.11	6,873.59	4,869.04	104.11	104.58	85.82	284.67	-4,410.46	953.77	748.08	205.68	4.637		
7,200.00	5,067.32	6,972.15	4,927.36	106.12	106.53	86.16	288.91	-4,489.80	969.69	759.98	209.71	4.624		
7,300.00	5,123.53	7,070.72	4,985.69	108.13	108.48	86.48	293.15	-4,569.15	985.65	771.92	213.73	4.612		
7,400.00	5,179.75	7,169.28	5,044.01	110.14	110.43	86.80	297.39	-4,648.49	1,001.64	783.88	217.75	4.600		
7,500.00	5,235.96	7,267.85	5,102.34	112.15	112.38	87.11	301.63	-4,727.83	1,017.65	795.89	221.76	4.589		
7,600.00	5,292.17	7,366.41	5,160.66	114.16	114.33	87.40	305.87	-4,807.17	1,033.70	807.92	225.77	4.578		
7,700.00	5,348.38	7,464.97	5,218.99	116.17	116.28	87.69	310.11	-4,886.51	1,049.77	819.99	229.78	4.569		
7,800.00	5,404.60	7,563.54	5,277.31	118.18	118.23	87.97	314.36	-4,965.86	1,065.86	832.08	233.78	4.559		
7,900.00	5,460.81	7,662.10	5,335.64	120.19	120.19	88.24	318.60	-5,045.20	1,081.98	844.21	237.77	4.550		
8,000.00	5,517.02	7,760.67	5,393.96	122.20	122.14	88.51	322.84	-5,124.54	1,098.12	856.36	241.77	4.542		
8,100.00	5,573.24	7,859.23	5,452.29	124.21	124.09	88.76	327.08	-5,203.88	1,114.29	868.53	245.75	4.534		
8,200.00	5,629.45	7,957.80	5,510.61	126.22	126.04	89.01	331.32	-5,283.22	1,130.47	880.73	249.74	4.527		
8,300.00	5,685.66	8,056.36	5,568.94	128.23	127.99	89.25	335.56	-5,362.57	1,146.68	892.96	253.72	4.519		
8,400.00	5,741.87	8,154.92	5,627.26	130.24	129.95	89.49	339.80	-5,441.91	1,162.90	905.21	257.70	4.513		
8,500.00	5,798.09	8,253.49	5,685.59	132.25	131.90	89.72	344.05	-5,521.25	1,179.15	917.47	261.67	4.506		
8,600.00	5,854.30	8,352.05	5,743.91	134.26	133.85	89.94	348.29	-5,600.59	1,195.41	929.76	265.65	4.500		
8,700.00	5,910.51	8,450.62	5,802.23	136.28	135.81	90.15	352.53	-5,679.93	1,211.69	942.07	269.61	4.494		
8,800.00	5,966.72	8,549.18	5,860.56	138.29	137.76	90.36	356.77	-5,759.27	1,227.98	954.40	273.58	4.489		
8,900.00	6,022.94	8,647.75	5,918.88	140.30	139.71	90.57	361.01	-5,838.62	1,244.29	966.75	277.54	4.483		
9,000.00	6,079.15	8,746.31	5,977.21	142.31	141.66	90.77	365.25	-5,917.96	1,260.62	979.11	281.51	4.478		
9,100.00	6,135.36	8,844.87	6,035.53	144.32	143.62	90.96	369.49	-5,997.30	1,276.96	991.49	285.46	4.473		
9,200.00	6,191.57	8,943.44	6,093.86	146.34	145.57	91.15	373.73	-6,076.64	1,293.31	1,003.89	289.42	4.469		
9,300.00	6,247.79	9,042.00	6,152.18	148.35	147.52	91.34	377.98	-6,155.98	1,309.68	1,016.31	293.37	4.464		
9,400.00	6,304.00	9,140.57	6,210.51	150.36	149.48	91.52	382.22	-6,235.33	1,326.06	1,028.74	297.32	4.460		
9,500.00	6,360.21	9,239.13	6,268.83	152.37	151.43	91.69	386.46	-6,314.67	1,342.45	1,041.18	301.27	4.456		
9,600.00	6,416.42	9,337.70	6,327.16	154.39	153.38	91.87	390.70	-6,394.01	1,358.86	1,053.64	305.22	4.452		
9,700.00	6,472.64	9,436.26	6,385.48	156.40	155.34	92.03	394.94	-6,473.35	1,375.27	1,066.11	309.16	4.448		
9,800.00	6,528.85	9,534.82	6,443.81	158.41	157.29	92.20	399.18	-6,552.69	1,391.70	1,078.60	313.10	4.445		
9,900.00	6,585.06	9,633.39	6,502.13	160.42	159.25	92.36	403.42	-6,632.04	1,408.14	1,091.10	317.04	4.441		
10,000.00	6,641.27	9,731.95	6,560.46	162.44	161.20	92.51	407.67	-6,711.38	1,424.59	1,103.61	320.98	4.438		
10,100.00	6,697.49	9,830.52	6,618.78	164.45	163.15	92.67	411.91	-6,790.72	1,441.05	1,116.13	324.92	4.435		
10,200.00	6,753.70	9,929.08	6,677.11	166.46	165.11	92.81	416.15	-6,870.06	1,457.52	1,128.66	328.85	4.432		
10,300.00	6,809.91	10,027.65	6,735.43	168.48	167.06	92.96	420.39	-6,949.40	1,474.00	1,141.21	332.79	4.429		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 2H - 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	6,866.12	10,126.21	6,793.76	170.49	169.02	93.10	424.63	-7,028.75	1,490.48	1,153.77	336.72	4.427		
10,500.00	6,922.34	10,224.77	6,852.08	172.50	170.97	93.24	428.87	-7,108.09	1,506.98	1,166.33	340.65	4.424		
10,600.00	6,978.55	10,323.34	6,910.41	174.52	172.92	93.38	433.11	-7,187.43	1,523.48	1,178.91	344.58	4.421		
10,700.00	7,034.76	10,421.90	6,968.73	176.53	174.88	93.51	437.36	-7,266.77	1,540.00	1,191.49	348.50	4.419		
10,800.00	7,090.98	10,520.47	7,027.06	178.54	176.83	93.64	441.60	-7,346.11	1,556.52	1,204.09	352.43	4.417		
10,900.00	7,147.19	10,619.03	7,085.38	180.56	178.79	93.77	445.84	-7,425.46	1,573.05	1,216.70	356.35	4.414		
11,000.00	7,203.40	10,717.60	7,143.71	182.57	180.74	93.90	450.08	-7,504.80	1,589.58	1,229.31	360.27	4.412		
11,100.00	7,259.61	10,816.16	7,202.03	184.58	182.69	94.02	454.32	-7,584.14	1,606.13	1,241.93	364.19	4.410		
11,200.00	7,315.83	10,914.72	7,260.36	186.60	184.65	94.14	458.56	-7,663.48	1,622.68	1,254.56	368.11	4.408		
11,300.00	7,372.04	11,013.29	7,318.68	188.61	186.60	94.26	462.80	-7,742.82	1,639.23	1,267.20	372.03	4.406		
11,400.00	7,428.25	11,111.85	7,377.01	190.63	188.56	94.37	467.05	-7,822.16	1,655.80	1,279.85	375.95	4.404		
11,500.00	7,484.46	11,210.42	7,435.33	192.64	190.51	94.49	471.29	-7,901.51	1,672.37	1,292.50	379.86	4.403		
11,600.00	7,540.68	11,308.98	7,493.66	194.65	192.47	94.60	475.53	-7,980.85	1,688.94	1,305.17	383.78	4.401		
11,700.00	7,596.89	11,407.55	7,551.98	196.67	194.42	94.70	479.77	-8,060.19	1,705.53	1,317.83	387.69	4.399		
11,800.00	7,653.10	11,506.11	7,610.30	198.68	196.38	94.81	484.01	-8,139.53	1,722.11	1,330.51	391.60	4.398		
11,900.00	7,708.64	11,604.66	7,668.62	200.71	198.33	93.94	488.25	-8,218.86	1,738.56	1,343.04	395.52	4.396		
12,000.00	7,753.02	11,720.95	7,731.18	202.96	200.78	91.81	492.82	-8,316.59	1,752.21	1,351.77	400.45	4.376		
12,100.00	7,781.64	11,846.26	7,775.58	205.41	203.78	90.56	496.13	-8,433.45	1,761.09	1,354.80	406.29	4.335		
12,200.00	7,793.64	11,973.72	7,793.71	207.95	207.03	90.02	497.59	-8,559.35	1,764.79	1,352.32	412.47	4.279		
12,300.00	7,794.00	12,077.72	7,794.00	210.49	209.69	90.00	497.76	-8,663.34	1,764.94	1,347.20	417.75	4.225		
12,400.00	7,794.00	12,177.72	7,794.00	213.04	212.25	90.00	497.90	-8,763.34	1,765.00	1,342.12	422.88	4.174		
12,500.00	7,794.00	12,277.72	7,794.00	215.58	214.81	90.00	498.04	-8,863.34	1,765.05	1,337.03	428.02	4.124		
12,600.00	7,794.00	12,377.72	7,794.00	218.14	217.37	90.00	498.18	-8,963.34	1,765.10	1,331.94	433.16	4.075		
12,700.00	7,794.00	12,477.72	7,794.00	220.69	219.94	90.00	498.32	-9,063.34	1,765.15	1,326.84	438.31	4.027		
12,800.00	7,794.00	12,577.72	7,794.00	223.25	222.51	90.00	498.46	-9,163.34	1,765.20	1,321.74	443.47	3.980		
12,900.00	7,794.00	12,677.72	7,794.00	225.81	225.09	90.00	498.60	-9,263.34	1,765.26	1,316.63	448.63	3.935		
13,000.00	7,794.00	12,777.72	7,794.00	228.37	227.66	90.00	498.74	-9,363.34	1,765.31	1,311.52	453.79	3.890		
13,100.00	7,794.00	12,877.72	7,794.00	230.94	230.24	90.00	498.88	-9,463.34	1,765.36	1,306.40	458.97	3.846		
13,200.00	7,794.00	12,977.72	7,794.00	233.51	232.82	90.00	499.02	-9,563.34	1,765.41	1,301.27	464.14	3.804		
13,300.00	7,794.00	13,077.72	7,794.00	236.08	235.41	90.00	499.16	-9,663.34	1,765.47	1,296.14	469.33	3.762		
13,400.00	7,794.00	13,177.72	7,794.00	238.66	238.00	90.00	499.30	-9,763.34	1,765.52	1,291.01	474.51	3.721		
13,500.00	7,794.00	13,277.72	7,794.00	241.24	240.59	90.00	499.45	-9,863.34	1,765.57	1,285.87	479.70	3.681		
13,600.00	7,794.00	13,377.72	7,794.00	243.82	243.18	90.00	499.59	-9,963.34	1,765.62	1,280.72	484.90	3.641		
13,700.00	7,794.00	13,477.72	7,794.00	246.40	245.77	90.00	499.73	-10,063.34	1,765.67	1,275.57	490.10	3.603		
13,800.00	7,794.00	13,577.72	7,794.00	248.99	248.37	90.00	499.87	-10,163.34	1,765.73	1,270.42	495.30	3.565		
13,900.00	7,794.00	13,677.72	7,794.00	251.58	250.97	90.00	500.01	-10,263.34	1,765.78	1,265.27	500.51	3.528		
14,000.00	7,794.00	13,777.72	7,794.00	254.17	253.57	90.00	500.15	-10,363.34	1,765.83	1,260.10	505.73	3.492		
14,100.00	7,794.00	13,877.72	7,794.00	256.76	256.17	90.00	500.29	-10,463.34	1,765.88	1,254.94	510.94	3.456		
14,200.00	7,794.00	13,977.72	7,794.00	259.36	258.77	90.00	500.43	-10,563.34	1,765.93	1,249.77	516.16	3.421		
14,300.00	7,794.00	14,077.72	7,794.00	261.95	261.38	90.00	500.57	-10,663.34	1,765.99	1,244.60	521.39	3.387		
14,400.00	7,794.00	14,177.72	7,794.00	264.55	263.99	90.00	500.71	-10,763.34	1,766.04	1,239.43	526.61	3.354		
14,500.00	7,794.00	14,277.72	7,794.00	267.15	266.60	90.00	500.85	-10,863.34	1,766.09	1,234.25	531.84	3.321		
14,600.00	7,794.00	14,377.72	7,794.00	269.76	269.21	90.00	501.00	-10,963.34	1,766.14	1,229.07	537.08	3.288		
14,700.00	7,794.00	14,477.72	7,794.00	272.36	271.82	90.00	501.14	-11,063.34	1,766.20	1,223.88	542.31	3.257		
14,800.00	7,794.00	14,577.72	7,794.00	274.97	274.44	90.00	501.28	-11,163.34	1,766.25	1,218.69	547.55	3.226		
14,900.00	7,794.00	14,677.72	7,794.00	277.58	277.05	90.00	501.42	-11,263.34	1,766.30	1,213.50	552.80	3.195		
15,000.00	7,794.00	14,777.72	7,794.00	280.19	279.67	90.00	501.56	-11,363.34	1,766.35	1,208.31	558.04	3.165		
15,100.00	7,794.00	14,877.72	7,794.00	282.80	282.29	90.00	501.70	-11,463.34	1,766.40	1,203.11	563.29	3.136		
15,200.00	7,794.00	14,977.72	7,794.00	285.41	284.91	90.00	501.84	-11,563.34	1,766.46	1,197.91	568.54	3.107		
15,300.00	7,794.00	15,077.72	7,794.00	288.03	287.54	90.00	501.98	-11,663.34	1,766.51	1,192.71	573.80	3.079		
15,400.00	7,794.00	15,177.72	7,794.00	290.64	290.16	90.00	502.12	-11,763.34	1,766.56	1,187.51	579.05	3.051		
15,500.00	7,794.00	15,277.72	7,794.00	293.26	292.79	90.00	502.26	-11,863.34	1,766.61	1,182.30	584.31	3.023		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 2H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,794.00	15,377.72	7,794.00	295.88	295.41	90.00	502.40	-11,963.34	1,766.67	1,177.09	589.57	2.997		
15,700.00	7,794.00	15,477.72	7,794.00	298.50	298.04	90.00	502.54	-12,063.34	1,766.72	1,171.88	594.84	2.970		
15,800.00	7,794.00	15,577.72	7,794.00	301.12	300.67	90.00	502.69	-12,163.34	1,766.77	1,166.66	600.11	2.944		
15,900.00	7,794.00	15,677.72	7,794.00	303.75	303.30	90.00	502.83	-12,263.34	1,766.82	1,161.45	605.37	2.919		
16,000.00	7,794.00	15,777.72	7,794.00	306.37	305.93	90.00	502.97	-12,363.34	1,766.87	1,156.23	610.64	2.893		
16,100.00	7,794.00	15,877.72	7,794.00	309.00	308.56	90.00	503.11	-12,463.34	1,766.93	1,151.01	615.92	2.869		
16,200.00	7,794.00	15,977.72	7,794.00	311.62	311.20	90.00	503.25	-12,563.34	1,766.98	1,145.78	621.19	2.844		
16,300.00	7,794.00	16,077.72	7,794.00	314.25	313.83	90.00	503.39	-12,663.34	1,767.03	1,140.56	626.47	2.821		
16,400.00	7,794.00	16,177.72	7,794.00	316.88	316.47	90.00	503.53	-12,763.34	1,767.08	1,135.33	631.75	2.797		
16,500.00	7,794.00	16,277.72	7,794.00	319.51	319.11	90.00	503.67	-12,863.34	1,767.13	1,130.10	637.03	2.774		
16,600.00	7,794.00	16,377.72	7,794.00	322.15	321.74	90.00	503.81	-12,963.34	1,767.19	1,124.87	642.31	2.751		
16,700.00	7,794.00	16,477.72	7,794.00	324.78	324.38	90.00	503.95	-13,063.34	1,767.24	1,119.64	647.60	2.729		
16,800.00	7,794.00	16,577.72	7,794.00	327.41	327.02	90.00	504.09	-13,163.34	1,767.29	1,114.40	652.89	2.707		
16,900.00	7,794.00	16,677.72	7,794.00	330.05	329.66	90.00	504.24	-13,263.34	1,767.34	1,109.17	658.17	2.685		
17,000.00	7,794.00	16,777.72	7,794.00	332.68	332.30	90.00	504.38	-13,363.34	1,767.40	1,103.93	663.47	2.664		
17,100.00	7,794.00	16,877.72	7,794.00	335.32	334.95	90.00	504.52	-13,463.34	1,767.45	1,098.69	668.76	2.643		
17,200.00	7,794.00	16,977.72	7,794.00	337.96	337.59	90.00	504.66	-13,563.34	1,767.50	1,093.45	674.05	2.622		
17,300.00	7,794.00	17,077.72	7,794.00	340.60	340.24	90.00	504.80	-13,663.34	1,767.55	1,088.21	679.35	2.602		
17,400.00	7,794.00	17,177.72	7,794.00	343.24	342.88	90.00	504.94	-13,763.34	1,767.60	1,082.96	684.64	2.582		
17,500.00	7,794.00	17,277.72	7,794.00	345.88	345.53	90.00	505.08	-13,863.34	1,767.66	1,077.71	689.94	2.562		
17,600.00	7,794.00	17,377.72	7,794.00	348.52	348.17	90.00	505.22	-13,963.34	1,767.71	1,072.47	695.24	2.543		
17,700.00	7,794.00	17,477.72	7,794.00	351.16	350.82	90.00	505.36	-14,063.34	1,767.76	1,067.22	700.54	2.523		
17,800.00	7,794.00	17,577.72	7,794.00	353.81	353.47	90.00	505.50	-14,163.34	1,767.81	1,061.97	705.85	2.505		
17,900.00	7,794.00	17,677.72	7,794.00	356.45	356.12	90.00	505.64	-14,263.34	1,767.87	1,056.72	711.15	2.486		
18,000.00	7,794.00	17,777.72	7,794.00	359.09	358.77	90.00	505.78	-14,363.34	1,767.92	1,051.46	716.46	2.468		
18,100.00	7,794.00	17,877.72	7,794.00	361.74	361.42	90.00	505.93	-14,463.34	1,767.97	1,046.21	721.76	2.450		
18,200.00	7,794.00	17,977.72	7,794.00	364.39	364.07	90.00	506.07	-14,563.34	1,768.02	1,040.95	727.07	2.432		
18,300.00	7,794.00	18,077.72	7,794.00	367.03	366.72	90.00	506.21	-14,663.34	1,768.07	1,035.69	732.38	2.414		
18,400.00	7,794.00	18,177.72	7,794.00	369.68	369.37	90.00	506.35	-14,763.34	1,768.13	1,030.44	737.69	2.397		
18,500.00	7,794.00	18,277.72	7,794.00	372.33	372.03	90.00	506.49	-14,863.34	1,768.18	1,025.18	743.00	2.380		
18,600.00	7,794.00	18,377.72	7,794.00	374.98	374.68	90.00	506.63	-14,963.34	1,768.23	1,019.91	748.32	2.363		
18,700.00	7,794.00	18,477.72	7,794.00	377.63	377.34	90.00	506.77	-15,063.34	1,768.28	1,014.65	753.63	2.346		
18,800.00	7,794.00	18,577.72	7,794.00	380.28	379.99	90.00	506.91	-15,163.34	1,768.33	1,009.39	758.95	2.330		
18,900.00	7,794.00	18,677.72	7,794.00	382.93	382.65	90.00	507.05	-15,263.34	1,768.39	1,004.12	764.26	2.314		
19,000.00	7,794.00	18,777.72	7,794.00	385.58	385.30	90.00	507.19	-15,363.34	1,768.44	998.86	769.58	2.298		
19,100.00	7,794.00	18,877.72	7,794.00	388.24	387.96	90.00	507.33	-15,463.34	1,768.49	993.59	774.90	2.282		
19,200.00	7,794.00	18,977.72	7,794.00	390.89	390.62	90.00	507.48	-15,563.34	1,768.54	988.32	780.22	2.267		
19,300.00	7,794.00	19,077.72	7,794.00	393.55	393.28	90.00	507.62	-15,663.34	1,768.60	983.06	785.54	2.251		
19,400.00	7,794.00	19,177.72	7,794.00	396.20	395.93	90.00	507.76	-15,763.34	1,768.65	977.79	790.86	2.236		
19,500.00	7,794.00	19,277.72	7,794.00	398.85	398.59	90.00	507.90	-15,863.34	1,768.70	972.52	796.18	2.221		
19,600.00	7,794.00	19,377.72	7,794.00	401.51	401.25	90.00	508.04	-15,963.34	1,768.75	967.24	801.51	2.207		
19,700.00	7,794.00	19,477.72	7,794.00	404.17	403.91	90.00	508.18	-16,063.34	1,768.80	961.97	806.83	2.192		
19,800.00	7,794.00	19,577.72	7,794.00	406.82	406.57	90.00	508.32	-16,163.34	1,768.86	956.70	812.16	2.178		
19,900.00	7,794.00	19,677.72	7,794.00	409.48	409.23	90.00	508.46	-16,263.34	1,768.91	951.42	817.49	2.164		
20,000.00	7,794.00	19,777.72	7,794.00	412.14	411.90	90.00	508.60	-16,363.34	1,768.96	946.15	822.81	2.150		
20,100.00	7,794.00	19,877.72	7,794.00	414.80	414.56	90.00	508.74	-16,463.33	1,769.01	940.87	828.14	2.136		
20,200.00	7,794.00	19,977.72	7,794.00	417.46	417.22	90.00	508.88	-16,563.33	1,769.06	935.59	833.47	2.123		
20,300.00	7,794.00	20,077.72	7,794.00	420.12	419.88	90.00	509.02	-16,663.33	1,769.12	930.32	838.80	2.109		
20,400.00	7,794.00	20,177.72	7,794.00	422.78	422.55	90.00	509.17	-16,763.33	1,769.17	925.04	844.13	2.096		
20,500.00	7,794.00	20,277.72	7,794.00	425.44	425.21	90.00	509.31	-16,863.33	1,769.22	919.76	849.46	2.083		
20,600.00	7,794.00	20,377.72	7,794.00	428.10	427.88	90.00	509.45	-16,963.33	1,769.27	914.48	854.80	2.070		
20,700.00	7,794.00	20,477.72	7,794.00	430.76	430.54	90.00	509.59	-17,063.33	1,769.33	909.20	860.13	2.057		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 2H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,794.00	20,577.72	7,794.00	433.42	433.21	90.00	509.73	-17,163.33	1,769.38	903.91	865.46	2.044		
20,900.00	7,794.00	20,677.72	7,794.00	436.08	435.87	90.00	509.87	-17,263.33	1,769.43	898.63	870.80	2.032		
21,000.00	7,794.00	20,777.72	7,794.00	438.74	438.54	90.00	510.01	-17,363.33	1,769.48	893.35	876.13	2.020		
21,100.00	7,794.00	20,877.72	7,794.00	441.41	441.20	90.00	510.15	-17,463.33	1,769.53	888.06	881.47	2.007		
21,200.00	7,794.00	20,977.72	7,794.00	444.07	443.87	90.00	510.29	-17,563.33	1,769.59	882.78	886.81	1.995		
21,300.00	7,794.00	21,077.72	7,794.00	446.74	446.54	90.00	510.43	-17,663.33	1,769.64	877.49	892.15	1.984		
21,400.00	7,794.00	21,177.72	7,794.00	449.40	449.20	90.00	510.57	-17,763.33	1,769.69	872.21	897.48	1.972		
21,500.00	7,794.00	21,277.72	7,794.00	452.06	451.87	90.00	510.71	-17,863.33	1,769.74	866.92	902.82	1.960		
21,600.00	7,794.00	21,377.72	7,794.00	454.73	454.54	90.00	510.86	-17,963.33	1,769.80	861.63	908.16	1.949		
21,700.00	7,794.00	21,477.72	7,794.00	457.39	457.21	90.00	511.00	-18,063.33	1,769.85	856.34	913.50	1.937		
21,800.00	7,794.00	21,577.72	7,794.00	460.06	459.88	90.00	511.14	-18,163.33	1,769.90	851.05	918.85	1.926		
21,900.00	7,794.00	21,677.72	7,794.00	462.73	462.55	90.00	511.28	-18,263.33	1,769.95	845.76	924.19	1.915		
22,000.00	7,794.00	21,777.72	7,794.00	465.39	465.22	90.00	511.42	-18,363.33	1,770.00	840.47	929.53	1.904		
22,100.00	7,794.00	21,877.72	7,794.00	468.06	467.89	90.00	511.56	-18,463.33	1,770.06	835.18	934.87	1.893		
22,200.00	7,794.00	21,977.72	7,794.00	470.73	470.56	90.00	511.70	-18,563.33	1,770.11	829.89	940.22	1.883		
22,300.00	7,794.00	22,077.72	7,794.00	473.40	473.23	90.00	511.84	-18,663.33	1,770.16	824.60	945.56	1.872		
22,400.00	7,794.00	22,177.72	7,794.00	476.06	475.90	90.00	511.98	-18,763.33	1,770.21	819.31	950.91	1.862		
22,500.00	7,794.00	22,277.72	7,794.00	478.73	478.57	90.00	512.12	-18,863.33	1,770.26	814.01	956.25	1.851		
22,600.00	7,794.00	22,377.72	7,794.00	481.40	481.24	90.00	512.26	-18,963.33	1,770.32	808.72	961.60	1.841		
22,700.00	7,794.00	22,477.72	7,794.00	484.07	483.91	90.00	512.41	-19,063.33	1,770.37	803.43	966.94	1.831		
22,800.00	7,794.00	22,577.72	7,794.00	486.74	486.58	90.00	512.55	-19,163.33	1,770.42	798.13	972.29	1.821		
22,900.00	7,794.00	22,677.72	7,794.00	489.41	489.26	90.00	512.69	-19,263.33	1,770.47	792.83	977.64	1.811		
23,000.00	7,794.00	22,777.72	7,794.00	492.08	491.93	90.00	512.83	-19,363.33	1,770.53	787.54	982.99	1.801		
23,100.00	7,794.00	22,877.72	7,794.00	494.75	494.60	90.00	512.97	-19,463.33	1,770.58	782.24	988.34	1.791		
23,200.00	7,794.00	22,977.72	7,794.00	497.42	497.27	90.00	513.11	-19,563.33	1,770.63	776.95	993.68	1.782		
23,300.00	7,794.00	23,077.72	7,794.00	500.09	499.95	90.00	513.25	-19,663.33	1,770.68	771.65	999.03	1.772		
23,400.00	7,794.00	23,177.72	7,794.00	502.76	502.62	90.00	513.39	-19,763.33	1,770.73	766.35	1,004.38	1.763		
23,500.00	7,794.00	23,277.72	7,794.00	505.43	505.29	90.00	513.53	-19,863.33	1,770.79	761.05	1,009.74	1.754		
23,600.00	7,794.00	23,377.72	7,794.00	508.10	507.97	90.00	513.67	-19,963.33	1,770.84	755.75	1,015.09	1.745		
23,700.00	7,794.00	23,477.72	7,794.00	510.78	510.64	90.00	513.81	-20,063.33	1,770.89	750.45	1,020.44	1.735		
23,800.00	7,794.00	23,577.72	7,794.00	513.45	513.32	90.00	513.95	-20,163.33	1,770.94	745.15	1,025.79	1.726		
23,900.00	7,794.00	23,677.72	7,794.00	516.12	515.99	90.00	514.10	-20,263.33	1,771.00	739.85	1,031.14	1.718		
24,000.00	7,794.00	23,777.72	7,794.00	518.79	518.67	90.00	514.24	-20,363.33	1,771.05	734.55	1,036.50	1.709		
24,100.00	7,794.00	23,877.72	7,794.00	521.47	521.34	90.00	514.38	-20,463.33	1,771.10	729.25	1,041.85	1.700		
24,200.00	7,794.00	23,977.72	7,794.00	524.14	524.02	90.00	514.52	-20,563.33	1,771.15	723.95	1,047.20	1.691		
24,300.00	7,794.00	24,077.72	7,794.00	526.81	526.69	90.00	514.66	-20,663.33	1,771.20	718.65	1,052.56	1.683		
24,400.00	7,794.00	24,177.72	7,794.00	529.49	529.37	90.00	514.80	-20,763.33	1,771.26	713.34	1,057.91	1.674		
24,500.00	7,794.00	24,277.72	7,794.00	532.16	532.05	90.00	514.94	-20,863.33	1,771.31	708.04	1,063.27	1.666		
24,600.00	7,794.00	24,377.72	7,794.00	534.84	534.72	90.00	515.08	-20,963.33	1,771.36	702.74	1,068.62	1.658		
24,700.00	7,794.00	24,477.72	7,794.00	537.51	537.40	90.00	515.22	-21,063.33	1,771.41	697.43	1,073.98	1.649		
24,800.00	7,794.00	24,577.72	7,794.00	540.19	540.08	90.00	515.36	-21,163.33	1,771.46	692.13	1,079.34	1.641		
24,900.00	7,794.00	24,677.72	7,794.00	542.86	542.75	90.00	515.50	-21,263.33	1,771.52	686.83	1,084.69	1.633		
25,000.00	7,794.00	24,777.72	7,794.00	545.54	545.43	90.00	515.65	-21,363.33	1,771.57	681.52	1,090.05	1.625		
25,100.00	7,794.00	24,877.72	7,794.00	548.21	548.11	90.00	515.79	-21,463.33	1,771.62	676.21	1,095.41	1.617		
25,200.00	7,794.00	24,977.72	7,794.00	550.89	550.79	90.00	515.93	-21,563.33	1,771.67	670.91	1,100.76	1.609		
25,300.00	7,794.00	25,077.72	7,794.00	553.56	553.46	90.00	516.07	-21,663.33	1,771.73	665.60	1,106.12	1.602		
25,400.00	7,794.00	25,177.72	7,794.00	556.24	556.14	90.00	516.21	-21,763.33	1,771.78	660.30	1,111.48	1.594		
25,500.00	7,794.00	25,277.72	7,794.00	558.92	558.82	90.00	516.35	-21,863.33	1,771.83	654.99	1,116.84	1.586		
25,600.00	7,794.00	25,377.72	7,794.00	561.59	561.50	90.00	516.49	-21,963.33	1,771.88	649.68	1,122.20	1.579		
25,700.00	7,794.00	25,477.72	7,794.00	564.27	564.18	90.00	516.63	-22,063.33	1,771.93	644.38	1,127.56	1.571		
25,800.00	7,794.00	25,577.72	7,794.00	566.95	566.86	90.00	516.77	-22,163.33	1,771.99	639.07	1,132.92	1.564		
25,900.00	7,794.00	25,677.72	7,794.00	569.62	569.54	90.00	516.91	-22,263.33	1,772.04	633.76	1,138.28	1.557		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 2H - 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		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
26,000.00	7,794.00	25,777.72	7,794.00	572.30	572.21	90.00	517.05	-22,363.33	1,772.09	628.45	1,143.64	1.550	
26,100.00	7,794.00	25,877.72	7,794.00	574.98	574.89	90.00	517.19	-22,463.33	1,772.14	623.14	1,149.00	1.542	
26,200.00	7,794.00	25,977.72	7,794.00	577.66	577.57	90.00	517.34	-22,563.33	1,772.20	617.83	1,154.36	1.535	
26,300.00	7,794.00	26,077.72	7,794.00	580.33	580.25	90.00	517.48	-22,663.33	1,772.25	612.52	1,159.72	1.528	
26,400.00	7,794.00	26,177.72	7,794.00	583.01	582.93	90.00	517.62	-22,763.33	1,772.30	607.21	1,165.09	1.521	
26,500.00	7,794.00	26,277.72	7,794.00	585.69	585.61	90.00	517.76	-22,863.33	1,772.35	601.90	1,170.45	1.514	
26,600.00	7,794.00	26,377.72	7,794.00	588.37	588.29	90.00	517.90	-22,963.33	1,772.40	596.59	1,175.81	1.507	
26,700.00	7,794.00	26,477.72	7,794.00	591.05	590.97	90.00	518.04	-23,063.33	1,772.46	591.28	1,181.17	1.501	
26,800.00	7,794.00	26,577.72	7,794.00	593.73	593.65	90.00	518.18	-23,163.33	1,772.51	585.97	1,186.54	1.494	Level 3
26,900.00	7,794.00	26,678.57	7,794.00	596.40	596.36	90.00	518.31	-23,264.18	1,772.54	580.61	1,191.93	1.487	Level 3
26,917.25	7,794.00	26,695.82	7,794.00	596.87	596.82	90.00	518.32	-23,281.43	1,772.54	579.69	1,192.86	1.486	Level 3
26,932.55	7,794.00	26,695.93	7,794.00	597.28	596.82	90.00	518.32	-23,281.54	1,772.61	579.55	1,193.06	1.486	Level 3, SF

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 3H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-32.86	33.52	-21.65	39.90					
100.00	100.00	100.00	100.00	0.27	0.27	-32.86	33.52	-21.65	39.90	39.36	0.54	74.203		
200.00	200.00	200.00	200.00	0.63	0.63	-32.86	33.52	-21.65	39.90	38.64	1.25	31.801		
300.00	300.00	300.00	300.00	0.99	0.99	-32.86	33.52	-21.65	39.90	37.93	1.97	20.237 CC		
400.00	400.00	399.23	399.21	1.34	1.33	-34.90	33.49	-23.36	40.84	38.16	2.68	15.246		
500.00	500.00	498.22	498.06	1.70	1.68	-40.46	33.42	-28.50	43.96	40.58	3.39	12.986		
600.00	599.98	596.89	596.36	2.05	2.04	52.03	33.29	-37.02	48.83	44.74	4.09	11.948		
700.00	699.84	695.33	694.08	2.40	2.42	47.46	33.11	-48.88	54.42	49.64	4.79	11.372		
800.00	799.45	793.54	791.10	2.76	2.82	44.12	32.89	-64.05	60.55	55.05	5.50	11.017		
900.00	898.70	891.51	887.31	3.13	3.25	41.74	32.61	-82.49	67.07	60.85	6.22	10.784		
1,000.00	997.47	989.24	982.61	3.53	3.71	40.08	32.29	-104.15	73.89	66.93	6.96	10.617		
1,100.00	1,095.62	1,086.75	1,076.90	3.95	4.21	38.99	31.92	-128.99	80.95	73.23	7.72	10.486		
1,200.00	1,193.06	1,184.02	1,170.06	4.41	4.75	38.32	31.51	-156.95	88.22	79.71	8.51	10.366		
1,300.00	1,289.64	1,281.07	1,262.00	4.91	5.34	38.00	31.05	-187.98	95.66	86.32	9.34	10.245		
1,400.00	1,385.27	1,377.89	1,352.63	5.45	5.98	37.94	30.54	-222.02	103.26	93.06	10.21	10.117		
1,500.00	1,479.82	1,474.48	1,441.86	6.04	6.67	38.09	29.99	-259.02	111.02	99.89	11.13	9.975		
1,600.00	1,573.17	1,570.85	1,529.58	6.69	7.42	38.40	29.40	-298.91	118.92	106.80	12.12	9.815		
1,700.00	1,665.21	1,667.01	1,615.72	7.39	8.24	38.85	28.76	-341.62	126.96	113.79	13.18	9.636		
1,800.00	1,755.84	1,762.95	1,700.19	8.16	9.11	39.40	28.09	-387.10	135.15	120.83	14.32	9.438		
1,900.00	1,844.94	1,858.68	1,782.91	9.00	10.05	40.04	27.37	-435.27	143.47	127.92	15.56	9.221		
2,000.00	1,932.39	1,954.20	1,863.80	9.91	11.06	40.74	26.62	-486.06	151.94	135.04	16.90	8.988		
2,100.00	2,018.11	2,049.53	1,942.79	10.89	12.13	41.49	25.83	-539.41	160.56	142.19	18.37	8.742		
2,200.00	2,101.97	2,144.65	2,019.80	11.94	13.27	42.28	25.00	-595.24	169.32	149.36	19.96	8.485		
2,300.00	2,183.88	2,239.58	2,094.76	13.08	14.48	43.11	24.13	-653.47	178.22	156.54	21.68	8.221		
2,400.00	2,263.74	2,334.33	2,167.61	14.28	15.75	43.95	23.23	-714.03	187.27	163.73	23.55	7.954		
2,500.00	2,341.45	2,428.89	2,238.29	15.57	17.10	44.81	22.30	-776.84	196.47	170.91	25.56	7.686		
2,600.00	2,416.92	2,523.28	2,306.73	16.93	18.51	45.69	21.33	-841.83	205.82	178.09	27.73	7.421		
2,700.00	2,490.05	2,617.50	2,372.88	18.37	19.98	46.57	20.34	-908.92	215.31	185.25	30.06	7.162		
2,800.00	2,560.76	2,711.56	2,436.67	19.88	21.52	47.45	19.31	-978.02	224.95	192.39	32.56	6.910		
2,900.00	2,628.95	2,805.47	2,498.06	21.48	23.13	48.33	18.25	-1,049.06	234.73	199.51	35.21	6.666		
3,000.00	2,694.55	2,900.00	2,557.48	23.15	24.81	49.21	17.16	-1,122.58	244.65	206.58	38.06	6.427		
3,100.00	2,757.48	2,992.83	2,613.44	24.89	26.53	50.07	16.06	-1,196.63	254.70	213.68	41.02	6.209		
3,200.00	2,817.66	3,090.95	2,670.80	26.70	28.40	51.15	14.88	-1,276.22	264.21	219.80	44.42	5.949		
3,300.00	2,875.03	3,190.33	2,728.85	28.58	30.30	52.75	13.68	-1,356.89	271.79	223.54	48.24	5.634		
3,400.00	2,931.24	3,289.69	2,786.88	30.50	32.21	54.61	12.48	-1,437.53	278.78	226.50	52.28	5.332		
3,500.00	2,987.46	3,389.04	2,844.91	32.43	34.13	56.37	11.28	-1,518.17	286.05	229.66	56.38	5.073		
3,600.00	3,043.67	3,488.40	2,902.94	34.37	36.06	58.05	10.09	-1,598.81	293.57	233.03	60.54	4.849		
3,700.00	3,099.88	3,587.75	2,960.96	36.32	37.99	59.64	8.89	-1,679.45	301.34	236.61	64.73	4.655		
3,800.00	3,156.09	3,687.11	3,018.99	38.27	39.93	61.15	7.69	-1,760.08	309.32	240.37	68.95	4.486		
3,900.00	3,212.31	3,786.46	3,077.02	40.23	41.87	62.58	6.49	-1,840.72	317.51	244.31	73.20	4.338		
4,000.00	3,268.52	3,885.82	3,135.05	42.20	43.81	63.95	5.29	-1,921.36	325.89	248.43	77.46	4.207		
4,100.00	3,324.73	3,985.17	3,193.08	44.17	45.76	65.24	4.10	-2,002.00	334.45	252.72	81.73	4.092		
4,200.00	3,380.94	4,084.53	3,251.11	46.15	47.71	66.47	2.90	-2,082.64	343.16	257.15	86.01	3.990		
4,300.00	3,437.16	4,183.88	3,309.13	48.12	49.66	67.63	1.70	-2,163.28	352.03	261.74	90.28	3.899		
4,400.00	3,493.37	4,283.24	3,367.16	50.11	51.62	68.74	0.50	-2,243.92	361.03	266.47	94.56	3.818		
4,500.00	3,549.58	4,382.59	3,425.19	52.09	53.58	69.80	-0.70	-2,324.56	370.16	271.32	98.84	3.745		
4,600.00	3,605.79	4,481.95	3,483.22	54.08	55.54	70.80	-1.89	-2,405.20	379.41	276.30	103.11	3.680		
4,700.00	3,662.01	4,581.30	3,541.25	56.07	57.50	71.76	-3.09	-2,485.84	388.77	281.40	107.37	3.621		
4,800.00	3,718.22	4,680.66	3,599.28	58.06	59.46	72.67	-4.29	-2,566.48	398.23	286.61	111.62	3.568		
4,900.00	3,774.43	4,780.01	3,657.30	60.05	61.42	73.54	-5.49	-2,647.12	407.79	291.92	115.87	3.519		
5,000.00	3,830.65	4,879.37	3,715.33	62.04	63.39	74.37	-6.69	-2,727.76	417.44	297.33	120.11	3.475		
5,100.00	3,886.86	4,978.72	3,773.36	64.04	65.35	75.16	-7.88	-2,808.40	427.17	302.83	124.34	3.435		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 3H - 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	3,943.07	5,078.08	3,831.39	66.03	67.32	75.92	-9.08	-2,889.04	436.98	308.42	128.56	3.399		
5,300.00	3,999.28	5,177.43	3,889.42	68.03	69.29	76.64	-10.28	-2,969.68	446.86	314.09	132.78	3.366		
5,400.00	4,055.50	5,276.79	3,947.45	70.03	71.26	77.34	-11.48	-3,050.31	456.81	319.84	136.98	3.335		
5,500.00	4,111.71	5,376.14	4,005.47	72.03	73.23	78.00	-12.68	-3,130.95	466.83	325.66	141.17	3.307		
5,600.00	4,167.92	5,475.50	4,063.50	74.03	75.19	78.63	-13.87	-3,211.59	476.90	331.54	145.35	3.281		
5,700.00	4,224.13	5,574.85	4,121.53	76.03	77.17	79.24	-15.07	-3,292.23	487.03	337.50	149.53	3.257		
5,800.00	4,280.35	5,674.21	4,179.56	78.03	79.14	79.82	-16.27	-3,372.87	497.21	343.51	153.69	3.235		
5,900.00	4,336.56	5,773.57	4,237.59	80.04	81.11	80.39	-17.47	-3,453.51	507.43	349.58	157.85	3.215		
6,000.00	4,392.77	5,872.92	4,295.62	82.04	83.08	80.92	-18.67	-3,534.15	517.71	355.71	162.00	3.196		
6,100.00	4,448.98	5,972.28	4,353.64	84.04	85.05	81.44	-19.86	-3,614.79	528.03	361.89	166.14	3.178		
6,200.00	4,505.20	6,071.63	4,411.67	86.05	87.03	81.94	-21.06	-3,695.43	538.39	368.12	170.27	3.162		
6,300.00	4,561.41	6,170.99	4,469.70	88.05	89.00	82.42	-22.26	-3,776.07	548.79	374.39	174.39	3.147		
6,400.00	4,617.62	6,270.34	4,527.73	90.06	90.97	82.88	-23.46	-3,856.71	559.22	380.71	178.51	3.133		
6,500.00	4,673.83	6,369.70	4,585.76	92.07	92.95	83.32	-24.66	-3,937.35	569.69	387.07	182.62	3.120		
6,600.00	4,730.05	6,469.05	4,643.79	94.07	94.92	83.75	-25.85	-4,017.99	580.19	393.47	186.72	3.107		
6,700.00	4,786.26	6,568.41	4,701.81	96.08	96.90	84.16	-27.05	-4,098.63	590.73	399.91	190.82	3.096		
6,800.00	4,842.47	6,667.76	4,759.84	98.09	98.87	84.56	-28.25	-4,179.27	601.29	406.38	194.91	3.085		
6,900.00	4,898.68	6,767.12	4,817.87	100.09	100.85	84.94	-29.45	-4,259.90	611.88	412.89	198.99	3.075		
7,000.00	4,954.90	6,866.47	4,875.90	102.10	102.82	85.32	-30.65	-4,340.54	622.50	419.43	203.06	3.066		
7,100.00	5,011.11	6,965.83	4,933.93	104.11	104.80	85.68	-31.84	-4,421.18	633.14	426.00	207.13	3.057		
7,200.00	5,067.32	7,065.18	4,991.96	106.12	106.77	86.02	-33.04	-4,501.82	643.80	432.60	211.20	3.048		
7,300.00	5,123.53	7,164.54	5,049.99	108.13	108.75	86.36	-34.24	-4,582.46	654.49	439.23	215.26	3.040		
7,400.00	5,179.75	7,263.89	5,108.01	110.14	110.73	86.68	-35.44	-4,663.10	665.20	445.89	219.31	3.033		
7,500.00	5,235.96	7,363.25	5,166.04	112.15	112.70	87.00	-36.64	-4,743.74	675.93	452.57	223.36	3.026		
7,600.00	5,292.17	7,462.60	5,224.07	114.16	114.68	87.30	-37.83	-4,824.38	686.68	459.27	227.41	3.020		
7,700.00	5,348.38	7,561.96	5,282.10	116.17	116.66	87.60	-39.03	-4,905.02	697.45	466.00	231.45	3.013		
7,800.00	5,404.60	7,661.31	5,340.13	118.18	118.63	87.88	-40.23	-4,985.66	708.23	472.75	235.48	3.008		
7,900.00	5,460.81	7,760.67	5,398.16	120.19	120.61	88.16	-41.43	-5,066.30	719.04	479.53	239.51	3.002		
8,000.00	5,517.02	7,860.02	5,456.18	122.20	122.59	88.43	-42.63	-5,146.94	729.86	486.32	243.54	2.997		
8,100.00	5,573.24	7,959.38	5,514.21	124.21	124.57	88.69	-43.82	-5,227.58	740.69	493.13	247.56	2.992		
8,200.00	5,629.45	8,058.73	5,572.24	126.22	126.54	88.95	-45.02	-5,308.22	751.54	499.96	251.58	2.987		
8,300.00	5,685.66	8,158.09	5,630.27	128.23	128.52	89.20	-46.22	-5,388.86	762.41	506.81	255.60	2.983		
8,400.00	5,741.87	8,257.44	5,688.30	130.24	130.50	89.44	-47.42	-5,469.50	773.28	513.68	259.61	2.979		
8,500.00	5,798.09	8,356.80	5,746.33	132.25	132.48	89.67	-48.62	-5,550.13	784.17	520.56	263.62	2.975		
8,600.00	5,854.30	8,456.15	5,804.35	134.26	134.46	89.90	-49.81	-5,630.77	795.08	527.46	267.62	2.971		
8,700.00	5,910.51	8,555.51	5,862.38	136.28	136.43	90.12	-51.01	-5,711.41	805.99	534.37	271.62	2.967		
8,800.00	5,966.72	8,654.86	5,920.41	138.29	138.41	90.33	-52.21	-5,792.05	816.92	541.30	275.62	2.964		
8,900.00	6,022.94	8,754.22	5,978.44	140.30	140.39	90.54	-53.41	-5,872.69	827.86	548.24	279.62	2.961		
9,000.00	6,079.15	8,853.57	6,036.47	142.31	142.37	90.75	-54.61	-5,953.33	838.81	555.20	283.61	2.958		
9,100.00	6,135.36	8,952.93	6,094.50	144.32	144.35	90.94	-55.80	-6,033.97	849.76	562.17	287.60	2.955		
9,200.00	6,191.57	9,052.28	6,152.52	146.34	146.33	91.14	-57.00	-6,114.61	860.73	569.15	291.59	2.952		
9,300.00	6,247.79	9,151.64	6,210.55	148.35	148.31	91.33	-58.20	-6,195.25	871.71	576.14	295.57	2.949		
9,400.00	6,304.00	9,250.99	6,268.58	150.36	150.29	91.51	-59.40	-6,275.89	882.70	583.15	299.55	2.947		
9,500.00	6,360.21	9,350.35	6,326.61	152.37	152.26	91.69	-60.60	-6,356.53	893.69	590.16	303.53	2.944		
9,600.00	6,416.42	9,449.70	6,384.64	154.39	154.24	91.86	-61.79	-6,437.17	904.70	597.19	307.51	2.942		
9,700.00	6,472.64	9,549.06	6,442.67	156.40	156.22	92.04	-62.99	-6,517.81	915.71	604.23	311.48	2.940		
9,800.00	6,528.85	9,648.41	6,500.69	158.41	158.20	92.20	-64.19	-6,598.45	926.73	611.28	315.46	2.938		
9,900.00	6,585.06	9,747.77	6,558.72	160.42	160.18	92.37	-65.39	-6,679.09	937.76	618.33	319.43	2.936		
10,000.00	6,641.27	9,847.12	6,616.75	162.44	162.16	92.52	-66.59	-6,759.73	948.79	625.40	323.40	2.934		
10,100.00	6,697.49	9,946.48	6,674.78	164.45	164.14	92.68	-67.78	-6,840.36	959.84	632.47	327.36	2.932		
10,200.00	6,753.70	10,045.83	6,732.81	166.46	166.12	92.83	-68.98	-6,921.00	970.89	639.56	331.33	2.930		
10,300.00	6,809.91	10,145.19	6,790.84	168.48	168.10	92.98	-70.18	-7,001.64	981.94	646.65	335.29	2.929		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 3H - 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	6,866.12	10,244.54	6,848.87	170.49	170.08	93.13	-71.38	-7,082.28	993.00	653.75	339.25	2.927		
10,500.00	6,922.34	10,343.90	6,906.89	172.50	172.06	93.27	-72.58	-7,162.92	1,004.07	660.86	343.21	2.926		
10,600.00	6,978.55	10,443.26	6,964.92	174.52	174.04	93.41	-73.77	-7,243.56	1,015.15	667.98	347.17	2.924		
10,700.00	7,034.76	10,542.61	7,022.95	176.53	176.02	93.54	-74.97	-7,324.20	1,026.23	675.10	351.12	2.923		
10,800.00	7,090.98	10,641.97	7,080.98	178.54	178.00	93.68	-76.17	-7,404.84	1,037.31	682.24	355.08	2.921		
10,900.00	7,147.19	10,741.32	7,139.01	180.56	179.98	93.81	-77.37	-7,485.48	1,048.40	689.37	359.03	2.920		
11,000.00	7,203.40	10,840.68	7,197.04	182.57	181.96	93.93	-78.57	-7,566.12	1,059.50	696.52	362.98	2.919		
11,100.00	7,259.61	10,940.03	7,255.06	184.58	183.94	94.06	-79.76	-7,646.76	1,070.60	703.67	366.93	2.918		
11,200.00	7,315.83	11,039.39	7,313.09	186.60	185.92	94.18	-80.96	-7,727.40	1,081.71	710.83	370.88	2.917		
11,300.00	7,372.04	11,138.74	7,371.12	188.61	187.90	94.30	-82.16	-7,808.04	1,092.82	717.99	374.83	2.916		
11,400.00	7,428.25	11,238.10	7,429.15	190.63	189.88	94.42	-83.36	-7,888.68	1,103.93	725.16	378.77	2.915		
11,500.00	7,484.46	11,337.45	7,487.18	192.64	191.86	94.53	-84.56	-7,969.32	1,115.05	732.34	382.72	2.914		
11,600.00	7,540.68	11,436.81	7,545.21	194.65	193.84	94.65	-85.75	-8,049.96	1,126.18	739.52	386.66	2.913		
11,700.00	7,596.89	11,536.16	7,603.23	196.67	195.82	94.76	-86.95	-8,130.59	1,137.31	746.71	390.60	2.912		
11,800.00	7,653.10	11,635.52	7,661.26	198.68	197.80	94.86	-88.15	-8,211.23	1,148.44	753.90	394.54	2.911		
11,900.00	7,708.64	11,732.88	7,715.95	200.71	199.80	94.04	-89.27	-8,291.72	1,159.48	760.97	398.50	2.910		
12,000.00	7,753.02	11,828.68	7,757.09	202.96	201.99	91.88	-90.09	-8,378.12	1,168.34	765.47	402.88	2.900		
12,100.00	7,781.64	11,924.43	7,783.27	205.41	204.37	90.57	-90.56	-8,470.10	1,174.08	766.47	407.62	2.880		
12,200.00	7,793.64	12,020.11	7,793.79	207.95	206.82	90.02	-90.68	-8,565.08	1,176.52	764.01	412.51	2.852		
12,300.00	7,794.00	12,119.41	7,794.00	210.49	209.36	90.00	-90.56	-8,664.38	1,176.63	759.02	417.61	2.818		
12,400.00	7,794.00	12,219.41	7,794.00	213.04	211.93	90.00	-90.44	-8,764.38	1,176.66	753.92	422.74	2.783		
12,500.00	7,794.00	12,319.41	7,794.00	215.58	214.50	90.00	-90.31	-8,864.38	1,176.70	748.81	427.88	2.750		
12,600.00	7,794.00	12,419.41	7,794.00	218.14	217.07	90.00	-90.19	-8,964.38	1,176.73	743.70	433.03	2.717		
12,700.00	7,794.00	12,519.41	7,794.00	220.69	219.64	90.00	-90.06	-9,064.38	1,176.77	738.58	438.19	2.686		
12,800.00	7,794.00	12,619.41	7,794.00	223.25	222.22	90.00	-89.94	-9,164.38	1,176.80	733.45	443.35	2.654		
12,900.00	7,794.00	12,719.41	7,794.00	225.81	224.80	90.00	-89.82	-9,264.38	1,176.84	728.32	448.51	2.624		
13,000.00	7,794.00	12,819.41	7,794.00	228.37	227.38	90.00	-89.69	-9,364.38	1,176.87	723.19	453.68	2.594		
13,100.00	7,794.00	12,919.41	7,794.00	230.94	229.96	90.00	-89.57	-9,464.38	1,176.91	718.05	458.86	2.565		
13,200.00	7,794.00	13,019.41	7,794.00	233.51	232.55	90.00	-89.45	-9,564.38	1,176.94	712.90	464.04	2.536		
13,300.00	7,794.00	13,119.41	7,794.00	236.08	235.14	90.00	-89.32	-9,664.38	1,176.98	707.75	469.23	2.508		
13,400.00	7,794.00	13,219.41	7,794.00	238.66	237.74	90.00	-89.20	-9,764.38	1,177.01	702.59	474.42	2.481		
13,500.00	7,794.00	13,319.41	7,794.00	241.24	240.33	90.00	-89.08	-9,864.38	1,177.05	697.43	479.62	2.454		
13,600.00	7,794.00	13,419.41	7,794.00	243.82	242.93	90.00	-88.95	-9,964.38	1,177.08	692.27	484.82	2.428		
13,700.00	7,794.00	13,519.41	7,794.00	246.40	245.53	90.00	-88.83	-10,064.38	1,177.12	687.10	490.02	2.402		
13,800.00	7,794.00	13,619.41	7,794.00	248.99	248.13	90.00	-88.71	-10,164.38	1,177.15	681.92	495.23	2.377		
13,900.00	7,794.00	13,719.41	7,794.00	251.58	250.73	90.00	-88.58	-10,264.38	1,177.18	676.74	500.44	2.352		
14,000.00	7,794.00	13,819.41	7,794.00	254.17	253.34	90.00	-88.46	-10,364.38	1,177.22	671.56	505.66	2.328		
14,100.00	7,794.00	13,919.41	7,794.00	256.76	255.94	90.00	-88.34	-10,464.38	1,177.25	666.38	510.88	2.304		
14,200.00	7,794.00	14,019.41	7,794.00	259.36	258.55	90.00	-88.21	-10,564.38	1,177.29	661.19	516.10	2.281		
14,300.00	7,794.00	14,119.41	7,794.00	261.95	261.17	90.00	-88.09	-10,664.38	1,177.32	656.00	521.33	2.258		
14,400.00	7,794.00	14,219.41	7,794.00	264.55	263.78	90.00	-87.97	-10,764.38	1,177.36	650.80	526.56	2.236		
14,500.00	7,794.00	14,319.41	7,794.00	267.15	266.39	90.00	-87.84	-10,864.38	1,177.39	645.60	531.79	2.214		
14,600.00	7,794.00	14,419.41	7,794.00	269.76	269.01	90.00	-87.72	-10,964.38	1,177.43	640.40	537.03	2.192		
14,700.00	7,794.00	14,519.41	7,794.00	272.36	271.63	90.00	-87.60	-11,064.38	1,177.46	635.20	542.27	2.171		
14,800.00	7,794.00	14,619.41	7,794.00	274.97	274.25	90.00	-87.47	-11,164.38	1,177.50	629.99	547.51	2.151		
14,900.00	7,794.00	14,719.41	7,794.00	277.58	276.87	90.00	-87.35	-11,264.37	1,177.53	624.78	552.76	2.130		
15,000.00	7,794.00	14,819.41	7,794.00	280.19	279.49	90.00	-87.23	-11,364.37	1,177.57	619.56	558.00	2.110		
15,100.00	7,794.00	14,919.41	7,794.00	282.80	282.11	90.00	-87.10	-11,464.37	1,177.60	614.35	563.26	2.091		
15,200.00	7,794.00	15,019.41	7,794.00	285.41	284.74	90.00	-86.98	-11,564.37	1,177.64	609.13	568.51	2.071		
15,300.00	7,794.00	15,119.41	7,794.00	288.03	287.36	90.00	-86.85	-11,664.37	1,177.67	603.90	573.77	2.053		
15,400.00	7,794.00	15,219.41	7,794.00	290.64	289.99	90.00	-86.73	-11,764.37	1,177.71	598.68	579.03	2.034		
15,500.00	7,794.00	15,319.41	7,794.00	293.26	292.62	90.00	-86.61	-11,864.37	1,177.74	593.45	584.29	2.016		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 3H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,794.00	15,419.41	7,794.00	295.88	295.25	90.00	-86.48	-11,964.37	1,177.78	588.22	589.55	1.998		
15,700.00	7,794.00	15,519.41	7,794.00	298.50	297.88	90.00	-86.36	-12,064.37	1,177.81	582.99	594.82	1.980		
15,800.00	7,794.00	15,619.41	7,794.00	301.12	300.52	90.00	-86.24	-12,164.37	1,177.85	577.76	600.09	1.963		
15,900.00	7,794.00	15,719.41	7,794.00	303.75	303.15	90.00	-86.11	-12,264.37	1,177.88	572.52	605.36	1.946		
16,000.00	7,794.00	15,819.41	7,794.00	306.37	305.78	90.00	-85.99	-12,364.37	1,177.91	567.28	610.63	1.929		
16,100.00	7,794.00	15,919.41	7,794.00	309.00	308.42	90.00	-85.87	-12,464.37	1,177.95	562.04	615.91	1.913		
16,200.00	7,794.00	16,019.41	7,794.00	311.62	311.06	90.00	-85.74	-12,564.37	1,177.98	556.80	621.19	1.896		
16,300.00	7,794.00	16,119.41	7,794.00	314.25	313.70	90.00	-85.62	-12,664.37	1,178.02	551.55	626.47	1.880		
16,400.00	7,794.00	16,219.41	7,794.00	316.88	316.33	90.00	-85.50	-12,764.37	1,178.05	546.31	631.75	1.865		
16,500.00	7,794.00	16,319.41	7,794.00	319.51	318.97	90.00	-85.37	-12,864.37	1,178.09	541.06	637.03	1.849		
16,600.00	7,794.00	16,419.41	7,794.00	322.15	321.62	90.00	-85.25	-12,964.37	1,178.12	535.81	642.32	1.834		
16,700.00	7,794.00	16,519.41	7,794.00	324.78	324.26	90.00	-85.13	-13,064.37	1,178.16	530.56	647.60	1.819		
16,800.00	7,794.00	16,619.41	7,794.00	327.41	326.90	90.00	-85.00	-13,164.37	1,178.19	525.30	652.89	1.805		
16,900.00	7,794.00	16,719.41	7,794.00	330.05	329.54	90.00	-84.88	-13,264.37	1,178.23	520.05	658.18	1.790		
17,000.00	7,794.00	16,819.41	7,794.00	332.68	332.19	90.00	-84.76	-13,364.37	1,178.26	514.79	663.48	1.776		
17,100.00	7,794.00	16,919.41	7,794.00	335.32	334.84	90.00	-84.63	-13,464.37	1,178.30	509.53	668.77	1.762		
17,200.00	7,794.00	17,019.41	7,794.00	337.96	337.48	90.00	-84.51	-13,564.37	1,178.33	504.27	674.06	1.748		
17,300.00	7,794.00	17,119.41	7,794.00	340.60	340.13	90.00	-84.39	-13,664.37	1,178.37	499.00	679.36	1.735		
17,400.00	7,794.00	17,219.41	7,794.00	343.24	342.78	90.00	-84.26	-13,764.37	1,178.40	493.74	684.66	1.721		
17,500.00	7,794.00	17,319.41	7,794.00	345.88	345.43	90.00	-84.14	-13,864.37	1,178.44	488.48	689.96	1.708		
17,600.00	7,794.00	17,419.41	7,794.00	348.52	348.07	90.00	-84.02	-13,964.37	1,178.47	483.21	695.26	1.695		
17,700.00	7,794.00	17,519.41	7,794.00	351.16	350.73	90.00	-83.89	-14,064.37	1,178.51	477.94	700.57	1.682		
17,800.00	7,794.00	17,619.41	7,794.00	353.81	353.38	90.00	-83.77	-14,164.37	1,178.54	472.67	705.87	1.670		
17,900.00	7,794.00	17,719.41	7,794.00	356.45	356.03	90.00	-83.64	-14,264.37	1,178.58	467.40	711.18	1.657		
18,000.00	7,794.00	17,819.41	7,794.00	359.09	358.68	90.00	-83.52	-14,364.37	1,178.61	462.13	716.48	1.645		
18,100.00	7,794.00	17,919.41	7,794.00	361.74	361.33	90.00	-83.40	-14,464.37	1,178.65	456.85	721.79	1.633		
18,200.00	7,794.00	18,019.41	7,794.00	364.39	363.99	90.00	-83.27	-14,564.37	1,178.68	451.58	727.10	1.621		
18,300.00	7,794.00	18,119.41	7,794.00	367.03	366.64	90.00	-83.15	-14,664.37	1,178.71	446.30	732.41	1.609		
18,400.00	7,794.00	18,219.41	7,794.00	369.68	369.30	90.00	-83.03	-14,764.37	1,178.75	441.02	737.73	1.598		
18,500.00	7,794.00	18,319.41	7,794.00	372.33	371.95	90.00	-82.90	-14,864.37	1,178.78	435.74	743.04	1.586		
18,600.00	7,794.00	18,419.41	7,794.00	374.98	374.61	90.00	-82.78	-14,964.37	1,178.82	430.46	748.35	1.575		
18,700.00	7,794.00	18,519.41	7,794.00	377.63	377.26	90.00	-82.66	-15,064.37	1,178.85	425.18	753.67	1.564		
18,800.00	7,794.00	18,619.41	7,794.00	380.28	379.92	90.00	-82.53	-15,164.37	1,178.89	419.90	758.99	1.553		
18,900.00	7,794.00	18,719.41	7,794.00	382.93	382.58	90.00	-82.41	-15,264.37	1,178.92	414.62	764.31	1.542		
19,000.00	7,794.00	18,819.41	7,794.00	385.58	385.24	90.00	-82.29	-15,364.37	1,178.96	409.33	769.62	1.532		
19,100.00	7,794.00	18,919.41	7,794.00	388.24	387.90	90.00	-82.16	-15,464.37	1,178.99	404.05	774.94	1.521		
19,200.00	7,794.00	19,019.41	7,794.00	390.89	390.56	90.00	-82.04	-15,564.37	1,179.03	398.76	780.27	1.511		
19,300.00	7,794.00	19,119.41	7,794.00	393.55	393.22	90.00	-81.92	-15,664.37	1,179.06	393.47	785.59	1.501		
19,400.00	7,794.00	19,219.41	7,794.00	396.20	395.88	90.00	-81.79	-15,764.37	1,179.10	388.19	790.91	1.491 Level 3		
19,500.00	7,794.00	19,319.41	7,794.00	398.85	398.54	90.00	-81.67	-15,864.37	1,179.13	382.90	796.24	1.481 Level 3		
19,600.00	7,794.00	19,419.41	7,794.00	401.51	401.20	90.00	-81.55	-15,964.37	1,179.17	377.61	801.56	1.471 Level 3		
19,700.00	7,794.00	19,519.41	7,794.00	404.17	403.86	90.00	-81.42	-16,064.37	1,179.20	372.31	806.89	1.461 Level 3		
19,800.00	7,794.00	19,619.41	7,794.00	406.82	406.53	90.00	-81.30	-16,164.37	1,179.24	367.02	812.21	1.452 Level 3		
19,900.00	7,794.00	19,719.41	7,794.00	409.48	409.19	90.00	-81.18	-16,264.37	1,179.27	361.73	817.54	1.442 Level 3		
20,000.00	7,794.00	19,819.41	7,794.00	412.14	411.85	90.00	-81.05	-16,364.37	1,179.31	356.43	822.87	1.433 Level 3		
20,100.00	7,794.00	19,919.41	7,794.00	414.80	414.52	90.00	-80.93	-16,464.37	1,179.34	351.14	828.20	1.424 Level 3		
20,200.00	7,794.00	20,019.41	7,794.00	417.46	417.18	90.00	-80.80	-16,564.37	1,179.38	345.84	833.53	1.415 Level 3		
20,300.00	7,794.00	20,119.41	7,794.00	420.12	419.85	90.00	-80.68	-16,664.37	1,179.41	340.55	838.86	1.406 Level 3		
20,400.00	7,794.00	20,219.41	7,794.00	422.78	422.51	90.00	-80.56	-16,764.37	1,179.44	335.25	844.20	1.397 Level 3		
20,500.00	7,794.00	20,319.41	7,794.00	425.44	425.18	90.00	-80.43	-16,864.37	1,179.48	329.95	849.53	1.388 Level 3		
20,600.00	7,794.00	20,419.41	7,794.00	428.10	427.84	90.00	-80.31	-16,964.37	1,179.51	324.65	854.86	1.380 Level 3		
20,700.00	7,794.00	20,519.41	7,794.00	430.76	430.51	90.00	-80.19	-17,064.37	1,179.55	319.35	860.20	1.371 Level 3		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 3H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,794.00	20,619.41	7,794.00	433.42	433.18	90.00	-80.06	-17,164.37	1,179.58	314.05	865.53	1.363	Level 3	
20,900.00	7,794.00	20,719.41	7,794.00	436.08	435.84	90.00	-79.94	-17,264.37	1,179.62	308.75	870.87	1.355	Level 3	
21,000.00	7,794.00	20,819.41	7,794.00	438.74	438.51	90.00	-79.82	-17,364.37	1,179.65	303.45	876.21	1.346	Level 3	
21,100.00	7,794.00	20,919.41	7,794.00	441.41	441.18	90.00	-79.69	-17,464.37	1,179.69	298.15	881.54	1.338	Level 3	
21,200.00	7,794.00	21,019.41	7,794.00	444.07	443.85	90.00	-79.57	-17,564.37	1,179.72	292.84	886.88	1.330	Level 3	
21,300.00	7,794.00	21,119.41	7,794.00	446.74	446.52	90.00	-79.45	-17,664.37	1,179.76	287.54	892.22	1.322	Level 3	
21,400.00	7,794.00	21,219.41	7,794.00	449.40	449.18	90.00	-79.32	-17,764.37	1,179.79	282.23	897.56	1.314	Level 3	
21,500.00	7,794.00	21,319.41	7,794.00	452.06	451.85	90.00	-79.20	-17,864.37	1,179.83	276.93	902.90	1.307	Level 3	
21,600.00	7,794.00	21,419.41	7,794.00	454.73	454.52	90.00	-79.08	-17,964.37	1,179.86	271.62	908.24	1.299	Level 3	
21,700.00	7,794.00	21,519.41	7,794.00	457.39	457.19	90.00	-78.95	-18,064.37	1,179.90	266.31	913.58	1.292	Level 3	
21,800.00	7,794.00	21,619.41	7,794.00	460.06	459.86	90.00	-78.83	-18,164.37	1,179.93	261.01	918.92	1.284	Level 3	
21,900.00	7,794.00	21,719.41	7,794.00	462.73	462.53	90.00	-78.71	-18,264.37	1,179.97	255.70	924.27	1.277	Level 3	
22,000.00	7,794.00	21,819.41	7,794.00	465.39	465.21	90.00	-78.58	-18,364.37	1,180.00	250.39	929.61	1.269	Level 3	
22,100.00	7,794.00	21,919.41	7,794.00	468.06	467.88	90.00	-78.46	-18,464.37	1,180.04	245.08	934.96	1.262	Level 3	
22,200.00	7,794.00	22,019.41	7,794.00	470.73	470.55	90.00	-78.34	-18,564.37	1,180.07	239.77	940.30	1.255	Level 3	
22,300.00	7,794.00	22,119.41	7,794.00	473.40	473.22	90.00	-78.21	-18,664.37	1,180.11	234.46	945.65	1.248	Level 2	
22,400.00	7,794.00	22,219.41	7,794.00	476.06	475.89	90.00	-78.09	-18,764.37	1,180.14	229.15	950.99	1.241	Level 2	
22,500.00	7,794.00	22,319.41	7,794.00	478.73	478.56	90.00	-77.97	-18,864.37	1,180.18	223.84	956.34	1.234	Level 2	
22,600.00	7,794.00	22,419.41	7,794.00	481.40	481.24	90.00	-77.84	-18,964.37	1,180.21	218.53	961.68	1.227	Level 2	
22,700.00	7,794.00	22,519.41	7,794.00	484.07	483.91	90.00	-77.72	-19,064.37	1,180.24	213.21	967.03	1.220	Level 2	
22,800.00	7,794.00	22,619.41	7,794.00	486.74	486.58	90.00	-77.59	-19,164.37	1,180.28	207.90	972.38	1.214	Level 2	
22,900.00	7,794.00	22,719.41	7,794.00	489.41	489.26	90.00	-77.47	-19,264.37	1,180.31	202.59	977.73	1.207	Level 2	
23,000.00	7,794.00	22,819.41	7,794.00	492.08	491.93	90.00	-77.35	-19,364.37	1,180.35	197.27	983.08	1.201	Level 2	
23,100.00	7,794.00	22,919.41	7,794.00	494.75	494.61	90.00	-77.22	-19,464.37	1,180.38	191.96	988.43	1.194	Level 2	
23,200.00	7,794.00	23,019.41	7,794.00	497.42	497.28	90.00	-77.10	-19,564.37	1,180.42	186.64	993.78	1.188	Level 2	
23,300.00	7,794.00	23,119.41	7,794.00	500.09	499.95	90.00	-76.98	-19,664.37	1,180.45	181.33	999.13	1.181	Level 2	
23,400.00	7,794.00	23,219.41	7,794.00	502.76	502.63	90.00	-76.85	-19,764.37	1,180.49	176.01	1,004.48	1.175	Level 2	
23,500.00	7,794.00	23,319.41	7,794.00	505.43	505.30	90.00	-76.73	-19,864.37	1,180.52	170.69	1,009.83	1.169	Level 2	
23,600.00	7,794.00	23,419.41	7,794.00	508.10	507.98	90.00	-76.61	-19,964.37	1,180.56	165.38	1,015.18	1.163	Level 2	
23,700.00	7,794.00	23,519.41	7,794.00	510.78	510.66	90.00	-76.48	-20,064.37	1,180.59	160.06	1,020.53	1.157	Level 2	
23,800.00	7,794.00	23,619.41	7,794.00	513.45	513.33	90.00	-76.36	-20,164.37	1,180.63	154.74	1,025.89	1.151	Level 2	
23,900.00	7,794.00	23,719.41	7,794.00	516.12	516.01	90.00	-76.24	-20,264.37	1,180.66	149.42	1,031.24	1.145	Level 2	
24,000.00	7,794.00	23,819.41	7,794.00	518.79	518.68	90.00	-76.11	-20,364.37	1,180.70	144.10	1,036.59	1.139	Level 2	
24,100.00	7,794.00	23,919.41	7,794.00	521.47	521.36	90.00	-75.99	-20,464.37	1,180.73	138.78	1,041.95	1.133	Level 2	
24,200.00	7,794.00	24,019.41	7,794.00	524.14	524.04	90.00	-75.87	-20,564.37	1,180.77	133.46	1,047.30	1.127	Level 2	
24,300.00	7,794.00	24,119.41	7,794.00	526.81	526.71	90.00	-75.74	-20,664.37	1,180.80	128.14	1,052.66	1.122	Level 2	
24,400.00	7,794.00	24,219.41	7,794.00	529.49	529.39	90.00	-75.62	-20,764.37	1,180.84	122.82	1,058.01	1.116	Level 2	
24,500.00	7,794.00	24,319.41	7,794.00	532.16	532.07	90.00	-75.50	-20,864.37	1,180.87	117.50	1,063.37	1.110	Level 2	
24,600.00	7,794.00	24,419.41	7,794.00	534.84	534.75	90.00	-75.37	-20,964.37	1,180.91	112.18	1,068.73	1.105	Level 2	
24,700.00	7,794.00	24,519.41	7,794.00	537.51	537.42	90.00	-75.25	-21,064.37	1,180.94	106.86	1,074.08	1.099	Level 2	
24,800.00	7,794.00	24,619.41	7,794.00	540.19	540.10	90.00	-75.13	-21,164.37	1,180.97	101.53	1,079.44	1.094	Level 2	
24,900.00	7,794.00	24,719.41	7,794.00	542.86	542.78	90.00	-75.00	-21,264.37	1,181.01	96.21	1,084.80	1.089	Level 2	
25,000.00	7,794.00	24,819.41	7,794.00	545.54	545.46	90.00	-74.88	-21,364.37	1,181.04	90.89	1,090.16	1.083	Level 2	
25,100.00	7,794.00	24,919.41	7,794.00	548.21	548.14	90.00	-74.76	-21,464.37	1,181.08	85.57	1,095.51	1.078	Level 2	
25,200.00	7,794.00	25,019.41	7,794.00	550.89	550.82	90.00	-74.63	-21,564.37	1,181.11	80.24	1,100.87	1.073	Level 2	
25,300.00	7,794.00	25,119.41	7,794.00	553.56	553.49	90.00	-74.51	-21,664.37	1,181.15	74.92	1,106.23	1.068	Level 2	
25,400.00	7,794.00	25,219.41	7,794.00	556.24	556.17	90.00	-74.38	-21,764.37	1,181.18	69.59	1,111.59	1.063	Level 2	
25,500.00	7,794.00	25,319.41	7,794.00	558.92	558.85	90.00	-74.26	-21,864.37	1,181.22	64.27	1,116.95	1.058	Level 2	
25,600.00	7,794.00	25,419.41	7,794.00	561.59	561.53	90.00	-74.14	-21,964.37	1,181.25	58.94	1,122.31	1.053	Level 2	
25,700.00	7,794.00	25,519.41	7,794.00	564.27	564.21	90.00	-74.01	-22,064.37	1,181.29	53.62	1,127.67	1.048	Level 2	
25,800.00	7,794.00	25,619.41	7,794.00	566.95	566.89	90.00	-73.89	-22,164.37	1,181.32	48.29	1,133.03	1.043	Level 2	
25,900.00	7,794.00	25,719.41	7,794.00	569.62	569.57	90.00	-73.77	-22,264.37	1,181.36	42.96	1,138.39	1.038	Level 2	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 3H - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
26,000.00	7,794.00	25,819.41	7,794.00	572.30	572.25	90.00	-73.64	-22,364.37	1,181.39	37.64	1,143.75	1.033	Level 2
26,100.00	7,794.00	25,919.41	7,794.00	574.98	574.93	90.00	-73.52	-22,464.37	1,181.43	32.31	1,149.12	1.028	Level 2
26,200.00	7,794.00	26,019.41	7,794.00	577.66	577.61	90.00	-73.40	-22,564.37	1,181.46	26.98	1,154.48	1.023	Level 2
26,300.00	7,794.00	26,119.41	7,794.00	580.33	580.29	90.00	-73.27	-22,664.37	1,181.50	21.66	1,159.84	1.019	Level 2
26,400.00	7,794.00	26,219.41	7,794.00	583.01	582.98	90.00	-73.15	-22,764.37	1,181.53	16.33	1,165.20	1.014	Level 2
26,500.00	7,794.00	26,319.41	7,794.00	585.69	585.66	90.00	-73.03	-22,864.37	1,181.57	11.00	1,170.57	1.009	Level 2
26,600.00	7,794.00	26,419.41	7,794.00	588.37	588.34	90.00	-72.90	-22,964.37	1,181.60	5.67	1,175.93	1.005	Level 2
26,700.00	7,794.00	26,519.41	7,794.00	591.05	591.02	90.00	-72.78	-23,064.37	1,181.64	0.34	1,181.29	1.000	Level 2
26,800.00	7,794.00	26,619.41	7,794.00	593.73	593.70	90.00	-72.66	-23,164.37	1,181.67	-4.99	1,186.66	0.996	Level 1
26,900.00	7,794.00	26,719.77	7,794.00	596.40	596.39	90.00	-72.54	-23,264.72	1,181.70	-10.34	1,192.04	0.991	Level 1
26,921.37	7,794.00	26,741.13	7,794.00	596.98	596.96	90.00	-72.52	-23,286.09	1,181.70	-11.49	1,193.19	0.990	Level 1, ES, SF
26,932.55	7,794.00	26,742.19	7,794.00	597.28	596.99	90.00	-72.52	-23,287.15	1,181.74	-11.45	1,193.19	0.990	Level 1

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-33.20	16.76	-10.96	20.02					
100.00	100.00	100.00	100.00	0.27	0.27	-33.20	16.76	-10.96	20.02	19.49	0.54	37.241		
200.00	200.00	200.00	200.00	0.63	0.63	-33.20	16.76	-10.96	20.02	18.77	1.25	15.960		
300.00	300.00	300.00	300.00	0.99	0.99	-33.20	16.76	-10.96	20.02	18.05	1.97	10.157		
400.00	400.00	400.00	400.00	1.34	1.34	-33.20	16.76	-10.96	20.02	17.34	2.69	7.448 CC		
500.00	500.00	499.63	499.61	1.70	1.69	-37.37	16.61	-12.69	20.91	17.51	3.40	6.157		
600.00	599.98	599.12	598.96	2.05	2.04	54.07	16.18	-17.86	23.06	18.97	4.09	5.637		
700.00	699.84	698.48	697.94	2.40	2.40	48.61	15.47	-26.45	25.66	20.87	4.79	5.362		
800.00	799.45	797.73	796.46	2.76	2.78	44.56	14.48	-38.43	28.58	23.09	5.49	5.205		
900.00	898.70	896.86	894.37	3.13	3.17	41.62	13.20	-53.80	31.75	25.54	6.21	5.112		
1,000.00	997.47	995.87	991.58	3.53	3.60	39.54	11.65	-72.50	35.10	28.15	6.95	5.053		
1,100.00	1,095.62	1,094.77	1,087.98	3.95	4.06	38.13	9.83	-94.51	38.59	30.89	7.70	5.011		
1,200.00	1,193.06	1,193.54	1,183.43	4.41	4.56	37.22	7.73	-119.79	42.19	33.71	8.48	4.975		
1,300.00	1,289.64	1,292.21	1,277.85	4.91	5.10	36.71	5.36	-148.31	45.90	36.60	9.30	4.937		
1,400.00	1,385.27	1,390.75	1,371.12	5.45	5.69	36.51	2.74	-180.00	49.69	39.54	10.15	4.895		
1,500.00	1,479.82	1,489.19	1,463.14	6.04	6.33	36.55	-0.15	-214.84	53.57	42.51	11.06	4.844		
1,600.00	1,573.17	1,587.51	1,553.80	6.69	7.03	36.79	-3.30	-252.75	57.52	45.50	12.02	4.784		
1,700.00	1,665.21	1,685.73	1,643.00	7.39	7.80	37.19	-6.70	-293.70	61.55	48.49	13.06	4.713		
1,800.00	1,755.84	1,783.84	1,730.64	8.16	8.62	37.70	-10.34	-337.63	65.66	51.48	14.18	4.630		
1,900.00	1,844.94	1,881.84	1,816.64	9.00	9.52	38.32	-14.22	-384.46	69.83	54.44	15.39	4.537		
2,000.00	1,932.39	1,979.74	1,900.89	9.91	10.48	39.01	-18.35	-434.15	74.09	57.38	16.71	4.434		
2,100.00	2,018.11	2,077.54	1,983.30	10.89	11.51	39.77	-22.70	-486.61	78.41	60.27	18.14	4.322		
2,200.00	2,101.97	2,175.24	2,063.78	11.94	12.61	40.58	-27.28	-541.80	82.81	63.11	19.70	4.204		
2,300.00	2,183.88	2,272.84	2,142.26	13.08	13.79	41.43	-32.07	-599.63	87.29	65.90	21.39	4.080		
2,400.00	2,263.74	2,370.35	2,218.64	14.28	15.04	42.30	-37.08	-660.03	91.84	68.61	23.23	3.953		
2,500.00	2,341.45	2,467.77	2,292.85	15.57	16.36	43.20	-42.30	-722.93	96.47	71.25	25.22	3.825		
2,600.00	2,416.92	2,565.11	2,364.80	16.93	17.75	44.12	-47.72	-788.24	101.17	73.80	27.37	3.696		
2,700.00	2,490.05	2,662.36	2,434.43	18.37	19.22	45.04	-53.33	-855.90	105.95	76.27	29.68	3.570		
2,800.00	2,560.76	2,759.53	2,501.66	19.88	20.76	45.97	-59.13	-925.81	110.81	78.65	32.16	3.445		
2,900.00	2,628.95	2,856.62	2,566.42	21.48	22.37	46.91	-65.11	-997.89	115.74	80.93	34.81	3.325		
3,000.00	2,694.55	2,953.63	2,628.64	23.15	24.04	47.84	-71.26	-1,072.07	120.74	83.11	37.63	3.209		
3,100.00	2,757.48	3,050.58	2,688.27	24.89	25.79	48.77	-77.58	-1,148.24	125.81	85.19	40.62	3.097		
3,200.00	2,817.66	3,147.88	2,745.48	26.70	27.60	49.70	-84.08	-1,226.67	130.96	87.16	43.80	2.990		
3,300.00	2,875.03	3,247.29	2,802.56	28.58	29.50	51.19	-90.81	-1,307.78	135.08	87.57	47.51	2.843		
3,400.00	2,931.24	3,347.13	2,859.88	30.50	31.42	53.12	-97.57	-1,389.24	138.44	86.87	51.57	2.685		
3,500.00	2,987.46	3,446.97	2,917.21	32.43	33.35	54.95	-104.33	-1,470.70	141.96	86.26	55.70	2.549		
3,600.00	3,043.67	3,546.80	2,974.53	34.37	35.28	56.69	-111.08	-1,552.16	145.61	85.72	59.89	2.431		
3,700.00	3,099.88	3,646.64	3,031.86	36.32	37.23	58.34	-117.84	-1,633.62	149.39	85.27	64.12	2.330		
3,800.00	3,156.09	3,746.48	3,089.18	38.27	39.18	59.91	-124.60	-1,715.08	153.28	84.90	68.38	2.242		
3,900.00	3,212.31	3,846.32	3,146.51	40.23	41.13	61.41	-131.35	-1,796.54	157.29	84.62	72.67	2.164		
4,000.00	3,268.52	3,946.16	3,203.83	42.20	43.09	62.82	-138.11	-1,878.00	161.40	84.42	76.98	2.097		
4,100.00	3,324.73	4,045.99	3,261.16	44.17	45.06	64.17	-144.87	-1,959.46	165.60	84.31	81.29	2.037		
4,200.00	3,380.94	4,145.83	3,318.48	46.15	47.02	65.45	-151.62	-2,040.92	169.89	84.27	85.62	1.984		
4,300.00	3,437.16	4,245.67	3,375.81	48.12	48.99	66.67	-158.38	-2,122.38	174.26	84.32	89.94	1.937		
4,400.00	3,493.37	4,345.51	3,433.14	50.11	50.96	67.82	-165.14	-2,203.84	178.70	84.44	94.27	1.896		
4,500.00	3,549.58	4,445.34	3,490.46	52.09	52.94	68.92	-171.90	-2,285.30	183.22	84.63	98.59	1.858		
4,600.00	3,605.79	4,545.18	3,547.79	54.08	54.92	69.97	-178.65	-2,366.76	187.79	84.89	102.90	1.825		
4,700.00	3,662.01	4,645.02	3,605.11	56.07	56.89	70.96	-185.41	-2,448.22	192.43	85.22	107.21	1.795		
4,800.00	3,718.22	4,744.86	3,662.44	58.06	58.87	71.91	-192.17	-2,529.68	197.12	85.61	111.51	1.768		
4,900.00	3,774.43	4,844.70	3,719.76	60.05	60.85	72.82	-198.92	-2,611.14	201.87	86.06	115.81	1.743		
5,000.00	3,830.65	4,944.53	3,777.09	62.04	62.84	73.68	-205.68	-2,692.60	206.66	86.57	120.09	1.721		
5,100.00	3,886.86	5,044.37	3,834.41	64.04	64.82	74.51	-212.44	-2,774.06	211.50	87.14	124.36	1.701		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 4H - 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	3,943.07	5,144.21	3,891.74	66.03	66.81	75.29	-219.19	-2,855.52	216.38	87.75	128.62	1.682		
5,300.00	3,999.28	5,244.05	3,949.06	68.03	68.79	76.05	-225.95	-2,936.98	221.29	88.42	132.87	1.665		
5,400.00	4,055.50	5,343.88	4,006.39	70.03	70.78	76.76	-232.71	-3,018.44	226.25	89.13	137.11	1.650		
5,500.00	4,111.71	5,443.72	4,063.71	72.03	72.77	77.45	-239.46	-3,099.90	231.23	89.89	141.34	1.636		
5,600.00	4,167.92	5,543.56	4,121.04	74.03	74.75	78.11	-246.22	-3,181.36	236.25	90.69	145.56	1.623		
5,700.00	4,224.13	5,643.40	4,178.36	76.03	76.74	78.74	-252.98	-3,262.82	241.30	91.53	149.77	1.611		
5,800.00	4,280.35	5,743.24	4,235.69	78.03	78.73	79.35	-259.74	-3,344.28	246.38	92.41	153.97	1.600		
5,900.00	4,336.56	5,843.07	4,293.01	80.04	80.72	79.93	-266.49	-3,425.74	251.49	93.32	158.16	1.590		
6,000.00	4,392.77	5,942.91	4,350.34	82.04	82.71	80.49	-273.25	-3,507.21	256.62	94.27	162.34	1.581		
6,100.00	4,448.98	6,042.75	4,407.66	84.04	84.71	81.03	-280.01	-3,588.67	261.77	95.25	166.51	1.572		
6,200.00	4,505.20	6,142.59	4,464.99	86.05	86.70	81.54	-286.76	-3,670.13	266.94	96.27	170.68	1.564		
6,300.00	4,561.41	6,242.42	4,522.31	88.05	88.69	82.04	-293.52	-3,751.59	272.14	97.31	174.83	1.557		
6,400.00	4,617.62	6,342.26	4,579.64	90.06	90.68	82.51	-300.28	-3,833.05	277.35	98.38	178.98	1.550		
6,500.00	4,673.83	6,442.10	4,636.96	92.07	92.68	82.97	-307.03	-3,914.51	282.59	99.47	183.11	1.543		
6,600.00	4,730.05	6,541.94	4,694.29	94.07	94.67	83.42	-313.79	-3,995.97	287.84	100.59	187.24	1.537		
6,700.00	4,786.26	6,641.77	4,751.61	96.08	96.66	83.84	-320.55	-4,077.43	293.10	101.74	191.37	1.532		
6,800.00	4,842.47	6,741.61	4,808.94	98.09	98.66	84.26	-327.31	-4,158.89	298.39	102.91	195.48	1.526		
6,900.00	4,898.68	6,841.45	4,866.26	100.09	100.65	84.65	-334.06	-4,240.35	303.68	104.10	199.59	1.522		
7,000.00	4,954.90	6,941.29	4,923.59	102.10	102.65	85.04	-340.82	-4,321.81	309.00	105.31	203.69	1.517		
7,100.00	5,011.11	7,041.13	4,980.91	104.11	104.64	85.41	-347.58	-4,403.27	314.32	106.54	207.78	1.513		
7,200.00	5,067.32	7,140.96	5,038.24	106.12	106.64	85.77	-354.33	-4,484.73	319.66	107.79	211.87	1.509		
7,300.00	5,123.53	7,240.80	5,095.56	108.13	108.63	86.11	-361.09	-4,566.19	325.01	109.05	215.96	1.505		
7,400.00	5,179.75	7,340.64	5,152.89	110.14	110.63	86.45	-367.85	-4,647.65	330.37	110.34	220.03	1.501		
7,500.00	5,235.96	7,440.48	5,210.21	112.15	112.63	86.77	-374.60	-4,729.11	335.74	111.64	224.10	1.498 Level 3		
7,600.00	5,292.17	7,540.31	5,267.54	114.16	114.62	87.09	-381.36	-4,810.57	341.13	112.96	228.17	1.495 Level 3		
7,700.00	5,348.38	7,640.15	5,324.86	116.17	116.62	87.39	-388.12	-4,892.03	346.52	114.29	232.23	1.492 Level 3		
7,800.00	5,404.60	7,739.99	5,382.19	118.18	118.62	87.69	-394.87	-4,973.49	351.92	115.63	236.29	1.489 Level 3		
7,900.00	5,460.81	7,839.83	5,439.51	120.19	120.61	87.98	-401.63	-5,054.95	357.33	116.99	240.34	1.487 Level 3		
8,000.00	5,517.02	7,939.67	5,496.84	122.20	122.61	88.25	-408.39	-5,136.41	362.75	118.37	244.39	1.484 Level 3		
8,100.00	5,573.24	8,039.50	5,554.16	124.21	124.61	88.52	-415.15	-5,217.87	368.18	119.75	248.43	1.482 Level 3		
8,200.00	5,629.45	8,139.34	5,611.49	126.22	126.61	88.79	-421.90	-5,299.33	373.62	121.15	252.47	1.480 Level 3		
8,300.00	5,685.66	8,239.18	5,668.81	128.23	128.60	89.04	-428.66	-5,380.79	379.06	122.56	256.50	1.478 Level 3		
8,400.00	5,741.87	8,339.02	5,726.14	130.24	130.60	89.29	-435.42	-5,462.25	384.51	123.98	260.53	1.476 Level 3		
8,500.00	5,798.09	8,438.85	5,783.46	132.25	132.60	89.53	-442.17	-5,543.71	389.97	125.41	264.56	1.474 Level 3		
8,600.00	5,854.30	8,538.69	5,840.79	134.26	134.60	89.76	-448.93	-5,625.17	395.44	126.85	268.58	1.472 Level 3		
8,700.00	5,910.51	8,638.53	5,898.11	136.28	136.60	89.99	-455.69	-5,706.63	400.91	128.30	272.60	1.471 Level 3		
8,800.00	5,966.72	8,738.37	5,955.44	138.29	138.59	90.21	-462.44	-5,788.09	406.38	129.76	276.62	1.469 Level 3		
8,900.00	6,022.94	8,838.21	6,012.76	140.30	140.59	90.43	-469.20	-5,869.55	411.87	131.23	280.63	1.468 Level 3		
9,000.00	6,079.15	8,938.04	6,070.09	142.31	142.59	90.64	-475.96	-5,951.01	417.36	132.71	284.64	1.466 Level 3		
9,100.00	6,135.36	9,037.88	6,127.41	144.32	144.59	90.84	-482.72	-6,032.47	422.85	134.20	288.65	1.465 Level 3		
9,200.00	6,191.57	9,137.72	6,184.74	146.34	146.59	91.04	-489.47	-6,113.93	428.35	135.69	292.66	1.464 Level 3		
9,300.00	6,247.79	9,237.56	6,242.06	148.35	148.59	91.23	-496.23	-6,195.39	433.85	137.20	296.66	1.462 Level 3		
9,400.00	6,304.00	9,337.39	6,299.39	150.36	150.59	91.42	-502.99	-6,276.85	439.36	138.71	300.66	1.461 Level 3		
9,500.00	6,360.21	9,437.23	6,356.71	152.37	152.58	91.61	-509.74	-6,358.31	444.88	140.22	304.65	1.460 Level 3		
9,600.00	6,416.42	9,537.07	6,414.04	154.39	154.58	91.79	-516.50	-6,439.77	450.39	141.75	308.65	1.459 Level 3		
9,700.00	6,472.64	9,636.91	6,471.36	156.40	156.58	91.96	-523.26	-6,521.23	455.92	143.28	312.64	1.458 Level 3		
9,800.00	6,528.85	9,736.75	6,528.69	158.41	158.58	92.13	-530.01	-6,602.69	461.44	144.82	316.63	1.457 Level 3		
9,900.00	6,585.06	9,836.58	6,586.01	160.42	160.58	92.30	-536.77	-6,684.15	466.97	146.36	320.61	1.457 Level 3		
10,000.00	6,641.27	9,936.42	6,643.34	162.44	162.58	92.46	-543.53	-6,765.61	472.51	147.91	324.60	1.456 Level 3		
10,100.00	6,697.49	10,036.26	6,700.66	164.45	164.58	92.62	-550.28	-6,847.07	478.05	149.47	328.58	1.455 Level 3		
10,200.00	6,753.70	10,136.10	6,757.99	166.46	166.58	92.78	-557.04	-6,928.53	483.59	151.03	332.56	1.454 Level 3		
10,300.00	6,809.91	10,235.93	6,815.31	168.48	168.58	92.93	-563.80	-7,009.99	489.14	152.60	336.54	1.453 Level 3		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	6,866.12	10,335.77	6,872.64	170.49	170.58	93.08	-570.56	-7,091.45	494.68	154.17	340.51	1.453	Level 3
10,500.00	6,922.34	10,435.61	6,929.96	172.50	172.58	93.23	-577.31	-7,172.91	500.24	155.75	344.49	1.452	Level 3
10,600.00	6,978.55	10,535.45	6,987.29	174.52	174.58	93.37	-584.07	-7,254.37	505.79	157.33	348.46	1.452	Level 3
10,700.00	7,034.76	10,635.29	7,044.61	176.53	176.58	93.51	-590.83	-7,335.83	511.35	158.92	352.43	1.451	Level 3
10,800.00	7,090.98	10,735.12	7,101.94	178.54	178.58	93.64	-597.58	-7,417.29	516.91	160.51	356.40	1.450	Level 3
10,900.00	7,147.19	10,834.96	7,159.26	180.56	180.58	93.78	-604.34	-7,498.75	522.48	162.11	360.37	1.450	Level 3
11,000.00	7,203.40	10,934.80	7,216.59	182.57	182.58	93.91	-611.10	-7,580.21	528.04	163.71	364.33	1.449	Level 3
11,100.00	7,259.61	11,034.64	7,273.91	184.58	184.58	94.04	-617.85	-7,661.67	533.61	165.32	368.30	1.449	Level 3
11,200.00	7,315.83	11,134.47	7,331.24	186.60	186.58	94.16	-624.61	-7,743.14	539.18	166.93	372.26	1.448	Level 3
11,300.00	7,372.04	11,234.31	7,388.56	188.61	188.58	94.28	-631.37	-7,824.60	544.76	168.54	376.22	1.448	Level 3
11,400.00	7,428.25	11,334.15	7,445.89	190.63	190.58	94.40	-638.13	-7,906.06	550.34	170.16	380.18	1.448	Level 3
11,500.00	7,484.46	11,433.99	7,503.21	192.64	192.58	94.52	-644.88	-7,987.52	555.92	171.78	384.14	1.447	Level 3
11,600.00	7,540.68	11,533.83	7,560.54	194.65	194.58	94.64	-651.64	-8,068.98	561.50	173.40	388.10	1.447	Level 3
11,700.00	7,596.89	11,633.66	7,617.86	196.67	196.58	94.75	-658.40	-8,150.44	567.08	175.03	392.05	1.446	Level 3
11,800.00	7,653.10	11,733.50	7,675.19	198.68	198.58	94.86	-665.15	-8,231.90	572.67	176.66	396.01	1.446	Level 3
11,900.00	7,708.64	11,826.42	7,725.14	200.71	200.52	93.94	-671.03	-8,309.94	578.55	178.66	399.90	1.447	Level 3
12,000.00	7,753.02	11,916.44	7,761.43	202.96	202.61	91.83	-675.28	-8,392.11	583.56	179.57	403.99	1.444	Level 3
12,100.00	7,781.64	12,005.97	7,784.42	205.41	204.84	90.56	-677.93	-8,478.50	586.83	178.66	408.17	1.438	Level 3
12,200.00	7,793.64	12,095.22	7,793.78	207.95	207.12	90.02	-678.95	-8,567.16	588.24	175.97	412.27	1.427	Level 3
12,300.00	7,794.00	12,193.26	7,794.00	210.49	209.63	90.00	-678.88	-8,665.21	588.31	171.10	417.21	1.410	Level 3
12,400.00	7,794.00	12,293.26	7,794.00	213.04	212.19	90.00	-678.77	-8,765.21	588.33	165.98	422.35	1.393	Level 3
12,500.00	7,794.00	12,393.26	7,794.00	215.58	214.75	90.00	-678.66	-8,865.21	588.34	160.85	427.49	1.376	Level 3
12,600.00	7,794.00	12,493.26	7,794.00	218.14	217.32	90.00	-678.56	-8,965.21	588.36	155.72	432.65	1.360	Level 3
12,700.00	7,794.00	12,593.26	7,794.00	220.69	219.89	90.00	-678.45	-9,065.21	588.38	150.58	437.80	1.344	Level 3
12,800.00	7,794.00	12,693.26	7,794.00	223.25	222.46	90.00	-678.35	-9,165.21	588.40	145.43	442.97	1.328	Level 3
12,900.00	7,794.00	12,793.26	7,794.00	225.81	225.04	90.00	-678.24	-9,265.21	588.41	140.28	448.14	1.313	Level 3
13,000.00	7,794.00	12,893.26	7,794.00	228.37	227.62	90.00	-678.13	-9,365.21	588.43	135.12	453.31	1.298	Level 3
13,100.00	7,794.00	12,993.26	7,794.00	230.94	230.20	90.00	-678.03	-9,465.21	588.45	129.96	458.49	1.283	Level 3
13,200.00	7,794.00	13,093.26	7,794.00	233.51	232.78	90.00	-677.92	-9,565.21	588.47	124.79	463.68	1.269	Level 3
13,300.00	7,794.00	13,193.26	7,794.00	236.08	235.37	90.00	-677.82	-9,665.21	588.48	119.62	468.86	1.255	Level 3
13,400.00	7,794.00	13,293.26	7,794.00	238.66	237.96	90.00	-677.71	-9,765.21	588.50	114.44	474.06	1.241	Level 2
13,500.00	7,794.00	13,393.26	7,794.00	241.24	240.55	90.00	-677.60	-9,865.21	588.52	109.26	479.26	1.228	Level 2
13,600.00	7,794.00	13,493.26	7,794.00	243.82	243.14	90.00	-677.50	-9,965.20	588.54	104.08	484.46	1.215	Level 2
13,700.00	7,794.00	13,593.26	7,794.00	246.40	245.74	90.00	-677.39	-10,065.20	588.55	98.89	489.67	1.202	Level 2
13,800.00	7,794.00	13,693.26	7,794.00	248.99	248.33	90.00	-677.29	-10,165.20	588.57	93.69	494.88	1.189	Level 2
13,900.00	7,794.00	13,793.26	7,794.00	251.58	250.93	90.00	-677.18	-10,265.20	588.59	88.49	500.09	1.177	Level 2
14,000.00	7,794.00	13,893.26	7,794.00	254.17	253.54	90.00	-677.07	-10,365.20	588.61	83.29	505.31	1.165	Level 2
14,100.00	7,794.00	13,993.26	7,794.00	256.76	256.14	90.00	-676.97	-10,465.20	588.62	78.09	510.53	1.153	Level 2
14,200.00	7,794.00	14,093.26	7,794.00	259.36	258.75	90.00	-676.86	-10,565.20	588.64	72.88	515.76	1.141	Level 2
14,300.00	7,794.00	14,193.26	7,794.00	261.95	261.35	90.00	-676.76	-10,665.20	588.66	67.67	520.99	1.130	Level 2
14,400.00	7,794.00	14,293.26	7,794.00	264.55	263.96	90.00	-676.65	-10,765.20	588.67	62.45	526.22	1.119	Level 2
14,500.00	7,794.00	14,393.26	7,794.00	267.15	266.58	90.00	-676.54	-10,865.20	588.69	57.23	531.46	1.108	Level 2
14,600.00	7,794.00	14,493.26	7,794.00	269.76	269.19	90.00	-676.44	-10,965.20	588.71	52.01	536.70	1.097	Level 2
14,700.00	7,794.00	14,593.26	7,794.00	272.36	271.80	90.00	-676.33	-11,065.20	588.73	46.79	541.94	1.086	Level 2
14,800.00	7,794.00	14,693.26	7,794.00	274.97	274.42	90.00	-676.23	-11,165.20	588.74	41.56	547.18	1.076	Level 2
14,900.00	7,794.00	14,793.26	7,794.00	277.58	277.04	90.00	-676.12	-11,265.20	588.76	36.33	552.43	1.066	Level 2
15,000.00	7,794.00	14,893.26	7,794.00	280.19	279.66	90.00	-676.01	-11,365.20	588.78	31.10	557.68	1.056	Level 2
15,100.00	7,794.00	14,993.26	7,794.00	282.80	282.28	90.00	-675.91	-11,465.20	588.80	25.86	562.94	1.046	Level 2
15,200.00	7,794.00	15,093.26	7,794.00	285.41	284.90	90.00	-675.80	-11,565.20	588.81	20.62	568.19	1.036	Level 2
15,300.00	7,794.00	15,193.26	7,794.00	288.03	287.53	90.00	-675.69	-11,665.20	588.83	15.38	573.45	1.027	Level 2
15,400.00	7,794.00	15,293.26	7,794.00	290.64	290.15	90.00	-675.59	-11,765.20	588.85	10.13	578.71	1.018	Level 2
15,500.00	7,794.00	15,393.26	7,794.00	293.26	292.78	90.00	-675.48	-11,865.20	588.87	4.89	583.98	1.008	Level 2

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1													Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	7,794.00	15,493.26	7,794.00	295.88	295.41	90.00	-675.38	-11,965.20	588.88	-0.36	589.24	0.999	Level 1	
15,700.00	7,794.00	15,593.26	7,794.00	298.50	298.03	90.00	-675.27	-12,065.20	588.90	-5.61	594.51	0.991	Level 1	
15,800.00	7,794.00	15,693.26	7,794.00	301.12	300.66	90.00	-675.16	-12,165.20	588.92	-10.87	599.78	0.982	Level 1	
15,900.00	7,794.00	15,793.26	7,794.00	303.75	303.30	90.00	-675.06	-12,265.20	588.94	-16.12	605.06	0.973	Level 1	
16,000.00	7,794.00	15,893.26	7,794.00	306.37	305.93	90.00	-674.95	-12,365.20	588.95	-21.38	610.33	0.965	Level 1	
16,100.00	7,794.00	15,993.26	7,794.00	309.00	308.56	90.00	-674.85	-12,465.20	588.97	-26.64	615.61	0.957	Level 1	
16,200.00	7,794.00	16,093.26	7,794.00	311.62	311.20	90.00	-674.74	-12,565.20	588.99	-31.90	620.89	0.949	Level 1	
16,300.00	7,794.00	16,193.26	7,794.00	314.25	313.83	90.00	-674.63	-12,665.20	589.00	-37.17	626.17	0.941	Level 1	
16,400.00	7,794.00	16,293.26	7,794.00	316.88	316.47	90.00	-674.53	-12,765.20	589.02	-42.43	631.45	0.933	Level 1	
16,500.00	7,794.00	16,393.26	7,794.00	319.51	319.11	90.00	-674.42	-12,865.20	589.04	-47.70	636.74	0.925	Level 1	
16,600.00	7,794.00	16,493.26	7,794.00	322.15	321.75	90.00	-674.32	-12,965.20	589.06	-52.97	642.03	0.917	Level 1	
16,700.00	7,794.00	16,593.26	7,794.00	324.78	324.39	90.00	-674.21	-13,065.20	589.07	-58.24	647.31	0.910	Level 1	
16,800.00	7,794.00	16,693.26	7,794.00	327.41	327.03	90.00	-674.10	-13,165.20	589.09	-63.51	652.61	0.903	Level 1	
16,900.00	7,794.00	16,793.26	7,794.00	330.05	329.67	90.00	-674.00	-13,265.20	589.11	-68.79	657.90	0.895	Level 1	
17,000.00	7,794.00	16,893.26	7,794.00	332.68	332.31	90.00	-673.89	-13,365.20	589.13	-74.06	663.19	0.888	Level 1	
17,100.00	7,794.00	16,993.26	7,794.00	335.32	334.96	90.00	-673.79	-13,465.20	589.14	-79.34	668.49	0.881	Level 1	
17,200.00	7,794.00	17,093.26	7,794.00	337.96	337.60	90.00	-673.68	-13,565.20	589.16	-84.62	673.78	0.874	Level 1	
17,300.00	7,794.00	17,193.26	7,794.00	340.60	340.25	90.00	-673.57	-13,665.20	589.18	-89.90	679.08	0.868	Level 1	
17,400.00	7,794.00	17,293.26	7,794.00	343.24	342.89	90.00	-673.47	-13,765.20	589.20	-95.19	684.38	0.861	Level 1	
17,500.00	7,794.00	17,393.26	7,794.00	345.88	345.54	90.00	-673.36	-13,865.20	589.21	-100.47	689.68	0.854	Level 1	
17,600.00	7,794.00	17,493.26	7,794.00	348.52	348.19	90.00	-673.25	-13,965.20	589.23	-105.76	694.99	0.848	Level 1	
17,700.00	7,794.00	17,593.26	7,794.00	351.16	350.84	90.00	-673.15	-14,065.20	589.25	-111.04	700.29	0.841	Level 1	
17,800.00	7,794.00	17,693.26	7,794.00	353.81	353.49	90.00	-673.04	-14,165.20	589.27	-116.33	705.60	0.835	Level 1	
17,900.00	7,794.00	17,793.26	7,794.00	356.45	356.14	90.00	-672.94	-14,265.20	589.28	-121.62	710.91	0.829	Level 1	
18,000.00	7,794.00	17,893.26	7,794.00	359.09	358.79	90.00	-672.83	-14,365.20	589.30	-126.91	716.21	0.823	Level 1	
18,100.00	7,794.00	17,993.26	7,794.00	361.74	361.44	90.00	-672.72	-14,465.20	589.32	-132.21	721.52	0.817	Level 1	
18,200.00	7,794.00	18,093.26	7,794.00	364.39	364.09	90.00	-672.62	-14,565.20	589.34	-137.50	726.84	0.811	Level 1	
18,300.00	7,794.00	18,193.26	7,794.00	367.03	366.74	90.00	-672.51	-14,665.20	589.35	-142.80	732.15	0.805	Level 1	
18,400.00	7,794.00	18,293.26	7,794.00	369.68	369.40	90.00	-672.41	-14,765.20	589.37	-148.09	737.46	0.799	Level 1	
18,500.00	7,794.00	18,393.26	7,794.00	372.33	372.05	90.00	-672.30	-14,865.20	589.39	-153.39	742.78	0.793	Level 1	
18,600.00	7,794.00	18,493.26	7,794.00	374.98	374.71	90.00	-672.19	-14,965.20	589.40	-158.69	748.09	0.788	Level 1	
18,700.00	7,794.00	18,593.26	7,794.00	377.63	377.36	90.00	-672.09	-15,065.20	589.42	-163.99	753.41	0.782	Level 1	
18,800.00	7,794.00	18,693.26	7,794.00	380.28	380.02	90.00	-671.98	-15,165.20	589.44	-169.29	758.73	0.777	Level 1	
18,900.00	7,794.00	18,793.26	7,794.00	382.93	382.67	90.00	-671.88	-15,265.20	589.46	-174.59	764.05	0.771	Level 1	
19,000.00	7,794.00	18,893.26	7,794.00	385.58	385.33	90.00	-671.77	-15,365.20	589.47	-179.89	769.37	0.766	Level 1	
19,100.00	7,794.00	18,993.26	7,794.00	388.24	387.99	90.00	-671.66	-15,465.20	589.49	-185.20	774.69	0.761	Level 1	
19,200.00	7,794.00	19,093.26	7,794.00	390.89	390.65	90.00	-671.56	-15,565.20	589.51	-190.50	780.01	0.756	Level 1	
19,300.00	7,794.00	19,193.26	7,794.00	393.55	393.30	90.00	-671.45	-15,665.20	589.53	-195.81	785.33	0.751	Level 1	
19,400.00	7,794.00	19,293.26	7,794.00	396.20	395.96	90.00	-671.35	-15,765.20	589.54	-201.12	790.66	0.746	Level 1	
19,500.00	7,794.00	19,393.26	7,794.00	398.85	398.62	90.00	-671.24	-15,865.20	589.56	-206.42	795.98	0.741	Level 1	
19,600.00	7,794.00	19,493.26	7,794.00	401.51	401.28	90.00	-671.13	-15,965.20	589.58	-211.73	801.31	0.736	Level 1	
19,700.00	7,794.00	19,593.26	7,794.00	404.17	403.94	90.00	-671.03	-16,065.20	589.60	-217.04	806.64	0.731	Level 1	
19,800.00	7,794.00	19,693.26	7,794.00	406.82	406.61	90.00	-670.92	-16,165.20	589.61	-222.35	811.97	0.726	Level 1	
19,900.00	7,794.00	19,793.26	7,794.00	409.48	409.27	90.00	-670.82	-16,265.20	589.63	-227.66	817.30	0.721	Level 1	
20,000.00	7,794.00	19,893.26	7,794.00	412.14	411.93	90.00	-670.71	-16,365.20	589.65	-232.98	822.63	0.717	Level 1	
20,100.00	7,794.00	19,993.26	7,794.00	414.80	414.59	90.00	-670.60	-16,465.20	589.67	-238.29	827.96	0.712	Level 1	
20,200.00	7,794.00	20,093.26	7,794.00	417.46	417.26	90.00	-670.50	-16,565.20	589.68	-243.60	833.29	0.708	Level 1	
20,300.00	7,794.00	20,193.26	7,794.00	420.12	419.92	90.00	-670.39	-16,665.20	589.70	-248.92	838.62	0.703	Level 1	
20,400.00	7,794.00	20,293.26	7,794.00	422.78	422.58	90.00	-670.28	-16,765.20	589.72	-254.24	843.95	0.699	Level 1	
20,500.00	7,794.00	20,393.26	7,794.00	425.44	425.25	90.00	-670.18	-16,865.20	589.73	-259.55	849.29	0.694	Level 1	
20,600.00	7,794.00	20,493.26	7,794.00	428.10	427.91	90.00	-670.07	-16,965.20	589.75	-264.87	854.62	0.690	Level 1	
20,700.00	7,794.00	20,593.26	7,794.00	430.76	430.58	90.00	-669.97	-17,065.20	589.77	-270.19	859.96	0.686	Level 1	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,800.00	7,794.00	20,693.26	7,794.00	433.42	433.24	90.00	-669.86	-17,165.20	589.79	-275.51	865.29	0.682	Level 1	
20,900.00	7,794.00	20,793.26	7,794.00	436.08	435.91	90.00	-669.75	-17,265.20	589.80	-280.83	870.63	0.677	Level 1	
21,000.00	7,794.00	20,893.26	7,794.00	438.74	438.58	90.00	-669.65	-17,365.20	589.82	-286.15	875.97	0.673	Level 1	
21,100.00	7,794.00	20,993.26	7,794.00	441.41	441.24	90.00	-669.54	-17,465.20	589.84	-291.47	881.31	0.669	Level 1	
21,200.00	7,794.00	21,093.26	7,794.00	444.07	443.91	90.00	-669.44	-17,565.20	589.86	-296.79	886.65	0.665	Level 1	
21,300.00	7,794.00	21,193.26	7,794.00	446.74	446.58	90.00	-669.33	-17,665.20	589.87	-302.11	891.99	0.661	Level 1	
21,400.00	7,794.00	21,293.26	7,794.00	449.40	449.25	90.00	-669.22	-17,765.20	589.89	-307.44	897.33	0.657	Level 1	
21,500.00	7,794.00	21,393.26	7,794.00	452.06	451.91	90.00	-669.12	-17,865.20	589.91	-312.76	902.67	0.654	Level 1	
21,600.00	7,794.00	21,493.26	7,794.00	454.73	454.58	90.00	-669.01	-17,965.20	589.93	-318.08	908.01	0.650	Level 1	
21,700.00	7,794.00	21,593.26	7,794.00	457.39	457.25	90.00	-668.91	-18,065.20	589.94	-323.41	913.35	0.646	Level 1	
21,800.00	7,794.00	21,693.26	7,794.00	460.06	459.92	90.00	-668.80	-18,165.20	589.96	-328.73	918.69	0.642	Level 1	
21,900.00	7,794.00	21,793.26	7,794.00	462.73	462.59	90.00	-668.69	-18,265.20	589.98	-334.06	924.04	0.638	Level 1	
22,000.00	7,794.00	21,893.26	7,794.00	465.39	465.26	90.00	-668.59	-18,365.20	590.00	-339.39	929.38	0.635	Level 1	
22,100.00	7,794.00	21,993.26	7,794.00	468.06	467.93	90.00	-668.48	-18,465.20	590.01	-344.71	934.73	0.631	Level 1	
22,200.00	7,794.00	22,093.26	7,794.00	470.73	470.60	90.00	-668.38	-18,565.20	590.03	-350.04	940.07	0.628	Level 1	
22,300.00	7,794.00	22,193.26	7,794.00	473.40	473.27	90.00	-668.27	-18,665.20	590.05	-355.37	945.42	0.624	Level 1	
22,400.00	7,794.00	22,293.26	7,794.00	476.06	475.95	90.00	-668.16	-18,765.20	590.07	-360.70	950.77	0.621	Level 1	
22,500.00	7,794.00	22,393.26	7,794.00	478.73	478.62	90.00	-668.06	-18,865.20	590.08	-366.03	956.11	0.617	Level 1	
22,600.00	7,794.00	22,493.26	7,794.00	481.40	481.29	90.00	-667.95	-18,965.20	590.10	-371.36	961.46	0.614	Level 1	
22,700.00	7,794.00	22,593.26	7,794.00	484.07	483.96	90.00	-667.85	-19,065.20	590.12	-376.69	966.81	0.610	Level 1	
22,800.00	7,794.00	22,693.26	7,794.00	486.74	486.63	90.00	-667.74	-19,165.20	590.13	-382.02	972.16	0.607	Level 1	
22,900.00	7,794.00	22,793.26	7,794.00	489.41	489.31	90.00	-667.63	-19,265.20	590.15	-387.35	977.51	0.604	Level 1	
23,000.00	7,794.00	22,893.26	7,794.00	492.08	491.98	90.00	-667.53	-19,365.20	590.17	-392.69	982.86	0.600	Level 1	
23,100.00	7,794.00	22,993.26	7,794.00	494.75	494.65	90.00	-667.42	-19,465.20	590.19	-398.02	988.21	0.597	Level 1	
23,200.00	7,794.00	23,093.26	7,794.00	497.42	497.33	90.00	-667.31	-19,565.20	590.20	-403.35	993.56	0.594	Level 1	
23,300.00	7,794.00	23,193.26	7,794.00	500.09	500.00	90.00	-667.21	-19,665.20	590.22	-408.69	998.91	0.591	Level 1	
23,400.00	7,794.00	23,293.26	7,794.00	502.76	502.67	90.00	-667.10	-19,765.20	590.24	-414.02	1,004.26	0.588	Level 1	
23,500.00	7,794.00	23,393.26	7,794.00	505.43	505.35	90.00	-667.00	-19,865.20	590.26	-419.36	1,009.61	0.585	Level 1	
23,600.00	7,794.00	23,493.26	7,794.00	508.10	508.02	90.00	-666.89	-19,965.20	590.27	-424.69	1,014.97	0.582	Level 1	
23,700.00	7,794.00	23,593.26	7,794.00	510.78	510.70	90.00	-666.78	-20,065.20	590.29	-430.03	1,020.32	0.579	Level 1	
23,800.00	7,794.00	23,693.26	7,794.00	513.45	513.37	90.00	-666.68	-20,165.20	590.31	-435.36	1,025.67	0.576	Level 1	
23,900.00	7,794.00	23,793.26	7,794.00	516.12	516.05	90.00	-666.57	-20,265.20	590.33	-440.70	1,031.03	0.573	Level 1	
24,000.00	7,794.00	23,893.26	7,794.00	518.79	518.72	90.00	-666.47	-20,365.20	590.34	-446.04	1,036.38	0.570	Level 1	
24,100.00	7,794.00	23,993.26	7,794.00	521.47	521.40	90.00	-666.36	-20,465.20	590.36	-451.37	1,041.74	0.567	Level 1	
24,200.00	7,794.00	24,093.26	7,794.00	524.14	524.07	90.00	-666.25	-20,565.20	590.38	-456.71	1,047.09	0.564	Level 1	
24,300.00	7,794.00	24,193.26	7,794.00	526.81	526.75	90.00	-666.15	-20,665.20	590.40	-462.05	1,052.45	0.561	Level 1	
24,400.00	7,794.00	24,293.26	7,794.00	529.49	529.43	90.00	-666.04	-20,765.20	590.41	-467.39	1,057.80	0.558	Level 1	
24,500.00	7,794.00	24,393.26	7,794.00	532.16	532.10	90.00	-665.94	-20,865.20	590.43	-472.73	1,063.16	0.555	Level 1	
24,600.00	7,794.00	24,493.26	7,794.00	534.84	534.78	90.00	-665.83	-20,965.20	590.45	-478.07	1,068.52	0.553	Level 1	
24,700.00	7,794.00	24,593.26	7,794.00	537.51	537.46	90.00	-665.72	-21,065.20	590.46	-483.41	1,073.87	0.550	Level 1	
24,800.00	7,794.00	24,693.26	7,794.00	540.19	540.14	90.00	-665.62	-21,165.20	590.48	-488.75	1,079.23	0.547	Level 1	
24,900.00	7,794.00	24,793.26	7,794.00	542.86	542.81	90.00	-665.51	-21,265.20	590.50	-494.09	1,084.59	0.544	Level 1	
25,000.00	7,794.00	24,893.26	7,794.00	545.54	545.49	90.00	-665.41	-21,365.20	590.52	-499.43	1,089.95	0.542	Level 1	
25,100.00	7,794.00	24,993.26	7,794.00	548.21	548.17	90.00	-665.30	-21,465.20	590.53	-504.77	1,095.31	0.539	Level 1	
25,200.00	7,794.00	25,093.26	7,794.00	550.89	550.85	90.00	-665.19	-21,565.20	590.55	-510.11	1,100.67	0.537	Level 1	
25,300.00	7,794.00	25,193.26	7,794.00	553.56	553.52	90.00	-665.09	-21,665.20	590.57	-515.46	1,106.02	0.534	Level 1	
25,400.00	7,794.00	25,293.26	7,794.00	556.24	556.20	90.00	-664.98	-21,765.20	590.59	-520.80	1,111.38	0.531	Level 1	
25,500.00	7,794.00	25,393.26	7,794.00	558.92	558.88	90.00	-664.87	-21,865.20	590.60	-526.14	1,116.74	0.529	Level 1	
25,600.00	7,794.00	25,493.26	7,794.00	561.59	561.56	90.00	-664.77	-21,965.20	590.62	-531.48	1,122.11	0.526	Level 1	
25,700.00	7,794.00	25,593.26	7,794.00	564.27	564.24	90.00	-664.66	-22,065.20	590.64	-536.83	1,127.47	0.524	Level 1	
25,800.00	7,794.00	25,693.26	7,794.00	566.95	566.92	90.00	-664.56	-22,165.20	590.66	-542.17	1,132.83	0.521	Level 1	
25,900.00	7,794.00	25,793.26	7,794.00	569.62	569.60	90.00	-664.45	-22,265.20	590.67	-547.52	1,138.19	0.519	Level 1	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 4H - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
26,000.00	7,794.00	25,893.26	7,794.00	572.30	572.28	90.00	-664.34	-22,365.20	590.69	-552.86	1,143.55	0.517	Level 1
26,100.00	7,794.00	25,993.26	7,794.00	574.98	574.96	90.00	-664.24	-22,465.20	590.71	-558.20	1,148.91	0.514	Level 1
26,200.00	7,794.00	26,093.26	7,794.00	577.66	577.64	90.00	-664.13	-22,565.20	590.73	-563.55	1,154.28	0.512	Level 1
26,300.00	7,794.00	26,193.26	7,794.00	580.33	580.32	90.00	-664.03	-22,665.20	590.74	-568.89	1,159.64	0.509	Level 1
26,400.00	7,794.00	26,293.26	7,794.00	583.01	583.00	90.00	-663.92	-22,765.20	590.76	-574.24	1,165.00	0.507	Level 1
26,500.00	7,794.00	26,393.26	7,794.00	585.69	585.68	90.00	-663.81	-22,865.20	590.78	-579.59	1,170.36	0.505	Level 1
26,600.00	7,794.00	26,493.26	7,794.00	588.37	588.36	90.00	-663.71	-22,965.20	590.80	-584.93	1,175.73	0.502	Level 1
26,700.00	7,794.00	26,593.26	7,794.00	591.05	591.04	90.00	-663.60	-23,065.20	590.81	-590.28	1,181.09	0.500	Level 1
26,800.00	7,794.00	26,693.26	7,794.00	593.73	593.72	90.00	-663.50	-23,165.20	590.83	-595.63	1,186.46	0.498	Level 1
26,900.00	7,794.00	26,793.34	7,794.00	596.40	596.40	90.00	-663.39	-23,265.27	590.84	-600.99	1,191.83	0.496	Level 1
26,927.19	7,794.00	26,820.53	7,794.00	597.13	597.13	90.00	-663.37	-23,292.46	590.84	-602.44	1,193.29	0.495	Level 1, ES, SF
26,932.55	7,794.00	26,820.83	7,794.00	597.28	597.14	90.00	-663.37	-23,292.76	590.87	-602.13	1,193.00	0.495	Level 1

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	147.48	-16.76	10.68	19.90					
100.00	100.00	99.00	99.00	0.27	0.27	147.48	-16.76	10.68	19.87	19.34	0.54	37.143		
200.00	200.00	199.00	199.00	0.63	0.62	147.48	-16.76	10.68	19.87	18.62	1.25	15.884		
300.00	300.00	299.00	299.00	0.99	0.98	147.48	-16.76	10.68	19.87	17.90	1.97	10.098		
400.00	400.00	399.00	399.00	1.34	1.34	147.48	-16.76	10.68	19.87	17.19	2.68	7.401		
500.00	500.00	499.20	499.18	1.70	1.69	152.26	-17.12	9.00	19.35	15.95	3.39	5.702		
600.00	599.98	599.26	599.10	2.05	2.04	-98.86	-18.24	3.92	18.84	14.75	4.09	4.605		
609.36	609.33	608.62	608.43	2.08	2.07	-97.87	-18.38	3.27	18.84	14.68	4.16	4.531 CC		
700.00	699.84	699.19	698.65	2.40	2.40	-88.37	-20.09	-4.57	19.19	14.39	4.80	4.000		
800.00	799.45	799.01	797.72	2.76	2.78	-78.74	-22.68	-16.42	20.37	14.84	5.53	3.684		
900.00	898.70	898.70	896.19	3.13	3.18	-70.59	-26.00	-31.62	22.27	15.98	6.28	3.544		
1,000.00	997.47	998.27	993.93	3.53	3.60	-64.09	-30.05	-50.13	24.73	17.67	7.06	3.504		
1,100.00	1,095.62	1,097.72	1,090.84	3.95	4.07	-59.10	-34.81	-71.91	27.63	19.77	7.86	3.516		
1,200.00	1,193.06	1,197.05	1,186.80	4.41	4.57	-55.35	-40.28	-96.94	30.86	22.17	8.69	3.552		
1,300.00	1,289.64	1,296.25	1,281.70	4.91	5.11	-52.57	-46.45	-125.17	34.36	24.80	9.56	3.595		
1,400.00	1,385.27	1,395.33	1,375.43	5.45	5.71	-50.56	-53.31	-156.55	38.06	27.59	10.47	3.636		
1,500.00	1,479.82	1,494.30	1,467.88	6.04	6.36	-49.13	-60.84	-191.03	41.93	30.50	11.43	3.668		
1,600.00	1,573.17	1,593.15	1,558.95	6.69	7.06	-48.14	-69.05	-228.56	45.95	33.49	12.46	3.687		
1,700.00	1,665.21	1,691.88	1,648.53	7.39	7.83	-47.51	-77.91	-269.10	50.10	36.54	13.56	3.694		
1,800.00	1,755.84	1,790.49	1,736.53	8.16	8.66	-47.15	-87.41	-312.57	54.37	39.62	14.75	3.686		
1,900.00	1,844.94	1,888.99	1,822.85	9.00	9.56	-47.01	-97.54	-358.91	58.75	42.72	16.03	3.665		
2,000.00	1,932.39	1,987.38	1,907.39	9.91	10.52	-47.04	-108.28	-408.08	63.23	45.82	17.42	3.630		
2,100.00	2,018.11	2,085.65	1,990.05	10.89	11.55	-47.20	-119.63	-459.98	67.81	48.90	18.92	3.585		
2,200.00	2,101.97	2,183.82	2,070.76	11.94	12.65	-47.47	-131.56	-514.57	72.49	51.95	20.54	3.530		
2,300.00	2,183.88	2,281.88	2,149.43	13.08	13.83	-47.83	-144.06	-571.76	77.26	54.97	22.29	3.466		
2,400.00	2,263.74	2,379.84	2,225.96	14.28	15.07	-48.26	-157.11	-631.49	82.11	57.93	24.18	3.396		
2,500.00	2,341.45	2,477.69	2,300.28	15.57	16.39	-48.75	-170.70	-693.66	87.05	60.83	26.22	3.321		
2,600.00	2,416.92	2,575.44	2,372.31	16.93	17.78	-49.28	-184.81	-758.22	92.07	63.67	28.40	3.242		
2,700.00	2,490.05	2,673.10	2,441.98	18.37	19.23	-49.84	-199.42	-825.07	97.17	66.44	30.74	3.162		
2,800.00	2,560.76	2,770.67	2,509.21	19.88	20.76	-50.44	-214.52	-894.13	102.35	69.12	33.23	3.080		
2,900.00	2,628.95	2,868.14	2,573.94	21.48	22.36	-51.05	-230.08	-965.33	107.61	71.73	35.88	2.999		
3,000.00	2,694.55	2,965.53	2,636.10	23.15	24.02	-51.68	-246.09	-1,038.56	112.94	74.24	38.69	2.919		
3,100.00	2,757.48	3,062.83	2,695.62	24.89	25.75	-52.32	-262.52	-1,113.76	118.33	76.67	41.66	2.840		
3,200.00	2,817.66	3,160.05	2,752.45	26.70	27.53	-52.97	-279.36	-1,190.82	123.79	79.00	44.79	2.764		
3,300.00	2,875.03	3,259.26	2,808.47	28.58	29.41	-54.00	-296.85	-1,270.80	128.72	80.40	48.33	2.664		
3,400.00	2,931.24	3,359.11	2,864.79	30.50	31.31	-55.48	-314.45	-1,351.35	132.96	80.76	52.20	2.547		
3,500.00	2,987.46	3,458.96	2,921.10	32.43	33.23	-56.87	-332.06	-1,431.91	137.27	81.15	56.12	2.446		
3,600.00	3,043.67	3,558.82	2,977.41	34.37	35.15	-58.17	-349.67	-1,512.47	141.66	81.58	60.09	2.358		
3,700.00	3,099.88	3,658.67	3,033.72	36.32	37.08	-59.39	-367.28	-1,593.03	146.12	82.04	64.08	2.280		
3,800.00	3,156.09	3,758.52	3,090.03	38.27	39.01	-60.54	-384.88	-1,673.58	150.65	82.54	68.11	2.212		
3,900.00	3,212.31	3,858.38	3,146.35	40.23	40.95	-61.63	-402.49	-1,754.14	155.23	83.07	72.16	2.151		
4,000.00	3,268.52	3,958.23	3,202.66	42.20	42.89	-62.65	-420.10	-1,834.70	159.86	83.64	76.22	2.097		
4,100.00	3,324.73	4,058.08	3,258.97	44.17	44.84	-63.61	-437.70	-1,915.26	164.54	84.24	80.30	2.049		
4,200.00	3,380.94	4,157.94	3,315.28	46.15	46.79	-64.52	-455.31	-1,995.82	169.26	84.88	84.39	2.006		
4,300.00	3,437.16	4,257.79	3,371.59	48.12	48.75	-65.38	-472.92	-2,076.37	174.03	85.54	88.48	1.967		
4,400.00	3,493.37	4,357.64	3,427.91	50.11	50.70	-66.20	-490.53	-2,156.93	178.83	86.24	92.59	1.932		
4,500.00	3,549.58	4,457.50	3,484.22	52.09	52.66	-66.97	-508.13	-2,237.49	183.66	86.97	96.69	1.899		
4,600.00	3,605.79	4,557.35	3,540.53	54.08	54.62	-67.70	-525.74	-2,318.05	188.53	87.73	100.80	1.870		
4,700.00	3,662.01	4,657.20	3,596.84	56.07	56.59	-68.40	-543.35	-2,398.61	193.43	88.51	104.92	1.844		
4,800.00	3,718.22	4,757.06	3,653.16	58.06	58.55	-69.06	-560.96	-2,479.16	198.35	89.32	109.03	1.819		
4,900.00	3,774.43	4,856.91	3,709.47	60.05	60.52	-69.69	-578.56	-2,559.72	203.30	90.15	113.15	1.797		
5,000.00	3,830.65	4,956.76	3,765.78	62.04	62.49	-70.29	-596.17	-2,640.28	208.27	91.01	117.26	1.776		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,886.86	5,056.62	3,822.09	64.04	64.46	-70.86	-613.78	-2,720.84	213.27	91.89	121.38	1.757		
5,200.00	3,943.07	5,156.47	3,878.40	66.03	66.43	-71.40	-631.39	-2,801.40	218.28	92.79	125.49	1.739		
5,300.00	3,999.28	5,256.32	3,934.72	68.03	68.40	-71.92	-648.99	-2,881.95	223.31	93.71	129.60	1.723		
5,400.00	4,055.50	5,356.17	3,991.03	70.03	70.37	-72.42	-666.60	-2,962.51	228.36	94.65	133.71	1.708		
5,500.00	4,111.71	5,456.03	4,047.34	72.03	72.34	-72.90	-684.21	-3,043.07	233.43	95.61	137.82	1.694		
5,600.00	4,167.92	5,555.88	4,103.65	74.03	74.31	-73.35	-701.82	-3,123.63	238.51	96.58	141.93	1.680		
5,700.00	4,224.13	5,655.73	4,159.97	76.03	76.29	-73.79	-719.42	-3,204.19	243.61	97.57	146.03	1.668		
5,800.00	4,280.35	5,755.59	4,216.28	78.03	78.26	-74.21	-737.03	-3,284.74	248.72	98.58	150.14	1.657		
5,900.00	4,336.56	5,855.44	4,272.59	80.04	80.24	-74.61	-754.64	-3,365.30	253.84	99.60	154.24	1.646		
6,000.00	4,392.77	5,955.29	4,328.90	82.04	82.22	-74.99	-772.24	-3,445.86	258.97	100.63	158.34	1.636		
6,100.00	4,448.98	6,055.15	4,385.21	84.04	84.19	-75.36	-789.85	-3,526.42	264.12	101.68	162.44	1.626		
6,200.00	4,505.20	6,155.00	4,441.53	86.05	86.17	-75.72	-807.46	-3,606.98	269.27	102.74	166.53	1.617		
6,300.00	4,561.41	6,254.85	4,497.84	88.05	88.15	-76.06	-825.07	-3,687.53	274.44	103.82	170.62	1.608		
6,400.00	4,617.62	6,354.71	4,554.15	90.06	90.13	-76.39	-842.67	-3,768.09	279.62	104.90	174.71	1.600		
6,500.00	4,673.83	6,454.56	4,610.46	92.07	92.11	-76.71	-860.28	-3,848.65	284.80	106.00	178.80	1.593		
6,600.00	4,730.05	6,554.41	4,666.77	94.07	94.08	-77.02	-877.89	-3,929.21	289.99	107.10	182.89	1.586		
6,700.00	4,786.26	6,654.27	4,723.09	96.08	96.06	-77.32	-895.50	-4,009.77	295.20	108.22	186.97	1.579		
6,800.00	4,842.47	6,754.12	4,779.40	98.09	98.04	-77.60	-913.10	-4,090.32	300.40	109.35	191.06	1.572		
6,900.00	4,898.68	6,853.97	4,835.71	100.09	100.02	-77.88	-930.71	-4,170.88	305.62	110.48	195.14	1.566		
7,000.00	4,954.90	6,953.83	4,892.02	102.10	102.00	-78.15	-948.32	-4,251.44	310.84	111.63	199.22	1.560		
7,100.00	5,011.11	7,053.68	4,948.34	104.11	103.98	-78.40	-965.93	-4,332.00	316.07	112.78	203.29	1.555		
7,200.00	5,067.32	7,153.53	5,004.65	106.12	105.97	-78.65	-983.53	-4,412.56	321.31	113.94	207.37	1.549		
7,300.00	5,123.53	7,253.39	5,060.96	108.13	107.95	-78.89	-1,001.14	-4,493.11	326.55	115.11	211.44	1.544		
7,400.00	5,179.75	7,353.24	5,117.27	110.14	109.93	-79.13	-1,018.75	-4,573.67	331.80	116.28	215.51	1.540		
7,500.00	5,235.96	7,453.09	5,173.58	112.15	111.91	-79.36	-1,036.36	-4,654.23	337.05	117.47	219.58	1.535		
7,600.00	5,292.17	7,552.95	5,229.90	114.16	113.89	-79.58	-1,053.96	-4,734.79	342.31	118.66	223.65	1.531		
7,700.00	5,348.38	7,652.80	5,286.21	116.17	115.87	-79.79	-1,071.57	-4,815.35	347.57	119.85	227.72	1.526		
7,800.00	5,404.60	7,752.65	5,342.52	118.18	117.86	-80.00	-1,089.18	-4,895.90	352.84	121.05	231.78	1.522		
7,900.00	5,460.81	7,852.51	5,398.83	120.19	119.84	-80.20	-1,106.78	-4,976.46	358.11	122.26	235.85	1.518		
8,000.00	5,517.02	7,952.36	5,455.14	122.20	121.82	-80.39	-1,124.39	-5,057.02	363.38	123.47	239.91	1.515		
8,100.00	5,573.24	8,052.21	5,511.46	124.21	123.80	-80.58	-1,142.00	-5,137.58	368.66	124.69	243.97	1.511		
8,200.00	5,629.45	8,152.06	5,567.77	126.22	125.79	-80.76	-1,159.61	-5,218.14	373.95	125.92	248.03	1.508		
8,300.00	5,685.66	8,251.92	5,624.08	128.23	127.77	-80.94	-1,177.21	-5,298.69	379.23	127.15	252.09	1.504		
8,400.00	5,741.87	8,351.77	5,680.39	130.24	129.75	-81.12	-1,194.82	-5,379.25	384.53	128.38	256.14	1.501		
8,500.00	5,798.09	8,451.62	5,736.71	132.25	131.74	-81.29	-1,212.43	-5,459.81	389.82	129.62	260.20	1.498 Level 3		
8,600.00	5,854.30	8,551.48	5,793.02	134.26	133.72	-81.45	-1,230.04	-5,540.37	395.12	130.87	264.25	1.495 Level 3		
8,700.00	5,910.51	8,651.33	5,849.33	136.28	135.70	-81.61	-1,247.64	-5,620.93	400.42	132.11	268.30	1.492 Level 3		
8,800.00	5,966.72	8,751.18	5,905.64	138.29	137.69	-81.77	-1,265.25	-5,701.48	405.72	133.37	272.36	1.490 Level 3		
8,900.00	6,022.94	8,851.04	5,961.95	140.30	139.67	-81.92	-1,282.86	-5,782.04	411.03	134.62	276.41	1.487 Level 3		
9,000.00	6,079.15	8,950.89	6,018.27	142.31	141.65	-82.07	-1,300.47	-5,862.60	416.34	135.88	280.46	1.485 Level 3		
9,100.00	6,135.36	9,050.74	6,074.58	144.32	143.64	-82.21	-1,318.07	-5,943.16	421.65	137.15	284.50	1.482 Level 3		
9,200.00	6,191.57	9,150.60	6,130.89	146.34	145.62	-82.35	-1,335.68	-6,023.72	426.97	138.41	288.55	1.480 Level 3		
9,300.00	6,247.79	9,250.45	6,187.20	148.35	147.61	-82.49	-1,353.29	-6,104.27	432.28	139.69	292.60	1.477 Level 3		
9,400.00	6,304.00	9,350.30	6,243.52	150.36	149.59	-82.62	-1,370.90	-6,184.83	437.60	140.96	296.64	1.475 Level 3		
9,500.00	6,360.21	9,450.16	6,299.83	152.37	151.58	-82.76	-1,388.50	-6,265.39	442.93	142.24	300.69	1.473 Level 3		
9,600.00	6,416.42	9,550.01	6,356.14	154.39	153.56	-82.88	-1,406.11	-6,345.95	448.25	143.52	304.73	1.471 Level 3		
9,700.00	6,472.64	9,649.86	6,412.45	156.40	155.55	-83.01	-1,423.72	-6,426.51	453.58	144.80	308.77	1.469 Level 3		
9,800.00	6,528.85	9,749.72	6,468.76	158.41	157.53	-83.13	-1,441.32	-6,507.06	458.91	146.09	312.82	1.467 Level 3		
9,900.00	6,585.06	9,849.57	6,525.08	160.42	159.51	-83.25	-1,458.93	-6,587.62	464.24	147.38	316.86	1.465 Level 3		
10,000.00	6,641.27	9,949.42	6,581.39	162.44	161.50	-83.37	-1,476.54	-6,668.18	469.57	148.67	320.90	1.463 Level 3		
10,100.00	6,697.49	10,049.28	6,637.70	164.45	163.48	-83.48	-1,494.15	-6,748.74	474.90	149.97	324.93	1.462 Level 3		
10,200.00	6,753.70	10,149.13	6,694.01	166.46	165.47	-83.59	-1,511.75	-6,829.30	480.24	151.27	328.97	1.460 Level 3		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,809.91	10,248.98	6,750.32	168.48	167.45	-83.70	-1,529.36	-6,909.85	485.58	152.57	333.01	1.458	Level 3	
10,400.00	6,866.12	10,348.84	6,806.64	170.49	169.44	-83.81	-1,546.97	-6,990.41	490.92	153.87	337.05	1.457	Level 3	
10,500.00	6,922.34	10,448.69	6,862.95	172.50	171.42	-83.91	-1,564.58	-7,070.97	496.26	155.18	341.08	1.455	Level 3	
10,600.00	6,978.55	10,548.54	6,919.26	174.52	173.41	-84.01	-1,582.18	-7,151.53	501.60	156.49	345.12	1.453	Level 3	
10,700.00	7,034.76	10,648.40	6,975.57	176.53	175.40	-84.11	-1,599.79	-7,232.09	506.95	157.80	349.15	1.452	Level 3	
10,800.00	7,090.98	10,748.25	7,031.89	178.54	177.38	-84.21	-1,617.40	-7,312.64	512.29	159.11	353.19	1.450	Level 3	
10,900.00	7,147.19	10,848.10	7,088.20	180.56	179.37	-84.30	-1,635.01	-7,393.20	517.64	160.42	357.22	1.449	Level 3	
11,000.00	7,203.40	10,947.96	7,144.51	182.57	181.35	-84.40	-1,652.61	-7,473.76	522.99	161.74	361.25	1.448	Level 3	
11,100.00	7,259.61	11,047.81	7,200.82	184.58	183.34	-84.49	-1,670.22	-7,554.32	528.34	163.06	365.29	1.446	Level 3	
11,200.00	7,315.83	11,147.66	7,257.13	186.60	185.32	-84.58	-1,687.83	-7,634.87	533.69	164.38	369.32	1.445	Level 3	
11,300.00	7,372.04	11,247.51	7,313.45	188.61	187.31	-84.67	-1,705.43	-7,715.43	539.05	165.70	373.35	1.444	Level 3	
11,400.00	7,428.25	11,347.37	7,369.76	190.63	189.29	-84.75	-1,723.04	-7,795.99	544.40	167.02	377.38	1.443	Level 3	
11,500.00	7,484.46	11,447.22	7,426.07	192.64	191.28	-84.84	-1,740.65	-7,876.55	549.76	168.35	381.41	1.441	Level 3	
11,600.00	7,540.68	11,547.07	7,482.38	194.65	193.27	-84.92	-1,758.26	-7,957.11	555.11	169.68	385.44	1.440	Level 3	
11,700.00	7,596.89	11,646.93	7,538.69	196.67	195.25	-85.00	-1,775.86	-8,037.66	560.47	171.01	389.47	1.439	Level 3	
11,800.00	7,653.10	11,746.78	7,595.01	198.68	197.24	-85.08	-1,793.47	-8,118.22	565.83	172.34	393.49	1.438	Level 3	
11,900.00	7,708.64	11,846.61	7,651.30	200.71	199.22	-85.57	-1,811.07	-8,198.76	571.34	173.75	397.59	1.437	Level 3	
12,000.00	7,753.02	11,957.55	7,712.46	202.96	201.46	-87.53	-1,830.19	-8,289.28	578.99	176.04	402.95	1.437	Level 3	
12,100.00	7,781.64	12,096.34	7,767.78	205.41	204.65	-89.27	-1,847.46	-8,415.02	585.25	177.25	408.00	1.434	Level 3	
12,200.00	7,793.64	12,239.68	7,792.99	207.95	208.22	-90.06	-1,855.26	-8,555.53	588.16	177.51	410.65	1.432	Level 3	
12,300.00	7,794.00	12,350.43	7,794.00	210.49	211.00	-90.10	-1,855.50	-8,666.26	588.31	173.50	414.81	1.418	Level 3	
12,400.00	7,794.00	12,450.43	7,794.00	213.04	213.51	-90.10	-1,855.42	-8,766.26	588.33	168.38	419.95	1.401	Level 3	
12,500.00	7,794.00	12,550.43	7,794.00	215.58	216.03	-90.10	-1,855.35	-8,866.26	588.34	163.25	425.09	1.384	Level 3	
12,600.00	7,794.00	12,650.43	7,794.00	218.14	218.55	-90.10	-1,855.28	-8,966.26	588.36	158.11	430.24	1.367	Level 3	
12,700.00	7,794.00	12,750.43	7,794.00	220.69	221.07	-90.10	-1,855.20	-9,066.26	588.37	152.97	435.40	1.351	Level 3	
12,800.00	7,794.00	12,850.43	7,794.00	223.25	223.60	-90.10	-1,855.13	-9,166.26	588.39	147.83	440.56	1.336	Level 3	
12,900.00	7,794.00	12,950.43	7,794.00	225.81	226.13	-90.10	-1,855.05	-9,266.26	588.40	142.67	445.73	1.320	Level 3	
13,000.00	7,794.00	13,050.43	7,794.00	228.37	228.67	-90.10	-1,854.98	-9,366.26	588.42	137.52	450.90	1.305	Level 3	
13,100.00	7,794.00	13,150.43	7,794.00	230.94	231.21	-90.10	-1,854.91	-9,466.26	588.43	132.35	456.08	1.290	Level 3	
13,200.00	7,794.00	13,250.43	7,794.00	233.51	233.75	-90.10	-1,854.83	-9,566.26	588.45	127.19	461.26	1.276	Level 3	
13,300.00	7,794.00	13,350.43	7,794.00	236.08	236.30	-90.10	-1,854.76	-9,666.26	588.46	122.01	466.45	1.262	Level 3	
13,400.00	7,794.00	13,450.43	7,794.00	238.66	238.85	-90.10	-1,854.69	-9,766.26	588.48	116.84	471.64	1.248	Level 2	
13,500.00	7,794.00	13,550.43	7,794.00	241.24	241.40	-90.10	-1,854.61	-9,866.26	588.49	111.66	476.84	1.234	Level 2	
13,600.00	7,794.00	13,650.43	7,794.00	243.82	243.96	-90.10	-1,854.54	-9,966.26	588.51	106.47	482.04	1.221	Level 2	
13,700.00	7,794.00	13,750.43	7,794.00	246.40	246.52	-90.10	-1,854.46	-10,066.26	588.52	101.28	487.24	1.208	Level 2	
13,800.00	7,794.00	13,850.43	7,794.00	248.99	249.08	-90.10	-1,854.39	-10,166.26	588.54	96.08	492.45	1.195	Level 2	
13,900.00	7,794.00	13,950.43	7,794.00	251.58	251.64	-90.10	-1,854.32	-10,266.26	588.55	90.89	497.66	1.183	Level 2	
14,000.00	7,794.00	14,050.43	7,794.00	254.17	254.21	-90.10	-1,854.24	-10,366.26	588.57	85.68	502.88	1.170	Level 2	
14,100.00	7,794.00	14,150.43	7,794.00	256.76	256.78	-90.10	-1,854.17	-10,466.26	588.58	80.48	508.10	1.158	Level 2	
14,200.00	7,794.00	14,250.43	7,794.00	259.36	259.35	-90.10	-1,854.10	-10,566.26	588.60	75.27	513.33	1.147	Level 2	
14,300.00	7,794.00	14,350.43	7,794.00	261.95	261.93	-90.10	-1,854.02	-10,666.26	588.61	70.06	518.55	1.135	Level 2	
14,400.00	7,794.00	14,450.43	7,794.00	264.55	264.51	-90.10	-1,853.95	-10,766.26	588.62	64.84	523.79	1.124	Level 2	
14,500.00	7,794.00	14,550.43	7,794.00	267.15	267.09	-90.10	-1,853.87	-10,866.26	588.64	59.62	529.02	1.113	Level 2	
14,600.00	7,794.00	14,650.43	7,794.00	269.76	269.67	-90.10	-1,853.80	-10,966.26	588.65	54.40	534.26	1.102	Level 2	
14,700.00	7,794.00	14,750.43	7,794.00	272.36	272.25	-90.10	-1,853.73	-11,066.26	588.67	49.17	539.50	1.091	Level 2	
14,800.00	7,794.00	14,850.43	7,794.00	274.97	274.84	-90.10	-1,853.65	-11,166.26	588.68	43.94	544.74	1.081	Level 2	
14,900.00	7,794.00	14,950.43	7,794.00	277.58	277.43	-90.10	-1,853.58	-11,266.26	588.70	38.71	549.99	1.070	Level 2	
15,000.00	7,794.00	15,050.43	7,794.00	280.19	280.02	-90.10	-1,853.50	-11,366.26	588.71	33.47	555.24	1.060	Level 2	
15,100.00	7,794.00	15,150.43	7,794.00	282.80	282.61	-90.10	-1,853.43	-11,466.26	588.73	28.24	560.49	1.050	Level 2	
15,200.00	7,794.00	15,250.43	7,794.00	285.41	285.21	-90.10	-1,853.36	-11,566.26	588.74	23.00	565.75	1.041	Level 2	
15,300.00	7,794.00	15,350.43	7,794.00	288.03	287.80	-90.10	-1,853.28	-11,666.26	588.76	17.75	571.01	1.031	Level 2	
15,400.00	7,794.00	15,450.43	7,794.00	290.64	290.40	-90.10	-1,853.21	-11,766.26	588.77	12.51	576.27	1.022	Level 2	

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 6H - 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	7,794.00	15,550.43	7,794.00	293.26	293.00	-90.10	-1,853.14	-11,866.26	588.79	7.26	581.53	1.012	Level 2
15,600.00	7,794.00	15,650.43	7,794.00	295.88	295.61	-90.10	-1,853.06	-11,966.26	588.80	2.01	586.79	1.003	Level 2
15,700.00	7,794.00	15,750.43	7,794.00	298.50	298.21	-90.10	-1,852.99	-12,066.26	588.82	-3.24	592.06	0.995	Level 1
15,800.00	7,794.00	15,850.43	7,794.00	301.12	300.81	-90.10	-1,852.91	-12,166.26	588.83	-8.50	597.33	0.986	Level 1
15,900.00	7,794.00	15,950.43	7,794.00	303.75	303.42	-90.10	-1,852.84	-12,266.26	588.85	-13.76	602.60	0.977	Level 1
16,000.00	7,794.00	16,050.43	7,794.00	306.37	306.03	-90.10	-1,852.77	-12,366.26	588.86	-19.01	607.88	0.969	Level 1
16,100.00	7,794.00	16,150.43	7,794.00	309.00	308.64	-90.10	-1,852.69	-12,466.26	588.88	-24.28	613.15	0.960	Level 1
16,200.00	7,794.00	16,250.43	7,794.00	311.62	311.25	-90.10	-1,852.62	-12,566.26	588.89	-29.54	618.43	0.952	Level 1
16,300.00	7,794.00	16,350.43	7,794.00	314.25	313.87	-90.10	-1,852.55	-12,666.26	588.91	-34.81	623.71	0.944	Level 1
16,400.00	7,794.00	16,450.43	7,794.00	316.88	316.48	-90.10	-1,852.47	-12,766.26	588.92	-40.07	629.00	0.936	Level 1
16,500.00	7,794.00	16,550.43	7,794.00	319.51	319.10	-90.10	-1,852.40	-12,866.26	588.94	-45.34	634.28	0.929	Level 1
16,600.00	7,794.00	16,650.43	7,794.00	322.15	321.71	-90.10	-1,852.32	-12,966.26	588.95	-50.61	639.57	0.921	Level 1
16,700.00	7,794.00	16,750.43	7,794.00	324.78	324.33	-90.10	-1,852.25	-13,066.26	588.97	-55.89	644.85	0.913	Level 1
16,800.00	7,794.00	16,850.43	7,794.00	327.41	326.95	-90.10	-1,852.18	-13,166.26	588.98	-61.16	650.14	0.906	Level 1
16,900.00	7,794.00	16,950.43	7,794.00	330.05	329.57	-90.10	-1,852.10	-13,266.26	589.00	-66.44	655.44	0.899	Level 1
17,000.00	7,794.00	17,050.43	7,794.00	332.68	332.20	-90.10	-1,852.03	-13,366.26	589.01	-71.72	660.73	0.891	Level 1
17,100.00	7,794.00	17,150.43	7,794.00	335.32	334.82	-90.10	-1,851.95	-13,466.26	589.03	-77.00	666.02	0.884	Level 1
17,200.00	7,794.00	17,250.43	7,794.00	337.96	337.45	-90.10	-1,851.88	-13,566.26	589.04	-82.28	671.32	0.877	Level 1
17,300.00	7,794.00	17,350.43	7,794.00	340.60	340.07	-90.10	-1,851.81	-13,666.26	589.06	-87.56	676.62	0.871	Level 1
17,400.00	7,794.00	17,450.43	7,794.00	343.24	342.70	-90.10	-1,851.73	-13,766.26	589.07	-92.85	681.92	0.864	Level 1
17,500.00	7,794.00	17,550.43	7,794.00	345.88	345.33	-90.10	-1,851.66	-13,866.26	589.09	-98.13	687.22	0.857	Level 1
17,600.00	7,794.00	17,650.43	7,794.00	348.52	347.96	-90.10	-1,851.59	-13,966.26	589.10	-103.42	692.52	0.851	Level 1
17,700.00	7,794.00	17,750.43	7,794.00	351.16	350.59	-90.10	-1,851.51	-14,066.26	589.12	-108.71	697.83	0.844	Level 1
17,800.00	7,794.00	17,850.43	7,794.00	353.81	353.22	-90.10	-1,851.44	-14,166.26	589.13	-114.00	703.13	0.838	Level 1
17,900.00	7,794.00	17,950.43	7,794.00	356.45	355.85	-90.10	-1,851.36	-14,266.26	589.15	-119.29	708.44	0.832	Level 1
18,000.00	7,794.00	18,050.43	7,794.00	359.09	358.48	-90.10	-1,851.29	-14,366.26	589.16	-124.58	713.75	0.825	Level 1
18,100.00	7,794.00	18,150.43	7,794.00	361.74	361.12	-90.10	-1,851.22	-14,466.26	589.18	-129.88	719.05	0.819	Level 1
18,200.00	7,794.00	18,250.43	7,794.00	364.39	363.75	-90.10	-1,851.14	-14,566.26	589.19	-135.17	724.37	0.813	Level 1
18,300.00	7,794.00	18,350.43	7,794.00	367.03	366.39	-90.10	-1,851.07	-14,666.26	589.21	-140.47	729.68	0.807	Level 1
18,400.00	7,794.00	18,450.43	7,794.00	369.68	369.03	-90.10	-1,851.00	-14,766.26	589.22	-145.77	734.99	0.802	Level 1
18,500.00	7,794.00	18,550.43	7,794.00	372.33	371.66	-90.10	-1,850.92	-14,866.26	589.24	-151.07	740.30	0.796	Level 1
18,600.00	7,794.00	18,650.43	7,794.00	374.98	374.30	-90.10	-1,850.85	-14,966.26	589.25	-156.37	745.62	0.790	Level 1
18,700.00	7,794.00	18,750.43	7,794.00	377.63	376.94	-90.10	-1,850.77	-15,066.26	589.27	-161.67	750.94	0.785	Level 1
18,800.00	7,794.00	18,850.43	7,794.00	380.28	379.58	-90.10	-1,850.70	-15,166.26	589.28	-166.97	756.25	0.779	Level 1
18,900.00	7,794.00	18,950.43	7,794.00	382.93	382.23	-90.10	-1,850.63	-15,266.26	589.29	-172.28	761.57	0.774	Level 1
19,000.00	7,794.00	19,050.43	7,794.00	385.58	384.87	-90.10	-1,850.55	-15,366.26	589.31	-177.58	766.89	0.768	Level 1
19,100.00	7,794.00	19,150.43	7,794.00	388.24	387.51	-90.10	-1,850.48	-15,466.26	589.32	-182.89	772.21	0.763	Level 1
19,200.00	7,794.00	19,250.43	7,794.00	390.89	390.15	-90.10	-1,850.40	-15,566.26	589.34	-188.20	777.54	0.758	Level 1
19,300.00	7,794.00	19,350.43	7,794.00	393.55	392.80	-90.10	-1,850.33	-15,666.26	589.35	-193.51	782.86	0.753	Level 1
19,400.00	7,794.00	19,450.43	7,794.00	396.20	395.44	-90.10	-1,850.26	-15,766.26	589.37	-198.81	788.18	0.748	Level 1
19,500.00	7,794.00	19,550.43	7,794.00	398.85	398.09	-90.10	-1,850.18	-15,866.26	589.38	-204.12	793.51	0.743	Level 1
19,600.00	7,794.00	19,650.43	7,794.00	401.51	400.74	-90.10	-1,850.11	-15,966.26	589.40	-209.44	798.83	0.738	Level 1
19,700.00	7,794.00	19,750.43	7,794.00	404.17	403.38	-90.10	-1,850.04	-16,066.26	589.41	-214.75	804.16	0.733	Level 1
19,800.00	7,794.00	19,850.43	7,794.00	406.82	406.03	-90.10	-1,849.96	-16,166.26	589.43	-220.06	809.49	0.728	Level 1
19,900.00	7,794.00	19,950.43	7,794.00	409.48	408.68	-90.10	-1,849.89	-16,266.26	589.44	-225.37	814.82	0.723	Level 1
20,000.00	7,794.00	20,050.43	7,794.00	412.14	411.33	-90.10	-1,849.81	-16,366.26	589.46	-230.69	820.15	0.719	Level 1
20,100.00	7,794.00	20,150.43	7,794.00	414.80	413.98	-90.10	-1,849.74	-16,466.26	589.47	-236.00	825.48	0.714	Level 1
20,200.00	7,794.00	20,250.43	7,794.00	417.46	416.63	-90.10	-1,849.67	-16,566.26	589.49	-241.32	830.81	0.710	Level 1
20,300.00	7,794.00	20,350.43	7,794.00	420.12	419.28	-90.10	-1,849.59	-16,666.26	589.50	-246.64	836.14	0.705	Level 1
20,400.00	7,794.00	20,450.43	7,794.00	422.78	421.93	-90.10	-1,849.52	-16,766.26	589.52	-251.96	841.47	0.701	Level 1
20,500.00	7,794.00	20,550.43	7,794.00	425.44	424.58	-90.10	-1,849.45	-16,866.26	589.53	-257.27	846.81	0.696	Level 1
20,600.00	7,794.00	20,650.43	7,794.00	428.10	427.24	-90.10	-1,849.37	-16,966.26	589.55	-262.59	852.14	0.692	Level 1

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,700.00	7,794.00	20,750.43	7,794.00	430.76	429.89	-90.10	-1,849.30	-17,066.26	589.56	-267.91	857.48	0.688	Level 1	
20,800.00	7,794.00	20,850.43	7,794.00	433.42	432.54	-90.10	-1,849.22	-17,166.26	589.58	-273.24	862.81	0.683	Level 1	
20,900.00	7,794.00	20,950.43	7,794.00	436.08	435.20	-90.10	-1,849.15	-17,266.26	589.59	-278.56	868.15	0.679	Level 1	
21,000.00	7,794.00	21,050.43	7,794.00	438.74	437.85	-90.10	-1,849.08	-17,366.26	589.61	-283.88	873.49	0.675	Level 1	
21,100.00	7,794.00	21,150.43	7,794.00	441.41	440.51	-90.10	-1,849.00	-17,466.26	589.62	-289.20	878.83	0.671	Level 1	
21,200.00	7,794.00	21,250.43	7,794.00	444.07	443.16	-90.10	-1,848.93	-17,566.26	589.64	-294.53	884.16	0.667	Level 1	
21,300.00	7,794.00	21,350.43	7,794.00	446.74	445.82	-90.10	-1,848.86	-17,666.26	589.65	-299.85	889.50	0.663	Level 1	
21,400.00	7,794.00	21,450.43	7,794.00	449.40	448.48	-90.10	-1,848.78	-17,766.26	589.67	-305.18	894.84	0.659	Level 1	
21,500.00	7,794.00	21,550.43	7,794.00	452.06	451.14	-90.10	-1,848.71	-17,866.26	589.68	-310.50	900.18	0.655	Level 1	
21,600.00	7,794.00	21,650.43	7,794.00	454.73	453.79	-90.10	-1,848.63	-17,966.26	589.70	-315.83	905.53	0.651	Level 1	
21,700.00	7,794.00	21,750.43	7,794.00	457.39	456.45	-90.10	-1,848.56	-18,066.26	589.71	-321.16	910.87	0.647	Level 1	
21,800.00	7,794.00	21,850.43	7,794.00	460.06	459.11	-90.10	-1,848.49	-18,166.26	589.73	-326.48	916.21	0.644	Level 1	
21,900.00	7,794.00	21,950.43	7,794.00	462.73	461.77	-90.10	-1,848.41	-18,266.26	589.74	-331.81	921.55	0.640	Level 1	
22,000.00	7,794.00	22,050.43	7,794.00	465.39	464.43	-90.10	-1,848.34	-18,366.26	589.76	-337.14	926.90	0.636	Level 1	
22,100.00	7,794.00	22,150.43	7,794.00	468.06	467.09	-90.10	-1,848.26	-18,466.26	589.77	-342.47	932.24	0.633	Level 1	
22,200.00	7,794.00	22,250.43	7,794.00	470.73	469.75	-90.10	-1,848.19	-18,566.26	589.79	-347.80	937.59	0.629	Level 1	
22,300.00	7,794.00	22,350.43	7,794.00	473.40	472.41	-90.10	-1,848.12	-18,666.26	589.80	-353.13	942.93	0.625	Level 1	
22,400.00	7,794.00	22,450.43	7,794.00	476.06	475.07	-90.10	-1,848.04	-18,766.26	589.82	-358.46	948.28	0.622	Level 1	
22,500.00	7,794.00	22,550.43	7,794.00	478.73	477.74	-90.10	-1,847.97	-18,866.26	589.83	-363.80	953.63	0.619	Level 1	
22,600.00	7,794.00	22,650.43	7,794.00	481.40	480.40	-90.10	-1,847.90	-18,966.26	589.85	-369.13	958.97	0.615	Level 1	
22,700.00	7,794.00	22,750.43	7,794.00	484.07	483.06	-90.10	-1,847.82	-19,066.26	589.86	-374.46	964.32	0.612	Level 1	
22,800.00	7,794.00	22,850.43	7,794.00	486.74	485.72	-90.10	-1,847.75	-19,166.26	589.88	-379.80	969.67	0.608	Level 1	
22,900.00	7,794.00	22,950.43	7,794.00	489.41	488.39	-90.10	-1,847.67	-19,266.26	589.89	-385.13	975.02	0.605	Level 1	
23,000.00	7,794.00	23,050.43	7,794.00	492.08	491.05	-90.10	-1,847.60	-19,366.26	589.91	-390.46	980.37	0.602	Level 1	
23,100.00	7,794.00	23,150.43	7,794.00	494.75	493.72	-90.10	-1,847.53	-19,466.26	589.92	-395.80	985.72	0.598	Level 1	
23,200.00	7,794.00	23,250.43	7,794.00	497.42	496.38	-90.10	-1,847.45	-19,566.26	589.94	-401.14	991.07	0.595	Level 1	
23,300.00	7,794.00	23,350.43	7,794.00	500.09	499.05	-90.10	-1,847.38	-19,666.26	589.95	-406.47	996.42	0.592	Level 1	
23,400.00	7,794.00	23,450.43	7,794.00	502.76	501.71	-90.10	-1,847.31	-19,766.26	589.96	-411.81	1,001.77	0.589	Level 1	
23,500.00	7,794.00	23,550.43	7,794.00	505.43	504.38	-90.10	-1,847.23	-19,866.26	589.98	-417.14	1,007.12	0.586	Level 1	
23,600.00	7,794.00	23,650.43	7,794.00	508.10	507.04	-90.10	-1,847.16	-19,966.26	589.99	-422.48	1,012.48	0.583	Level 1	
23,700.00	7,794.00	23,750.43	7,794.00	510.78	509.71	-90.10	-1,847.08	-20,066.26	590.01	-427.82	1,017.83	0.580	Level 1	
23,800.00	7,794.00	23,850.43	7,794.00	513.45	512.38	-90.10	-1,847.01	-20,166.26	590.02	-433.16	1,023.18	0.577	Level 1	
23,900.00	7,794.00	23,950.43	7,794.00	516.12	515.04	-90.10	-1,846.94	-20,266.26	590.04	-438.50	1,028.54	0.574	Level 1	
24,000.00	7,794.00	24,050.43	7,794.00	518.79	517.71	-90.10	-1,846.86	-20,366.26	590.05	-443.84	1,033.89	0.571	Level 1	
24,100.00	7,794.00	24,150.43	7,794.00	521.47	520.38	-90.10	-1,846.79	-20,466.26	590.07	-449.18	1,039.25	0.568	Level 1	
24,200.00	7,794.00	24,250.43	7,794.00	524.14	523.05	-90.10	-1,846.71	-20,566.26	590.08	-454.52	1,044.60	0.565	Level 1	
24,300.00	7,794.00	24,350.43	7,794.00	526.81	525.71	-90.10	-1,846.64	-20,666.26	590.10	-459.86	1,049.96	0.562	Level 1	
24,400.00	7,794.00	24,450.43	7,794.00	529.49	528.38	-90.10	-1,846.57	-20,766.26	590.11	-465.20	1,055.31	0.559	Level 1	
24,500.00	7,794.00	24,550.43	7,794.00	532.16	531.05	-90.10	-1,846.49	-20,866.26	590.13	-470.54	1,060.67	0.556	Level 1	
24,600.00	7,794.00	24,650.43	7,794.00	534.84	533.72	-90.10	-1,846.42	-20,966.26	590.14	-475.88	1,066.03	0.554	Level 1	
24,700.00	7,794.00	24,750.43	7,794.00	537.51	536.39	-90.10	-1,846.35	-21,066.26	590.16	-481.22	1,071.38	0.551	Level 1	
24,800.00	7,794.00	24,850.43	7,794.00	540.19	539.06	-90.10	-1,846.27	-21,166.26	590.17	-486.57	1,076.74	0.548	Level 1	
24,900.00	7,794.00	24,950.43	7,794.00	542.86	541.73	-90.10	-1,846.20	-21,266.26	590.19	-491.91	1,082.10	0.545	Level 1	
25,000.00	7,794.00	25,050.43	7,794.00	545.54	544.40	-90.10	-1,846.12	-21,366.26	590.20	-497.25	1,087.46	0.543	Level 1	
25,100.00	7,794.00	25,150.43	7,794.00	548.21	547.07	-90.10	-1,846.05	-21,466.26	590.22	-502.60	1,092.81	0.540	Level 1	
25,200.00	7,794.00	25,250.43	7,794.00	550.89	549.74	-90.10	-1,845.98	-21,566.26	590.23	-507.94	1,098.17	0.537	Level 1	
25,300.00	7,794.00	25,350.43	7,794.00	553.56	552.41	-90.10	-1,845.90	-21,666.26	590.25	-513.29	1,103.53	0.535	Level 1	
25,400.00	7,794.00	25,450.43	7,794.00	556.24	555.08	-90.10	-1,845.83	-21,766.26	590.26	-518.63	1,108.89	0.532	Level 1	
25,500.00	7,794.00	25,550.43	7,794.00	558.92	557.76	-90.10	-1,845.76	-21,866.26	590.28	-523.98	1,114.25	0.530	Level 1	
25,600.00	7,794.00	25,650.43	7,794.00	561.59	560.43	-90.10	-1,845.68	-21,966.26	590.29	-529.32	1,119.61	0.527	Level 1	
25,700.00	7,794.00	25,750.43	7,794.00	564.27	563.10	-90.10	-1,845.61	-22,066.26	590.31	-534.67	1,124.97	0.525	Level 1	
25,800.00	7,794.00	25,850.43	7,794.00	566.95	565.77	-90.10	-1,845.53	-22,166.26	590.32	-540.01	1,130.33	0.522	Level 1	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 6H - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
25,900.00	7,794.00	25,950.43	7,794.00	569.62	568.45	-90.10	-1,845.46	-22,266.26	590.34	-545.36	1,135.70	0.520	Level 1
26,000.00	7,794.00	26,050.43	7,794.00	572.30	571.12	-90.10	-1,845.39	-22,366.26	590.35	-550.71	1,141.06	0.517	Level 1
26,100.00	7,794.00	26,150.43	7,794.00	574.98	573.79	-90.10	-1,845.31	-22,466.26	590.37	-556.05	1,146.42	0.515	Level 1
26,200.00	7,794.00	26,250.43	7,794.00	577.66	576.46	-90.10	-1,845.24	-22,566.26	590.38	-561.40	1,151.78	0.513	Level 1
26,300.00	7,794.00	26,350.43	7,794.00	580.33	579.14	-90.10	-1,845.16	-22,666.26	590.40	-566.75	1,157.14	0.510	Level 1
26,400.00	7,794.00	26,450.43	7,794.00	583.01	581.81	-90.10	-1,845.09	-22,766.26	590.41	-572.10	1,162.51	0.508	Level 1
26,500.00	7,794.00	26,550.43	7,794.00	585.69	584.49	-90.10	-1,845.02	-22,866.26	590.43	-577.44	1,167.87	0.506	Level 1
26,600.00	7,794.00	26,650.43	7,794.00	588.37	587.16	-90.10	-1,844.94	-22,966.26	590.44	-582.79	1,173.23	0.503	Level 1
26,700.00	7,794.00	26,750.43	7,794.00	591.05	589.84	-90.10	-1,844.87	-23,066.26	590.46	-588.14	1,178.60	0.501	Level 1
26,800.00	7,794.00	26,850.43	7,794.00	593.73	592.51	-90.10	-1,844.80	-23,166.26	590.47	-593.49	1,183.96	0.499	Level 1
26,900.00	7,794.00	26,950.55	7,794.00	596.40	595.19	-90.10	-1,844.72	-23,266.38	590.48	-598.83	1,189.32	0.496	Level 1
26,932.55	7,794.00	26,983.09	7,794.00	597.28	596.06	-90.10	-1,844.69	-23,298.92	590.48	-600.58	1,191.06	0.496	Level 1, ES, SF

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	147.14	-33.52	21.65	39.91					
100.00	100.00	99.00	99.00	0.27	0.27	147.14	-33.52	21.65	39.90	39.36	0.54	74.576		
200.00	200.00	199.00	199.00	0.63	0.62	147.14	-33.52	21.65	39.90	38.65	1.25	31.892		
300.00	300.00	299.00	299.00	0.99	0.98	147.14	-33.52	21.65	39.90	37.93	1.97	20.274		
400.00	400.00	399.36	399.34	1.34	1.33	149.54	-33.99	19.99	39.44	36.76	2.68	14.732		
500.00	500.00	499.49	499.32	1.70	1.68	157.09	-35.43	14.97	38.46	35.08	3.39	11.363		
549.39	549.39	548.81	548.49	1.88	1.86	-99.21	-36.49	11.27	38.25	34.52	3.74	10.237 CC		
600.00	599.98	599.28	598.74	2.05	2.05	-93.95	-37.81	6.63	38.47	34.38	4.10	9.389		
700.00	699.84	698.83	697.55	2.40	2.43	-84.02	-41.14	-5.00	40.17	35.35	4.82	8.329		
800.00	799.45	798.14	795.63	2.76	2.83	-75.33	-45.40	-19.89	43.38	37.81	5.57	7.789		
900.00	898.70	897.20	892.88	3.13	3.26	-68.22	-50.58	-37.98	47.82	41.49	6.34	7.549		
1,000.00	997.47	996.01	989.18	3.53	3.73	-62.65	-56.67	-59.24	53.23	46.11	7.12	7.474		
1,100.00	1,095.62	1,094.57	1,084.43	3.95	4.24	-58.41	-63.64	-83.61	59.37	51.44	7.93	7.483		
1,200.00	1,193.06	1,192.89	1,178.51	4.41	4.79	-55.22	-71.50	-111.05	66.07	57.30	8.78	7.529		
1,300.00	1,289.64	1,290.97	1,271.32	4.91	5.39	-52.86	-80.21	-141.50	73.22	63.56	9.66	7.581		
1,400.00	1,385.27	1,388.80	1,362.78	5.45	6.04	-51.15	-89.77	-174.89	80.73	70.14	10.59	7.626		
1,500.00	1,479.82	1,486.39	1,452.77	6.04	6.74	-49.93	-100.15	-211.18	88.54	76.97	11.57	7.652		
1,600.00	1,573.17	1,583.75	1,541.21	6.69	7.50	-49.10	-111.35	-250.29	96.62	83.99	12.62	7.655		
1,700.00	1,665.21	1,680.86	1,628.01	7.39	8.32	-48.57	-123.33	-292.16	104.92	91.18	13.75	7.633		
1,800.00	1,755.84	1,777.75	1,713.08	8.16	9.20	-48.28	-136.09	-336.72	113.44	98.48	14.96	7.585		
1,900.00	1,844.94	1,874.40	1,796.34	9.00	10.15	-48.17	-149.59	-383.91	122.16	105.90	16.26	7.512		
2,000.00	1,932.39	1,970.83	1,877.70	9.91	11.16	-48.22	-163.83	-433.65	131.06	113.39	17.67	7.418		
2,100.00	2,018.11	2,067.03	1,957.10	10.89	12.23	-48.38	-178.78	-485.88	140.14	120.95	19.19	7.303		
2,200.00	2,101.97	2,163.02	2,034.45	11.94	13.37	-48.64	-194.41	-540.51	149.39	128.56	20.83	7.172		
2,300.00	2,183.88	2,258.79	2,109.69	13.08	14.57	-48.98	-210.72	-597.47	158.81	136.21	22.60	7.028		
2,400.00	2,263.74	2,354.36	2,182.76	14.28	15.83	-49.38	-227.66	-656.68	168.38	143.88	24.50	6.873		
2,500.00	2,341.45	2,449.72	2,253.58	15.57	17.17	-49.82	-245.23	-718.08	178.10	151.57	26.54	6.711		
2,600.00	2,416.92	2,544.88	2,322.09	16.93	18.56	-50.31	-263.41	-781.57	187.98	159.25	28.72	6.545		
2,700.00	2,490.05	2,639.86	2,388.24	18.37	20.02	-50.82	-282.16	-847.08	197.99	166.94	31.05	6.376		
2,800.00	2,560.76	2,734.65	2,451.98	19.88	21.54	-51.36	-301.46	-914.52	208.14	174.61	33.53	6.207		
2,900.00	2,628.95	2,829.25	2,513.24	21.48	23.12	-51.92	-321.30	-983.83	218.43	182.27	36.16	6.040		
3,000.00	2,694.55	2,923.69	2,571.99	23.15	24.75	-52.49	-341.64	-1,054.91	228.84	189.90	38.94	5.876		
3,100.00	2,757.48	3,017.96	2,628.17	24.89	26.45	-53.07	-362.47	-1,127.68	239.37	197.50	41.88	5.716		
3,200.00	2,817.66	3,113.68	2,682.77	26.70	28.22	-53.70	-384.10	-1,203.26	249.93	204.90	45.03	5.550		
3,300.00	2,875.03	3,213.10	2,738.83	28.58	30.10	-54.81	-406.69	-1,282.20	259.04	210.38	48.66	5.324		
3,400.00	2,931.24	3,312.53	2,794.90	30.50	31.98	-56.23	-429.29	-1,361.15	267.48	215.00	52.48	5.097		
3,500.00	2,987.46	3,411.97	2,850.96	32.43	33.87	-57.55	-451.88	-1,440.10	276.08	219.72	56.35	4.899		
3,600.00	3,043.67	3,511.40	2,907.03	34.37	35.77	-58.80	-474.48	-1,519.04	284.81	224.55	60.27	4.726		
3,700.00	3,099.88	3,610.83	2,963.10	36.32	37.67	-59.97	-497.08	-1,597.99	293.67	229.47	64.21	4.574		
3,800.00	3,156.09	3,710.26	3,019.17	38.27	39.58	-61.08	-519.67	-1,676.94	302.65	234.47	68.18	4.439		
3,900.00	3,212.31	3,809.69	3,075.23	40.23	41.49	-62.12	-542.27	-1,755.88	311.73	239.57	72.17	4.320		
4,000.00	3,268.52	3,909.12	3,131.30	42.20	43.41	-63.10	-564.86	-1,834.83	320.91	244.74	76.17	4.213		
4,100.00	3,324.73	4,008.55	3,187.37	44.17	45.33	-64.02	-587.46	-1,913.78	330.18	249.98	80.19	4.117		
4,200.00	3,380.94	4,107.99	3,243.43	46.15	47.25	-64.90	-610.05	-1,992.72	339.53	255.30	84.23	4.031		
4,300.00	3,437.16	4,207.42	3,299.50	48.12	49.18	-65.73	-632.65	-2,071.67	348.95	260.68	88.26	3.953		
4,400.00	3,493.37	4,306.85	3,355.57	50.11	51.11	-66.51	-655.24	-2,150.62	358.44	266.13	92.31	3.883		
4,500.00	3,549.58	4,406.28	3,411.64	52.09	53.04	-67.26	-677.84	-2,229.56	367.99	271.63	96.36	3.819		
4,600.00	3,605.79	4,505.71	3,467.70	54.08	54.97	-67.96	-700.43	-2,308.51	377.61	277.19	100.41	3.760		
4,700.00	3,662.01	4,605.14	3,523.77	56.07	56.90	-68.63	-723.03	-2,387.45	387.27	282.80	104.47	3.707		
4,800.00	3,718.22	4,704.57	3,579.84	58.06	58.84	-69.27	-745.62	-2,466.40	396.99	288.46	108.53	3.658		
4,900.00	3,774.43	4,804.01	3,635.90	60.05	60.78	-69.88	-768.22	-2,545.35	406.75	294.16	112.59	3.613		
5,000.00	3,830.65	4,903.44	3,691.97	62.04	62.71	-70.46	-790.82	-2,624.29	416.56	299.91	116.65	3.571		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,886.86	5,002.87	3,748.04	64.04	64.65	-71.01	-813.41	-2,703.24	426.41	305.70	120.71	3.532		
5,200.00	3,943.07	5,102.30	3,804.10	66.03	66.59	-71.54	-836.01	-2,782.19	436.29	311.52	124.77	3.497		
5,300.00	3,999.28	5,201.73	3,860.17	68.03	68.53	-72.05	-858.60	-2,861.13	446.21	317.38	128.83	3.464		
5,400.00	4,055.50	5,301.16	3,916.24	70.03	70.47	-72.53	-881.20	-2,940.08	456.17	323.28	132.89	3.433		
5,500.00	4,111.71	5,400.59	3,972.31	72.03	72.42	-72.99	-903.79	-3,019.03	466.15	329.20	136.95	3.404		
5,600.00	4,167.92	5,500.03	4,028.37	74.03	74.36	-73.44	-926.39	-3,097.97	476.16	335.16	141.00	3.377		
5,700.00	4,224.13	5,599.46	4,084.44	76.03	76.30	-73.86	-948.98	-3,176.92	486.20	341.15	145.06	3.352		
5,800.00	4,280.35	5,698.89	4,140.51	78.03	78.25	-74.27	-971.58	-3,255.87	496.27	347.16	149.11	3.328		
5,900.00	4,336.56	5,798.32	4,196.57	80.04	80.19	-74.66	-994.17	-3,334.81	506.36	353.20	153.16	3.306		
6,000.00	4,392.77	5,897.75	4,252.64	82.04	82.14	-75.03	-1,016.77	-3,413.76	516.47	359.26	157.21	3.285		
6,100.00	4,448.98	5,997.18	4,308.71	84.04	84.08	-75.40	-1,039.36	-3,492.70	526.60	365.34	161.26	3.266		
6,200.00	4,505.20	6,096.61	4,364.77	86.05	86.03	-75.74	-1,061.96	-3,571.65	536.75	371.45	165.31	3.247		
6,300.00	4,561.41	6,196.05	4,420.84	88.05	87.98	-76.08	-1,084.56	-3,650.60	546.93	377.58	169.35	3.230		
6,400.00	4,617.62	6,295.48	4,476.91	90.06	89.92	-76.40	-1,107.15	-3,729.54	557.12	383.72	173.39	3.213		
6,500.00	4,673.83	6,394.91	4,532.98	92.07	91.87	-76.71	-1,129.75	-3,808.49	567.32	389.89	177.43	3.197		
6,600.00	4,730.05	6,494.34	4,589.04	94.07	93.82	-77.01	-1,152.34	-3,887.44	577.54	396.07	181.47	3.183		
6,700.00	4,786.26	6,593.77	4,645.11	96.08	95.77	-77.30	-1,174.94	-3,966.38	587.78	402.27	185.51	3.168		
6,800.00	4,842.47	6,693.20	4,701.18	98.09	97.71	-77.58	-1,197.53	-4,045.33	598.03	408.49	189.54	3.155		
6,900.00	4,898.68	6,792.63	4,757.24	100.09	99.66	-77.85	-1,220.13	-4,124.28	608.30	414.72	193.58	3.142		
7,000.00	4,954.90	6,892.07	4,813.31	102.10	101.61	-78.11	-1,242.72	-4,203.22	618.58	420.97	197.61	3.130		
7,100.00	5,011.11	6,991.50	4,869.38	104.11	103.56	-78.37	-1,265.32	-4,282.17	628.87	427.23	201.64	3.119		
7,200.00	5,067.32	7,090.93	4,925.45	106.12	105.51	-78.61	-1,287.91	-4,361.12	639.17	433.50	205.67	3.108		
7,300.00	5,123.53	7,190.36	4,981.51	108.13	107.46	-78.85	-1,310.51	-4,440.06	649.48	439.79	209.70	3.097		
7,400.00	5,179.75	7,289.79	5,037.58	110.14	109.41	-79.08	-1,333.10	-4,519.01	659.81	446.08	213.72	3.087		
7,500.00	5,235.96	7,389.22	5,093.65	112.15	111.36	-79.30	-1,355.70	-4,597.96	670.14	452.39	217.75	3.078		
7,600.00	5,292.17	7,488.65	5,149.71	114.16	113.31	-79.51	-1,378.30	-4,676.90	680.49	458.72	221.77	3.068		
7,700.00	5,348.38	7,588.09	5,205.78	116.17	115.26	-79.72	-1,400.89	-4,755.85	690.84	465.05	225.79	3.060		
7,800.00	5,404.60	7,687.52	5,261.85	118.18	117.21	-79.93	-1,423.49	-4,834.79	701.20	471.39	229.81	3.051		
7,900.00	5,460.81	7,786.95	5,317.91	120.19	119.16	-80.12	-1,446.08	-4,913.74	711.57	477.74	233.83	3.043		
8,000.00	5,517.02	7,886.38	5,373.98	122.20	121.11	-80.32	-1,468.68	-4,992.69	721.95	484.10	237.85	3.035		
8,100.00	5,573.24	7,985.81	5,430.05	124.21	123.06	-80.50	-1,491.27	-5,071.63	732.34	490.47	241.86	3.028		
8,200.00	5,629.45	8,085.24	5,486.12	126.22	125.02	-80.68	-1,513.87	-5,150.58	742.73	496.85	245.88	3.021		
8,300.00	5,685.66	8,184.67	5,542.18	128.23	126.97	-80.86	-1,536.46	-5,229.53	753.13	503.24	249.89	3.014		
8,400.00	5,741.87	8,284.11	5,598.25	130.24	128.92	-81.03	-1,559.06	-5,308.47	763.54	509.64	253.90	3.007		
8,500.00	5,798.09	8,383.54	5,654.32	132.25	130.87	-81.20	-1,581.65	-5,387.42	773.95	516.04	257.91	3.001		
8,600.00	5,854.30	8,482.97	5,710.38	134.26	132.82	-81.36	-1,604.25	-5,466.37	784.37	522.45	261.92	2.995		
8,700.00	5,910.51	8,582.40	5,766.45	136.28	134.77	-81.51	-1,626.84	-5,545.31	794.80	528.87	265.93	2.989		
8,800.00	5,966.72	8,681.83	5,822.52	138.29	136.73	-81.67	-1,649.44	-5,624.26	805.23	535.29	269.94	2.983		
8,900.00	6,022.94	8,781.26	5,878.59	140.30	138.68	-81.82	-1,672.04	-5,703.21	815.67	541.72	273.95	2.977		
9,000.00	6,079.15	8,880.69	5,934.65	142.31	140.63	-81.96	-1,694.63	-5,782.15	826.11	548.16	277.95	2.972		
9,100.00	6,135.36	8,980.13	5,990.72	144.32	142.58	-82.11	-1,717.23	-5,861.10	836.56	554.60	281.96	2.967		
9,200.00	6,191.57	9,079.56	6,046.79	146.34	144.53	-82.25	-1,739.82	-5,940.05	847.02	561.05	285.96	2.962		
9,300.00	6,247.79	9,178.99	6,102.85	148.35	146.49	-82.38	-1,762.42	-6,018.99	857.47	567.51	289.97	2.957		
9,400.00	6,304.00	9,278.42	6,158.92	150.36	148.44	-82.51	-1,785.01	-6,097.94	867.94	573.97	293.97	2.952		
9,500.00	6,360.21	9,377.85	6,214.99	152.37	150.39	-82.64	-1,807.61	-6,176.88	878.40	580.44	297.97	2.948		
9,600.00	6,416.42	9,477.28	6,271.05	154.39	152.35	-82.77	-1,830.20	-6,255.83	888.88	586.91	301.97	2.944		
9,700.00	6,472.64	9,576.71	6,327.12	156.40	154.30	-82.89	-1,852.80	-6,334.78	899.35	593.38	305.97	2.939		
9,800.00	6,528.85	9,676.15	6,383.19	158.41	156.25	-83.01	-1,875.39	-6,413.72	909.83	599.86	309.97	2.935		
9,900.00	6,585.06	9,775.58	6,439.26	160.42	158.20	-83.13	-1,897.99	-6,492.67	920.32	606.35	313.97	2.931		
10,000.00	6,641.27	9,875.01	6,495.32	162.44	160.16	-83.24	-1,920.58	-6,571.62	930.80	612.84	317.96	2.927		
10,100.00	6,697.49	9,974.44	6,551.39	164.45	162.11	-83.36	-1,943.18	-6,650.56	941.29	619.34	321.96	2.924		
10,200.00	6,753.70	10,073.87	6,607.46	166.46	164.06	-83.47	-1,965.78	-6,729.51	951.79	625.83	325.95	2.920		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,809.91	10,173.30	6,663.52	168.48	166.02	-83.57	-1,988.37	-6,808.46	962.29	632.34	329.95	2.916		
10,400.00	6,866.12	10,272.73	6,719.59	170.49	167.97	-83.68	-2,010.97	-6,887.40	972.79	638.84	333.94	2.913		
10,500.00	6,922.34	10,372.17	6,775.66	172.50	169.92	-83.78	-2,033.56	-6,966.35	983.29	645.36	337.94	2.910		
10,600.00	6,978.55	10,471.60	6,831.73	174.52	171.88	-83.88	-2,056.16	-7,045.30	993.80	651.87	341.93	2.906		
10,700.00	7,034.76	10,571.03	6,887.79	176.53	173.83	-83.98	-2,078.75	-7,124.24	1,004.31	658.39	345.92	2.903		
10,800.00	7,090.98	10,670.46	6,943.86	178.54	175.78	-84.08	-2,101.35	-7,203.19	1,014.82	664.91	349.92	2.900		
10,900.00	7,147.19	10,769.89	6,999.93	180.56	177.74	-84.17	-2,123.94	-7,282.13	1,025.34	671.43	353.91	2.897		
11,000.00	7,203.40	10,869.32	7,055.99	182.57	179.69	-84.26	-2,146.54	-7,361.08	1,035.86	677.96	357.90	2.894		
11,100.00	7,259.61	10,968.75	7,112.06	184.58	181.64	-84.35	-2,169.13	-7,440.03	1,046.38	684.49	361.89	2.891		
11,200.00	7,315.83	11,068.19	7,168.13	186.60	183.60	-84.44	-2,191.73	-7,518.97	1,056.91	691.03	365.88	2.889		
11,300.00	7,372.04	11,167.62	7,224.19	188.61	185.55	-84.53	-2,214.32	-7,597.92	1,067.43	697.57	369.86	2.886		
11,400.00	7,428.25	11,267.05	7,280.26	190.63	187.51	-84.62	-2,236.92	-7,676.87	1,077.96	704.11	373.85	2.883		
11,500.00	7,484.46	11,366.48	7,336.33	192.64	189.46	-84.70	-2,259.52	-7,755.81	1,088.49	710.65	377.84	2.881		
11,600.00	7,540.68	11,465.91	7,392.40	194.65	191.41	-84.78	-2,282.11	-7,834.76	1,099.03	717.20	381.83	2.878		
11,700.00	7,596.89	11,565.34	7,448.46	196.67	193.37	-84.86	-2,304.71	-7,913.71	1,109.56	723.75	385.82	2.876		
11,800.00	7,653.10	11,664.77	7,504.53	198.68	195.32	-84.94	-2,327.30	-7,992.65	1,120.10	730.30	389.80	2.874		
11,900.00	7,708.64	11,764.16	7,560.57	200.71	197.27	-85.23	-2,349.89	-8,071.57	1,130.78	736.95	393.83	2.871		
12,000.00	7,753.02	11,862.01	7,615.75	202.96	199.20	-85.90	-2,372.12	-8,149.26	1,143.77	745.25	398.52	2.870		
12,100.00	7,781.64	11,955.38	7,668.39	205.41	201.03	-86.45	-2,393.34	-8,223.39	1,160.08	756.35	403.72	2.873		
12,200.00	7,793.64	12,237.96	7,782.30	207.95	207.37	-89.64	-2,439.19	-8,474.89	1,175.57	764.73	410.84	2.861		
12,300.00	7,794.00	12,430.45	7,794.00	210.49	212.13	-90.05	-2,443.81	-8,666.49	1,176.62	763.66	412.96	2.849		
12,400.00	7,794.00	12,530.45	7,794.00	213.04	214.59	-90.05	-2,443.75	-8,766.49	1,176.66	758.57	418.09	2.814		
12,500.00	7,794.00	12,630.45	7,794.00	215.58	217.07	-90.05	-2,443.70	-8,866.49	1,176.69	753.46	423.23	2.780		
12,600.00	7,794.00	12,730.45	7,794.00	218.14	219.55	-90.05	-2,443.64	-8,966.49	1,176.72	748.35	428.37	2.747		
12,700.00	7,794.00	12,830.45	7,794.00	220.69	222.03	-90.05	-2,443.58	-9,066.49	1,176.75	743.23	433.52	2.714		
12,800.00	7,794.00	12,930.45	7,794.00	223.25	224.52	-90.05	-2,443.53	-9,166.49	1,176.79	738.11	438.67	2.683		
12,900.00	7,794.00	13,030.45	7,794.00	225.81	227.01	-90.05	-2,443.47	-9,266.49	1,176.82	732.98	443.84	2.651		
13,000.00	7,794.00	13,130.45	7,794.00	228.37	229.51	-90.05	-2,443.41	-9,366.49	1,176.85	727.85	449.00	2.621		
13,100.00	7,794.00	13,230.45	7,794.00	230.94	232.02	-90.05	-2,443.36	-9,466.49	1,176.88	722.71	454.17	2.591		
13,200.00	7,794.00	13,330.45	7,794.00	233.51	234.52	-90.05	-2,443.30	-9,566.49	1,176.91	717.56	459.35	2.562		
13,300.00	7,794.00	13,430.45	7,794.00	236.08	237.03	-90.05	-2,443.25	-9,666.49	1,176.95	712.41	464.53	2.534		
13,400.00	7,794.00	13,530.45	7,794.00	238.66	239.55	-90.05	-2,443.19	-9,766.49	1,176.98	707.26	469.72	2.506		
13,500.00	7,794.00	13,630.45	7,794.00	241.24	242.07	-90.05	-2,443.13	-9,866.49	1,177.01	702.10	474.91	2.478		
13,600.00	7,794.00	13,730.45	7,794.00	243.82	244.59	-90.05	-2,443.08	-9,966.49	1,177.04	696.94	480.11	2.452		
13,700.00	7,794.00	13,830.45	7,794.00	246.40	247.12	-90.05	-2,443.02	-10,066.49	1,177.08	691.77	485.31	2.425		
13,800.00	7,794.00	13,930.45	7,794.00	248.99	249.65	-90.05	-2,442.96	-10,166.49	1,177.11	686.60	490.51	2.400		
13,900.00	7,794.00	14,030.45	7,794.00	251.58	252.18	-90.05	-2,442.91	-10,266.49	1,177.14	681.42	495.72	2.375		
14,000.00	7,794.00	14,130.45	7,794.00	254.17	254.72	-90.05	-2,442.85	-10,366.49	1,177.17	676.24	500.93	2.350		
14,100.00	7,794.00	14,230.45	7,794.00	256.76	257.26	-90.05	-2,442.79	-10,466.49	1,177.20	671.05	506.15	2.326		
14,200.00	7,794.00	14,330.45	7,794.00	259.36	259.80	-90.05	-2,442.74	-10,566.49	1,177.24	665.87	511.37	2.302		
14,300.00	7,794.00	14,430.45	7,794.00	261.95	262.35	-90.05	-2,442.68	-10,666.49	1,177.27	660.67	516.59	2.279		
14,400.00	7,794.00	14,530.45	7,794.00	264.55	264.90	-90.05	-2,442.62	-10,766.49	1,177.30	655.48	521.82	2.256		
14,500.00	7,794.00	14,630.45	7,794.00	267.15	267.45	-90.05	-2,442.57	-10,866.49	1,177.33	650.28	527.05	2.234		
14,600.00	7,794.00	14,730.45	7,794.00	269.76	270.01	-90.05	-2,442.51	-10,966.49	1,177.37	645.08	532.29	2.212		
14,700.00	7,794.00	14,830.45	7,794.00	272.36	272.56	-90.05	-2,442.46	-11,066.49	1,177.40	639.87	537.52	2.190		
14,800.00	7,794.00	14,930.45	7,794.00	274.97	275.12	-90.05	-2,442.40	-11,166.49	1,177.43	634.67	542.76	2.169		
14,900.00	7,794.00	15,030.45	7,794.00	277.58	277.69	-90.05	-2,442.34	-11,266.49	1,177.46	629.46	548.01	2.149		
15,000.00	7,794.00	15,130.45	7,794.00	280.19	280.25	-90.05	-2,442.29	-11,366.49	1,177.49	624.24	553.25	2.128		
15,100.00	7,794.00	15,230.45	7,794.00	282.80	282.82	-90.05	-2,442.23	-11,466.49	1,177.53	619.02	558.50	2.108		
15,200.00	7,794.00	15,330.45	7,794.00	285.41	285.39	-90.05	-2,442.17	-11,566.49	1,177.56	613.81	563.75	2.089		
15,300.00	7,794.00	15,430.45	7,794.00	288.03	287.97	-90.05	-2,442.12	-11,666.49	1,177.59	608.58	569.01	2.070		
15,400.00	7,794.00	15,530.45	7,794.00	290.64	290.54	-90.05	-2,442.06	-11,766.49	1,177.62	603.36	574.27	2.051		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 7H - 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	7,794.00	15,630.45	7,794.00	293.26	293.12	-90.05	-2,442.00	-11,866.49	1,177.66	598.13	579.53	2.032		
15,600.00	7,794.00	15,730.45	7,794.00	295.88	295.70	-90.05	-2,441.95	-11,966.49	1,177.69	592.90	584.79	2.014		
15,700.00	7,794.00	15,830.45	7,794.00	298.50	298.28	-90.05	-2,441.89	-12,066.49	1,177.72	587.67	590.05	1.996		
15,800.00	7,794.00	15,930.45	7,794.00	301.12	300.86	-90.05	-2,441.83	-12,166.49	1,177.75	582.43	595.32	1.978		
15,900.00	7,794.00	16,030.45	7,794.00	303.75	303.45	-90.05	-2,441.78	-12,266.49	1,177.79	577.20	600.59	1.961		
16,000.00	7,794.00	16,130.45	7,794.00	306.37	306.04	-90.05	-2,441.72	-12,366.49	1,177.82	571.96	605.86	1.944		
16,100.00	7,794.00	16,230.45	7,794.00	309.00	308.63	-90.05	-2,441.67	-12,466.49	1,177.85	566.72	611.13	1.927		
16,200.00	7,794.00	16,330.45	7,794.00	311.62	311.22	-90.05	-2,441.61	-12,566.49	1,177.88	561.47	616.41	1.911		
16,300.00	7,794.00	16,430.45	7,794.00	314.25	313.81	-90.05	-2,441.55	-12,666.49	1,177.91	556.23	621.69	1.895		
16,400.00	7,794.00	16,530.45	7,794.00	316.88	316.41	-90.05	-2,441.50	-12,766.49	1,177.95	550.98	626.97	1.879		
16,500.00	7,794.00	16,630.45	7,794.00	319.51	319.00	-90.05	-2,441.44	-12,866.49	1,177.98	545.73	632.25	1.863		
16,600.00	7,794.00	16,730.45	7,794.00	322.15	321.60	-90.05	-2,441.38	-12,966.49	1,178.01	540.48	637.53	1.848		
16,700.00	7,794.00	16,830.45	7,794.00	324.78	324.20	-90.05	-2,441.33	-13,066.49	1,178.04	535.23	642.82	1.833		
16,800.00	7,794.00	16,930.45	7,794.00	327.41	326.80	-90.05	-2,441.27	-13,166.49	1,178.08	529.97	648.11	1.818		
16,900.00	7,794.00	17,030.45	7,794.00	330.05	329.41	-90.05	-2,441.21	-13,266.49	1,178.11	524.71	653.39	1.803		
17,000.00	7,794.00	17,130.45	7,794.00	332.68	332.01	-90.05	-2,441.16	-13,366.49	1,178.14	519.45	658.69	1.789		
17,100.00	7,794.00	17,230.45	7,794.00	335.32	334.62	-90.05	-2,441.10	-13,466.49	1,178.17	514.19	663.98	1.774		
17,200.00	7,794.00	17,330.45	7,794.00	337.96	337.22	-90.05	-2,441.04	-13,566.49	1,178.20	508.93	669.27	1.760		
17,300.00	7,794.00	17,430.45	7,794.00	340.60	339.83	-90.05	-2,440.99	-13,666.49	1,178.24	503.67	674.57	1.747		
17,400.00	7,794.00	17,530.45	7,794.00	343.24	342.44	-90.05	-2,440.93	-13,766.49	1,178.27	498.40	679.87	1.733		
17,500.00	7,794.00	17,630.45	7,794.00	345.88	345.06	-90.05	-2,440.87	-13,866.49	1,178.30	493.14	685.16	1.720		
17,600.00	7,794.00	17,730.45	7,794.00	348.52	347.67	-90.05	-2,440.82	-13,966.49	1,178.33	487.87	690.46	1.707		
17,700.00	7,794.00	17,830.45	7,794.00	351.16	350.28	-90.05	-2,440.76	-14,066.49	1,178.37	482.60	695.77	1.694		
17,800.00	7,794.00	17,930.45	7,794.00	353.81	352.90	-90.05	-2,440.71	-14,166.49	1,178.40	477.33	701.07	1.681		
17,900.00	7,794.00	18,030.45	7,794.00	356.45	355.51	-90.05	-2,440.65	-14,266.49	1,178.43	472.06	706.37	1.668		
18,000.00	7,794.00	18,130.45	7,794.00	359.09	358.13	-90.05	-2,440.59	-14,366.49	1,178.46	466.78	711.68	1.656		
18,100.00	7,794.00	18,230.45	7,794.00	361.74	360.75	-90.05	-2,440.54	-14,466.49	1,178.49	461.51	716.99	1.644		
18,200.00	7,794.00	18,330.45	7,794.00	364.39	363.37	-90.05	-2,440.48	-14,566.49	1,178.53	456.23	722.30	1.632		
18,300.00	7,794.00	18,430.45	7,794.00	367.03	365.99	-90.05	-2,440.42	-14,666.49	1,178.56	450.95	727.61	1.620		
18,400.00	7,794.00	18,530.45	7,794.00	369.68	368.62	-90.05	-2,440.37	-14,766.49	1,178.59	445.67	732.92	1.608		
18,500.00	7,794.00	18,630.45	7,794.00	372.33	371.24	-90.05	-2,440.31	-14,866.49	1,178.62	440.39	738.23	1.597		
18,600.00	7,794.00	18,730.45	7,794.00	374.98	373.87	-90.05	-2,440.25	-14,966.49	1,178.66	435.11	743.54	1.585		
18,700.00	7,794.00	18,830.45	7,794.00	377.63	376.49	-90.05	-2,440.20	-15,066.49	1,178.69	429.83	748.86	1.574		
18,800.00	7,794.00	18,930.45	7,794.00	380.28	379.12	-90.05	-2,440.14	-15,166.49	1,178.72	424.55	754.17	1.563		
18,900.00	7,794.00	19,030.45	7,794.00	382.93	381.75	-90.05	-2,440.08	-15,266.49	1,178.75	419.26	759.49	1.552		
19,000.00	7,794.00	19,130.45	7,794.00	385.58	384.37	-90.05	-2,440.03	-15,366.49	1,178.79	413.98	764.81	1.541		
19,100.00	7,794.00	19,230.45	7,794.00	388.24	387.00	-90.05	-2,439.97	-15,466.49	1,178.82	408.69	770.13	1.531		
19,200.00	7,794.00	19,330.45	7,794.00	390.89	389.64	-90.05	-2,439.92	-15,566.49	1,178.85	403.40	775.45	1.520		
19,300.00	7,794.00	19,430.45	7,794.00	393.55	392.27	-90.05	-2,439.86	-15,666.49	1,178.88	398.11	780.77	1.510		
19,400.00	7,794.00	19,530.45	7,794.00	396.20	394.90	-90.05	-2,439.80	-15,766.49	1,178.91	392.82	786.09	1.500 Level 3		
19,500.00	7,794.00	19,630.45	7,794.00	398.85	397.53	-90.05	-2,439.75	-15,866.49	1,178.95	387.53	791.42	1.490 Level 3		
19,600.00	7,794.00	19,730.45	7,794.00	401.51	400.17	-90.05	-2,439.69	-15,966.49	1,178.98	382.24	796.74	1.480 Level 3		
19,700.00	7,794.00	19,830.45	7,794.00	404.17	402.80	-90.05	-2,439.63	-16,066.49	1,179.01	376.94	802.07	1.470 Level 3		
19,800.00	7,794.00	19,930.45	7,794.00	406.82	405.44	-90.05	-2,439.58	-16,166.49	1,179.04	371.65	807.39	1.460 Level 3		
19,900.00	7,794.00	20,030.45	7,794.00	409.48	408.08	-90.05	-2,439.52	-16,266.49	1,179.08	366.36	812.72	1.451 Level 3		
20,000.00	7,794.00	20,130.45	7,794.00	412.14	410.71	-90.05	-2,439.46	-16,366.49	1,179.11	361.06	818.05	1.441 Level 3		
20,100.00	7,794.00	20,230.45	7,794.00	414.80	413.35	-90.05	-2,439.41	-16,466.49	1,179.14	355.76	823.38	1.432 Level 3		
20,200.00	7,794.00	20,330.45	7,794.00	417.46	415.99	-90.05	-2,439.35	-16,566.49	1,179.17	350.47	828.71	1.423 Level 3		
20,300.00	7,794.00	20,430.45	7,794.00	420.12	418.63	-90.05	-2,439.29	-16,666.49	1,179.20	345.17	834.04	1.414 Level 3		
20,400.00	7,794.00	20,530.45	7,794.00	422.78	421.27	-90.05	-2,439.24	-16,766.49	1,179.24	339.87	839.37	1.405 Level 3		
20,500.00	7,794.00	20,630.45	7,794.00	425.44	423.91	-90.05	-2,439.18	-16,866.49	1,179.27	334.57	844.70	1.396 Level 3		
20,600.00	7,794.00	20,730.45	7,794.00	428.10	426.55	-90.05	-2,439.13	-16,966.49	1,179.30	329.27	850.03	1.387 Level 3		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,700.00	7,794.00	20,830.45	7,794.00	430.76	429.20	-90.05	-2,439.07	-17,066.49	1,179.33	323.97	855.37	1.379	Level 3	
20,800.00	7,794.00	20,930.45	7,794.00	433.42	431.84	-90.05	-2,439.01	-17,166.49	1,179.37	318.66	860.70	1.370	Level 3	
20,900.00	7,794.00	21,030.45	7,794.00	436.08	434.49	-90.05	-2,438.96	-17,266.49	1,179.40	313.36	866.04	1.362	Level 3	
21,000.00	7,794.00	21,130.45	7,794.00	438.74	437.13	-90.05	-2,438.90	-17,366.49	1,179.43	308.06	871.37	1.354	Level 3	
21,100.00	7,794.00	21,230.45	7,794.00	441.41	439.78	-90.05	-2,438.84	-17,466.49	1,179.46	302.75	876.71	1.345	Level 3	
21,200.00	7,794.00	21,330.45	7,794.00	444.07	442.42	-90.05	-2,438.79	-17,566.49	1,179.50	297.45	882.05	1.337	Level 3	
21,300.00	7,794.00	21,430.45	7,794.00	446.74	445.07	-90.05	-2,438.73	-17,666.49	1,179.53	292.14	887.39	1.329	Level 3	
21,400.00	7,794.00	21,530.45	7,794.00	449.40	447.72	-90.05	-2,438.67	-17,766.49	1,179.56	286.83	892.73	1.321	Level 3	
21,500.00	7,794.00	21,630.45	7,794.00	452.06	450.36	-90.05	-2,438.62	-17,866.49	1,179.59	281.53	898.07	1.313	Level 3	
21,600.00	7,794.00	21,730.45	7,794.00	454.73	453.01	-90.05	-2,438.56	-17,966.49	1,179.62	276.22	903.41	1.306	Level 3	
21,700.00	7,794.00	21,830.45	7,794.00	457.39	455.66	-90.05	-2,438.50	-18,066.49	1,179.66	270.91	908.75	1.298	Level 3	
21,800.00	7,794.00	21,930.45	7,794.00	460.06	458.31	-90.05	-2,438.45	-18,166.49	1,179.69	265.60	914.09	1.291	Level 3	
21,900.00	7,794.00	22,030.45	7,794.00	462.73	460.96	-90.05	-2,438.39	-18,266.49	1,179.72	260.29	919.43	1.283	Level 3	
22,000.00	7,794.00	22,130.45	7,794.00	465.39	463.61	-90.05	-2,438.34	-18,366.49	1,179.75	254.98	924.77	1.276	Level 3	
22,100.00	7,794.00	22,230.45	7,794.00	468.06	466.26	-90.05	-2,438.28	-18,466.49	1,179.79	249.67	930.12	1.268	Level 3	
22,200.00	7,794.00	22,330.45	7,794.00	470.73	468.92	-90.05	-2,438.22	-18,566.49	1,179.82	244.36	935.46	1.261	Level 3	
22,300.00	7,794.00	22,430.45	7,794.00	473.40	471.57	-90.05	-2,438.17	-18,666.49	1,179.85	239.04	940.81	1.254	Level 3	
22,400.00	7,794.00	22,530.45	7,794.00	476.06	474.22	-90.05	-2,438.11	-18,766.49	1,179.88	233.73	946.15	1.247	Level 2	
22,500.00	7,794.00	22,630.45	7,794.00	478.73	476.87	-90.05	-2,438.05	-18,866.49	1,179.91	228.42	951.50	1.240	Level 2	
22,600.00	7,794.00	22,730.45	7,794.00	481.40	479.53	-90.05	-2,438.00	-18,966.49	1,179.95	223.10	956.84	1.233	Level 2	
22,700.00	7,794.00	22,830.45	7,794.00	484.07	482.18	-90.05	-2,437.94	-19,066.49	1,179.98	217.79	962.19	1.226	Level 2	
22,800.00	7,794.00	22,930.45	7,794.00	486.74	484.84	-90.05	-2,437.88	-19,166.49	1,180.01	212.47	967.54	1.220	Level 2	
22,900.00	7,794.00	23,030.45	7,794.00	489.41	487.49	-90.05	-2,437.83	-19,266.49	1,180.04	207.16	972.89	1.213	Level 2	
23,000.00	7,794.00	23,130.45	7,794.00	492.08	490.15	-90.05	-2,437.77	-19,366.49	1,180.08	201.84	978.23	1.206	Level 2	
23,100.00	7,794.00	23,230.45	7,794.00	494.75	492.81	-90.05	-2,437.71	-19,466.49	1,180.11	196.52	983.58	1.200	Level 2	
23,200.00	7,794.00	23,330.45	7,794.00	497.42	495.46	-90.05	-2,437.66	-19,566.49	1,180.14	191.21	988.93	1.193	Level 2	
23,300.00	7,794.00	23,430.45	7,794.00	500.09	498.12	-90.05	-2,437.60	-19,666.49	1,180.17	185.89	994.28	1.187	Level 2	
23,400.00	7,794.00	23,530.45	7,794.00	502.76	500.78	-90.05	-2,437.55	-19,766.49	1,180.20	180.57	999.63	1.181	Level 2	
23,500.00	7,794.00	23,630.45	7,794.00	505.43	503.43	-90.05	-2,437.49	-19,866.49	1,180.24	175.25	1,004.98	1.174	Level 2	
23,600.00	7,794.00	23,730.45	7,794.00	508.10	506.09	-90.05	-2,437.43	-19,966.49	1,180.27	169.93	1,010.34	1.168	Level 2	
23,700.00	7,794.00	23,830.45	7,794.00	510.78	508.75	-90.05	-2,437.38	-20,066.49	1,180.30	164.61	1,015.69	1.162	Level 2	
23,800.00	7,794.00	23,930.45	7,794.00	513.45	511.41	-90.05	-2,437.32	-20,166.49	1,180.33	159.29	1,021.04	1.156	Level 2	
23,900.00	7,794.00	24,030.45	7,794.00	516.12	514.07	-90.05	-2,437.26	-20,266.49	1,180.37	153.97	1,026.39	1.150	Level 2	
24,000.00	7,794.00	24,130.45	7,794.00	518.79	516.73	-90.05	-2,437.21	-20,366.49	1,180.40	148.65	1,031.75	1.144	Level 2	
24,100.00	7,794.00	24,230.45	7,794.00	521.47	519.39	-90.05	-2,437.15	-20,466.49	1,180.43	143.33	1,037.10	1.138	Level 2	
24,200.00	7,794.00	24,330.45	7,794.00	524.14	522.05	-90.05	-2,437.09	-20,566.49	1,180.46	138.01	1,042.45	1.132	Level 2	
24,300.00	7,794.00	24,430.45	7,794.00	526.81	524.71	-90.05	-2,437.04	-20,666.49	1,180.50	132.69	1,047.81	1.127	Level 2	
24,400.00	7,794.00	24,530.45	7,794.00	529.49	527.38	-90.05	-2,436.98	-20,766.49	1,180.53	127.36	1,053.16	1.121	Level 2	
24,500.00	7,794.00	24,630.45	7,794.00	532.16	530.04	-90.05	-2,436.92	-20,866.49	1,180.56	122.04	1,058.52	1.115	Level 2	
24,600.00	7,794.00	24,730.45	7,794.00	534.84	532.70	-90.05	-2,436.87	-20,966.49	1,180.59	116.72	1,063.88	1.110	Level 2	
24,700.00	7,794.00	24,830.45	7,794.00	537.51	535.36	-90.05	-2,436.81	-21,066.49	1,180.62	111.39	1,069.23	1.104	Level 2	
24,800.00	7,794.00	24,930.45	7,794.00	540.19	538.03	-90.05	-2,436.76	-21,166.49	1,180.66	106.07	1,074.59	1.099	Level 2	
24,900.00	7,794.00	25,030.45	7,794.00	542.86	540.69	-90.05	-2,436.70	-21,266.49	1,180.69	100.74	1,079.95	1.093	Level 2	
25,000.00	7,794.00	25,130.45	7,794.00	545.54	543.35	-90.05	-2,436.64	-21,366.49	1,180.72	95.42	1,085.30	1.088	Level 2	
25,100.00	7,794.00	25,230.45	7,794.00	548.21	546.02	-90.05	-2,436.59	-21,466.49	1,180.75	90.09	1,090.66	1.083	Level 2	
25,200.00	7,794.00	25,330.45	7,794.00	550.89	548.68	-90.05	-2,436.53	-21,566.49	1,180.79	84.77	1,096.02	1.077	Level 2	
25,300.00	7,794.00	25,430.45	7,794.00	553.56	551.35	-90.05	-2,436.47	-21,666.49	1,180.82	79.44	1,101.38	1.072	Level 2	
25,400.00	7,794.00	25,530.45	7,794.00	556.24	554.01	-90.05	-2,436.42	-21,766.49	1,180.85	74.11	1,106.74	1.067	Level 2	
25,500.00	7,794.00	25,630.45	7,794.00	558.92	556.68	-90.05	-2,436.36	-21,866.49	1,180.88	68.79	1,112.10	1.062	Level 2	
25,600.00	7,794.00	25,730.45	7,794.00	561.59	559.34	-90.05	-2,436.30	-21,966.49	1,180.91	63.46	1,117.46	1.057	Level 2	
25,700.00	7,794.00	25,830.45	7,794.00	564.27	562.01	-90.05	-2,436.25	-22,066.49	1,180.95	58.13	1,122.82	1.052	Level 2	
25,800.00	7,794.00	25,930.45	7,794.00	566.95	564.68	-90.05	-2,436.19	-22,166.49	1,180.98	52.80	1,128.18	1.047	Level 2	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 7H - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
25,900.00	7,794.00	26,030.45	7,794.00	569.62	567.34	-90.05	-2,436.13	-22,266.49	1,181.01	47.47	1,133.54	1.042	Level 2
26,000.00	7,794.00	26,130.45	7,794.00	572.30	570.01	-90.05	-2,436.08	-22,366.49	1,181.04	42.15	1,138.90	1.037	Level 2
26,100.00	7,794.00	26,230.45	7,794.00	574.98	572.68	-90.05	-2,436.02	-22,466.49	1,181.08	36.82	1,144.26	1.032	Level 2
26,200.00	7,794.00	26,330.45	7,794.00	577.66	575.34	-90.05	-2,435.97	-22,566.49	1,181.11	31.49	1,149.62	1.027	Level 2
26,300.00	7,794.00	26,430.45	7,794.00	580.33	578.01	-90.05	-2,435.91	-22,666.49	1,181.14	26.16	1,154.98	1.023	Level 2
26,400.00	7,794.00	26,530.45	7,794.00	583.01	580.68	-90.05	-2,435.85	-22,766.49	1,181.17	20.83	1,160.34	1.018	Level 2
26,500.00	7,794.00	26,630.45	7,794.00	585.69	583.35	-90.05	-2,435.80	-22,866.49	1,181.20	15.50	1,165.71	1.013	Level 2
26,600.00	7,794.00	26,730.45	7,794.00	588.37	586.02	-90.05	-2,435.74	-22,966.49	1,181.24	10.17	1,171.07	1.009	Level 2
26,700.00	7,794.00	26,830.45	7,794.00	591.05	588.69	-90.05	-2,435.68	-23,066.49	1,181.27	4.84	1,176.43	1.004	Level 2
26,800.00	7,794.00	26,930.45	7,794.00	593.73	591.36	-90.05	-2,435.63	-23,166.49	1,181.30	-0.50	1,181.80	1.000	Level 1
26,900.00	7,794.00	27,030.89	7,794.00	596.40	594.04	-90.05	-2,435.57	-23,266.93	1,181.33	-5.81	1,187.14	0.995	Level 1
26,932.55	7,794.00	27,063.44	7,794.00	597.28	594.91	-90.05	-2,435.54	-23,299.48	1,181.33	-7.55	1,188.89	0.994	Level 1, ES, SF

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	147.25	-50.27	32.33	59.78				
100.00	100.00	99.00	99.00	0.27	0.27	147.25	-50.27	32.33	59.77	59.23	0.54	111.711	
200.00	200.00	199.44	199.42	0.63	0.62	148.87	-50.85	30.70	59.40	58.15	1.25	47.703	
300.00	300.00	299.63	299.47	0.99	0.98	153.89	-52.59	25.77	58.57	56.61	1.96	29.846	
380.90	380.90	380.35	379.90	1.28	1.28	160.51	-54.84	19.41	58.17	55.62	2.56	22.769 CC	
400.00	400.00	399.34	398.80	1.34	1.35	162.40	-55.48	17.60	58.21	55.51	2.70	21.597 ES	
500.00	500.00	498.33	497.05	1.70	1.74	173.99	-59.49	6.26	59.85	56.41	3.44	17.383	
600.00	599.98	596.64	594.16	2.05	2.16	-75.58	-64.59	-8.15	64.83	60.65	4.19	15.478	
700.00	699.84	694.48	690.23	2.40	2.61	-66.02	-70.77	-25.61	72.71	67.78	4.93	14.754	
800.00	799.45	791.85	785.15	2.76	3.09	-58.75	-78.00	-46.04	82.67	77.00	5.67	14.577	
900.00	898.70	888.75	878.83	3.13	3.61	-53.38	-86.26	-69.39	94.06	87.64	6.42	14.647	
1,000.00	997.47	985.19	971.17	3.53	4.16	-49.45	-95.53	-95.57	106.43	99.25	7.18	14.817	
1,100.00	1,095.62	1,081.17	1,062.10	3.95	4.77	-46.58	-105.78	-124.53	119.50	111.53	7.97	14.999	
1,200.00	1,193.06	1,176.70	1,151.53	4.41	5.42	-44.50	-116.98	-156.18	133.07	124.29	8.78	15.162	
1,300.00	1,289.64	1,271.78	1,239.38	4.91	6.12	-43.00	-129.11	-190.46	147.01	137.39	9.62	15.286	
1,400.00	1,385.27	1,366.42	1,325.58	5.45	6.87	-41.95	-142.14	-227.29	161.24	150.75	10.50	15.361	
1,500.00	1,479.82	1,460.63	1,410.05	6.04	7.67	-41.22	-156.05	-266.59	175.71	164.29	11.42	15.382	
1,600.00	1,573.17	1,554.41	1,492.73	6.69	8.53	-40.76	-170.81	-308.30	190.36	177.96	12.40	15.350	
1,700.00	1,665.21	1,647.77	1,573.56	7.39	9.44	-40.50	-186.39	-352.33	205.18	191.74	13.44	15.264	
1,800.00	1,755.84	1,740.72	1,652.49	8.16	10.41	-40.41	-202.77	-398.62	220.13	205.58	14.55	15.128	
1,900.00	1,844.94	1,833.27	1,729.44	9.00	11.43	-40.44	-219.92	-447.08	235.20	219.46	15.74	14.945	
2,000.00	1,932.39	1,925.43	1,804.39	9.91	12.50	-40.57	-237.81	-497.63	250.38	233.37	17.01	14.720	
2,100.00	2,018.11	2,017.20	1,877.26	10.89	13.63	-40.79	-256.42	-550.21	265.66	247.29	18.37	14.459	
2,200.00	2,101.97	2,108.61	1,948.03	11.94	14.82	-41.08	-275.71	-604.73	281.02	261.19	19.84	14.166	
2,300.00	2,183.88	2,200.00	2,016.92	13.08	16.06	-41.43	-295.75	-661.35	296.47	275.05	21.42	13.842	
2,400.00	2,263.74	2,290.33	2,083.08	14.28	17.35	-41.81	-316.26	-719.32	311.99	288.89	23.10	13.506	
2,500.00	2,341.45	2,380.68	2,147.29	15.57	18.70	-42.24	-337.47	-779.24	327.57	302.67	24.91	13.152	
2,600.00	2,416.92	2,470.70	2,209.24	16.93	20.10	-42.70	-359.25	-840.81	343.22	316.38	26.84	12.788	
2,700.00	2,490.05	2,560.40	2,268.89	18.37	21.56	-43.18	-381.60	-903.96	358.92	330.02	28.90	12.419	
2,800.00	2,560.76	2,649.80	2,326.23	19.88	23.06	-43.68	-404.48	-968.61	374.67	343.58	31.09	12.050	
2,900.00	2,628.95	2,738.90	2,381.22	21.48	24.60	-44.20	-427.86	-1,034.70	390.47	357.05	33.42	11.683	
3,000.00	2,694.55	2,827.72	2,433.85	23.15	26.19	-44.73	-451.73	-1,102.15	406.30	370.42	35.88	11.323	
3,100.00	2,757.48	2,922.24	2,487.87	24.89	27.93	-45.38	-477.61	-1,175.26	421.76	383.07	38.69	10.902	
3,200.00	2,817.66	3,020.97	2,544.10	26.70	29.77	-46.34	-504.68	-1,251.77	435.12	393.25	41.88	10.391	
3,300.00	2,875.03	3,119.75	2,600.36	28.58	31.61	-47.59	-531.77	-1,328.30	446.33	400.97	45.35	9.841	
3,400.00	2,931.24	3,218.51	2,656.61	30.50	33.46	-49.06	-558.85	-1,404.84	456.87	407.87	49.00	9.324	
3,500.00	2,987.46	3,317.28	2,712.86	32.43	35.32	-50.46	-585.93	-1,481.37	467.69	414.98	52.72	8.872	
3,600.00	3,043.67	3,416.05	2,769.12	34.37	37.18	-51.80	-613.01	-1,557.90	478.79	422.29	56.50	8.475	
3,700.00	3,099.88	3,514.81	2,825.37	36.32	39.05	-53.07	-640.10	-1,634.43	490.13	429.81	60.32	8.125	
3,800.00	3,156.09	3,613.58	2,881.62	38.27	40.92	-54.29	-667.18	-1,710.96	501.71	437.51	64.20	7.815	
3,900.00	3,212.31	3,712.35	2,937.87	40.23	42.79	-55.46	-694.26	-1,787.49	513.50	445.39	68.11	7.539	
4,000.00	3,268.52	3,811.11	2,994.13	42.20	44.66	-56.57	-721.34	-1,864.02	525.49	453.44	72.05	7.293	
4,100.00	3,324.73	3,909.88	3,050.38	44.17	46.54	-57.63	-748.43	-1,940.55	537.68	461.66	76.02	7.073	
4,200.00	3,380.94	4,008.65	3,106.63	46.15	48.42	-58.65	-775.51	-2,017.09	550.04	470.03	80.01	6.875	
4,300.00	3,437.16	4,107.41	3,162.88	48.12	50.30	-59.62	-802.59	-2,093.62	562.56	478.54	84.02	6.696	
4,400.00	3,493.37	4,206.18	3,219.14	50.11	52.18	-60.55	-829.67	-2,170.15	575.24	487.19	88.04	6.534	
4,500.00	3,549.58	4,304.95	3,275.39	52.09	54.07	-61.44	-856.76	-2,246.68	588.06	495.98	92.08	6.386	
4,600.00	3,605.79	4,403.71	3,331.64	54.08	55.95	-62.29	-883.84	-2,323.21	601.01	504.89	96.12	6.252	
4,700.00	3,662.01	4,502.48	3,387.89	56.07	57.84	-63.11	-910.92	-2,399.74	614.09	513.91	100.18	6.130	
4,800.00	3,718.22	4,601.25	3,444.15	58.06	59.73	-63.89	-938.00	-2,476.27	627.29	523.05	104.24	6.018	
4,900.00	3,774.43	4,700.01	3,500.40	60.05	61.62	-64.64	-965.09	-2,552.81	640.60	532.30	108.30	5.915	
5,000.00	3,830.65	4,798.78	3,556.65	62.04	63.51	-65.36	-992.17	-2,629.34	654.01	541.64	112.37	5.820	

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	3,886.86	4,897.55	3,612.91	64.04	65.40	-66.05	-1,019.25	-2,705.87	667.52	551.08	116.44	5.733		
5,200.00	3,943.07	4,996.31	3,669.16	66.03	67.29	-66.71	-1,046.33	-2,782.40	681.12	560.61	120.51	5.652		
5,300.00	3,999.28	5,095.08	3,725.41	68.03	69.19	-67.35	-1,073.42	-2,858.93	694.81	570.23	124.59	5.577		
5,400.00	4,055.50	5,193.85	3,781.66	70.03	71.08	-67.96	-1,100.50	-2,935.46	708.58	579.93	128.66	5.508		
5,500.00	4,111.71	5,292.61	3,837.92	72.03	72.97	-68.55	-1,127.58	-3,011.99	722.43	589.70	132.73	5.443		
5,600.00	4,167.92	5,391.38	3,894.17	74.03	74.87	-69.11	-1,154.67	-3,088.52	736.35	599.55	136.80	5.383		
5,700.00	4,224.13	5,490.15	3,950.42	76.03	76.76	-69.66	-1,181.75	-3,165.06	750.34	609.47	140.87	5.326		
5,800.00	4,280.35	5,588.91	4,006.67	78.03	78.66	-70.19	-1,208.83	-3,241.59	764.39	619.46	144.94	5.274		
5,900.00	4,336.56	5,687.68	4,062.93	80.04	80.55	-70.69	-1,235.91	-3,318.12	778.51	629.50	149.00	5.225		
6,000.00	4,392.77	5,786.45	4,119.18	82.04	82.45	-71.18	-1,263.00	-3,394.65	792.68	639.61	153.07	5.179		
6,100.00	4,448.98	5,885.21	4,175.43	84.04	84.35	-71.65	-1,290.08	-3,471.18	806.91	649.78	157.13	5.135		
6,200.00	4,505.20	5,983.98	4,231.68	86.05	86.24	-72.11	-1,317.16	-3,547.71	821.19	660.00	161.19	5.095		
6,300.00	4,561.41	6,082.75	4,287.94	88.05	88.14	-72.55	-1,344.24	-3,624.24	835.52	670.27	165.24	5.056		
6,400.00	4,617.62	6,181.51	4,344.19	90.06	90.04	-72.98	-1,371.31	-3,700.77	849.89	680.60	169.30	5.020		
6,500.00	4,673.83	6,280.28	4,400.44	92.07	91.94	-73.39	-1,398.41	-3,777.31	864.31	690.97	173.35	4.986		
6,600.00	4,730.05	6,379.05	4,456.69	94.07	93.83	-73.79	-1,425.49	-3,853.84	878.78	701.38	177.39	4.954		
6,700.00	4,786.26	6,477.81	4,512.95	96.08	95.73	-74.17	-1,452.57	-3,930.37	893.28	711.84	181.44	4.923		
6,800.00	4,842.47	6,576.58	4,569.20	98.09	97.63	-74.54	-1,479.66	-4,006.90	907.82	722.34	185.48	4.894		
6,900.00	4,898.68	6,675.35	4,625.45	100.09	99.53	-74.90	-1,506.74	-4,083.43	922.40	732.88	189.52	4.867		
7,000.00	4,954.90	6,774.11	4,681.70	102.10	101.43	-75.25	-1,533.82	-4,159.96	937.01	743.45	193.56	4.841		
7,100.00	5,011.11	6,872.88	4,737.96	104.11	103.33	-75.59	-1,560.90	-4,236.49	951.65	754.07	197.59	4.816		
7,200.00	5,067.32	6,971.65	4,794.21	106.12	105.23	-75.92	-1,587.99	-4,313.03	966.33	764.71	201.62	4.793		
7,300.00	5,123.53	7,070.42	4,850.46	108.13	107.13	-76.24	-1,615.07	-4,389.56	981.04	775.39	205.65	4.771		
7,400.00	5,179.75	7,169.18	4,906.71	110.14	109.03	-76.55	-1,642.15	-4,466.09	995.78	786.10	209.67	4.749		
7,500.00	5,235.96	7,267.95	4,962.97	112.15	110.93	-76.85	-1,669.24	-4,542.62	1,010.54	796.85	213.69	4.729		
7,600.00	5,292.17	7,366.72	5,019.22	114.16	112.83	-77.14	-1,696.32	-4,619.15	1,025.33	807.62	217.71	4.710		
7,700.00	5,348.38	7,465.48	5,075.47	116.17	114.73	-77.43	-1,723.40	-4,695.68	1,040.15	818.42	221.73	4.691		
7,800.00	5,404.60	7,564.25	5,131.72	118.18	116.63	-77.70	-1,750.48	-4,772.21	1,054.99	829.24	225.74	4.673		
7,900.00	5,460.81	7,663.02	5,187.98	120.19	118.53	-77.97	-1,777.57	-4,848.74	1,069.85	840.10	229.75	4.657		
8,000.00	5,517.02	7,761.78	5,244.23	122.20	120.43	-78.23	-1,804.65	-4,925.28	1,084.74	850.97	233.76	4.640		
8,100.00	5,573.24	7,860.55	5,300.48	124.21	122.33	-78.48	-1,831.73	-5,001.81	1,099.64	861.88	237.77	4.625		
8,200.00	5,629.45	7,959.32	5,356.73	126.22	124.23	-78.73	-1,858.81	-5,078.34	1,114.57	872.80	241.77	4.610		
8,300.00	5,685.66	8,058.08	5,412.99	128.23	126.13	-78.97	-1,885.90	-5,154.87	1,129.52	883.75	245.77	4.596		
8,400.00	5,741.87	8,156.85	5,469.24	130.24	128.03	-79.20	-1,912.98	-5,231.40	1,144.49	894.71	249.77	4.582		
8,500.00	5,798.09	8,255.62	5,525.49	132.25	129.94	-79.43	-1,940.06	-5,307.93	1,159.47	905.70	253.77	4.569		
8,600.00	5,854.30	8,354.38	5,581.75	134.26	131.84	-79.66	-1,967.14	-5,384.46	1,174.47	916.71	257.77	4.556		
8,700.00	5,910.51	8,453.15	5,638.00	136.28	133.74	-79.87	-1,994.23	-5,461.00	1,189.49	927.73	261.76	4.544		
8,800.00	5,966.72	8,551.92	5,694.25	138.29	135.64	-80.08	-2,021.31	-5,537.53	1,204.53	938.78	265.75	4.533		
8,900.00	6,022.94	8,650.68	5,750.50	140.30	137.54	-80.29	-2,048.39	-5,614.06	1,219.58	949.84	269.74	4.521		
9,000.00	6,079.15	8,749.45	5,806.76	142.31	139.44	-80.49	-2,075.47	-5,690.59	1,234.65	960.92	273.72	4.511		
9,100.00	6,135.36	8,848.22	5,863.01	144.32	141.35	-80.69	-2,102.56	-5,767.12	1,249.73	972.02	277.71	4.500		
9,200.00	6,191.57	8,946.98	5,919.26	146.34	143.25	-80.88	-2,129.64	-5,843.65	1,264.82	983.13	281.69	4.490		
9,300.00	6,247.79	9,045.75	5,975.51	148.35	145.15	-81.06	-2,156.72	-5,920.18	1,279.93	994.26	285.67	4.480		
9,400.00	6,304.00	9,144.52	6,031.77	150.36	147.05	-81.25	-2,183.80	-5,996.71	1,295.05	1,005.40	289.65	4.471		
9,500.00	6,360.21	9,243.28	6,088.02	152.37	148.95	-81.43	-2,210.89	-6,073.25	1,310.19	1,016.56	293.63	4.462		
9,600.00	6,416.42	9,342.05	6,144.27	154.39	150.86	-81.60	-2,237.97	-6,149.78	1,325.33	1,027.73	297.61	4.453		
9,700.00	6,472.64	9,440.82	6,200.52	156.40	152.76	-81.77	-2,265.05	-6,226.31	1,340.49	1,038.91	301.58	4.445		
9,800.00	6,528.85	9,539.58	6,256.78	158.41	154.66	-81.94	-2,292.14	-6,302.84	1,355.66	1,050.11	305.55	4.437		
9,900.00	6,585.06	9,638.35	6,313.03	160.42	156.56	-82.10	-2,319.22	-6,379.37	1,370.84	1,061.32	309.52	4.429		
10,000.00	6,641.27	9,737.12	6,369.28	162.44	158.47	-82.26	-2,346.30	-6,455.90	1,386.03	1,072.54	313.49	4.421		
10,100.00	6,697.49	9,835.88	6,425.53	164.45	160.37	-82.42	-2,373.38	-6,532.43	1,401.23	1,083.77	317.46	4.414		
10,200.00	6,753.70	9,934.65	6,481.79	166.46	162.27	-82.57	-2,400.47	-6,608.96	1,416.44	1,095.02	321.43	4.407		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,809.91	10,033.42	6,538.04	168.48	164.17	-82.72	-2,427.55	-6,685.50	1,431.66	1,106.27	325.39	4.400		
10,400.00	6,866.12	10,132.18	6,594.29	170.49	166.08	-82.86	-2,454.63	-6,762.03	1,446.89	1,117.54	329.35	4.393		
10,500.00	6,922.34	10,230.95	6,650.54	172.50	167.98	-83.01	-2,481.71	-6,838.56	1,462.13	1,128.82	333.32	4.387		
10,600.00	6,978.55	10,329.72	6,706.80	174.52	169.88	-83.15	-2,508.80	-6,915.09	1,477.38	1,140.10	337.28	4.380		
10,700.00	7,034.76	10,428.48	6,763.05	176.53	171.78	-83.28	-2,535.88	-6,991.62	1,492.63	1,151.40	341.24	4.374		
10,800.00	7,090.98	10,527.25	6,819.30	178.54	173.69	-83.42	-2,562.96	-7,068.15	1,507.90	1,162.71	345.19	4.368		
10,900.00	7,147.19	10,626.02	6,875.55	180.56	175.59	-83.55	-2,590.04	-7,144.68	1,523.17	1,174.02	349.15	4.363		
11,000.00	7,203.40	10,724.78	6,931.81	182.57	177.49	-83.68	-2,617.13	-7,221.22	1,538.45	1,185.34	353.11	4.357		
11,100.00	7,259.61	10,823.55	6,988.06	184.58	179.40	-83.81	-2,644.21	-7,297.75	1,553.74	1,196.68	357.06	4.351		
11,200.00	7,315.83	10,922.32	7,044.31	186.60	181.30	-83.93	-2,671.29	-7,374.28	1,569.03	1,208.02	361.01	4.346		
11,300.00	7,372.04	11,021.08	7,100.56	188.61	183.20	-84.05	-2,698.37	-7,450.81	1,584.34	1,219.37	364.97	4.341		
11,400.00	7,428.25	11,119.85	7,156.82	190.63	185.11	-84.17	-2,725.46	-7,527.34	1,599.64	1,230.73	368.92	4.336		
11,500.00	7,484.46	11,218.62	7,213.07	192.64	187.01	-84.29	-2,752.54	-7,603.87	1,614.96	1,242.09	372.87	4.331		
11,600.00	7,540.68	11,317.38	7,269.32	194.65	188.91	-84.40	-2,779.62	-7,680.40	1,630.28	1,253.47	376.82	4.326		
11,700.00	7,596.89	11,416.15	7,325.57	196.67	190.81	-84.52	-2,806.70	-7,756.93	1,645.61	1,264.85	380.76	4.322		
11,800.00	7,653.10	11,514.92	7,381.83	198.68	192.72	-84.63	-2,833.79	-7,833.47	1,660.94	1,276.23	384.71	4.317		
11,900.00	7,708.64	11,613.62	7,438.04	200.71	194.62	-84.79	-2,860.85	-7,909.95	1,676.42	1,287.73	388.69	4.313		
12,000.00	7,753.02	11,710.48	7,493.21	202.96	196.49	-84.79	-2,887.41	-7,985.00	1,694.06	1,300.84	393.22	4.308		
12,100.00	7,781.64	11,802.47	7,545.61	205.41	198.26	-84.46	-2,912.64	-8,056.29	1,714.53	1,316.30	398.22	4.305		
12,200.00	7,793.64	11,886.81	7,593.64	207.95	199.88	-83.73	-2,935.76	-8,121.64	1,738.11	1,334.80	403.32	4.310		
12,300.00	7,794.00	12,494.83	7,794.00	210.49	213.40	-90.03	-3,032.12	-8,666.52	1,764.93	1,354.29	410.64	4.298		
12,400.00	7,794.00	12,594.83	7,794.00	213.04	215.81	-90.03	-3,032.08	-8,766.52	1,764.98	1,349.22	415.76	4.245		
12,500.00	7,794.00	12,694.83	7,794.00	215.58	218.23	-90.03	-3,032.04	-8,866.52	1,765.03	1,344.14	420.89	4.194		
12,600.00	7,794.00	12,794.83	7,794.00	218.14	220.66	-90.03	-3,032.00	-8,966.52	1,765.08	1,339.06	426.02	4.143		
12,700.00	7,794.00	12,894.83	7,794.00	220.69	223.10	-90.03	-3,031.96	-9,066.52	1,765.13	1,333.97	431.16	4.094		
12,800.00	7,794.00	12,994.83	7,794.00	223.25	225.54	-90.03	-3,031.92	-9,166.52	1,765.18	1,328.88	436.30	4.046		
12,900.00	7,794.00	13,094.83	7,794.00	225.81	227.98	-90.03	-3,031.89	-9,266.52	1,765.23	1,323.78	441.46	3.999		
13,000.00	7,794.00	13,194.83	7,794.00	228.37	230.43	-90.03	-3,031.85	-9,366.52	1,765.28	1,318.67	446.61	3.953		
13,100.00	7,794.00	13,294.83	7,794.00	230.94	232.89	-90.03	-3,031.81	-9,466.52	1,765.33	1,313.56	451.77	3.908		
13,200.00	7,794.00	13,394.83	7,794.00	233.51	235.35	-90.03	-3,031.77	-9,566.52	1,765.38	1,308.44	456.94	3.863		
13,300.00	7,794.00	13,494.83	7,794.00	236.08	237.82	-90.03	-3,031.73	-9,666.52	1,765.43	1,303.32	462.12	3.820		
13,400.00	7,794.00	13,594.83	7,794.00	238.66	240.29	-90.03	-3,031.69	-9,766.52	1,765.48	1,298.19	467.29	3.778		
13,500.00	7,794.00	13,694.83	7,794.00	241.24	242.76	-90.03	-3,031.65	-9,866.52	1,765.53	1,293.05	472.48	3.737		
13,600.00	7,794.00	13,794.83	7,794.00	243.82	245.25	-90.03	-3,031.61	-9,966.52	1,765.58	1,287.92	477.66	3.696		
13,700.00	7,794.00	13,894.83	7,794.00	246.40	247.73	-90.03	-3,031.57	-10,066.52	1,765.63	1,282.77	482.86	3.657		
13,800.00	7,794.00	13,994.83	7,794.00	248.99	250.22	-90.03	-3,031.53	-10,166.52	1,765.68	1,277.63	488.05	3.618		
13,900.00	7,794.00	14,094.83	7,794.00	251.58	252.71	-90.03	-3,031.50	-10,266.52	1,765.73	1,272.48	493.25	3.580		
14,000.00	7,794.00	14,194.83	7,794.00	254.17	255.21	-90.03	-3,031.46	-10,366.52	1,765.78	1,267.32	498.46	3.542		
14,100.00	7,794.00	14,294.83	7,794.00	256.76	257.71	-90.03	-3,031.42	-10,466.52	1,765.83	1,262.16	503.67	3.506		
14,200.00	7,794.00	14,394.83	7,794.00	259.36	260.22	-90.03	-3,031.38	-10,566.52	1,765.88	1,257.00	508.88	3.470		
14,300.00	7,794.00	14,494.83	7,794.00	261.95	262.73	-90.03	-3,031.34	-10,666.52	1,765.93	1,251.83	514.10	3.435		
14,400.00	7,794.00	14,594.83	7,794.00	264.55	265.24	-90.03	-3,031.30	-10,766.52	1,765.98	1,246.66	519.32	3.401		
14,500.00	7,794.00	14,694.83	7,794.00	267.15	267.76	-90.03	-3,031.26	-10,866.52	1,766.03	1,241.49	524.54	3.367		
14,600.00	7,794.00	14,794.83	7,794.00	269.76	270.28	-90.03	-3,031.22	-10,966.52	1,766.08	1,236.31	529.77	3.334		
14,700.00	7,794.00	14,894.83	7,794.00	272.36	272.81	-90.03	-3,031.18	-11,066.52	1,766.13	1,231.13	535.00	3.301		
14,800.00	7,794.00	14,994.83	7,794.00	274.97	275.33	-90.03	-3,031.14	-11,166.52	1,766.18	1,225.94	540.23	3.269		
14,900.00	7,794.00	15,094.83	7,794.00	277.58	277.86	-90.03	-3,031.10	-11,266.52	1,766.22	1,220.75	545.47	3.238		
15,000.00	7,794.00	15,194.83	7,794.00	280.19	280.40	-90.03	-3,031.07	-11,366.52	1,766.27	1,215.56	550.71	3.207		
15,100.00	7,794.00	15,294.83	7,794.00	282.80	282.93	-90.03	-3,031.03	-11,466.52	1,766.32	1,210.37	555.95	3.177		
15,200.00	7,794.00	15,394.83	7,794.00	285.41	285.47	-90.03	-3,030.99	-11,566.52	1,766.37	1,205.17	561.20	3.147		
15,300.00	7,794.00	15,494.83	7,794.00	288.03	288.02	-90.03	-3,030.95	-11,666.52	1,766.42	1,199.98	566.45	3.118		
15,400.00	7,794.00	15,594.83	7,794.00	290.64	290.56	-90.03	-3,030.91	-11,766.52	1,766.47	1,194.77	571.70	3.090		

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 8H - 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		Highside Toolface (°)	Distance		Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)						
15,500.00	7,794.00	15,694.83	7,794.00	293.26	293.11	-90.03	-3,030.87	-11,866.52	1,766.52	1,189.57	576.95	3.062		
15,600.00	7,794.00	15,794.83	7,794.00	295.88	295.66	-90.03	-3,030.83	-11,966.52	1,766.57	1,184.36	582.21	3.034		
15,700.00	7,794.00	15,894.83	7,794.00	298.50	298.21	-90.03	-3,030.79	-12,066.52	1,766.62	1,179.15	587.47	3.007		
15,800.00	7,794.00	15,994.83	7,794.00	301.12	300.77	-90.03	-3,030.75	-12,166.52	1,766.67	1,173.94	592.73	2.981		
15,900.00	7,794.00	16,094.83	7,794.00	303.75	303.33	-90.03	-3,030.71	-12,266.52	1,766.72	1,168.73	598.00	2.954		
16,000.00	7,794.00	16,194.83	7,794.00	306.37	305.89	-90.03	-3,030.67	-12,366.52	1,766.77	1,163.51	603.26	2.929		
16,100.00	7,794.00	16,294.83	7,794.00	309.00	308.45	-90.03	-3,030.64	-12,466.52	1,766.82	1,158.29	608.53	2.903		
16,200.00	7,794.00	16,394.83	7,794.00	311.62	311.01	-90.03	-3,030.60	-12,566.52	1,766.87	1,153.07	613.80	2.879		
16,300.00	7,794.00	16,494.83	7,794.00	314.25	313.58	-90.03	-3,030.56	-12,666.52	1,766.92	1,147.84	619.08	2.854		
16,400.00	7,794.00	16,594.83	7,794.00	316.88	316.15	-90.03	-3,030.52	-12,766.52	1,766.97	1,142.62	624.35	2.830		
16,500.00	7,794.00	16,694.83	7,794.00	319.51	318.72	-90.03	-3,030.48	-12,866.52	1,767.02	1,137.39	629.63	2.806		
16,600.00	7,794.00	16,794.83	7,794.00	322.15	321.30	-90.03	-3,030.44	-12,966.52	1,767.07	1,132.16	634.91	2.783		
16,700.00	7,794.00	16,894.83	7,794.00	324.78	323.87	-90.03	-3,030.40	-13,066.52	1,767.12	1,126.93	640.19	2.760		
16,800.00	7,794.00	16,994.83	7,794.00	327.41	326.45	-90.03	-3,030.36	-13,166.52	1,767.17	1,121.70	645.47	2.738		
16,900.00	7,794.00	17,094.83	7,794.00	330.05	329.03	-90.03	-3,030.32	-13,266.52	1,767.22	1,116.46	650.76	2.716		
17,000.00	7,794.00	17,194.83	7,794.00	332.68	331.61	-90.03	-3,030.28	-13,366.52	1,767.27	1,111.22	656.04	2.694		
17,100.00	7,794.00	17,294.83	7,794.00	335.32	334.20	-90.03	-3,030.25	-13,466.52	1,767.32	1,105.99	661.33	2.672		
17,200.00	7,794.00	17,394.83	7,794.00	337.96	336.78	-90.03	-3,030.21	-13,566.52	1,767.37	1,100.74	666.62	2.651		
17,300.00	7,794.00	17,494.83	7,794.00	340.60	339.37	-90.03	-3,030.17	-13,666.52	1,767.42	1,095.50	671.91	2.630		
17,400.00	7,794.00	17,594.83	7,794.00	343.24	341.96	-90.03	-3,030.13	-13,766.52	1,767.47	1,090.26	677.21	2.610		
17,500.00	7,794.00	17,694.83	7,794.00	345.88	344.55	-90.03	-3,030.09	-13,866.52	1,767.51	1,085.01	682.50	2.590		
17,600.00	7,794.00	17,794.83	7,794.00	348.52	347.14	-90.03	-3,030.05	-13,966.52	1,767.56	1,079.77	687.80	2.570		
17,700.00	7,794.00	17,894.83	7,794.00	351.16	349.73	-90.03	-3,030.01	-14,066.52	1,767.61	1,074.52	693.10	2.550		
17,800.00	7,794.00	17,994.83	7,794.00	353.81	352.33	-90.03	-3,029.97	-14,166.52	1,767.66	1,069.27	698.40	2.531		
17,900.00	7,794.00	18,094.83	7,794.00	356.45	354.93	-90.03	-3,029.93	-14,266.52	1,767.71	1,064.02	703.70	2.512		
18,000.00	7,794.00	18,194.83	7,794.00	359.09	357.53	-90.03	-3,029.89	-14,366.52	1,767.76	1,058.76	709.00	2.493		
18,100.00	7,794.00	18,294.83	7,794.00	361.74	360.12	-90.03	-3,029.85	-14,466.52	1,767.81	1,053.51	714.30	2.475		
18,200.00	7,794.00	18,394.83	7,794.00	364.39	362.73	-90.03	-3,029.82	-14,566.52	1,767.86	1,048.25	719.61	2.457		
18,300.00	7,794.00	18,494.83	7,794.00	367.03	365.33	-90.03	-3,029.78	-14,666.52	1,767.91	1,043.00	724.92	2.439		
18,400.00	7,794.00	18,594.83	7,794.00	369.68	367.93	-90.03	-3,029.74	-14,766.52	1,767.96	1,037.74	730.22	2.421		
18,500.00	7,794.00	18,694.83	7,794.00	372.33	370.54	-90.03	-3,029.70	-14,866.52	1,768.01	1,032.48	735.53	2.404		
18,600.00	7,794.00	18,794.83	7,794.00	374.98	373.15	-90.03	-3,029.66	-14,966.52	1,768.06	1,027.22	740.84	2.387		
18,700.00	7,794.00	18,894.83	7,794.00	377.63	375.75	-90.03	-3,029.62	-15,066.52	1,768.11	1,021.95	746.16	2.370		
18,800.00	7,794.00	18,994.83	7,794.00	380.28	378.36	-90.03	-3,029.58	-15,166.52	1,768.16	1,016.69	751.47	2.353		
18,900.00	7,794.00	19,094.83	7,794.00	382.93	380.97	-90.03	-3,029.54	-15,266.52	1,768.21	1,011.43	756.78	2.336		
19,000.00	7,794.00	19,194.83	7,794.00	385.58	383.59	-90.03	-3,029.50	-15,366.52	1,768.26	1,006.16	762.10	2.320		
19,100.00	7,794.00	19,294.83	7,794.00	388.24	386.20	-90.03	-3,029.46	-15,466.52	1,768.31	1,000.89	767.41	2.304		
19,200.00	7,794.00	19,394.83	7,794.00	390.89	388.81	-90.03	-3,029.42	-15,566.52	1,768.36	995.63	772.73	2.288		
19,300.00	7,794.00	19,494.83	7,794.00	393.55	391.43	-90.03	-3,029.39	-15,666.52	1,768.41	990.36	778.05	2.273		
19,400.00	7,794.00	19,594.83	7,794.00	396.20	394.04	-90.03	-3,029.35	-15,766.52	1,768.46	985.09	783.37	2.257		
19,500.00	7,794.00	19,694.83	7,794.00	398.85	396.66	-90.03	-3,029.31	-15,866.52	1,768.51	979.82	788.69	2.242		
19,600.00	7,794.00	19,794.83	7,794.00	401.51	399.28	-90.03	-3,029.27	-15,966.52	1,768.56	974.54	794.01	2.227		
19,700.00	7,794.00	19,894.83	7,794.00	404.17	401.90	-90.03	-3,029.23	-16,066.52	1,768.61	969.27	799.34	2.213		
19,800.00	7,794.00	19,994.83	7,794.00	406.82	404.52	-90.03	-3,029.19	-16,166.52	1,768.66	964.00	804.66	2.198		
19,900.00	7,794.00	20,094.83	7,794.00	409.48	407.14	-90.03	-3,029.15	-16,266.52	1,768.71	958.72	809.98	2.184		
20,000.00	7,794.00	20,194.83	7,794.00	412.14	409.77	-90.03	-3,029.11	-16,366.52	1,768.76	953.45	815.31	2.169		
20,100.00	7,794.00	20,294.83	7,794.00	414.80	412.39	-90.03	-3,029.07	-16,466.52	1,768.81	948.17	820.64	2.155		
20,200.00	7,794.00	20,394.83	7,794.00	417.46	415.01	-90.03	-3,029.03	-16,566.52	1,768.85	942.89	825.96	2.142		
20,300.00	7,794.00	20,494.83	7,794.00	420.12	417.64	-90.03	-3,028.99	-16,666.52	1,768.90	937.61	831.29	2.128		
20,400.00	7,794.00	20,594.83	7,794.00	422.78	420.27	-90.03	-3,028.96	-16,766.52	1,768.95	932.33	836.62	2.114		
20,500.00	7,794.00	20,694.83	7,794.00	425.44	422.89	-90.03	-3,028.92	-16,866.52	1,769.00	927.05	841.95	2.101		
20,600.00	7,794.00	20,794.83	7,794.00	428.10	425.52	-90.03	-3,028.88	-16,966.52	1,769.05	921.77	847.28	2.088		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 8H - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
20,700.00	7,794.00	20,894.83	7,794.00	430.76	428.15	-90.03	-3,028.84	-17,066.52	1,769.10	916.49	852.61	2.075		
20,800.00	7,794.00	20,994.83	7,794.00	433.42	430.78	-90.03	-3,028.80	-17,166.52	1,769.15	911.21	857.94	2.062		
20,900.00	7,794.00	21,094.83	7,794.00	436.08	433.41	-90.03	-3,028.76	-17,266.52	1,769.20	905.92	863.28	2.049		
21,000.00	7,794.00	21,194.83	7,794.00	438.74	436.04	-90.03	-3,028.72	-17,366.52	1,769.25	900.64	868.61	2.037		
21,100.00	7,794.00	21,294.83	7,794.00	441.41	438.68	-90.03	-3,028.68	-17,466.52	1,769.30	895.36	873.95	2.024		
21,200.00	7,794.00	21,394.83	7,794.00	444.07	441.31	-90.03	-3,028.64	-17,566.52	1,769.35	890.07	879.28	2.012		
21,300.00	7,794.00	21,494.83	7,794.00	446.74	443.94	-90.03	-3,028.60	-17,666.52	1,769.40	884.78	884.62	2.000		
21,400.00	7,794.00	21,594.83	7,794.00	449.40	446.58	-90.03	-3,028.57	-17,766.52	1,769.45	879.50	889.96	1.988		
21,500.00	7,794.00	21,694.83	7,794.00	452.06	449.21	-90.03	-3,028.53	-17,866.52	1,769.50	874.21	895.29	1.976		
21,600.00	7,794.00	21,794.83	7,794.00	454.73	451.85	-90.03	-3,028.49	-17,966.52	1,769.55	868.92	900.63	1.965		
21,700.00	7,794.00	21,894.83	7,794.00	457.39	454.49	-90.03	-3,028.45	-18,066.52	1,769.60	863.63	905.97	1.953		
21,800.00	7,794.00	21,994.83	7,794.00	460.06	457.13	-90.03	-3,028.41	-18,166.52	1,769.65	858.34	911.31	1.942		
21,900.00	7,794.00	22,094.83	7,794.00	462.73	459.76	-90.03	-3,028.37	-18,266.52	1,769.70	853.05	916.65	1.931		
22,000.00	7,794.00	22,194.83	7,794.00	465.39	462.40	-90.03	-3,028.33	-18,366.52	1,769.75	847.76	921.99	1.919		
22,100.00	7,794.00	22,294.83	7,794.00	468.06	465.04	-90.03	-3,028.29	-18,466.52	1,769.80	842.47	927.33	1.908		
22,200.00	7,794.00	22,394.83	7,794.00	470.73	467.68	-90.03	-3,028.25	-18,566.52	1,769.85	837.17	932.67	1.898		
22,300.00	7,794.00	22,494.83	7,794.00	473.40	470.33	-90.03	-3,028.21	-18,666.52	1,769.90	831.88	938.02	1.887		
22,400.00	7,794.00	22,594.83	7,794.00	476.06	472.97	-90.03	-3,028.17	-18,766.52	1,769.95	826.59	943.36	1.876		
22,500.00	7,794.00	22,694.83	7,794.00	478.73	475.61	-90.03	-3,028.14	-18,866.52	1,770.00	821.29	948.70	1.866		
22,600.00	7,794.00	22,794.83	7,794.00	481.40	478.25	-90.03	-3,028.10	-18,966.52	1,770.05	816.00	954.05	1.855		
22,700.00	7,794.00	22,894.83	7,794.00	484.07	480.90	-90.03	-3,028.06	-19,066.52	1,770.10	810.70	959.39	1.845		
22,800.00	7,794.00	22,994.83	7,794.00	486.74	483.54	-90.03	-3,028.02	-19,166.52	1,770.15	805.41	964.74	1.835		
22,900.00	7,794.00	23,094.83	7,794.00	489.41	486.19	-90.03	-3,027.98	-19,266.52	1,770.19	800.11	970.09	1.825		
23,000.00	7,794.00	23,194.83	7,794.00	492.08	488.83	-90.03	-3,027.94	-19,366.52	1,770.24	794.81	975.43	1.815		
23,100.00	7,794.00	23,294.83	7,794.00	494.75	491.48	-90.03	-3,027.90	-19,466.52	1,770.29	789.51	980.78	1.805		
23,200.00	7,794.00	23,394.83	7,794.00	497.42	494.13	-90.03	-3,027.86	-19,566.52	1,770.34	784.22	986.13	1.795		
23,300.00	7,794.00	23,494.83	7,794.00	500.09	496.77	-90.03	-3,027.82	-19,666.52	1,770.39	778.92	991.48	1.786		
23,400.00	7,794.00	23,594.83	7,794.00	502.76	499.42	-90.03	-3,027.78	-19,766.52	1,770.44	773.62	996.83	1.776		
23,500.00	7,794.00	23,694.83	7,794.00	505.43	502.07	-90.03	-3,027.74	-19,866.52	1,770.49	768.32	1,002.18	1.767		
23,600.00	7,794.00	23,794.83	7,794.00	508.10	504.72	-90.03	-3,027.71	-19,966.52	1,770.54	763.02	1,007.52	1.757		
23,700.00	7,794.00	23,894.83	7,794.00	510.78	507.37	-90.03	-3,027.67	-20,066.52	1,770.59	757.72	1,012.88	1.748		
23,800.00	7,794.00	23,994.83	7,794.00	513.45	510.02	-90.03	-3,027.63	-20,166.52	1,770.64	752.42	1,018.23	1.739		
23,900.00	7,794.00	24,094.83	7,794.00	516.12	512.67	-90.03	-3,027.59	-20,266.52	1,770.69	747.11	1,023.58	1.730		
24,000.00	7,794.00	24,194.83	7,794.00	518.79	515.32	-90.03	-3,027.55	-20,366.52	1,770.74	741.81	1,028.93	1.721		
24,100.00	7,794.00	24,294.83	7,794.00	521.47	517.97	-90.03	-3,027.51	-20,466.52	1,770.79	736.51	1,034.28	1.712		
24,200.00	7,794.00	24,394.83	7,794.00	524.14	520.62	-90.03	-3,027.47	-20,566.52	1,770.84	731.21	1,039.63	1.703		
24,300.00	7,794.00	24,494.83	7,794.00	526.81	523.27	-90.03	-3,027.43	-20,666.52	1,770.89	725.90	1,044.99	1.695		
24,400.00	7,794.00	24,594.83	7,794.00	529.49	525.93	-90.03	-3,027.39	-20,766.52	1,770.94	720.60	1,050.34	1.686		
24,500.00	7,794.00	24,694.83	7,794.00	532.16	528.58	-90.03	-3,027.35	-20,866.52	1,770.99	715.29	1,055.69	1.678		
24,600.00	7,794.00	24,794.83	7,794.00	534.84	531.23	-90.03	-3,027.32	-20,966.52	1,771.04	709.99	1,061.05	1.669		
24,700.00	7,794.00	24,894.83	7,794.00	537.51	533.89	-90.03	-3,027.28	-21,066.52	1,771.09	704.68	1,066.40	1.661		
24,800.00	7,794.00	24,994.83	7,794.00	540.19	536.54	-90.03	-3,027.24	-21,166.52	1,771.14	699.38	1,071.76	1.653		
24,900.00	7,794.00	25,094.83	7,794.00	542.86	539.20	-90.03	-3,027.20	-21,266.52	1,771.19	694.07	1,077.12	1.644		
25,000.00	7,794.00	25,194.83	7,794.00	545.54	541.85	-90.03	-3,027.16	-21,366.52	1,771.24	688.77	1,082.47	1.636		
25,100.00	7,794.00	25,294.83	7,794.00	548.21	544.51	-90.03	-3,027.12	-21,466.52	1,771.29	683.46	1,087.83	1.628		
25,200.00	7,794.00	25,394.83	7,794.00	550.89	547.17	-90.03	-3,027.08	-21,566.52	1,771.34	678.15	1,093.18	1.620		
25,300.00	7,794.00	25,494.83	7,794.00	553.56	549.82	-90.03	-3,027.04	-21,666.52	1,771.39	672.84	1,098.54	1.612		
25,400.00	7,794.00	25,594.83	7,794.00	556.24	552.48	-90.03	-3,027.00	-21,766.52	1,771.44	667.54	1,103.90	1.605		
25,500.00	7,794.00	25,694.83	7,794.00	558.92	555.14	-90.03	-3,026.96	-21,866.52	1,771.49	662.23	1,109.26	1.597		
25,600.00	7,794.00	25,794.83	7,794.00	561.59	557.79	-90.03	-3,026.92	-21,966.52	1,771.53	656.92	1,114.62	1.589		
25,700.00	7,794.00	25,894.83	7,794.00	564.27	560.45	-90.03	-3,026.89	-22,066.52	1,771.58	651.61	1,119.97	1.582		
25,800.00	7,794.00	25,994.83	7,794.00	566.95	563.11	-90.03	-3,026.85	-22,166.52	1,771.63	646.30	1,125.33	1.574		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - INVICTA 3-65 30-26 8H - 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	
25,900.00	7,794.00	26,094.83	7,794.00	569.62	565.77	-90.03	-3,026.81	-22,266.52	1,771.68	640.99	1,130.69	1.567	
26,000.00	7,794.00	26,194.83	7,794.00	572.30	568.43	-90.03	-3,026.77	-22,366.52	1,771.73	635.68	1,136.05	1.560	
26,100.00	7,794.00	26,294.83	7,794.00	574.98	571.09	-90.03	-3,026.73	-22,466.52	1,771.78	630.37	1,141.41	1.552	
26,200.00	7,794.00	26,394.83	7,794.00	577.66	573.75	-90.03	-3,026.69	-22,566.52	1,771.83	625.06	1,146.77	1.545	
26,300.00	7,794.00	26,494.83	7,794.00	580.33	576.41	-90.03	-3,026.65	-22,666.52	1,771.88	619.75	1,152.13	1.538	
26,400.00	7,794.00	26,594.83	7,794.00	583.01	579.07	-90.03	-3,026.61	-22,766.52	1,771.93	614.44	1,157.49	1.531	
26,500.00	7,794.00	26,694.83	7,794.00	585.69	581.73	-90.03	-3,026.57	-22,866.52	1,771.98	609.13	1,162.86	1.524	
26,600.00	7,794.00	26,794.83	7,794.00	588.37	584.39	-90.03	-3,026.53	-22,966.52	1,772.03	603.81	1,168.22	1.517	
26,700.00	7,794.00	26,894.83	7,794.00	591.05	587.06	-90.03	-3,026.49	-23,066.52	1,772.08	598.50	1,173.58	1.510	
26,800.00	7,794.00	26,994.83	7,794.00	593.73	589.72	-90.03	-3,026.46	-23,166.52	1,772.13	593.19	1,178.94	1.503	
26,900.00	7,794.00	27,095.81	7,794.00	596.40	592.41	-90.03	-3,026.42	-23,267.50	1,772.18	587.90	1,184.28	1.496 Level 3	
26,932.55	7,794.00	27,128.36	7,794.00	597.28	593.27	-90.03	-3,026.38	-23,300.04	1,772.18	586.16	1,186.02	1.494 Level 3, SF	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													SEC 28-T3S-R65W - KING 3-65 28-29 1AH - OWB - FINAL SURVEY		Offset Site Error: 0.00 usft	
Survey Program:		209-MWD OWSG, 3578-MWD OWSG											Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
100.00	100.00	46.65	46.65	0.27	0.07	130.48	-1,847.89	2,165.07	2,846.44	2,846.10	0.34	8,307.846				
200.00	200.00	141.86	141.86	0.63	0.22	130.49	-1,848.27	2,164.96	2,846.61	2,845.76	0.85	3,342.648				
300.00	300.00	242.24	242.24	0.99	0.45	130.50	-1,849.02	2,164.72	2,846.92	2,845.48	1.44	1,983.555				
400.00	400.00	344.82	344.81	1.34	0.81	130.50	-1,849.05	2,164.84	2,847.02	2,844.86	2.15	1,321.350				
500.00	500.00	453.44	453.34	1.70	1.19	130.42	-1,845.94	2,167.67	2,847.16	2,844.28	2.89	986.711				
600.00	599.98	633.34	632.28	2.05	1.84	-131.42	-1,830.56	2,177.21	2,846.88	2,842.99	3.89	732.237				
700.00	699.84	894.25	888.65	2.40	2.95	-132.57	-1,786.50	2,195.35	2,845.22	2,839.89	5.33	534.105				
800.00	799.45	1,095.59	1,083.16	2.76	3.96	-133.85	-1,736.96	2,210.30	2,841.69	2,835.04	6.65	427.083				
900.00	898.70	1,337.60	1,312.19	3.13	5.37	-135.77	-1,660.94	2,227.74	2,836.74	2,828.40	8.34	340.025				
1,000.00	997.47	1,574.40	1,529.82	3.53	6.98	-138.04	-1,568.87	2,241.97	2,828.88	2,818.69	10.19	277.569				
1,100.00	1,095.62	1,661.03	1,608.06	3.95	7.61	-139.00	-1,532.03	2,247.10	2,822.69	2,811.50	11.19	252.239				
1,200.00	1,193.06	1,732.12	1,672.51	4.41	8.14	-139.78	-1,502.31	2,251.11	2,820.24	2,808.12	12.12	232.715				
1,207.74	1,200.56	1,736.55	1,676.53	4.45	8.17	-139.83	-1,500.46	2,251.38	2,820.23	2,808.04	12.19	231.449				
1,300.00	1,289.64	1,788.67	1,723.75	4.91	8.56	-140.37	-1,478.67	2,254.88	2,822.15	2,809.17	12.98	217.434				
1,400.00	1,385.27	1,861.33	1,789.30	5.45	9.11	-141.13	-1,447.89	2,260.69	2,828.45	2,814.47	13.99	202.241				
1,500.00	1,479.82	1,947.90	1,866.85	6.04	9.78	-142.06	-1,410.19	2,268.36	2,838.69	2,823.57	15.13	187.656				
1,600.00	1,573.17	2,034.52	1,944.14	6.69	10.47	-142.98	-1,371.85	2,276.03	2,852.62	2,836.32	16.30	174.962				
1,700.00	1,665.21	2,111.32	2,012.56	7.39	11.08	-143.75	-1,337.63	2,282.85	2,870.55	2,853.12	17.44	164.639				
1,800.00	1,755.84	2,184.43	2,077.85	8.16	11.67	-144.45	-1,305.36	2,289.19	2,892.63	2,874.07	18.56	155.871				
1,900.00	1,844.94	2,271.44	2,155.91	9.00	12.35	-145.29	-1,267.56	2,296.19	2,918.67	2,898.88	19.79	147.491				
2,000.00	1,932.39	2,344.79	2,222.06	9.91	12.92	-145.92	-1,236.33	2,301.52	2,948.61	2,927.69	20.92	140.924				
2,100.00	2,018.11	2,372.00	2,246.72	10.89	13.13	-145.87	-1,224.96	2,303.39	2,982.91	2,961.17	21.74	137.228				
2,200.00	2,101.97	2,418.22	2,288.62	11.94	13.49	-146.04	-1,205.81	2,307.04	3,021.79	2,999.10	22.69	133.179				
2,300.00	2,183.88	2,466.00	2,331.90	13.08	13.85	-146.19	-1,186.17	2,311.92	3,065.77	3,042.11	23.66	129.600				
2,400.00	2,263.74	2,474.38	2,339.49	14.28	13.92	-145.70	-1,182.74	2,312.87	3,113.96	3,089.63	24.33	127.979				
2,500.00	2,341.45	2,529.15	2,389.23	15.57	14.34	-145.84	-1,160.65	2,319.04	3,166.37	3,141.03	25.34	124.941				
2,600.00	2,416.92	2,590.26	2,444.98	16.93	14.80	-146.03	-1,136.54	2,325.78	3,222.39	3,196.00	26.39	122.099				
2,700.00	2,490.05	2,662.48	2,511.03	18.37	15.34	-146.35	-1,108.35	2,333.38	3,281.66	3,254.15	27.51	119.298				
2,800.00	2,560.76	2,768.64	2,608.30	19.88	16.13	-147.18	-1,067.03	2,343.35	3,343.68	3,314.83	28.85	115.891				
2,900.00	2,628.95	2,870.97	2,700.81	21.48	16.93	-147.97	-1,024.17	2,352.11	3,408.01	3,377.84	30.17	112.954				
3,000.00	2,694.55	2,938.26	2,761.05	23.15	17.46	-148.17	-994.69	2,357.57	3,475.09	3,443.86	31.23	111.256				
3,100.00	2,757.48	3,017.55	2,832.23	24.89	18.09	-148.54	-960.24	2,363.32	3,544.89	3,512.53	32.36	109.542				
3,200.00	2,817.66	3,077.89	2,886.85	26.70	18.56	-148.51	-934.86	2,367.02	3,617.25	3,583.93	33.32	108.554				
3,300.00	2,875.03	3,131.50	2,935.68	28.58	18.97	-148.42	-912.94	2,369.98	3,692.21	3,657.99	34.22	107.907				
3,400.00	2,931.24	3,129.00	2,933.40	30.50	18.95	-148.37	-913.95	2,369.85	3,768.83	3,734.13	34.70	108.622				
3,500.00	2,987.46	3,165.59	2,966.74	32.43	19.23	-149.04	-899.03	2,372.05	3,846.11	3,810.68	35.43	108.558				
3,600.00	3,043.67	3,182.51	2,982.10	34.37	19.36	-149.34	-892.03	2,373.25	3,924.35	3,888.35	36.00	108.997				
3,700.00	3,099.88	3,223.00	3,018.70	36.32	19.68	-150.07	-875.05	2,376.57	4,003.57	3,966.85	36.72	109.023				
3,800.00	3,156.09	3,223.00	3,018.70	38.27	19.68	-150.07	-875.05	2,376.57	4,083.23	4,046.08	37.14	109.934				
3,900.00	3,212.31	3,237.61	3,031.87	40.23	19.79	-150.33	-868.87	2,377.89	4,163.73	4,126.08	37.65	110.600				
4,000.00	3,268.52	3,269.85	3,060.99	42.20	20.04	-150.90	-855.35	2,380.82	4,244.81	4,206.55	38.26	110.952				
4,100.00	3,324.73	3,302.26	3,090.33	44.17	20.30	-151.46	-841.90	2,383.80	4,326.40	4,287.54	38.86	111.346				
4,200.00	3,380.94	3,336.47	3,121.39	46.15	20.56	-152.04	-827.91	2,386.96	4,408.46	4,369.01	39.45	111.759				
4,300.00	3,437.16	3,373.13	3,154.88	48.12	20.83	-152.65	-813.40	2,390.32	4,490.94	4,450.90	40.04	112.170				
4,400.00	3,493.37	3,410.94	3,189.68	50.11	21.11	-153.25	-799.00	2,393.76	4,573.80	4,533.17	40.63	112.580				
4,500.00	3,549.58	3,478.69	3,252.48	52.09	21.50	-154.29	-774.28	2,399.64	4,656.89	4,615.58	41.30	112.754				
4,600.00	3,605.79	3,519.05	3,288.36	54.08	21.85	-155.77	-749.62	2,406.12	4,740.16	4,698.06	42.00	112.900				
4,700.00	3,662.01	3,579.54	3,328.80	56.07	22.16	-157.30	-725.10	2,412.22	4,824.43	4,782.33	42.77	113.020				
4,800.00	3,718.22	3,637.52	3,373.52	58.06	22.43	-158.89	-700.62	2,417.81	4,908.70	4,866.60	43.59	113.120				
4,900.00	3,774.43	3,694.19	3,418.56	60.05	22.67	-160.52	-676.19	2,422.91	4,992.97	4,950.69	44.45	113.200				
5,000.00	3,830.65	3,750.51	3,464.27	62.04	22.89	-162.29	-651.80	2,427.52	5,077.24	5,028.96	45.35	113.260				
5,100.00	3,886.86	3,806.95	3,509.87	64.04	23.09	-164.11	-627.45	2,431.64	5,161.51	5,112.27	46.29	113.300				

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 1AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3578-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	13,902.01	7,890.84	66.03	150.84	153.90	1,262.05	-2,858.72	4,339.51	4,238.28	101.23	42.866		
5,300.00	3,999.28	13,946.73	7,890.04	68.03	152.01	153.63	1,262.97	-2,903.43	4,291.93	4,187.93	104.01	41.266		
5,400.00	4,055.50	13,995.00	7,889.54	70.03	153.28	153.33	1,264.10	-2,951.68	4,245.30	4,138.42	106.88	39.721		
5,500.00	4,111.71	14,093.84	7,888.31	72.03	155.88	152.70	1,267.28	-3,050.46	4,199.12	4,088.82	110.31	38.067		
5,600.00	4,167.92	14,152.06	7,887.60	74.03	157.41	152.32	1,269.19	-3,108.65	4,153.31	4,039.86	113.45	36.609		
5,700.00	4,224.13	14,236.57	7,887.30	76.03	159.64	151.78	1,271.07	-3,193.13	4,108.11	3,991.22	116.89	35.146		
5,800.00	4,280.35	14,317.87	7,886.94	78.03	161.77	151.25	1,272.44	-3,274.42	4,062.98	3,942.61	120.37	33.754		
5,900.00	4,336.56	14,384.55	7,887.26	80.04	163.52	150.83	1,272.81	-3,341.10	4,018.45	3,894.68	123.77	32.466		
6,000.00	4,392.77	14,460.21	7,888.19	82.04	165.51	150.35	1,272.52	-3,416.75	3,974.46	3,847.15	127.31	31.220		
6,100.00	4,448.98	14,530.15	7,889.63	84.04	167.33	149.92	1,271.47	-3,486.67	3,930.97	3,800.14	130.83	30.046		
6,200.00	4,505.20	14,627.26	7,892.43	86.05	169.86	149.33	1,268.76	-3,583.70	3,887.91	3,753.30	134.61	28.884		
6,300.00	4,561.41	14,742.98	7,894.87	88.05	172.88	148.60	1,265.42	-3,699.35	3,844.52	3,705.90	138.62	27.734		
6,400.00	4,617.62	14,829.41	7,895.75	90.06	175.15	148.03	1,263.79	-3,785.75	3,801.05	3,658.49	142.57	26.662		
6,500.00	4,673.83	14,916.54	7,896.32	92.07	177.43	147.43	1,262.57	-3,872.87	3,757.87	3,611.23	146.64	25.626		
6,600.00	4,730.05	14,974.71	7,897.19	94.07	178.96	147.03	1,261.01	-3,931.01	3,715.16	3,564.64	150.52	24.681		
6,700.00	4,786.26	15,033.00	7,897.62	96.08	180.49	146.60	1,261.46	-3,989.29	3,673.61	3,519.02	154.60	23.763		
6,800.00	4,842.47	15,086.90	7,897.76	98.09	181.92	146.18	1,263.06	-4,043.16	3,633.07	3,474.30	158.78	22.882		
6,900.00	4,898.68	15,169.88	7,897.95	100.09	184.12	145.52	1,265.86	-4,126.10	3,593.23	3,429.81	163.42	21.987		
7,000.00	4,954.90	15,257.34	7,898.15	102.10	186.45	144.82	1,268.32	-4,213.53	3,553.66	3,385.44	168.22	21.125		
7,100.00	5,011.11	15,337.05	7,898.15	104.11	188.56	144.16	1,271.00	-4,293.19	3,514.67	3,341.60	173.07	20.308		
7,200.00	5,067.32	15,441.66	7,898.26	106.12	191.34	143.29	1,273.65	-4,397.76	3,475.92	3,297.60	178.32	19.493		
7,300.00	5,123.53	15,570.12	7,899.60	108.13	194.73	142.26	1,273.07	-4,526.21	3,437.00	3,253.24	183.76	18.704		
7,400.00	5,179.75	15,645.06	7,900.58	110.14	196.71	141.67	1,271.21	-4,601.12	3,397.76	3,209.08	188.67	18.009		
7,500.00	5,235.96	15,708.35	7,901.28	112.15	198.37	141.14	1,270.73	-4,664.41	3,359.64	3,165.99	193.64	17.350		
7,600.00	5,292.17	15,814.58	7,901.83	114.16	201.18	140.24	1,269.58	-4,770.63	3,321.42	3,122.21	199.21	16.673		
7,700.00	5,348.38	15,855.63	7,902.06	116.17	202.27	139.88	1,269.58	-4,811.68	3,284.43	3,080.25	204.18	16.086		
7,800.00	5,404.60	15,916.51	7,902.61	118.18	203.88	139.34	1,270.55	-4,872.54	3,248.99	3,039.46	209.53	15.506		
7,900.00	5,460.81	16,054.56	7,903.30	120.19	207.55	138.07	1,271.92	-5,010.59	3,213.75	2,997.73	216.02	14.877		
8,000.00	5,517.02	16,169.00	7,902.50	122.20	210.58	137.01	1,271.24	-5,125.02	3,177.35	2,955.07	222.28	14.294		
8,100.00	5,573.24	16,233.68	7,902.03	124.21	212.29	136.39	1,270.63	-5,189.69	3,141.60	2,913.56	228.04	13.776		
8,200.00	5,629.45	16,263.00	7,901.90	126.22	213.07	136.11	1,270.69	-5,219.01	3,107.54	2,874.10	233.44	13.312		
8,300.00	5,685.66	16,320.79	7,901.96	128.23	214.61	135.54	1,271.54	-5,276.80	3,075.04	2,835.71	239.34	12.848		
8,400.00	5,741.87	16,365.71	7,902.34	130.24	215.81	135.09	1,272.90	-5,321.69	3,044.46	2,799.34	245.13	12.420		
8,500.00	5,798.09	16,436.24	7,903.41	132.25	217.69	134.38	1,275.27	-5,392.17	3,015.28	2,763.84	251.43	11.992		
8,600.00	5,854.30	16,518.58	7,905.30	134.26	219.89	133.54	1,277.65	-5,474.46	2,987.08	2,729.07	258.00	11.578		
8,700.00	5,910.51	16,636.13	7,908.69	136.28	223.02	132.36	1,279.54	-5,591.94	2,959.29	2,694.10	265.19	11.159		
8,800.00	5,966.72	16,726.36	7,911.32	138.29	225.42	131.45	1,279.94	-5,682.13	2,931.55	2,659.57	271.98	10.779		
8,900.00	6,022.94	16,819.94	7,914.50	140.30	227.90	130.51	1,279.59	-5,775.65	2,904.37	2,625.51	278.86	10.415		
9,000.00	6,079.15	16,874.00	7,916.68	142.31	229.34	129.97	1,279.25	-5,829.67	2,878.18	2,593.01	285.18	10.093		
9,100.00	6,135.36	16,923.00	7,918.64	144.32	230.64	129.46	1,279.74	-5,878.63	2,853.80	2,562.31	291.49	9.791		
9,200.00	6,191.57	16,983.95	7,920.69	146.34	232.27	128.80	1,281.47	-5,939.52	2,831.11	2,532.99	298.12	9.496		
9,300.00	6,247.79	17,066.33	7,922.43	148.35	234.47	127.88	1,285.33	-6,021.79	2,809.90	2,504.50	305.39	9.201		
9,400.00	6,304.00	17,159.46	7,923.97	150.36	236.97	126.82	1,289.38	-6,114.81	2,789.21	2,476.22	312.98	8.912		
9,500.00	6,360.21	17,245.65	7,926.00	152.37	239.28	125.84	1,292.58	-6,200.92	2,769.48	2,449.07	320.41	8.643		
9,600.00	6,416.42	17,406.07	7,929.18	154.39	243.57	124.01	1,296.64	-6,361.25	2,750.06	2,420.62	329.44	8.348		
9,700.00	6,472.64	17,528.38	7,929.70	156.40	246.83	122.58	1,297.26	-6,483.56	2,729.28	2,391.62	337.66	8.083		
9,800.00	6,528.85	17,660.22	7,930.28	158.41	250.33	121.04	1,295.67	-6,615.38	2,708.47	2,362.53	345.94	7.829		
9,900.00	6,585.06	17,731.64	7,930.82	160.42	252.22	120.20	1,293.71	-6,686.77	2,687.71	2,334.52	353.19	7.610		
10,000.00	6,641.27	17,798.34	7,931.65	162.44	253.99	119.42	1,292.36	-6,753.45	2,668.65	2,308.29	360.36	7.406		
10,100.00	6,697.49	17,890.51	7,931.98	164.45	256.44	118.31	1,291.03	-6,845.62	2,650.74	2,282.71	368.03	7.202		
10,200.00	6,753.70	17,984.05	7,932.01	166.46	258.92	117.17	1,289.03	-6,939.13	2,633.27	2,257.55	375.72	7.009		
10,300.00	6,809.91	18,033.70	7,931.89	168.48	260.25	116.56	1,288.42	-6,988.78	2,617.53	2,234.91	382.62	6.841		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 1AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3578-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	18,125.91	7,931.30	170.49	262.70	115.39	1,288.26	-7,080.98	2,603.65	2,213.31	390.34	6.670		
10,500.00	6,922.34	18,217.66	7,930.68	172.50	265.14	114.23	1,287.21	-7,172.73	2,590.20	2,192.22	397.98	6.508		
10,600.00	6,978.55	18,326.36	7,929.72	174.52	268.03	112.85	1,285.06	-7,281.39	2,577.25	2,171.37	405.88	6.350		
10,700.00	7,034.76	18,392.05	7,929.34	176.53	269.78	112.01	1,283.38	-7,347.06	2,565.32	2,152.45	412.86	6.213		
10,800.00	7,090.98	18,440.27	7,929.97	178.54	271.06	111.41	1,282.58	-7,395.27	2,555.77	2,136.45	419.32	6.095		
10,900.00	7,147.19	18,531.23	7,932.19	180.56	273.48	110.29	1,281.12	-7,486.19	2,547.81	2,121.32	426.49	5.974		
11,000.00	7,203.40	18,632.24	7,935.35	182.57	276.16	109.05	1,278.69	-7,587.12	2,540.55	2,106.84	433.71	5.858		
11,100.00	7,259.61	18,689.00	7,937.26	184.58	277.67	108.35	1,277.10	-7,643.83	2,534.35	2,094.42	439.93	5.761		
11,200.00	7,315.83	18,689.00	7,937.26	186.60	277.67	108.35	1,277.10	-7,643.83	2,531.44	2,086.90	444.54	5.694		
11,223.95	7,329.29	18,689.00	7,937.26	187.08	277.67	108.35	1,277.10	-7,643.83	2,531.33	2,085.78	445.55	5.681 CC		
11,300.00	7,372.04	18,689.00	7,937.26	188.61	277.67	108.35	1,277.10	-7,643.83	2,532.49	2,083.99	448.50	5.647 ES		
11,400.00	7,428.25	18,689.00	7,937.26	190.63	277.67	108.35	1,277.10	-7,643.83	2,537.48	2,085.70	451.77	5.617		
11,500.00	7,484.46	18,689.00	7,937.26	192.64	277.67	108.35	1,277.10	-7,643.83	2,546.38	2,092.02	454.37	5.604 SF		
11,600.00	7,540.68	18,689.00	7,937.26	194.65	277.67	108.35	1,277.10	-7,643.83	2,559.17	2,102.89	456.28	5.609		
11,700.00	7,596.89	18,689.00	7,937.26	196.67	277.67	108.35	1,277.10	-7,643.83	2,575.78	2,118.26	457.52	5.630		
11,800.00	7,653.10	18,689.00	7,937.26	198.68	277.67	108.35	1,277.10	-7,643.83	2,596.14	2,138.03	458.11	5.667		
11,900.00	7,708.64	18,689.00	7,937.26	200.71	277.67	107.04	1,277.10	-7,643.83	2,620.20	2,162.15	458.05	5.720		
12,000.00	7,753.02	18,689.00	7,937.26	202.96	277.67	102.91	1,277.10	-7,643.83	2,648.26	2,191.11	457.15	5.793		
12,100.00	7,781.64	18,689.00	7,937.26	205.41	277.67	98.94	1,277.10	-7,643.83	2,679.60	2,224.24	455.36	5.885		
12,200.00	7,793.64	18,689.00	7,937.26	207.95	277.67	95.12	1,277.10	-7,643.83	2,713.19	2,260.43	452.76	5.993		
12,300.00	7,794.00	18,689.00	7,937.26	210.49	277.67	94.36	1,277.10	-7,643.83	2,748.75	2,299.23	449.52	6.115		
12,400.00	7,794.00	18,689.00	7,937.26	213.04	277.67	94.36	1,277.10	-7,643.83	2,787.40	2,341.52	445.88	6.251		
12,500.00	7,794.00	18,689.00	7,937.26	215.58	277.67	94.36	1,277.10	-7,643.83	2,829.05	2,387.15	441.90	6.402		
12,600.00	7,794.00	18,689.00	7,937.26	218.14	277.67	94.36	1,277.10	-7,643.83	2,873.58	2,435.97	437.62	6.566		
12,700.00	7,794.00	18,689.00	7,937.26	220.69	277.67	94.36	1,277.10	-7,643.83	2,920.86	2,487.78	433.08	6.744		
12,800.00	7,794.00	18,689.00	7,937.26	223.25	277.67	94.36	1,277.10	-7,643.83	2,970.75	2,542.41	428.34	6.935		
12,900.00	7,794.00	18,689.00	7,937.26	225.81	277.67	94.36	1,277.10	-7,643.83	3,023.13	2,599.70	423.43	7.140		
13,000.00	7,794.00	18,689.00	7,937.26	228.37	277.67	94.36	1,277.10	-7,643.83	3,077.87	2,659.47	418.39	7.356		
13,100.00	7,794.00	18,689.00	7,937.26	230.94	277.67	94.36	1,277.10	-7,643.83	3,134.84	2,721.58	413.26	7.586		
13,200.00	7,794.00	18,689.00	7,937.26	233.51	277.67	94.36	1,277.10	-7,643.83	3,193.93	2,785.87	408.05	7.827		
13,300.00	7,794.00	18,689.00	7,937.26	236.08	277.67	94.36	1,277.10	-7,643.83	3,255.01	2,852.20	402.81	8.081		
13,400.00	7,794.00	18,689.00	7,937.26	238.66	277.67	94.36	1,277.10	-7,643.83	3,317.99	2,920.43	397.56	8.346		
13,500.00	7,794.00	18,689.00	7,937.26	241.24	277.67	94.36	1,277.10	-7,643.83	3,382.75	2,990.44	392.31	8.623		
13,600.00	7,794.00	18,689.00	7,937.26	243.82	277.67	94.36	1,277.10	-7,643.83	3,449.20	3,062.11	387.09	8.911		
13,700.00	7,794.00	18,689.00	7,937.26	246.40	277.67	94.36	1,277.10	-7,643.83	3,517.23	3,135.32	381.91	9.210		
13,800.00	7,794.00	18,689.00	7,937.26	248.99	277.67	94.36	1,277.10	-7,643.83	3,586.76	3,209.97	376.79	9.519		
13,900.00	7,794.00	18,689.00	7,937.26	251.58	277.67	94.36	1,277.10	-7,643.83	3,657.71	3,285.97	371.74	9.839		
14,000.00	7,794.00	18,689.00	7,937.26	254.17	277.67	94.36	1,277.10	-7,643.83	3,729.98	3,363.22	366.76	10.170		
14,100.00	7,794.00	18,689.00	7,937.26	256.76	277.67	94.36	1,277.10	-7,643.83	3,803.51	3,441.64	361.87	10.511		
14,200.00	7,794.00	18,689.00	7,937.26	259.36	277.67	94.36	1,277.10	-7,643.83	3,878.23	3,521.16	357.07	10.861		
14,300.00	7,794.00	18,689.00	7,937.26	261.95	277.67	94.36	1,277.10	-7,643.83	3,954.06	3,601.69	352.37	11.221		
14,400.00	7,794.00	18,689.00	7,937.26	264.55	277.67	94.36	1,277.10	-7,643.83	4,030.95	3,683.18	347.77	11.591		
14,500.00	7,794.00	18,689.00	7,937.26	267.15	277.67	94.36	1,277.10	-7,643.83	4,108.83	3,765.57	343.27	11.970		
14,600.00	7,794.00	18,689.00	7,937.26	269.76	277.67	94.36	1,277.10	-7,643.83	4,187.66	3,848.78	338.87	12.358		
14,700.00	7,794.00	18,689.00	7,937.26	272.36	277.67	94.36	1,277.10	-7,643.83	4,267.37	3,932.78	334.58	12.754		
14,800.00	7,794.00	18,689.00	7,937.26	274.97	277.67	94.36	1,277.10	-7,643.83	4,347.91	4,017.51	330.40	13.160		
14,900.00	7,794.00	18,689.00	7,937.26	277.58	277.67	94.36	1,277.10	-7,643.83	4,429.26	4,102.93	326.32	13.573		
15,000.00	7,794.00	18,689.00	7,937.26	280.19	277.67	94.36	1,277.10	-7,643.83	4,511.35	4,189.00	322.35	13.995		
15,100.00	7,794.00	18,689.00	7,937.26	282.80	277.67	94.36	1,277.10	-7,643.83	4,594.15	4,275.67	318.48	14.425		
15,200.00	7,794.00	18,689.00	7,937.26	285.41	277.67	94.36	1,277.10	-7,643.83	4,677.62	4,362.91	314.72	14.863		
15,300.00	7,794.00	18,689.00	7,937.26	288.03	277.67	94.36	1,277.10	-7,643.83	4,761.73	4,450.68	311.05	15.309		
15,400.00	7,794.00	18,689.00	7,937.26	290.64	277.67	94.36	1,277.10	-7,643.83	4,846.45	4,538.96	307.49	15.762		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 1AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3578-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,794.00	18,689.00	7,937.26	293.26	277.67	94.36	1,277.10	-7,643.83	4,931.73	4,627.72	304.02	16.222		
15,600.00	7,794.00	18,689.00	7,937.26	295.88	277.67	94.36	1,277.10	-7,643.83	5,017.56	4,716.92	300.65	16.689		
15,700.00	7,794.00	18,689.00	7,937.26	298.50	277.67	94.36	1,277.10	-7,643.83	5,103.91	4,806.54	297.37	17.164		
15,800.00	7,794.00	18,689.00	7,937.26	301.12	277.67	94.36	1,277.10	-7,643.83	5,190.75	4,896.57	294.18	17.645		
15,900.00	7,794.00	18,689.00	7,937.26	303.75	277.67	94.36	1,277.10	-7,643.83	5,278.05	4,986.97	291.07	18.133		
16,000.00	7,794.00	18,689.00	7,937.26	306.37	277.67	94.36	1,277.10	-7,643.83	5,365.79	5,077.73	288.06	18.627		
16,100.00	7,794.00	18,689.00	7,937.26	309.00	277.67	94.36	1,277.10	-7,643.83	5,453.96	5,168.83	285.13	19.128		
16,200.00	7,794.00	18,689.00	7,937.26	311.62	277.67	94.36	1,277.10	-7,643.83	5,542.53	5,260.25	282.28	19.635		
16,300.00	7,794.00	18,689.00	7,937.26	314.25	277.67	94.36	1,277.10	-7,643.83	5,631.48	5,351.98	279.50	20.148		
16,400.00	7,794.00	18,689.00	7,937.26	316.88	277.67	94.36	1,277.10	-7,643.83	5,720.80	5,443.99	276.81	20.667		
16,500.00	7,794.00	18,689.00	7,937.26	319.51	277.67	94.36	1,277.10	-7,643.83	5,810.46	5,536.28	274.19	21.192		
16,600.00	7,794.00	18,689.00	7,937.26	322.15	277.67	94.36	1,277.10	-7,643.83	5,900.46	5,628.82	271.64	21.722		
16,700.00	7,794.00	18,689.00	7,937.26	324.78	277.67	94.36	1,277.10	-7,643.83	5,990.78	5,721.62	269.16	22.258		
16,800.00	7,794.00	18,689.00	7,937.26	327.41	277.67	94.36	1,277.10	-7,643.83	6,081.39	5,814.65	266.74	22.799		
16,900.00	7,794.00	18,689.00	7,937.26	330.05	277.67	94.36	1,277.10	-7,643.83	6,172.30	5,907.90	264.40	23.345		
17,000.00	7,794.00	18,689.00	7,937.26	332.68	277.67	94.36	1,277.10	-7,643.83	6,263.48	6,001.37	262.11	23.896		
17,100.00	7,794.00	18,689.00	7,937.26	335.32	277.67	94.36	1,277.10	-7,643.83	6,354.93	6,095.04	259.89	24.452		
17,200.00	7,794.00	18,689.00	7,937.26	337.96	277.67	94.36	1,277.10	-7,643.83	6,446.64	6,188.91	257.73	25.013		
17,300.00	7,794.00	18,689.00	7,937.26	340.60	277.67	94.36	1,277.10	-7,643.83	6,538.58	6,282.96	255.62	25.579		
17,400.00	7,794.00	18,689.00	7,937.26	343.24	277.67	94.36	1,277.10	-7,643.83	6,630.76	6,377.19	253.57	26.150		
17,500.00	7,794.00	18,689.00	7,937.26	345.88	277.67	94.36	1,277.10	-7,643.83	6,723.17	6,471.59	251.57	26.724		
17,600.00	7,794.00	18,689.00	7,937.26	348.52	277.67	94.36	1,277.10	-7,643.83	6,815.79	6,566.16	249.63	27.304		
17,700.00	7,794.00	18,689.00	7,937.26	351.16	277.67	94.36	1,277.10	-7,643.83	6,908.61	6,660.87	247.74	27.887		
17,800.00	7,794.00	18,689.00	7,937.26	353.81	277.67	94.36	1,277.10	-7,643.83	7,001.63	6,755.74	245.89	28.475		
17,900.00	7,794.00	18,689.00	7,937.26	356.45	277.67	94.36	1,277.10	-7,643.83	7,094.84	6,850.75	244.09	29.066		
18,000.00	7,794.00	18,689.00	7,937.26	359.09	277.67	94.36	1,277.10	-7,643.83	7,188.24	6,945.89	242.34	29.662		
18,100.00	7,794.00	18,689.00	7,937.26	361.74	277.67	94.36	1,277.10	-7,643.83	7,281.80	7,041.17	240.63	30.261		
18,200.00	7,794.00	18,689.00	7,937.26	364.39	277.67	94.36	1,277.10	-7,643.83	7,375.54	7,136.57	238.97	30.864		
18,300.00	7,794.00	18,689.00	7,937.26	367.03	277.67	94.36	1,277.10	-7,643.83	7,469.44	7,232.10	237.35	31.471		
18,400.00	7,794.00	18,689.00	7,937.26	369.68	277.67	94.36	1,277.10	-7,643.83	7,563.50	7,327.74	235.76	32.081		
18,500.00	7,794.00	18,689.00	7,937.26	372.33	277.67	94.36	1,277.10	-7,643.83	7,657.71	7,423.49	234.22	32.694		
18,600.00	7,794.00	18,689.00	7,937.26	374.98	277.67	94.36	1,277.10	-7,643.83	7,752.06	7,519.34	232.72	33.311		
18,700.00	7,794.00	18,689.00	7,937.26	377.63	277.67	94.36	1,277.10	-7,643.83	7,846.55	7,615.30	231.25	33.932		
18,800.00	7,794.00	18,689.00	7,937.26	380.28	277.67	94.36	1,277.10	-7,643.83	7,941.18	7,711.36	229.81	34.555		
18,900.00	7,794.00	18,689.00	7,937.26	382.93	277.67	94.36	1,277.10	-7,643.83	8,035.94	7,807.52	228.42	35.181		
19,000.00	7,794.00	18,689.00	7,937.26	385.58	277.67	94.36	1,277.10	-7,643.83	8,130.82	7,903.77	227.05	35.811		
19,100.00	7,794.00	18,689.00	7,937.26	388.24	277.67	94.36	1,277.10	-7,643.83	8,225.82	8,000.10	225.72	36.443		
19,200.00	7,794.00	18,689.00	7,937.26	390.89	277.67	94.36	1,277.10	-7,643.83	8,320.94	8,096.53	224.42	37.078		
19,300.00	7,794.00	18,689.00	7,937.26	393.55	277.67	94.36	1,277.10	-7,643.83	8,416.18	8,193.03	223.15	37.716		
19,400.00	7,794.00	18,689.00	7,937.26	396.20	277.67	94.36	1,277.10	-7,643.83	8,511.52	8,289.62	221.91	38.356		
19,500.00	7,794.00	18,689.00	7,937.26	398.85	277.67	94.36	1,277.10	-7,643.83	8,606.97	8,386.28	220.69	38.999		
19,600.00	7,794.00	18,689.00	7,937.26	401.51	277.67	94.36	1,277.10	-7,643.83	8,702.52	8,483.01	219.51	39.645		
19,700.00	7,794.00	18,689.00	7,937.26	404.17	277.67	94.36	1,277.10	-7,643.83	8,798.17	8,579.82	218.35	40.293		
19,800.00	7,794.00	18,689.00	7,937.26	406.82	277.67	94.36	1,277.10	-7,643.83	8,893.92	8,676.70	217.22	40.943		
19,900.00	7,794.00	18,689.00	7,937.26	409.48	277.67	94.36	1,277.10	-7,643.83	8,989.76	8,773.64	216.12	41.596		
20,000.00	7,794.00	18,689.00	7,937.26	412.14	277.67	94.36	1,277.10	-7,643.83	9,085.69	8,870.65	215.04	42.251		
20,100.00	7,794.00	18,689.00	7,937.26	414.80	277.67	94.36	1,277.10	-7,643.83	9,181.70	8,967.72	213.98	42.908		
20,200.00	7,794.00	18,689.00	7,937.26	417.46	277.67	94.36	1,277.10	-7,643.83	9,277.80	9,064.85	212.95	43.567		
20,300.00	7,794.00	18,689.00	7,937.26	420.12	277.67	94.36	1,277.10	-7,643.83	9,373.98	9,162.04	211.94	44.229		
20,400.00	7,794.00	18,689.00	7,937.26	422.78	277.67	94.36	1,277.10	-7,643.83	9,470.24	9,259.29	210.96	44.892		
20,500.00	7,794.00	18,689.00	7,937.26	425.44	277.67	94.36	1,277.10	-7,643.83	9,566.58	9,356.59	209.99	45.557		
20,600.00	7,794.00	18,689.00	7,937.26	428.10	277.67	94.36	1,277.10	-7,643.83	9,662.99	9,453.94	209.05	46.224		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design		SEC 28-T3S-R65W - KING 3-65 28-29 1AH - OWB - FINAL SURVEY										Offset Site Error:	0.00 usft
Survey Program:		209-MWD OWSG, 3578-MWD OWSG										Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,700.00	7,794.00	18,689.00	7,937.26	430.76	277.67	94.36	1,277.10	-7,643.83	9,759.47	9,551.35	208.12	46.893	
20,800.00	7,794.00	18,689.00	7,937.26	433.42	277.67	94.36	1,277.10	-7,643.83	9,856.03	9,648.81	207.22	47.563	
20,900.00	7,794.00	18,689.00	7,937.26	436.08	277.67	94.36	1,277.10	-7,643.83	9,952.65	9,746.31	206.34	48.235	
21,000.00	7,794.00	18,689.00	7,937.26	438.74	277.67	94.36	1,277.10	-7,643.83	10,049.34	9,843.87	205.47	48.909	
21,100.00	7,794.00	18,689.00	7,937.26	441.41	277.67	94.36	1,277.10	-7,643.83	10,146.09	9,941.47	204.62	49.584	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													SEC 28-T3S-R65W - KING 3-65 28-29 1BH - OWB - FINAL SURVEY		Offset Site Error: 0.00 usft	
Survey Program:		209-MWD OWSG, 3481-MWD OWSG											Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
100.00	100.00	54.54	54.54	0.27	0.09	130.78	-1,867.83	2,165.06	2,859.42	2,859.06	0.36	8,054.580				
200.00	200.00	165.83	165.83	0.63	0.26	130.78	-1,867.45	2,164.80	2,859.03	2,858.14	0.89	3,215.481				
300.00	300.00	272.39	272.39	0.99	0.56	130.78	-1,866.81	2,164.33	2,858.29	2,856.75	1.54	1,852.508				
400.00	400.00	375.08	375.07	1.34	0.93	130.78	-1,866.19	2,163.68	2,857.42	2,855.15	2.27	1,259.184				
500.00	500.00	523.21	523.16	1.70	1.46	130.74	-1,863.06	2,162.83	2,855.58	2,852.43	3.16	904.314				
600.00	599.98	634.22	634.02	2.05	1.85	-130.83	-1,857.43	2,163.52	2,853.88	2,849.97	3.90	731.288				
633.00	632.95	668.92	668.67	2.17	1.98	-130.89	-1,855.59	2,163.73	2,853.76	2,849.62	4.14	689.149				
700.00	699.84	732.92	732.57	2.40	2.21	-130.99	-1,852.11	2,164.19	2,854.31	2,849.71	4.60	620.032				
800.00	799.45	866.09	865.34	2.76	2.70	-131.32	-1,842.34	2,166.63	2,856.75	2,851.30	5.44	524.751				
900.00	898.70	978.87	976.84	3.13	3.14	-131.78	-1,826.75	2,172.82	2,860.11	2,853.86	6.24	457.991				
1,000.00	997.47	1,045.00	1,041.98	3.53	3.41	-132.06	-1,816.61	2,178.03	2,866.84	2,859.95	6.89	415.851				
1,100.00	1,095.62	1,135.07	1,130.41	3.95	3.79	-132.50	-1,801.83	2,186.61	2,876.84	2,869.17	7.67	375.040				
1,200.00	1,193.06	1,338.83	1,326.94	4.41	4.76	-134.02	-1,754.28	2,210.93	2,886.99	2,877.94	9.05	318.955				
1,300.00	1,289.64	1,405.29	1,390.19	4.91	5.12	-134.47	-1,736.02	2,220.07	2,899.58	2,889.73	9.85	294.400				
1,400.00	1,385.27	1,481.14	1,462.32	5.45	5.54	-134.99	-1,715.22	2,230.93	2,915.81	2,905.09	10.72	271.895				
1,500.00	1,479.82	1,581.42	1,557.99	6.04	6.10	-135.73	-1,688.50	2,244.73	2,935.36	2,923.60	11.76	249.569				
1,600.00	1,573.17	1,902.47	1,860.11	6.69	8.04	-138.94	-1,586.78	2,280.71	2,952.86	2,938.73	14.13	208.936				
1,700.00	1,665.21	1,998.94	1,949.01	7.39	8.69	-139.82	-1,550.73	2,290.83	2,972.14	2,956.85	15.29	194.337				
1,800.00	1,755.84	2,099.26	2,041.30	8.16	9.37	-140.74	-1,512.71	2,300.88	2,994.68	2,978.17	16.51	181.378				
1,900.00	1,844.94	2,184.69	2,120.11	9.00	9.95	-141.46	-1,480.66	2,308.70	3,020.64	3,002.99	17.65	171.123				
2,000.00	1,932.39	2,258.21	2,188.20	9.91	10.45	-141.99	-1,453.66	2,314.94	3,050.29	3,031.56	18.73	162.855				
2,100.00	2,018.11	2,337.98	2,262.52	10.89	10.97	-142.55	-1,425.33	2,321.09	3,083.66	3,063.81	19.85	155.374				
2,200.00	2,101.97	2,420.48	2,339.88	11.94	11.51	-143.10	-1,397.21	2,326.55	3,120.54	3,099.55	20.99	148.682				
2,300.00	2,183.88	2,493.24	2,408.47	13.08	11.97	-143.48	-1,373.29	2,330.68	3,160.86	3,138.79	22.08	143.164				
2,400.00	2,263.74	2,551.51	2,463.33	14.28	12.34	-143.65	-1,353.95	2,334.21	3,204.94	3,181.85	23.09	138.830				
2,500.00	2,341.45	2,619.00	2,526.36	15.57	12.80	-143.93	-1,330.31	2,338.99	3,252.67	3,228.50	24.17	134.563				
2,600.00	2,416.92	2,690.29	2,591.93	16.93	13.30	-144.27	-1,303.01	2,344.94	3,303.87	3,278.58	25.29	130.626				
2,700.00	2,490.05	2,766.40	2,661.85	18.37	13.84	-144.64	-1,273.52	2,351.00	3,358.29	3,331.84	26.45	126.972				
2,800.00	2,560.76	2,831.73	2,722.17	19.88	14.29	-144.81	-1,248.88	2,355.68	3,415.93	3,388.40	27.52	124.108				
2,900.00	2,628.95	2,882.50	2,769.34	21.48	14.64	-144.69	-1,230.41	2,358.99	3,476.79	3,448.30	28.49	122.041				
3,000.00	2,694.55	2,928.61	2,812.44	23.15	14.95	-144.44	-1,214.30	2,361.86	3,540.90	3,511.49	29.41	120.386				
3,100.00	2,757.48	2,961.57	2,843.35	24.89	15.17	-143.90	-1,203.03	2,363.92	3,608.16	3,577.91	30.25	119.290				
3,200.00	2,817.66	2,987.94	2,867.98	26.70	15.35	-143.16	-1,193.79	2,365.80	3,678.54	3,647.51	31.03	118.565				
3,300.00	2,875.03	3,011.64	2,890.03	28.58	15.51	-142.41	-1,185.31	2,367.67	3,751.86	3,720.09	31.77	118.085				
3,400.00	2,931.24	3,035.00	2,911.68	30.50	15.67	-142.83	-1,176.78	2,369.69	3,826.89	3,794.40	32.49	117.784				
3,500.00	2,987.46	3,065.53	2,939.96	32.43	15.88	-143.38	-1,165.61	2,372.44	3,902.76	3,869.52	33.23	117.432				
3,600.00	3,043.67	3,098.30	2,970.41	34.37	16.10	-143.96	-1,153.85	2,375.41	3,979.36	3,945.39	33.97	117.140				
3,700.00	3,099.88	3,132.43	3,002.21	36.32	16.34	-144.55	-1,141.85	2,378.51	4,056.66	4,021.96	34.70	116.920				
3,800.00	3,156.09	3,180.14	3,046.82	38.27	16.66	-145.35	-1,125.50	2,382.73	4,134.52	4,099.04	35.48	116.541				
3,900.00	3,212.31	3,229.45	3,093.15	40.23	16.99	-146.16	-1,109.11	2,386.91	4,212.84	4,176.59	36.25	116.212				
4,000.00	3,268.52	3,269.38	3,130.88	42.20	17.23	-146.79	-1,096.45	2,390.15	4,291.63	4,254.69	36.93	116.201				
4,100.00	3,324.73	3,312.17	3,171.56	44.17	17.50	-147.44	-1,083.64	2,393.50	4,370.87	4,333.25	37.62	116.178				
4,200.00	3,380.94	3,350.00	3,207.75	46.15	17.73	-147.99	-1,072.96	2,396.34	4,450.52	4,412.25	38.27	116.289				
4,300.00	3,437.16	3,389.66	3,245.84	48.12	17.90	-148.56	-1,062.33	2,399.27	4,530.60	4,491.76	38.84	116.638				
4,400.00	3,493.37	3,424.64	3,279.54	50.11	18.05	-149.04	-1,053.33	2,401.88	4,611.13	4,571.74	39.39	117.078				
4,500.00	3,549.58	12,994.53	7,951.65	52.09	128.04	166.45	645.77	-2,003.97	4,565.67	4,498.39	67.28	67.857				
4,600.00	3,605.79	13,058.34	7,954.73	54.08	129.71	166.19	647.15	-2,067.69	4,517.81	4,448.73	69.08	65.400				
4,700.00	3,662.01	13,388.87	7,962.61	56.07	138.42	164.66	660.03	-2,397.71	4,469.77	4,396.98	72.79	61.403				
4,800.00	3,718.22	13,429.99	7,962.28	58.06	139.51	164.45	662.08	-2,438.78	4,418.24	4,343.64	74.60	59.228				
4,900.00	3,774.43	13,502.74	7,962.26	60.05	141.44	164.07	665.73	-2,511.44	4,367.50	4,290.81	76.68	56.954				
5,000.00	3,830.65	13,603.32	7,961.88	62.04	144.10	163.55	670.45	-2,611.91	4,316.63	4,237.60	79.03	54.617				
5,100.00	3,886.86	13,673.46	7,962.21	64.04	145.94	163.21	670.98	-2,682.04	4,265.84	4,184.68	81.15	52.564				

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 1BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	13,739.00	7,963.07	66.03	147.67	162.90	671.14	-2,747.57	4,215.73	4,132.44	83.29	50.615		
5,300.00	3,999.28	13,805.74	7,964.11	68.03	149.43	162.57	671.71	-2,814.31	4,166.11	4,080.60	85.50	48.724		
5,400.00	4,055.50	13,860.21	7,964.92	70.03	150.86	162.30	672.53	-2,868.76	4,116.84	4,029.13	87.71	46.939		
5,500.00	4,111.71	13,899.70	7,966.05	72.03	151.90	162.10	672.72	-2,908.23	4,068.58	3,978.73	89.85	45.282		
5,600.00	4,167.92	13,993.04	7,970.01	74.03	154.35	161.66	671.63	-3,001.48	4,021.25	3,928.90	92.35	43.542		
5,700.00	4,224.13	14,156.61	7,973.71	76.03	158.65	160.85	669.84	-3,164.98	3,972.21	3,876.83	95.38	41.648		
5,800.00	4,280.35	14,212.00	7,974.49	78.03	160.11	160.55	669.80	-3,220.37	3,923.25	3,825.42	97.83	40.103		
5,900.00	4,336.56	14,282.09	7,976.12	80.04	161.96	160.19	668.91	-3,290.43	3,874.88	3,774.46	100.41	38.589		
6,000.00	4,392.77	14,385.91	7,978.66	82.04	164.69	159.65	667.10	-3,394.19	3,826.63	3,723.36	103.26	37.057		
6,100.00	4,448.98	14,445.89	7,979.90	84.04	166.26	159.32	666.37	-3,454.16	3,778.51	3,672.57	105.94	35.667		
6,200.00	4,505.20	14,495.00	7,982.20	86.05	167.55	159.08	664.11	-3,503.15	3,731.58	3,623.04	108.54	34.381		
6,300.00	4,561.41	14,555.93	7,985.70	88.05	169.14	158.79	660.90	-3,563.90	3,685.52	3,574.29	111.23	33.133		
6,400.00	4,617.62	14,721.43	7,992.23	90.06	173.48	157.90	655.73	-3,729.18	3,638.91	3,524.24	114.67	31.733		
6,500.00	4,673.83	14,804.70	7,994.69	92.07	175.66	157.45	652.29	-3,812.33	3,591.38	3,473.67	117.71	30.510		
6,600.00	4,730.05	14,873.00	7,996.70	94.07	177.46	157.05	650.39	-3,880.58	3,544.42	3,423.62	120.80	29.342		
6,700.00	4,786.26	14,961.30	7,998.63	96.08	179.80	156.49	650.03	-3,968.85	3,497.83	3,373.63	124.21	28.161		
6,800.00	4,842.47	15,051.03	7,999.78	98.09	182.18	155.88	651.09	-4,058.57	3,451.29	3,323.47	127.82	27.001		
6,900.00	4,898.68	15,146.54	8,000.74	100.09	184.72	155.21	652.11	-4,154.07	3,404.83	3,273.23	131.60	25.872		
7,000.00	4,954.90	15,245.03	8,001.65	102.10	187.34	154.51	652.26	-4,252.56	3,358.32	3,222.83	135.49	24.787		
7,100.00	5,011.11	15,293.65	8,002.29	104.11	188.63	154.17	652.09	-4,301.17	3,312.31	3,173.24	139.07	23.818		
7,200.00	5,067.32	15,346.00	8,003.37	106.12	190.02	153.78	652.65	-4,353.51	3,267.57	3,124.76	142.81	22.881		
7,300.00	5,123.53	15,412.00	8,005.18	108.13	191.78	153.28	653.52	-4,419.47	3,223.81	3,077.02	146.79	21.962		
7,400.00	5,179.75	15,488.79	8,007.75	110.14	193.82	152.71	653.82	-4,496.22	3,180.59	3,029.64	150.95	21.071		
7,500.00	5,235.96	15,558.54	8,010.43	112.15	195.67	152.19	653.79	-4,565.92	3,137.96	2,982.82	155.14	20.227		
7,600.00	5,292.17	15,630.00	8,013.04	114.16	197.58	151.61	655.32	-4,637.31	3,096.32	2,936.75	159.57	19.404		
7,700.00	5,348.38	15,685.65	8,015.14	116.17	199.06	151.15	657.18	-4,692.89	3,055.60	2,891.61	164.00	18.632		
7,800.00	5,404.60	15,816.07	8,019.80	118.18	202.55	150.04	661.26	-4,823.16	3,015.36	2,845.88	169.48	17.792		
7,900.00	5,460.81	15,952.46	8,021.88	120.19	206.19	148.83	663.58	-4,959.50	2,973.12	2,797.97	175.16	16.974		
8,000.00	5,517.02	16,015.92	8,021.87	122.20	207.89	148.22	666.34	-5,022.89	2,931.59	2,751.28	180.31	16.259		
8,100.00	5,573.24	16,117.02	8,021.35	124.21	210.60	147.21	671.37	-5,123.87	2,890.54	2,704.31	186.23	15.521		
8,200.00	5,629.45	16,197.00	8,021.06	126.22	212.74	146.40	674.55	-5,203.79	2,849.83	2,657.86	191.96	14.846		
8,300.00	5,685.66	16,266.34	8,021.16	128.23	214.60	145.70	677.06	-5,273.08	2,809.93	2,612.25	197.68	14.215		
8,400.00	5,741.87	16,372.75	8,021.67	130.24	217.45	144.60	680.40	-5,379.44	2,770.76	2,566.68	204.08	13.577		
8,500.00	5,798.09	16,461.35	8,021.61	132.25	219.82	143.67	682.53	-5,468.01	2,731.48	2,521.10	210.38	12.983		
8,600.00	5,854.30	16,571.77	8,021.62	134.26	222.77	142.49	684.06	-5,578.42	2,692.49	2,475.38	217.11	12.402		
8,700.00	5,910.51	16,694.84	8,022.58	136.28	226.03	141.24	680.89	-5,701.43	2,652.69	2,428.94	223.75	11.856		
8,800.00	5,966.72	16,763.00	8,021.98	138.29	227.85	140.49	680.38	-5,769.58	2,613.40	2,383.18	230.22	11.352		
8,900.00	6,022.94	16,865.69	8,019.18	140.30	230.59	139.26	681.91	-5,872.21	2,574.72	2,337.14	237.58	10.837		
9,000.00	6,079.15	16,938.77	8,017.31	142.31	232.54	138.38	682.55	-5,945.27	2,536.67	2,292.01	244.66	10.368		
9,100.00	6,135.36	16,996.90	8,016.60	144.32	234.09	137.69	682.50	-6,003.39	2,499.84	2,248.24	251.61	9.936		
9,200.00	6,191.57	17,047.00	8,017.03	146.34	235.43	137.10	682.00	-6,053.49	2,464.69	2,206.23	258.47	9.536		
9,300.00	6,247.79	17,120.83	8,018.63	148.35	237.39	136.24	681.08	-6,127.30	2,430.99	2,165.27	265.72	9.149		
9,400.00	6,304.00	17,205.81	8,021.27	150.36	239.65	135.25	679.69	-6,212.23	2,398.45	2,125.23	273.22	8.779		
9,500.00	6,360.21	17,276.12	8,024.18	152.37	241.52	134.43	677.71	-6,282.44	2,366.70	2,086.14	280.56	8.436		
9,600.00	6,416.42	17,337.23	8,026.16	154.39	243.15	133.68	677.48	-6,343.52	2,336.61	2,048.55	288.07	8.111		
9,700.00	6,472.64	17,442.35	8,028.39	156.40	245.96	132.33	678.10	-6,448.61	2,307.37	2,010.77	296.60	7.779		
9,800.00	6,528.85	17,529.02	8,029.53	158.41	248.28	131.18	678.63	-6,535.28	2,278.69	1,973.68	305.01	7.471		
9,900.00	6,585.06	17,604.38	8,029.38	160.42	250.30	130.12	680.20	-6,610.61	2,251.16	1,937.64	313.52	7.180		
10,000.00	6,641.27	17,688.11	8,027.85	162.44	252.55	128.89	683.28	-6,694.27	2,224.93	1,902.40	322.53	6.898		
10,100.00	6,697.49	17,792.49	8,025.18	164.45	255.35	127.31	686.97	-6,798.55	2,199.58	1,867.37	332.20	6.621		
10,200.00	6,753.70	17,930.29	8,019.84	166.46	259.04	125.18	689.04	-6,936.23	2,173.40	1,830.73	342.67	6.343		
10,300.00	6,809.91	17,993.00	8,017.69	168.48	260.71	124.21	689.34	-6,998.90	2,148.44	1,796.95	351.49	6.112		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	18,063.28	8,016.17	170.49	262.59	123.12	689.58	-7,069.16	2,125.38	1,764.97	360.42	5.897		
10,500.00	6,922.34	18,171.40	8,013.87	172.50	265.49	121.42	689.73	-7,177.26	2,103.68	1,733.52	370.16	5.683		
10,600.00	6,978.55	18,241.80	8,011.71	174.52	267.37	120.29	689.63	-7,247.61	2,082.81	1,703.63	379.18	5.493		
10,700.00	7,034.76	18,298.41	8,010.99	176.53	268.88	119.39	689.42	-7,304.22	2,064.05	1,676.32	387.73	5.323		
10,800.00	7,090.98	18,344.68	8,010.96	178.54	270.12	118.66	689.80	-7,350.49	2,048.07	1,652.21	395.86	5.174		
10,900.00	7,147.19	18,406.11	8,011.29	180.56	271.77	117.68	691.23	-7,411.91	2,034.87	1,630.65	404.22	5.034		
11,000.00	7,203.40	18,483.05	8,010.40	182.57	273.84	116.40	693.97	-7,488.79	2,023.60	1,610.58	413.03	4.899		
11,100.00	7,259.61	18,563.26	8,008.96	184.58	276.00	115.04	697.14	-7,568.92	2,014.10	1,592.27	421.83	4.775		
11,200.00	7,315.83	18,641.00	8,007.56	186.60	278.09	113.72	700.21	-7,646.59	2,006.32	1,575.96	430.36	4.662		
11,300.00	7,372.04	18,641.00	8,007.56	188.61	278.09	113.72	700.21	-7,646.59	2,002.01	1,566.39	435.62	4.596		
11,336.50	7,392.56	18,641.00	8,007.56	189.35	278.09	113.72	700.21	-7,646.59	2,001.68	1,564.39	437.29	4.577	CC	
11,400.00	7,428.25	18,641.00	8,007.56	190.63	278.09	113.72	700.21	-7,646.59	2,002.69	1,562.83	439.86	4.553	ES	
11,500.00	7,484.46	18,641.00	8,007.56	192.64	278.09	113.72	700.21	-7,646.59	2,008.35	1,565.32	443.03	4.533	SF	
11,600.00	7,540.68	18,641.00	8,007.56	194.65	278.09	113.72	700.21	-7,646.59	2,018.95	1,573.81	445.14	4.536		
11,700.00	7,596.89	18,641.00	8,007.56	196.67	278.09	113.72	700.21	-7,646.59	2,034.42	1,588.22	446.20	4.559		
11,800.00	7,653.10	18,641.00	8,007.56	198.68	278.09	113.72	700.21	-7,646.59	2,054.65	1,608.40	446.25	4.604		
11,900.00	7,708.64	18,641.00	8,007.56	200.71	278.09	112.37	700.21	-7,646.59	2,079.61	1,634.30	445.31	4.670		
12,000.00	7,753.02	18,641.00	8,007.56	202.96	278.09	107.92	700.21	-7,646.59	2,110.60	1,667.73	442.87	4.766		
12,100.00	7,781.64	18,641.00	8,007.56	205.41	278.09	103.33	700.21	-7,646.59	2,147.07	1,708.15	438.92	4.892		
12,200.00	7,793.64	18,641.00	8,007.56	207.95	278.09	98.63	700.21	-7,646.59	2,187.66	1,753.98	433.69	5.044		
12,300.00	7,794.00	18,641.00	8,007.56	210.49	278.09	97.66	700.21	-7,646.59	2,231.48	1,803.90	427.58	5.219		
12,400.00	7,794.00	18,641.00	8,007.56	213.04	278.09	97.66	700.21	-7,646.59	2,278.81	1,857.74	421.08	5.412		
12,500.00	7,794.00	18,641.00	8,007.56	215.58	278.09	97.66	700.21	-7,646.59	2,329.48	1,915.20	414.29	5.623		
12,600.00	7,794.00	18,641.00	8,007.56	218.14	278.09	97.66	700.21	-7,646.59	2,383.27	1,975.99	407.29	5.852		
12,700.00	7,794.00	18,641.00	8,007.56	220.69	278.09	97.66	700.21	-7,646.59	2,439.98	2,039.83	400.15	6.098		
12,800.00	7,794.00	18,641.00	8,007.56	223.25	278.09	97.66	700.21	-7,646.59	2,499.40	2,106.45	392.95	6.361		
12,900.00	7,794.00	18,641.00	8,007.56	225.81	278.09	97.66	700.21	-7,646.59	2,561.34	2,175.62	385.73	6.640		
13,000.00	7,794.00	18,641.00	8,007.56	228.37	278.09	97.66	700.21	-7,646.59	2,625.64	2,247.10	378.54	6.936		
13,100.00	7,794.00	18,641.00	8,007.56	230.94	278.09	97.66	700.21	-7,646.59	2,692.12	2,320.69	371.43	7.248		
13,200.00	7,794.00	18,641.00	8,007.56	233.51	278.09	97.66	700.21	-7,646.59	2,760.61	2,396.19	364.42	7.575		
13,300.00	7,794.00	18,641.00	8,007.56	236.08	278.09	97.66	700.21	-7,646.59	2,830.99	2,473.45	357.54	7.918		
13,400.00	7,794.00	18,641.00	8,007.56	238.66	278.09	97.66	700.21	-7,646.59	2,903.10	2,552.29	350.81	8.275		
13,500.00	7,794.00	18,641.00	8,007.56	241.24	278.09	97.66	700.21	-7,646.59	2,976.82	2,632.58	344.25	8.647		
13,600.00	7,794.00	18,641.00	8,007.56	243.82	278.09	97.66	700.21	-7,646.59	3,052.05	2,714.19	337.86	9.033		
13,700.00	7,794.00	18,641.00	8,007.56	246.40	278.09	97.66	700.21	-7,646.59	3,128.66	2,797.00	331.66	9.433		
13,800.00	7,794.00	18,641.00	8,007.56	248.99	278.09	97.66	700.21	-7,646.59	3,206.55	2,880.91	325.64	9.847		
13,900.00	7,794.00	18,641.00	8,007.56	251.58	278.09	97.66	700.21	-7,646.59	3,285.65	2,965.83	319.81	10.274		
14,000.00	7,794.00	18,641.00	8,007.56	254.17	278.09	97.66	700.21	-7,646.59	3,365.86	3,051.68	314.18	10.713		
14,100.00	7,794.00	18,641.00	8,007.56	256.76	278.09	97.66	700.21	-7,646.59	3,447.10	3,138.36	308.73	11.165		
14,200.00	7,794.00	18,641.00	8,007.56	259.36	278.09	97.66	700.21	-7,646.59	3,529.30	3,225.83	303.48	11.630		
14,300.00	7,794.00	18,641.00	8,007.56	261.95	278.09	97.66	700.21	-7,646.59	3,612.41	3,314.00	298.40	12.106		
14,400.00	7,794.00	18,641.00	8,007.56	264.55	278.09	97.66	700.21	-7,646.59	3,696.35	3,402.84	293.51	12.594		
14,500.00	7,794.00	18,641.00	8,007.56	267.15	278.09	97.66	700.21	-7,646.59	3,781.07	3,492.28	288.79	13.093		
14,600.00	7,794.00	18,641.00	8,007.56	269.76	278.09	97.66	700.21	-7,646.59	3,866.52	3,582.28	284.24	13.603		
14,700.00	7,794.00	18,641.00	8,007.56	272.36	278.09	97.66	700.21	-7,646.59	3,952.65	3,672.80	279.86	14.124		
14,800.00	7,794.00	18,641.00	8,007.56	274.97	278.09	97.66	700.21	-7,646.59	4,039.43	3,763.80	275.63	14.655		
14,900.00	7,794.00	18,641.00	8,007.56	277.58	278.09	97.66	700.21	-7,646.59	4,126.80	3,855.24	271.56	15.197		
15,000.00	7,794.00	18,641.00	8,007.56	280.19	278.09	97.66	700.21	-7,646.59	4,214.73	3,947.10	267.63	15.748		
15,100.00	7,794.00	18,641.00	8,007.56	282.80	278.09	97.66	700.21	-7,646.59	4,303.19	4,039.34	263.85	16.309		
15,200.00	7,794.00	18,641.00	8,007.56	285.41	278.09	97.66	700.21	-7,646.59	4,392.15	4,131.95	260.20	16.880		
15,300.00	7,794.00	18,641.00	8,007.56	288.03	278.09	97.66	700.21	-7,646.59	4,481.57	4,224.88	256.69	17.459		
15,400.00	7,794.00	18,641.00	8,007.56	290.64	278.09	97.66	700.21	-7,646.59	4,571.43	4,318.13	253.30	18.048		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 1BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,794.00	18,641.00	8,007.56	293.26	278.09	97.66	700.21	-7,646.59	4,661.70	4,411.67	250.03	18.645		
15,600.00	7,794.00	18,641.00	8,007.56	295.88	278.09	97.66	700.21	-7,646.59	4,752.37	4,505.49	246.88	19.250		
15,700.00	7,794.00	18,641.00	8,007.56	298.50	278.09	97.66	700.21	-7,646.59	4,843.39	4,599.56	243.84	19.863		
15,800.00	7,794.00	18,641.00	8,007.56	301.12	278.09	97.66	700.21	-7,646.59	4,934.77	4,693.87	240.90	20.485		
15,900.00	7,794.00	18,641.00	8,007.56	303.75	278.09	97.66	700.21	-7,646.59	5,026.48	4,788.41	238.07	21.114		
16,000.00	7,794.00	18,641.00	8,007.56	306.37	278.09	97.66	700.21	-7,646.59	5,118.49	4,883.16	235.33	21.750		
16,100.00	7,794.00	18,641.00	8,007.56	309.00	278.09	97.66	700.21	-7,646.59	5,210.80	4,978.11	232.69	22.394		
16,200.00	7,794.00	18,641.00	8,007.56	311.62	278.09	97.66	700.21	-7,646.59	5,303.39	5,073.26	230.14	23.044		
16,300.00	7,794.00	18,641.00	8,007.56	314.25	278.09	97.66	700.21	-7,646.59	5,396.25	5,168.57	227.67	23.702		
16,400.00	7,794.00	18,641.00	8,007.56	316.88	278.09	97.66	700.21	-7,646.59	5,489.35	5,264.06	225.29	24.366		
16,500.00	7,794.00	18,641.00	8,007.56	319.51	278.09	97.66	700.21	-7,646.59	5,582.69	5,359.71	222.98	25.036		
16,600.00	7,794.00	18,641.00	8,007.56	322.15	278.09	97.66	700.21	-7,646.59	5,676.26	5,455.51	220.75	25.713		
16,700.00	7,794.00	18,641.00	8,007.56	324.78	278.09	97.66	700.21	-7,646.59	5,770.05	5,551.45	218.60	26.396		
16,800.00	7,794.00	18,641.00	8,007.56	327.41	278.09	97.66	700.21	-7,646.59	5,864.04	5,647.53	216.51	27.084		
16,900.00	7,794.00	18,641.00	8,007.56	330.05	278.09	97.66	700.21	-7,646.59	5,958.23	5,743.74	214.49	27.779		
17,000.00	7,794.00	18,641.00	8,007.56	332.68	278.09	97.66	700.21	-7,646.59	6,052.60	5,840.07	212.53	28.478		
17,100.00	7,794.00	18,641.00	8,007.56	335.32	278.09	97.66	700.21	-7,646.59	6,147.15	5,936.51	210.64	29.183		
17,200.00	7,794.00	18,641.00	8,007.56	337.96	278.09	97.66	700.21	-7,646.59	6,241.87	6,033.07	208.81	29.893		
17,300.00	7,794.00	18,641.00	8,007.56	340.60	278.09	97.66	700.21	-7,646.59	6,336.76	6,129.73	207.03	30.608		
17,400.00	7,794.00	18,641.00	8,007.56	343.24	278.09	97.66	700.21	-7,646.59	6,431.79	6,226.49	205.31	31.328		
17,500.00	7,794.00	18,641.00	8,007.56	345.88	278.09	97.66	700.21	-7,646.59	6,526.98	6,323.35	203.63	32.052		
17,600.00	7,794.00	18,641.00	8,007.56	348.52	278.09	97.66	700.21	-7,646.59	6,622.31	6,420.29	202.01	32.781		
17,700.00	7,794.00	18,641.00	8,007.56	351.16	278.09	97.66	700.21	-7,646.59	6,717.77	6,517.33	200.44	33.515		
17,800.00	7,794.00	18,641.00	8,007.56	353.81	278.09	97.66	700.21	-7,646.59	6,813.37	6,614.45	198.92	34.252		
17,900.00	7,794.00	18,641.00	8,007.56	356.45	278.09	97.66	700.21	-7,646.59	6,909.09	6,711.65	197.44	34.994		
18,000.00	7,794.00	18,641.00	8,007.56	359.09	278.09	97.66	700.21	-7,646.59	7,004.92	6,808.92	196.00	35.739		
18,100.00	7,794.00	18,641.00	8,007.56	361.74	278.09	97.66	700.21	-7,646.59	7,100.88	6,906.27	194.61	36.489		
18,200.00	7,794.00	18,641.00	8,007.56	364.39	278.09	97.66	700.21	-7,646.59	7,196.94	7,003.69	193.25	37.242		
18,300.00	7,794.00	18,641.00	8,007.56	367.03	278.09	97.66	700.21	-7,646.59	7,293.11	7,101.18	191.93	37.998		
18,400.00	7,794.00	18,641.00	8,007.56	369.68	278.09	97.66	700.21	-7,646.59	7,389.38	7,198.73	190.65	38.758		
18,500.00	7,794.00	18,641.00	8,007.56	372.33	278.09	97.66	700.21	-7,646.59	7,485.75	7,296.34	189.41	39.521		
18,600.00	7,794.00	18,641.00	8,007.56	374.98	278.09	97.66	700.21	-7,646.59	7,582.21	7,394.01	188.20	40.287		
18,700.00	7,794.00	18,641.00	8,007.56	377.63	278.09	97.66	700.21	-7,646.59	7,678.77	7,491.74	187.03	41.057		
18,800.00	7,794.00	18,641.00	8,007.56	380.28	278.09	97.66	700.21	-7,646.59	7,775.41	7,589.52	185.89	41.829		
18,900.00	7,794.00	18,641.00	8,007.56	382.93	278.09	97.66	700.21	-7,646.59	7,872.13	7,687.36	184.77	42.604		
19,000.00	7,794.00	18,641.00	8,007.56	385.58	278.09	97.66	700.21	-7,646.59	7,968.94	7,785.24	183.69	43.382		
19,100.00	7,794.00	18,641.00	8,007.56	388.24	278.09	97.66	700.21	-7,646.59	8,065.82	7,883.18	182.64	44.162		
19,200.00	7,794.00	18,641.00	8,007.56	390.89	278.09	97.66	700.21	-7,646.59	8,162.78	7,981.16	181.62	44.945		
19,300.00	7,794.00	18,641.00	8,007.56	393.55	278.09	97.66	700.21	-7,646.59	8,259.81	8,079.19	180.62	45.730		
19,400.00	7,794.00	18,641.00	8,007.56	396.20	278.09	97.66	700.21	-7,646.59	8,356.91	8,177.26	179.65	46.518		
19,500.00	7,794.00	18,641.00	8,007.56	398.85	278.09	97.66	700.21	-7,646.59	8,454.08	8,275.38	178.70	47.308		
19,600.00	7,794.00	18,641.00	8,007.56	401.51	278.09	97.66	700.21	-7,646.59	8,551.31	8,373.53	177.78	48.100		
19,700.00	7,794.00	18,641.00	8,007.56	404.17	278.09	97.66	700.21	-7,646.59	8,648.61	8,471.72	176.89	48.894		
19,800.00	7,794.00	18,641.00	8,007.56	406.82	278.09	97.66	700.21	-7,646.59	8,745.97	8,569.96	176.01	49.690		
19,900.00	7,794.00	18,641.00	8,007.56	409.48	278.09	97.66	700.21	-7,646.59	8,843.38	8,668.22	175.16	50.487		
20,000.00	7,794.00	18,641.00	8,007.56	412.14	278.09	97.66	700.21	-7,646.59	8,940.86	8,766.53	174.33	51.287		
20,100.00	7,794.00	18,641.00	8,007.56	414.80	278.09	97.66	700.21	-7,646.59	9,038.39	8,864.87	173.52	52.088		
20,200.00	7,794.00	18,641.00	8,007.56	417.46	278.09	97.66	700.21	-7,646.59	9,135.97	8,963.24	172.73	52.891		
20,300.00	7,794.00	18,641.00	8,007.56	420.12	278.09	97.66	700.21	-7,646.59	9,233.60	9,061.64	171.96	53.695		
20,400.00	7,794.00	18,641.00	8,007.56	422.78	278.09	97.66	700.21	-7,646.59	9,331.29	9,160.08	171.21	54.501		
20,500.00	7,794.00	18,641.00	8,007.56	425.44	278.09	97.66	700.21	-7,646.59	9,429.02	9,258.54	170.48	55.308		
20,600.00	7,794.00	18,641.00	8,007.56	428.10	278.09	97.66	700.21	-7,646.59	9,526.80	9,357.03	169.77	56.116		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
SEC 28-T3S-R65W - KING 3-65 28-29 1BH - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,700.00	7,794.00	18,641.00	8,007.56	430.76	278.09	97.66	700.21	-7,646.59	9,624.63	9,455.55	169.07	56.926	
20,800.00	7,794.00	18,641.00	8,007.56	433.42	278.09	97.66	700.21	-7,646.59	9,722.50	9,554.10	168.39	57.737	
20,900.00	7,794.00	18,641.00	8,007.56	436.08	278.09	97.66	700.21	-7,646.59	9,820.41	9,652.68	167.73	58.549	
21,000.00	7,794.00	18,641.00	8,007.56	438.74	278.09	97.66	700.21	-7,646.59	9,918.36	9,751.28	167.08	59.362	
21,100.00	7,794.00	18,641.00	8,007.56	441.41	278.09	97.66	700.21	-7,646.59	10,016.36	9,849.91	166.45	60.176	
21,200.00	7,794.00	18,641.00	8,007.56	444.07	278.09	97.66	700.21	-7,646.59	10,114.39	9,948.56	165.84	60.991	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2AH - OWB - FINAL SURVEY													Offset Site Error: 0.00 usft	
Survey Program: 209-MWD OWSG, 3387-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	55.48	55.48	0.27	0.09	131.08	-1,887.50	2,165.05	2,872.31	2,871.95	0.36	8,056.121		
200.00	200.00	168.70	168.70	0.63	0.27	131.08	-1,887.12	2,164.70	2,871.85	2,870.96	0.89	3,213.248		
300.00	300.00	268.24	268.23	0.99	0.54	131.08	-1,886.60	2,164.14	2,871.09	2,869.56	1.53	1,879.356		
400.00	400.00	365.04	365.03	1.34	0.89	131.08	-1,886.38	2,163.59	2,870.50	2,868.27	2.23	1,285.867		
500.00	500.00	455.99	455.98	1.70	1.21	131.09	-1,886.33	2,163.10	2,870.06	2,867.15	2.91	985.074		
509.10	509.10	464.01	464.00	1.73	1.24	-130.33	-1,886.34	2,163.06	2,870.05	2,867.08	2.97	965.138		
600.00	599.98	557.52	557.51	2.05	1.57	-130.34	-1,886.54	2,162.63	2,870.99	2,867.37	3.62	792.622		
700.00	699.84	660.10	660.09	2.40	1.94	-130.36	-1,886.82	2,161.91	2,874.02	2,869.69	4.33	663.130		
800.00	799.45	751.68	751.66	2.76	2.25	-130.40	-1,886.75	2,161.65	2,879.42	2,874.41	5.01	574.997		
900.00	898.70	968.92	968.48	3.13	3.01	-130.93	-1,875.94	2,166.33	2,886.41	2,880.29	6.12	471.462		
1,000.00	997.47	1,099.88	1,098.18	3.53	3.49	-131.48	-1,858.94	2,172.42	2,891.86	2,884.88	6.98	414.152		
1,100.00	1,095.62	1,223.05	1,219.52	3.95	3.97	-132.11	-1,839.24	2,179.92	2,899.13	2,891.27	7.86	368.961		
1,200.00	1,193.06	1,313.82	1,308.45	4.41	4.35	-132.61	-1,822.38	2,186.71	2,908.52	2,899.87	8.65	336.228		
1,300.00	1,289.64	1,422.65	1,414.70	4.91	4.83	-133.27	-1,800.68	2,195.90	2,920.63	2,911.07	9.56	305.533		
1,400.00	1,385.27	1,529.95	1,518.48	5.45	5.33	-134.00	-1,775.76	2,206.75	2,935.01	2,924.49	10.52	278.968		
1,500.00	1,479.82	1,611.59	1,597.06	6.04	5.73	-134.53	-1,755.52	2,215.80	2,952.35	2,940.94	11.41	258.725		
1,600.00	1,573.17	1,773.94	1,752.15	6.69	6.59	-135.92	-1,711.12	2,233.87	2,971.47	2,958.71	12.76	232.810		
1,700.00	1,665.21	1,875.54	1,847.97	7.39	7.17	-136.75	-1,679.62	2,246.07	2,992.99	2,979.12	13.87	215.770		
1,800.00	1,755.84	1,976.12	1,942.57	8.16	7.77	-137.57	-1,647.58	2,257.88	3,017.50	3,002.48	15.02	200.931		
1,900.00	1,844.94	2,087.33	2,047.01	9.00	8.44	-138.52	-1,611.43	2,270.19	3,044.89	3,028.63	16.26	187.293		
2,000.00	1,932.39	2,192.22	2,145.80	9.91	9.08	-139.36	-1,577.65	2,280.27	3,075.07	3,057.59	17.48	175.901		
2,100.00	2,018.11	2,227.89	2,179.54	10.89	9.29	-139.32	-1,566.55	2,283.60	3,109.03	3,090.70	18.33	169.641		
2,200.00	2,101.97	2,278.00	2,227.19	11.94	9.59	-139.40	-1,551.81	2,288.39	3,147.33	3,128.06	19.27	163.339		
2,300.00	2,183.88	2,343.73	2,290.02	13.08	9.97	-139.62	-1,533.49	2,294.45	3,189.45	3,169.15	20.30	157.130		
2,400.00	2,263.74	2,430.85	2,373.63	14.28	10.46	-140.07	-1,510.03	2,301.56	3,234.63	3,213.18	21.45	150.801		
2,500.00	2,341.45	2,466.00	2,407.41	15.57	10.66	-139.80	-1,500.71	2,304.20	3,283.08	3,260.75	22.33	147.043		
2,600.00	2,416.92	2,516.91	2,456.33	16.93	10.94	-139.69	-1,487.22	2,308.42	3,335.14	3,311.84	23.30	143.155		
2,700.00	2,490.05	2,560.00	2,497.63	18.37	11.19	-139.41	-1,475.73	2,312.72	3,391.16	3,366.93	24.23	139.984		
2,800.00	2,560.76	2,598.04	2,534.06	19.88	11.41	-139.00	-1,465.55	2,316.77	3,450.59	3,425.46	25.13	137.321		
2,900.00	2,628.95	2,671.76	2,604.67	21.48	11.83	-139.06	-1,445.77	2,324.32	3,512.88	3,486.65	26.23	133.945		
3,000.00	2,694.55	2,745.14	2,675.10	23.15	12.25	-139.06	-1,426.37	2,331.28	3,577.76	3,550.45	27.31	130.985		
3,100.00	2,757.48	2,805.55	2,733.25	24.89	12.59	-138.80	-1,410.91	2,336.53	3,645.21	3,616.90	28.32	128.735		
3,200.00	2,817.66	2,845.00	2,771.34	26.70	12.81	-138.13	-1,401.15	2,339.75	3,715.25	3,686.06	29.20	127.254		
3,300.00	2,875.03	2,877.65	2,802.86	28.58	12.99	-137.40	-1,393.08	2,342.52	3,787.97	3,757.94	30.03	126.135		
3,400.00	2,931.24	2,900.42	2,824.78	30.50	13.12	-137.79	-1,387.30	2,344.65	3,862.36	3,831.57	30.79	125.449		
3,500.00	2,987.46	2,940.00	2,862.77	32.43	13.34	-138.46	-1,377.00	2,348.74	3,937.71	3,906.09	31.61	124.559		
3,600.00	3,043.67	2,940.00	2,862.77	34.37	13.34	-138.46	-1,377.00	2,348.74	4,013.76	3,981.56	32.20	124.641		
3,700.00	3,099.88	2,978.00	2,899.18	36.32	13.56	-139.10	-1,366.95	2,352.96	4,090.61	4,057.63	32.98	124.029		
3,800.00	3,156.09	3,010.13	2,929.96	38.27	13.75	-139.63	-1,358.49	2,356.61	4,168.14	4,134.43	33.71	123.660		
3,900.00	3,212.31	3,046.29	2,964.61	40.23	13.95	-140.22	-1,349.01	2,360.78	4,246.28	4,211.85	34.43	123.320		
4,000.00	3,268.52	3,098.30	3,014.51	42.20	14.25	-141.06	-1,335.61	2,366.66	4,324.90	4,289.67	35.23	122.772		
4,100.00	3,324.73	3,152.13	3,066.30	44.17	14.55	-141.90	-1,322.13	2,372.51	4,403.87	4,367.86	36.01	122.296		
4,200.00	3,380.94	3,208.86	3,121.12	46.15	14.87	-142.75	-1,308.74	2,378.33	4,483.17	4,446.38	36.79	121.859		
4,300.00	3,437.16	12,667.00	7,890.90	48.12	125.59	174.69	60.42	-1,973.32	4,521.04	4,464.89	56.15	80.517		
4,400.00	3,493.37	12,762.00	7,892.71	50.11	128.08	174.43	59.00	-2,068.29	4,467.51	4,409.96	57.54	77.641		
4,500.00	3,549.58	12,821.14	7,893.91	52.09	129.62	174.27	57.43	-2,127.40	4,414.12	4,355.36	58.76	75.117		
4,600.00	3,605.79	12,982.64	7,896.93	54.08	133.84	173.85	50.98	-2,288.73	4,360.54	4,300.06	60.48	72.094		
4,700.00	3,662.01	13,046.00	7,897.80	56.07	135.49	173.68	48.79	-2,352.05	4,306.53	4,244.77	61.76	69.733		
4,800.00	3,718.22	13,128.92	7,899.15	58.06	137.66	173.45	45.65	-2,434.89	4,252.80	4,189.66	63.14	67.355		
4,900.00	3,774.43	13,190.86	7,900.04	60.05	139.29	173.28	43.53	-2,496.79	4,199.03	4,134.58	64.45	65.149		
5,000.00	3,830.65	13,280.05	7,901.44	62.04	141.64	172.95	44.43	-2,585.95	4,145.80	4,079.84	65.96	62.856		
5,100.00	3,886.86	13,360.41	7,902.18	64.04	143.76	172.67	44.34	-2,666.31	4,092.02	4,024.58	67.44	60.678		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3387-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	13,424.00	7,903.53	66.03	145.45	172.43	44.75	-2,729.89	4,039.25	3,970.37	68.88	58.646		
5,300.00	3,999.28	13,476.88	7,904.95	68.03	146.85	172.23	45.39	-2,782.74	3,987.01	3,916.71	70.30	56.715		
5,400.00	4,055.50	13,614.00	7,906.79	70.03	150.49	171.68	47.24	-2,919.83	3,933.78	3,861.60	72.18	54.500		
5,500.00	4,111.71	13,672.82	7,907.19	72.03	152.05	171.42	48.47	-2,978.64	3,880.51	3,806.79	73.72	52.636		
5,600.00	4,167.92	13,720.79	7,908.24	74.03	153.33	171.22	49.33	-3,026.59	3,828.38	3,753.13	75.25	50.875		
5,700.00	4,224.13	13,898.72	7,910.94	76.03	158.05	170.46	50.64	-3,204.49	3,775.89	3,698.46	77.43	48.766		
5,800.00	4,280.35	13,930.64	7,911.20	78.03	158.90	170.32	50.69	-3,236.41	3,722.74	3,643.77	78.97	47.144		
5,900.00	4,336.56	13,962.79	7,911.88	80.04	159.75	170.18	50.97	-3,268.55	3,670.83	3,590.28	80.55	45.570		
6,000.00	4,392.77	14,000.64	7,913.19	82.04	160.76	170.00	51.60	-3,306.37	3,620.19	3,537.97	82.22	44.030		
6,100.00	4,448.98	14,154.36	7,917.74	84.04	164.85	169.27	54.04	-3,460.00	3,569.34	3,484.81	84.53	42.226		
6,200.00	4,505.20	14,271.83	7,919.40	86.05	167.98	168.68	55.81	-3,577.45	3,517.32	3,430.60	86.72	40.560		
6,300.00	4,561.41	14,399.95	7,918.99	88.05	171.40	167.98	58.79	-3,705.52	3,463.99	3,374.92	89.07	38.891		
6,400.00	4,617.62	14,465.00	7,919.28	90.06	173.13	167.63	59.77	-3,770.57	3,411.43	3,320.28	91.15	37.426		
6,500.00	4,673.83	14,493.81	7,919.73	92.07	173.90	167.47	60.09	-3,799.37	3,359.67	3,266.55	93.12	36.079		
6,600.00	4,730.05	14,559.00	7,921.18	94.07	175.64	167.11	61.15	-3,864.54	3,308.95	3,213.60	95.35	34.705		
6,700.00	4,786.26	14,650.83	7,923.29	96.08	178.09	166.58	62.85	-3,956.32	3,258.57	3,160.77	97.80	33.317		
6,800.00	4,842.47	14,778.44	7,924.18	98.09	181.49	165.83	64.22	-4,083.92	3,206.65	3,106.13	100.52	31.901		
6,900.00	4,898.68	14,843.00	7,925.33	100.09	183.21	165.45	64.60	-4,148.47	3,155.86	3,052.86	102.99	30.642		
7,000.00	4,954.90	14,901.69	7,926.76	102.10	184.77	165.09	64.98	-4,207.14	3,105.75	3,000.23	105.53	29.431		
7,100.00	5,011.11	15,012.73	7,928.45	104.11	187.74	164.39	65.75	-4,318.16	3,055.28	2,946.84	108.44	28.175		
7,200.00	5,067.32	15,126.90	7,928.79	106.12	190.78	163.64	66.13	-4,432.33	3,003.88	2,892.40	111.48	26.946		
7,300.00	5,123.53	15,189.91	7,928.79	108.13	192.46	163.21	66.26	-4,495.34	2,952.63	2,838.25	114.38	25.815		
7,400.00	5,179.75	15,279.54	7,929.72	110.14	194.85	162.58	66.72	-4,584.96	2,902.46	2,784.92	117.54	24.693		
7,500.00	5,235.96	15,351.79	7,929.72	112.15	196.78	162.05	67.60	-4,657.21	2,851.88	2,731.10	120.79	23.610		
7,600.00	5,292.17	15,411.00	7,930.75	114.16	198.36	161.61	67.80	-4,716.41	2,802.61	2,678.56	124.04	22.594		
7,700.00	5,348.38	15,491.15	7,932.65	116.17	200.50	161.02	67.64	-4,796.53	2,754.06	2,626.54	127.52	21.597		
7,800.00	5,404.60	15,600.00	7,933.42	118.18	203.41	160.17	67.78	-4,905.38	2,704.40	2,573.03	131.36	20.587		
7,900.00	5,460.81	15,666.27	7,933.44	120.19	205.18	159.62	68.66	-4,971.64	2,655.10	2,519.91	135.19	19.640		
8,000.00	5,517.02	15,732.29	7,934.30	122.20	206.95	159.03	70.45	-5,037.63	2,607.34	2,468.11	139.23	18.727		
8,100.00	5,573.24	15,812.92	7,934.94	124.21	209.11	158.28	73.30	-5,118.21	2,559.84	2,416.19	143.65	17.820		
8,200.00	5,629.45	15,867.16	7,936.07	126.22	210.56	157.78	74.58	-5,172.41	2,513.42	2,365.49	147.93	16.990		
8,300.00	5,685.66	15,956.18	7,938.92	128.23	212.95	156.98	75.59	-5,261.39	2,467.93	2,315.33	152.61	16.172		
8,400.00	5,741.87	16,071.70	7,941.13	130.24	216.03	155.89	76.28	-5,376.88	2,421.53	2,263.83	157.70	15.355		
8,500.00	5,798.09	16,141.66	7,942.33	132.25	217.90	155.22	76.03	-5,446.82	2,375.32	2,212.71	162.61	14.608		
8,600.00	5,854.30	16,218.13	7,944.81	134.26	219.94	154.48	75.49	-5,523.25	2,330.50	2,162.79	167.71	13.896		
8,700.00	5,910.51	16,337.10	7,947.82	136.28	223.12	153.29	74.24	-5,642.18	2,285.51	2,112.19	173.33	13.186		
8,800.00	5,966.72	16,473.73	7,947.33	138.29	226.77	151.78	73.58	-5,778.80	2,238.82	2,059.28	179.54	12.470		
8,900.00	6,022.94	16,545.00	7,947.18	140.30	228.67	150.98	72.33	-5,850.06	2,192.46	2,007.03	185.43	11.824		
9,000.00	6,079.15	16,607.22	7,947.57	142.31	230.33	150.27	71.16	-5,912.27	2,147.17	1,955.68	191.48	11.213		
9,100.00	6,135.36	16,681.05	7,947.92	144.32	232.30	149.38	70.63	-5,986.09	2,102.84	1,904.85	197.99	10.621		
9,200.00	6,191.57	16,790.05	7,947.72	146.34	235.22	147.97	71.14	-6,095.09	2,059.23	1,853.95	205.28	10.031		
9,300.00	6,247.79	16,870.64	7,946.43	148.35	237.37	146.89	70.90	-6,175.66	2,014.91	1,802.29	212.62	9.476		
9,400.00	6,304.00	16,926.90	7,946.50	150.36	238.88	146.13	70.45	-6,231.92	1,972.32	1,752.41	219.91	8.969		
9,500.00	6,360.21	17,013.58	7,947.28	152.37	241.19	144.95	69.41	-6,318.60	1,930.89	1,703.15	227.73	8.479		
9,600.00	6,416.42	17,134.86	7,946.78	154.39	244.43	143.22	66.78	-6,439.85	1,888.70	1,652.51	236.19	7.996		
9,700.00	6,472.64	17,187.97	7,946.83	156.40	245.85	142.44	65.45	-6,492.94	1,847.74	1,603.39	244.35	7.562		
9,800.00	6,528.85	17,260.62	7,947.83	158.41	247.78	141.36	63.89	-6,565.56	1,808.65	1,555.71	252.94	7.150		
9,900.00	6,585.06	17,384.25	7,948.29	160.42	251.08	139.41	61.48	-6,689.16	1,770.12	1,507.63	262.48	6.744		
10,000.00	6,641.27	17,439.17	7,947.61	162.44	252.55	138.49	60.56	-6,744.07	1,731.60	1,459.79	271.80	6.371		
10,100.00	6,697.49	17,490.00	7,947.41	164.45	253.91	137.60	60.94	-6,794.89	1,695.86	1,414.43	281.43	6.026		
10,200.00	6,753.70	17,544.50	7,947.89	166.46	255.38	136.62	62.00	-6,849.38	1,662.80	1,371.46	291.34	5.707		
10,300.00	6,809.91	17,611.31	7,949.61	168.48	257.17	135.42	63.25	-6,916.15	1,632.10	1,330.49	301.62	5.411		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3387-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	17,694.58	7,952.42	170.49	259.41	133.91	64.67	-6,999.37	1,603.16	1,290.73	312.43	5.131		
10,500.00	6,922.34	17,803.51	7,955.36	172.50	262.33	131.87	65.75	-7,108.25	1,574.79	1,250.72	324.07	4.859		
10,600.00	6,978.55	17,891.57	7,955.95	174.52	264.69	130.12	66.88	-7,196.30	1,546.96	1,211.22	335.73	4.608		
10,700.00	7,034.76	17,964.00	7,956.87	176.53	266.64	128.65	68.00	-7,268.72	1,521.24	1,174.08	347.16	4.382		
10,800.00	7,090.98	18,043.09	7,958.27	178.54	268.76	127.02	69.33	-7,347.78	1,497.59	1,138.76	358.83	4.174		
10,900.00	7,147.19	18,151.23	7,959.03	180.56	271.67	124.70	70.81	-7,455.91	1,475.05	1,103.59	371.46	3.971		
11,000.00	7,203.40	18,268.86	7,956.80	182.57	274.82	122.06	71.00	-7,573.51	1,452.29	1,067.77	384.52	3.777		
11,100.00	7,259.61	18,345.00	7,954.49	184.58	276.86	120.28	70.79	-7,649.61	1,430.94	1,034.34	396.60	3.608		
11,200.00	7,315.83	18,345.00	7,954.49	186.60	276.86	120.28	70.79	-7,649.61	1,414.30	1,008.38	405.93	3.484		
11,300.00	7,372.04	18,345.00	7,954.49	188.61	276.86	120.28	70.79	-7,649.61	1,404.60	991.09	413.51	3.397		
11,386.72	7,420.79	18,345.00	7,954.49	190.36	276.86	120.28	70.79	-7,649.61	1,401.92	983.39	418.53	3.350 CC		
11,400.00	7,428.25	18,345.00	7,954.49	190.63	276.86	120.28	70.79	-7,649.61	1,401.99	982.82	419.17	3.345 ES		
11,500.00	7,484.46	18,345.00	7,954.49	192.64	276.86	120.28	70.79	-7,649.61	1,406.49	983.70	422.79	3.327 SF		
11,600.00	7,540.68	18,345.00	7,954.49	194.65	276.86	120.28	70.79	-7,649.61	1,418.05	993.71	424.35	3.342		
11,700.00	7,596.89	18,345.00	7,954.49	196.67	276.86	120.28	70.79	-7,649.61	1,436.50	1,012.58	423.92	3.389		
11,800.00	7,653.10	18,345.00	7,954.49	198.68	276.86	120.28	70.79	-7,649.61	1,461.57	1,039.90	421.67	3.466		
11,900.00	7,708.64	18,345.00	7,954.49	200.71	276.86	118.70	70.79	-7,649.61	1,493.13	1,075.41	417.72	3.574		
12,000.00	7,753.02	18,345.00	7,954.49	202.96	276.86	113.19	70.79	-7,649.61	1,533.38	1,122.18	411.19	3.729		
12,100.00	7,781.64	18,345.00	7,954.49	205.41	276.86	107.06	70.79	-7,649.61	1,581.50	1,179.18	402.32	3.931		
12,200.00	7,793.64	18,345.00	7,954.49	207.95	276.86	100.40	70.79	-7,649.61	1,635.41	1,243.60	391.80	4.174		
12,300.00	7,794.00	18,345.00	7,954.49	210.49	276.86	98.98	70.79	-7,649.61	1,693.40	1,312.91	380.49	4.451		
12,400.00	7,794.00	18,345.00	7,954.49	213.04	276.86	98.98	70.79	-7,649.61	1,755.17	1,385.99	369.18	4.754		
12,500.00	7,794.00	18,345.00	7,954.49	215.58	276.86	98.98	70.79	-7,649.61	1,820.34	1,462.30	358.04	5.084		
12,600.00	7,794.00	18,345.00	7,954.49	218.14	276.86	98.98	70.79	-7,649.61	1,888.55	1,541.39	347.16	5.440		
12,700.00	7,794.00	18,345.00	7,954.49	220.69	276.86	98.98	70.79	-7,649.61	1,959.50	1,622.86	336.64	5.821		
12,800.00	7,794.00	18,345.00	7,954.49	223.25	276.86	98.98	70.79	-7,649.61	2,032.89	1,706.38	326.51	6.226		
12,900.00	7,794.00	18,345.00	7,954.49	225.81	276.86	98.98	70.79	-7,649.61	2,108.47	1,791.65	316.82	6.655		
13,000.00	7,794.00	18,345.00	7,954.49	228.37	276.86	98.98	70.79	-7,649.61	2,186.01	1,878.45	307.56	7.107		
13,100.00	7,794.00	18,345.00	7,954.49	230.94	276.86	98.98	70.79	-7,649.61	2,265.32	1,966.55	298.76	7.582		
13,200.00	7,794.00	18,345.00	7,954.49	233.51	276.86	98.98	70.79	-7,649.61	2,346.20	2,055.79	290.41	8.079		
13,300.00	7,794.00	18,345.00	7,954.49	236.08	276.86	98.98	70.79	-7,649.61	2,428.51	2,146.03	282.49	8.597		
13,400.00	7,794.00	18,345.00	7,954.49	238.66	276.86	98.98	70.79	-7,649.61	2,512.10	2,237.12	274.98	9.135		
13,500.00	7,794.00	18,345.00	7,954.49	241.24	276.86	98.98	70.79	-7,649.61	2,596.86	2,328.97	267.89	9.694		
13,600.00	7,794.00	18,345.00	7,954.49	243.82	276.86	98.98	70.79	-7,649.61	2,682.66	2,421.49	261.17	10.272		
13,700.00	7,794.00	18,345.00	7,954.49	246.40	276.86	98.98	70.79	-7,649.61	2,769.42	2,514.60	254.82	10.868		
13,800.00	7,794.00	18,345.00	7,954.49	248.99	276.86	98.98	70.79	-7,649.61	2,857.04	2,608.23	248.81	11.483		
13,900.00	7,794.00	18,345.00	7,954.49	251.58	276.86	98.98	70.79	-7,649.61	2,945.45	2,702.32	243.13	12.115		
14,000.00	7,794.00	18,345.00	7,954.49	254.17	276.86	98.98	70.79	-7,649.61	3,034.58	2,796.83	237.75	12.764		
14,100.00	7,794.00	18,345.00	7,954.49	256.76	276.86	98.98	70.79	-7,649.61	3,124.37	2,891.71	232.67	13.429		
14,200.00	7,794.00	18,345.00	7,954.49	259.36	276.86	98.98	70.79	-7,649.61	3,214.77	2,986.92	227.85	14.109		
14,300.00	7,794.00	18,345.00	7,954.49	261.95	276.86	98.98	70.79	-7,649.61	3,305.71	3,082.43	223.28	14.805		
14,400.00	7,794.00	18,345.00	7,954.49	264.55	276.86	98.98	70.79	-7,649.61	3,397.16	3,178.22	218.95	15.516		
14,500.00	7,794.00	18,345.00	7,954.49	267.15	276.86	98.98	70.79	-7,649.61	3,489.09	3,274.25	214.84	16.240		
14,600.00	7,794.00	18,345.00	7,954.49	269.76	276.86	98.98	70.79	-7,649.61	3,581.44	3,370.50	210.94	16.978		
14,700.00	7,794.00	18,345.00	7,954.49	272.36	276.86	98.98	70.79	-7,649.61	3,674.20	3,466.96	207.24	17.729		
14,800.00	7,794.00	18,345.00	7,954.49	274.97	276.86	98.98	70.79	-7,649.61	3,767.33	3,563.60	203.72	18.492		
14,900.00	7,794.00	18,345.00	7,954.49	277.58	276.86	98.98	70.79	-7,649.61	3,860.80	3,660.42	200.38	19.268		
15,000.00	7,794.00	18,345.00	7,954.49	280.19	276.86	98.98	70.79	-7,649.61	3,954.59	3,757.40	197.19	20.055		
15,100.00	7,794.00	18,345.00	7,954.49	282.80	276.86	98.98	70.79	-7,649.61	4,048.67	3,854.52	194.16	20.852		
15,200.00	7,794.00	18,345.00	7,954.49	285.41	276.86	98.98	70.79	-7,649.61	4,143.04	3,951.77	191.27	21.661		
15,300.00	7,794.00	18,345.00	7,954.49	288.03	276.86	98.98	70.79	-7,649.61	4,237.66	4,049.15	188.51	22.479		
15,400.00	7,794.00	18,345.00	7,954.49	290.64	276.86	98.98	70.79	-7,649.61	4,332.53	4,146.64	185.88	23.308		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													SEC 28-T3S-R65W - KING 3-65 28-29 2AH - OWB - FINAL SURVEY		Offset Site Error: 0.00 usft	
Survey Program:		209-MWD OWSG, 3387-MWD OWSG											Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,794.00	18,345.00	7,954.49	293.26	276.86	98.98	70.79	-7,649.61	4,427.62	4,244.24	183.37	24.145				
15,600.00	7,794.00	18,345.00	7,954.49	295.88	276.86	98.98	70.79	-7,649.61	4,522.92	4,341.94	180.98	24.992				
15,700.00	7,794.00	18,345.00	7,954.49	298.50	276.86	98.98	70.79	-7,649.61	4,618.42	4,439.73	178.69	25.847				
15,800.00	7,794.00	18,345.00	7,954.49	301.12	276.86	98.98	70.79	-7,649.61	4,714.11	4,537.61	176.50	26.710				
15,900.00	7,794.00	18,345.00	7,954.49	303.75	276.86	98.98	70.79	-7,649.61	4,809.97	4,635.57	174.40	27.580				
16,000.00	7,794.00	18,345.00	7,954.49	306.37	276.86	98.98	70.79	-7,649.61	4,906.00	4,733.61	172.39	28.459				
16,100.00	7,794.00	18,345.00	7,954.49	309.00	276.86	98.98	70.79	-7,649.61	5,002.18	4,831.71	170.47	29.344				
16,200.00	7,794.00	18,345.00	7,954.49	311.62	276.86	98.98	70.79	-7,649.61	5,098.51	4,929.89	168.63	30.236				
16,300.00	7,794.00	18,345.00	7,954.49	314.25	276.86	98.98	70.79	-7,649.61	5,194.98	5,028.12	166.86	31.134				
16,400.00	7,794.00	18,345.00	7,954.49	316.88	276.86	98.98	70.79	-7,649.61	5,291.58	5,126.42	165.16	32.039				
16,500.00	7,794.00	18,345.00	7,954.49	319.51	276.86	98.98	70.79	-7,649.61	5,388.31	5,224.77	163.54	32.949				
16,600.00	7,794.00	18,345.00	7,954.49	322.15	276.86	98.98	70.79	-7,649.61	5,485.15	5,323.18	161.97	33.865				
16,700.00	7,794.00	18,345.00	7,954.49	324.78	276.86	98.98	70.79	-7,649.61	5,582.10	5,421.63	160.47	34.786				
16,800.00	7,794.00	18,345.00	7,954.49	327.41	276.86	98.98	70.79	-7,649.61	5,679.16	5,520.13	159.03	35.712				
16,900.00	7,794.00	18,345.00	7,954.49	330.05	276.86	98.98	70.79	-7,649.61	5,776.32	5,618.68	157.64	36.643				
17,000.00	7,794.00	18,345.00	7,954.49	332.68	276.86	98.98	70.79	-7,649.61	5,873.57	5,717.27	156.30	37.578				
17,100.00	7,794.00	18,345.00	7,954.49	335.32	276.86	98.98	70.79	-7,649.61	5,970.92	5,815.90	155.02	38.517				
17,200.00	7,794.00	18,345.00	7,954.49	337.96	276.86	98.98	70.79	-7,649.61	6,068.35	5,914.57	153.78	39.461				
17,300.00	7,794.00	18,345.00	7,954.49	340.60	276.86	98.98	70.79	-7,649.61	6,165.87	6,013.27	152.59	40.408				
17,400.00	7,794.00	18,345.00	7,954.49	343.24	276.86	98.98	70.79	-7,649.61	6,263.46	6,112.01	151.44	41.359				
17,500.00	7,794.00	18,345.00	7,954.49	345.88	276.86	98.98	70.79	-7,649.61	6,361.12	6,210.79	150.34	42.313				
17,600.00	7,794.00	18,345.00	7,954.49	348.52	276.86	98.98	70.79	-7,649.61	6,458.86	6,309.59	149.27	43.270				
17,700.00	7,794.00	18,345.00	7,954.49	351.16	276.86	98.98	70.79	-7,649.61	6,556.67	6,408.43	148.24	44.230				
17,800.00	7,794.00	18,345.00	7,954.49	353.81	276.86	98.98	70.79	-7,649.61	6,654.54	6,507.29	147.25	45.193				
17,900.00	7,794.00	18,345.00	7,954.49	356.45	276.86	98.98	70.79	-7,649.61	6,752.48	6,606.19	146.29	46.159				
18,000.00	7,794.00	18,345.00	7,954.49	359.09	276.86	98.98	70.79	-7,649.61	6,850.47	6,705.11	145.36	47.127				
18,100.00	7,794.00	18,345.00	7,954.49	361.74	276.86	98.98	70.79	-7,649.61	6,948.52	6,804.05	144.47	48.097				
18,200.00	7,794.00	18,345.00	7,954.49	364.39	276.86	98.98	70.79	-7,649.61	7,046.63	6,903.02	143.61	49.069				
18,300.00	7,794.00	18,345.00	7,954.49	367.03	276.86	98.98	70.79	-7,649.61	7,144.78	7,002.01	142.77	50.043				
18,400.00	7,794.00	18,345.00	7,954.49	369.68	276.86	98.98	70.79	-7,649.61	7,242.99	7,101.03	141.97	51.019				
18,500.00	7,794.00	18,345.00	7,954.49	372.33	276.86	98.98	70.79	-7,649.61	7,341.25	7,200.06	141.19	51.997				
18,600.00	7,794.00	18,345.00	7,954.49	374.98	276.86	98.98	70.79	-7,649.61	7,439.55	7,299.12	140.43	52.976				
18,700.00	7,794.00	18,345.00	7,954.49	377.63	276.86	98.98	70.79	-7,649.61	7,537.90	7,398.20	139.70	53.956				
18,800.00	7,794.00	18,345.00	7,954.49	380.28	276.86	98.98	70.79	-7,649.61	7,636.29	7,497.30	139.00	54.938				
18,900.00	7,794.00	18,345.00	7,954.49	382.93	276.86	98.98	70.79	-7,649.61	7,734.73	7,596.41	138.32	55.921				
19,000.00	7,794.00	18,345.00	7,954.49	385.58	276.86	98.98	70.79	-7,649.61	7,833.20	7,695.54	137.65	56.905				
19,100.00	7,794.00	18,345.00	7,954.49	388.24	276.86	98.98	70.79	-7,649.61	7,931.71	7,794.69	137.01	57.889				
19,200.00	7,794.00	18,345.00	7,954.49	390.89	276.86	98.98	70.79	-7,649.61	8,030.26	7,893.86	136.40	58.875				
19,300.00	7,794.00	18,345.00	7,954.49	393.55	276.86	98.98	70.79	-7,649.61	8,128.84	7,993.04	135.80	59.861				
19,400.00	7,794.00	18,345.00	7,954.49	396.20	276.86	98.98	70.79	-7,649.61	8,227.45	8,092.24	135.21	60.847				
19,500.00	7,794.00	18,345.00	7,954.49	398.85	276.86	98.98	70.79	-7,649.61	8,326.10	8,191.45	134.65	61.834				
19,600.00	7,794.00	18,345.00	7,954.49	401.51	276.86	98.98	70.79	-7,649.61	8,424.79	8,290.68	134.11	62.822				
19,700.00	7,794.00	18,345.00	7,954.49	404.17	276.86	98.98	70.79	-7,649.61	8,523.50	8,389.92	133.58	63.810				
19,800.00	7,794.00	18,345.00	7,954.49	406.82	276.86	98.98	70.79	-7,649.61	8,622.24	8,489.18	133.06	64.797				
19,900.00	7,794.00	18,345.00	7,954.49	409.48	276.86	98.98	70.79	-7,649.61	8,721.01	8,588.44	132.57	65.785				
20,000.00	7,794.00	18,345.00	7,954.49	412.14	276.86	98.98	70.79	-7,649.61	8,819.81	8,687.72	132.09	66.773				
20,100.00	7,794.00	18,345.00	7,954.49	414.80	276.86	98.98	70.79	-7,649.61	8,918.64	8,787.02	131.62	67.761				
20,200.00	7,794.00	18,345.00	7,954.49	417.46	276.86	98.98	70.79	-7,649.61	9,017.49	8,886.32	131.17	68.749				
20,300.00	7,794.00	18,345.00	7,954.49	420.12	276.86	98.98	70.79	-7,649.61	9,116.36	8,985.64	130.73	69.736				
20,400.00	7,794.00	18,345.00	7,954.49	422.78	276.86	98.98	70.79	-7,649.61	9,215.26	9,084.96	130.30	70.723				
20,500.00	7,794.00	18,345.00	7,954.49	425.44	276.86	98.98	70.79	-7,649.61	9,314.19	9,184.30	129.89	71.710				
20,600.00	7,794.00	18,345.00	7,954.49	428.10	276.86	98.98	70.79	-7,649.61	9,413.13	9,283.65	129.49	72.696				

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2AH - OWB - FINAL SURVEY												Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3387-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,700.00	7,794.00	18,345.00	7,954.49	430.76	276.86	98.98	70.79	-7,649.61	9,512.10	9,383.01	129.10	73.682	
20,800.00	7,794.00	18,345.00	7,954.49	433.42	276.86	98.98	70.79	-7,649.61	9,611.09	9,482.37	128.72	74.667	
20,900.00	7,794.00	18,345.00	7,954.49	436.08	276.86	98.98	70.79	-7,649.61	9,710.10	9,581.75	128.35	75.652	
21,000.00	7,794.00	18,345.00	7,954.49	438.74	276.86	98.98	70.79	-7,649.61	9,809.13	9,681.14	128.00	76.636	
21,100.00	7,794.00	18,345.00	7,954.49	441.41	276.86	98.98	70.79	-7,649.61	9,908.18	9,780.53	127.65	77.619	
21,200.00	7,794.00	18,345.00	7,954.49	444.07	276.86	98.98	70.79	-7,649.61	10,007.25	9,879.94	127.32	78.601	
21,300.00	7,794.00	18,345.00	7,954.49	446.74	276.86	98.98	70.79	-7,649.61	10,106.34	9,979.35	126.99	79.583	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3386-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	50.89	50.89	0.27	0.08	131.38	-1,907.63	2,165.03	2,885.55	2,885.20	0.35	8,257.711		
200.00	200.00	154.75	154.75	0.63	0.25	131.40	-1,908.03	2,164.49	2,885.42	2,884.54	0.87	3,307.682		
300.00	300.00	261.51	261.50	0.99	0.52	131.42	-1,908.80	2,163.40	2,885.13	2,883.62	1.51	1,916.544		
400.00	400.00	369.18	369.16	1.34	0.91	131.45	-1,909.48	2,161.96	2,884.55	2,882.30	2.25	1,281.485		
500.00	500.00	472.93	472.90	1.70	1.28	131.48	-1,910.01	2,160.43	2,883.77	2,880.79	2.98	966.963		
537.00	537.00	509.98	509.94	1.83	1.41	-129.94	-1,910.28	2,159.77	2,883.62	2,880.37	3.24	888.638		
600.00	599.98	572.64	572.58	2.05	1.64	-129.93	-1,910.88	2,158.56	2,884.07	2,880.38	3.69	781.443		
700.00	699.84	649.24	649.18	2.40	1.90	-129.94	-1,910.89	2,158.11	2,887.01	2,882.71	4.30	671.402		
800.00	799.45	736.02	735.93	2.76	2.19	-130.01	-1,909.48	2,159.66	2,892.88	2,887.93	4.95	584.981		
900.00	898.70	883.32	883.14	3.13	2.69	-130.27	-1,905.08	2,162.56	2,900.25	2,894.44	5.81	499.127		
1,000.00	997.47	961.16	960.89	3.53	2.96	-130.38	-1,901.91	2,164.48	2,909.63	2,903.17	6.46	450.255		
1,100.00	1,095.62	1,066.20	1,065.68	3.95	3.33	-130.64	-1,896.14	2,168.55	2,921.54	2,914.31	7.23	404.087		
1,200.00	1,193.06	1,163.91	1,163.09	4.41	3.68	-130.90	-1,889.75	2,172.93	2,935.67	2,927.68	8.00	367.047		
1,300.00	1,289.64	1,257.21	1,256.08	4.91	4.02	-131.14	-1,883.64	2,177.31	2,952.44	2,943.66	8.78	336.369		
1,400.00	1,385.27	1,398.69	1,396.87	5.45	4.54	-131.73	-1,871.80	2,184.53	2,971.00	2,961.23	9.77	304.193		
1,500.00	1,479.82	1,507.48	1,504.57	6.04	4.96	-132.23	-1,858.37	2,191.73	2,990.97	2,980.30	10.68	280.071		
1,600.00	1,573.17	1,599.04	1,594.33	6.69	5.33	-132.69	-1,842.83	2,200.80	3,013.56	3,001.99	11.58	260.345		
1,700.00	1,665.21	1,668.61	1,662.18	7.39	5.63	-132.97	-1,829.68	2,208.82	3,039.25	3,026.83	12.42	244.701		
1,800.00	1,755.84	1,739.91	1,731.73	8.16	5.95	-133.23	-1,816.49	2,217.33	3,068.44	3,055.13	13.31	230.590		
1,900.00	1,844.94	1,818.33	1,807.98	9.00	6.30	-133.57	-1,801.15	2,227.36	3,100.79	3,086.53	14.26	217.457		
2,000.00	1,932.39	1,883.56	1,871.24	9.91	6.61	-133.75	-1,787.93	2,236.20	3,136.46	3,121.28	15.19	206.549		
2,100.00	2,018.11	1,960.36	1,945.61	10.89	6.97	-134.03	-1,772.07	2,246.99	3,175.46	3,159.26	16.20	196.071		
2,200.00	2,101.97	2,049.10	2,031.54	11.94	7.40	-134.44	-1,753.62	2,259.23	3,217.41	3,200.12	17.29	186.118		
2,300.00	2,183.88	2,194.36	2,172.79	13.08	8.10	-135.48	-1,724.43	2,276.43	3,261.67	3,243.00	18.67	174.685		
2,400.00	2,263.74	2,312.98	2,288.39	14.28	8.67	-136.19	-1,700.35	2,287.66	3,307.37	3,287.43	19.94	165.887		
2,500.00	2,341.45	2,387.16	2,361.08	15.57	9.02	-136.30	-1,686.67	2,293.26	3,355.69	3,334.69	21.00	159.785		
2,600.00	2,416.92	2,439.89	2,412.73	16.93	9.26	-136.12	-1,676.89	2,297.40	3,407.19	3,385.21	21.98	155.041		
2,700.00	2,490.05	2,500.72	2,472.15	18.37	9.55	-136.00	-1,665.04	2,302.71	3,461.89	3,438.89	23.00	150.515		
2,800.00	2,560.76	2,569.74	2,539.39	19.88	9.89	-135.96	-1,650.77	2,309.00	3,519.43	3,495.36	24.07	146.206		
2,900.00	2,628.95	2,635.36	2,603.25	21.48	10.21	-135.83	-1,636.90	2,314.97	3,579.73	3,554.60	25.13	142.436		
3,000.00	2,694.55	2,743.70	2,708.83	23.15	10.74	-136.26	-1,614.28	2,323.80	3,642.49	3,616.10	26.39	138.007		
3,100.00	2,757.48	2,795.56	2,759.50	24.89	10.99	-135.82	-1,603.82	2,327.38	3,707.46	3,680.09	27.38	135.417		
3,200.00	2,817.66	2,845.00	2,807.87	26.70	11.22	-135.27	-1,594.17	2,330.74	3,775.16	3,746.81	28.35	133.180		
3,300.00	2,875.03	2,885.04	2,847.02	28.58	11.42	-134.65	-1,586.27	2,333.55	3,845.43	3,816.17	29.27	131.398		
3,400.00	2,931.24	2,926.44	2,887.40	30.50	11.62	-135.30	-1,577.66	2,336.68	3,917.18	3,887.01	30.17	129.847		
3,500.00	2,987.46	2,990.06	2,949.32	32.43	11.93	-136.30	-1,563.93	2,341.61	3,989.58	3,958.43	31.16	128.056		
3,600.00	3,043.67	3,058.59	3,016.09	34.37	12.27	-137.35	-1,549.23	2,346.43	4,062.34	4,030.19	32.14	126.381		
3,700.00	3,099.88	3,116.75	3,072.87	36.32	12.56	-138.22	-1,537.24	2,350.14	4,135.55	4,102.48	33.06	125.089		
3,800.00	3,156.09	3,202.60	3,157.07	38.27	12.95	-139.43	-1,521.15	2,354.59	4,209.07	4,174.99	34.08	123.512		
3,900.00	3,212.31	3,265.58	3,219.21	40.23	13.16	-140.26	-1,511.12	2,356.82	4,282.73	4,247.83	34.90	122.718		
4,000.00	3,268.52	3,320.49	3,273.57	42.20	13.30	-140.95	-1,503.52	2,358.35	4,356.79	4,321.15	35.65	122.226		
4,100.00	3,324.73	3,377.44	3,330.10	44.17	13.45	-141.64	-1,496.76	2,359.55	4,431.21	4,394.83	36.39	121.774		
4,200.00	3,380.94	3,410.00	3,362.45	46.15	13.50	-142.02	-1,493.13	2,360.21	4,506.08	4,469.07	37.01	121.757		
4,300.00	3,437.16	3,437.00	3,389.22	48.12	13.54	-142.34	-1,489.67	2,361.03	4,581.58	4,544.00	37.59	121.896		
4,400.00	3,493.37	12,906.90	7,963.58	50.11	132.45	-176.84	-538.38	-2,204.65	4,526.65	4,469.14	57.51	78.712		
4,500.00	3,549.58	12,950.00	7,963.15	52.09	133.60	-176.94	-537.33	-2,247.74	4,469.13	4,410.74	58.39	76.533		
4,600.00	3,605.79	13,010.37	7,962.95	54.08	135.20	-177.07	-535.83	-2,308.09	4,412.13	4,352.75	59.38	74.305		
4,700.00	3,662.01	13,045.00	7,963.13	56.07	136.12	-177.16	-534.81	-2,342.70	4,355.89	4,295.66	60.23	72.315		
4,800.00	3,718.22	13,109.45	7,963.98	58.06	137.84	-177.33	-531.82	-2,407.08	4,300.22	4,238.98	61.24	70.215		
4,900.00	3,774.43	13,280.94	7,965.25	60.05	142.41	-177.84	-521.92	-2,578.25	4,244.06	4,181.31	62.75	67.632		
5,000.00	3,830.65	13,356.65	7,964.98	62.04	144.42	-178.01	-521.12	-2,653.95	4,187.17	4,123.34	63.83	65.597		
5,100.00	3,886.86	13,437.25	7,964.72	64.04	146.56	-178.21	-519.55	-2,734.54	4,130.33	4,065.40	64.93	63.609		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3386-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	13,504.23	7,964.62	66.03	148.34	-178.37	-519.30	-2,801.51	4,073.70	4,007.72	65.98	61.740		
5,300.00	3,999.28	13,580.36	7,964.67	68.03	150.35	-178.51	-521.19	-2,877.62	4,017.32	3,950.23	67.09	59.880		
5,400.00	4,055.50	13,660.79	7,964.76	70.03	152.48	-178.65	-524.25	-2,957.99	3,961.03	3,892.80	68.23	58.058		
5,500.00	4,111.71	13,740.30	7,964.87	72.03	154.57	-178.78	-527.70	-3,037.42	3,904.77	3,835.41	69.36	56.296		
5,600.00	4,167.92	13,804.00	7,965.06	74.03	156.26	-178.90	-529.46	-3,101.10	3,848.67	3,778.24	70.43	54.647		
5,700.00	4,224.13	13,874.89	7,965.54	76.03	158.13	-179.05	-531.47	-3,171.96	3,792.90	3,721.37	71.53	53.024		
5,800.00	4,280.35	13,965.47	7,966.48	78.03	160.53	-179.24	-533.87	-3,262.49	3,737.44	3,664.72	72.72	51.396		
5,900.00	4,336.56	14,043.51	7,967.09	80.04	162.61	-179.47	-532.47	-3,340.51	3,681.77	3,607.92	73.85	49.855		
6,000.00	4,392.77	14,123.38	7,967.96	82.04	164.74	-179.70	-532.01	-3,420.38	3,626.38	3,551.39	75.00	48.353		
6,100.00	4,448.98	14,209.14	7,968.66	84.04	167.03	-179.94	-531.81	-3,506.13	3,570.82	3,494.65	76.18	46.876		
6,200.00	4,505.20	14,277.00	7,969.48	86.05	168.84	179.84	-530.89	-3,573.98	3,515.62	3,438.32	77.30	45.478		
6,300.00	4,561.41	14,383.38	7,970.52	88.05	171.68	179.48	-528.33	-3,680.33	3,460.30	3,381.74	78.57	44.042		
6,400.00	4,617.62	14,449.12	7,971.07	90.06	173.44	179.24	-526.87	-3,746.04	3,404.94	3,325.22	79.72	42.711		
6,500.00	4,673.83	14,511.91	7,971.93	92.07	175.12	179.02	-525.78	-3,808.82	3,350.06	3,269.18	80.89	41.417		
6,600.00	4,730.05	14,581.57	7,973.29	94.07	176.98	178.76	-524.34	-3,878.45	3,295.73	3,213.64	82.09	40.146		
6,700.00	4,786.26	14,670.89	7,974.96	96.08	179.37	178.39	-520.99	-3,967.70	3,241.44	3,158.05	83.39	38.872		
6,800.00	4,842.47	14,748.00	7,976.37	98.09	181.44	178.04	-517.31	-4,044.70	3,187.25	3,102.56	84.68	37.638		
6,900.00	4,898.68	14,813.19	7,977.81	100.09	183.19	177.74	-514.31	-4,109.81	3,133.44	3,047.47	85.98	36.446		
7,000.00	4,954.90	14,876.47	7,979.58	102.10	184.88	177.46	-512.02	-4,173.02	3,080.22	2,992.92	87.30	35.284		
7,100.00	5,011.11	14,938.00	7,981.79	104.11	186.53	177.20	-511.18	-4,234.50	3,027.64	2,939.00	88.64	34.157		
7,200.00	5,067.32	15,005.28	7,984.67	106.12	188.32	176.94	-511.11	-4,301.72	2,975.69	2,885.66	90.02	33.055		
7,300.00	5,123.53	15,184.01	7,989.55	108.13	193.08	176.26	-513.66	-4,480.34	2,922.11	2,830.48	91.64	31.888		
7,400.00	5,179.75	15,252.18	7,990.65	110.14	194.90	175.97	-514.17	-4,548.50	2,868.04	2,774.95	93.09	30.810		
7,500.00	5,235.96	15,317.89	7,992.11	112.15	196.66	175.69	-514.54	-4,614.19	2,814.54	2,719.95	94.58	29.757		
7,600.00	5,292.17	15,408.97	7,994.33	114.16	199.08	175.30	-516.04	-4,705.23	2,761.25	2,665.10	96.15	28.720		
7,700.00	5,348.38	15,476.72	7,996.10	116.17	200.89	175.01	-517.43	-4,772.94	2,708.15	2,610.43	97.72	27.713		
7,800.00	5,404.60	15,652.59	7,997.16	118.18	205.59	174.13	-518.19	-4,948.78	2,653.20	2,553.70	99.49	26.667		
7,900.00	5,460.81	15,716.58	7,998.98	120.19	207.30	173.80	-518.95	-5,012.76	2,597.97	2,496.75	101.21	25.668		
8,000.00	5,517.02	15,790.00	7,997.15	122.20	209.26	173.40	-519.29	-5,086.19	2,543.31	2,440.28	103.03	24.686		
8,100.00	5,573.24	15,863.77	7,997.64	124.21	211.23	173.01	-520.42	-5,159.94	2,489.05	2,384.15	104.89	23.729		
8,200.00	5,629.45	15,954.36	7,998.50	126.22	213.63	172.57	-524.55	-5,250.43	2,434.85	2,328.12	106.73	22.812		
8,300.00	5,685.66	16,030.65	7,999.09	128.23	215.66	172.20	-528.12	-5,326.63	2,380.60	2,271.94	108.66	21.908		
8,400.00	5,741.87	16,104.65	7,999.69	130.24	217.64	171.74	-528.77	-5,400.63	2,326.84	2,216.02	110.82	20.997		
8,500.00	5,798.09	16,183.81	8,000.30	132.25	219.76	171.18	-528.18	-5,479.78	2,273.38	2,160.21	113.16	20.089		
8,600.00	5,854.30	16,262.00	8,000.84	134.26	221.86	170.56	-525.75	-5,557.93	2,220.31	2,104.55	115.76	19.180		
8,700.00	5,910.51	16,336.67	8,001.21	136.28	223.87	169.87	-521.15	-5,632.46	2,167.68	2,049.00	118.68	18.264		
8,800.00	5,966.72	16,432.19	8,001.34	138.29	226.44	168.92	-514.32	-5,727.72	2,115.24	1,993.22	122.02	17.335		
8,900.00	6,022.94	16,512.29	8,001.38	140.30	228.59	168.15	-510.57	-5,807.74	2,062.70	1,937.32	125.38	16.452		
9,000.00	6,079.15	16,583.55	8,001.52	142.31	230.51	167.41	-506.59	-5,878.88	2,010.75	1,881.74	129.01	15.586		
9,100.00	6,135.36	16,653.23	8,001.67	144.32	232.38	166.59	-500.58	-5,948.30	1,959.69	1,826.58	133.11	14.722		
9,200.00	6,191.57	16,733.00	8,002.16	146.34	234.53	165.63	-494.14	-6,027.81	1,909.32	1,771.69	137.62	13.874		
9,300.00	6,247.79	16,852.69	8,002.46	148.35	237.75	164.23	-488.57	-6,147.36	1,858.44	1,715.91	142.54	13.038		
9,400.00	6,304.00	16,939.42	8,002.22	150.36	240.08	163.23	-486.91	-6,234.07	1,807.09	1,659.74	147.34	12.265		
9,500.00	6,360.21	17,007.51	8,002.02	152.37	241.91	162.37	-484.68	-6,302.12	1,756.44	1,603.90	152.54	11.514		
9,600.00	6,416.42	17,083.37	8,002.32	154.39	243.95	161.38	-482.43	-6,377.94	1,706.76	1,548.59	158.17	10.791		
9,700.00	6,472.64	17,184.77	8,004.06	156.40	246.66	160.20	-484.73	-6,479.29	1,657.38	1,493.75	163.64	10.129		
9,800.00	6,528.85	17,266.99	8,005.45	158.41	248.84	159.27	-489.05	-6,561.39	1,607.60	1,438.47	169.14	9.505		
9,900.00	6,585.06	17,339.96	8,007.07	160.42	250.78	158.40	-492.88	-6,634.24	1,558.63	1,383.56	175.07	8.903		
10,000.00	6,641.27	17,413.11	8,009.04	162.44	252.73	157.47	-495.96	-6,707.29	1,510.71	1,329.18	181.53	8.322		
10,100.00	6,697.49	17,493.57	8,011.40	164.45	254.87	156.37	-498.93	-6,787.66	1,463.62	1,275.10	188.52	7.764		
10,200.00	6,753.70	17,573.72	8,014.15	166.46	257.01	155.23	-502.39	-6,867.69	1,417.27	1,221.35	195.92	7.234		
10,300.00	6,809.91	17,661.93	8,016.52	168.48	259.36	153.84	-504.63	-6,955.82	1,371.49	1,167.27	204.22	6.716		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													SEC 28-T3S-R65W - KING 3-65 28-29 2BH - OWB - FINAL SURVEY		Offset Site Error: 0.00 usft	
Survey Program: 209-MWD OWSG, 3386-MWD OWSG													Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	17,740.27	8,016.81	170.49	261.47	152.34	-502.69	-7,034.13	1,326.43	1,112.31	214.12	6.195				
10,500.00	6,922.34	17,815.86	8,016.89	172.50	263.50	150.75	-499.67	-7,109.67	1,282.74	1,057.73	225.01	5.701				
10,600.00	6,978.55	17,906.12	8,016.63	174.52	265.93	148.70	-494.86	-7,199.79	1,240.52	1,003.14	237.37	5.226				
10,700.00	7,034.76	18,008.48	8,014.78	176.53	268.69	146.25	-490.87	-7,302.05	1,197.95	947.10	250.85	4.776				
10,800.00	7,090.98	18,090.63	8,013.68	178.54	270.90	144.23	-489.36	-7,384.18	1,156.40	892.04	264.36	4.374				
10,900.00	7,147.19	18,169.02	8,012.82	180.56	273.01	142.21	-488.19	-7,462.56	1,116.43	837.81	278.61	4.007				
11,000.00	7,203.40	18,242.36	8,012.50	182.57	274.98	140.23	-487.09	-7,535.89	1,078.59	785.04	293.56	3.674				
11,100.00	7,259.61	18,320.64	8,012.78	184.58	277.08	138.04	-485.92	-7,614.16	1,043.12	733.78	309.34	3.372				
11,200.00	7,315.83	18,346.00	8,012.89	186.60	277.76	137.30	-485.55	-7,639.52	1,011.32	687.40	323.92	3.122				
11,300.00	7,372.04	18,346.00	8,012.89	188.61	277.76	137.30	-485.55	-7,639.52	988.32	652.36	335.97	2.942				
11,400.00	7,428.25	18,346.00	8,012.89	190.63	277.76	137.30	-485.55	-7,639.52	975.09	629.74	345.35	2.823				
11,479.90	7,473.17	18,346.00	8,012.89	192.24	277.76	137.30	-485.55	-7,639.52	971.81	621.25	350.56	2.772	CC			
11,500.00	7,484.46	18,346.00	8,012.89	192.64	277.76	137.30	-485.55	-7,639.52	972.02	620.49	351.53	2.765	ES			
11,600.00	7,540.68	18,346.00	8,012.89	194.65	277.76	137.30	-485.55	-7,639.52	979.21	624.98	354.23	2.764	SF			
11,700.00	7,596.89	18,346.00	8,012.89	196.67	277.76	137.30	-485.55	-7,639.52	996.42	642.92	353.51	2.819				
11,800.00	7,653.10	18,346.00	8,012.89	198.68	277.76	137.30	-485.55	-7,639.52	1,023.17	673.44	349.73	2.926				
11,900.00	7,708.64	18,346.00	8,012.89	200.71	277.76	135.66	-485.55	-7,639.52	1,059.13	715.83	343.30	3.085				
12,000.00	7,753.02	18,346.00	8,012.89	202.96	277.76	129.42	-485.55	-7,639.52	1,108.77	776.05	332.71	3.333				
12,100.00	7,781.64	18,346.00	8,012.89	205.41	277.76	121.39	-485.55	-7,639.52	1,170.86	851.96	318.89	3.672				
12,200.00	7,793.64	18,346.00	8,012.89	207.95	277.76	111.34	-485.55	-7,639.52	1,241.80	938.32	303.49	4.092				
12,300.00	7,794.00	18,346.00	8,012.89	210.49	277.76	109.03	-485.55	-7,639.52	1,318.00	1,029.90	288.09	4.575				
12,400.00	7,794.00	18,346.00	8,012.89	213.04	277.76	109.03	-485.55	-7,639.52	1,397.23	1,123.31	273.92	5.101				
12,500.00	7,794.00	18,346.00	8,012.89	215.58	277.76	109.03	-485.55	-7,639.52	1,478.97	1,218.03	260.95	5.668				
12,600.00	7,794.00	18,346.00	8,012.89	218.14	277.76	109.03	-485.55	-7,639.52	1,562.85	1,313.72	249.13	6.273				
12,700.00	7,794.00	18,346.00	8,012.89	220.69	277.76	109.03	-485.55	-7,639.52	1,648.52	1,410.16	238.36	6.916				
12,800.00	7,794.00	18,346.00	8,012.89	223.25	277.76	109.03	-485.55	-7,639.52	1,735.72	1,507.16	228.57	7.594				
12,900.00	7,794.00	18,346.00	8,012.89	225.81	277.76	109.03	-485.55	-7,639.52	1,824.24	1,604.59	219.65	8.305				
13,000.00	7,794.00	18,346.00	8,012.89	228.37	277.76	109.03	-485.55	-7,639.52	1,913.89	1,702.37	211.52	9.048				
13,100.00	7,794.00	18,346.00	8,012.89	230.94	277.76	109.03	-485.55	-7,639.52	2,004.52	1,800.41	204.11	9.821				
13,200.00	7,794.00	18,346.00	8,012.89	233.51	277.76	109.03	-485.55	-7,639.52	2,096.00	1,898.67	197.34	10.621				
13,300.00	7,794.00	18,346.00	8,012.89	236.08	277.76	109.03	-485.55	-7,639.52	2,188.23	1,997.09	191.14	11.448				
13,400.00	7,794.00	18,346.00	8,012.89	238.66	277.76	109.03	-485.55	-7,639.52	2,281.11	2,095.66	185.45	12.300				
13,500.00	7,794.00	18,346.00	8,012.89	241.24	277.76	109.03	-485.55	-7,639.52	2,374.57	2,194.34	180.23	13.175				
13,600.00	7,794.00	18,346.00	8,012.89	243.82	277.76	109.03	-485.55	-7,639.52	2,468.55	2,293.12	175.43	14.072				
13,700.00	7,794.00	18,346.00	8,012.89	246.40	277.76	109.03	-485.55	-7,639.52	2,562.98	2,391.98	171.00	14.988				
13,800.00	7,794.00	18,346.00	8,012.89	248.99	277.76	109.03	-485.55	-7,639.52	2,657.81	2,490.91	166.91	15.924				
13,900.00	7,794.00	18,346.00	8,012.89	251.58	277.76	109.03	-485.55	-7,639.52	2,753.02	2,589.89	163.12	16.877				
14,000.00	7,794.00	18,346.00	8,012.89	254.17	277.76	109.03	-485.55	-7,639.52	2,848.55	2,688.93	159.62	17.846				
14,100.00	7,794.00	18,346.00	8,012.89	256.76	277.76	109.03	-485.55	-7,639.52	2,944.38	2,788.01	156.36	18.831				
14,200.00	7,794.00	18,346.00	8,012.89	259.36	277.76	109.03	-485.55	-7,639.52	3,040.47	2,887.14	153.33	19.829				
14,300.00	7,794.00	18,346.00	8,012.89	261.95	277.76	109.03	-485.55	-7,639.52	3,136.81	2,986.30	150.52	20.840				
14,400.00	7,794.00	18,346.00	8,012.89	264.55	277.76	109.03	-485.55	-7,639.52	3,233.38	3,085.49	147.89	21.864				
14,500.00	7,794.00	18,346.00	8,012.89	267.15	277.76	109.03	-485.55	-7,639.52	3,330.14	3,184.71	145.44	22.898				
14,600.00	7,794.00	18,346.00	8,012.89	269.76	277.76	109.03	-485.55	-7,639.52	3,427.09	3,283.95	143.14	23.942				
14,700.00	7,794.00	18,346.00	8,012.89	272.36	277.76	109.03	-485.55	-7,639.52	3,524.21	3,383.22	140.99	24.996				
14,800.00	7,794.00	18,346.00	8,012.89	274.97	277.76	109.03	-485.55	-7,639.52	3,621.49	3,482.51	138.98	26.058				
14,900.00	7,794.00	18,346.00	8,012.89	277.58	277.76	109.03	-485.55	-7,639.52	3,718.92	3,581.83	137.09	27.128				
15,000.00	7,794.00	18,346.00	8,012.89	280.19	277.76	109.03	-485.55	-7,639.52	3,816.47	3,681.16	135.31	28.205				
15,100.00	7,794.00	18,346.00	8,012.89	282.80	277.76	109.03	-485.55	-7,639.52	3,914.15	3,780.51	133.64	29.289				
15,200.00	7,794.00	18,346.00	8,012.89	285.41	277.76	109.03	-485.55	-7,639.52	4,011.95	3,879.88	132.06	30.379				
15,300.00	7,794.00	18,346.00	8,012.89	288.03	277.76	109.03	-485.55	-7,639.52	4,109.85	3,979.27	130.58	31.474				
15,400.00	7,794.00	18,346.00	8,012.89	290.64	277.76	109.03	-485.55	-7,639.52	4,207.84	4,078.67	129.18	32.574				

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 2BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3386-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,794.00	18,346.00	8,012.89	293.26	277.76	109.03	-485.55	-7,639.52	4,305.94	4,178.08	127.85	33.678		
15,600.00	7,794.00	18,346.00	8,012.89	295.88	277.76	109.03	-485.55	-7,639.52	4,404.11	4,277.51	126.60	34.787		
15,700.00	7,794.00	18,346.00	8,012.89	298.50	277.76	109.03	-485.55	-7,639.52	4,502.37	4,376.95	125.42	35.899		
15,800.00	7,794.00	18,346.00	8,012.89	301.12	277.76	109.03	-485.55	-7,639.52	4,600.70	4,476.40	124.30	37.014		
15,900.00	7,794.00	18,346.00	8,012.89	303.75	277.76	109.03	-485.55	-7,639.52	4,699.10	4,575.87	123.23	38.131		
16,000.00	7,794.00	18,346.00	8,012.89	306.37	277.76	109.03	-485.55	-7,639.52	4,797.57	4,675.35	122.23	39.252		
16,100.00	7,794.00	18,346.00	8,012.89	309.00	277.76	109.03	-485.55	-7,639.52	4,896.10	4,774.83	121.27	40.374		
16,200.00	7,794.00	18,346.00	8,012.89	311.62	277.76	109.03	-485.55	-7,639.52	4,994.69	4,874.33	120.36	41.498		
16,300.00	7,794.00	18,346.00	8,012.89	314.25	277.76	109.03	-485.55	-7,639.52	5,093.34	4,973.84	119.50	42.624		
16,400.00	7,794.00	18,346.00	8,012.89	316.88	277.76	109.03	-485.55	-7,639.52	5,192.03	5,073.36	118.67	43.751		
16,500.00	7,794.00	18,346.00	8,012.89	319.51	277.76	109.03	-485.55	-7,639.52	5,290.78	5,172.89	117.89	44.879		
16,600.00	7,794.00	18,346.00	8,012.89	322.15	277.76	109.03	-485.55	-7,639.52	5,389.57	5,272.42	117.15	46.007		
16,700.00	7,794.00	18,346.00	8,012.89	324.78	277.76	109.03	-485.55	-7,639.52	5,488.40	5,371.97	116.44	47.137		
16,800.00	7,794.00	18,346.00	8,012.89	327.41	277.76	109.03	-485.55	-7,639.52	5,587.28	5,471.52	115.76	48.266		
16,900.00	7,794.00	18,346.00	8,012.89	330.05	277.76	109.03	-485.55	-7,639.52	5,686.19	5,571.08	115.11	49.396		
17,000.00	7,794.00	18,346.00	8,012.89	332.68	277.76	109.03	-485.55	-7,639.52	5,785.15	5,670.65	114.50	50.526		
17,100.00	7,794.00	18,346.00	8,012.89	335.32	277.76	109.03	-485.55	-7,639.52	5,884.14	5,770.23	113.91	51.656		
17,200.00	7,794.00	18,346.00	8,012.89	337.96	277.76	109.03	-485.55	-7,639.52	5,983.16	5,869.81	113.35	52.785		
17,300.00	7,794.00	18,346.00	8,012.89	340.60	277.76	109.03	-485.55	-7,639.52	6,082.21	5,969.40	112.81	53.914		
17,400.00	7,794.00	18,346.00	8,012.89	343.24	277.76	109.03	-485.55	-7,639.52	6,181.30	6,069.00	112.30	55.043		
17,500.00	7,794.00	18,346.00	8,012.89	345.88	277.76	109.03	-485.55	-7,639.52	6,280.41	6,168.60	111.81	56.170		
17,600.00	7,794.00	18,346.00	8,012.89	348.52	277.76	109.03	-485.55	-7,639.52	6,379.55	6,268.21	111.34	57.297		
17,700.00	7,794.00	18,346.00	8,012.89	351.16	277.76	109.03	-485.55	-7,639.52	6,478.72	6,367.83	110.89	58.423		
17,800.00	7,794.00	18,346.00	8,012.89	353.81	277.76	109.03	-485.55	-7,639.52	6,577.91	6,467.45	110.46	59.548		
17,900.00	7,794.00	18,346.00	8,012.89	356.45	277.76	109.03	-485.55	-7,639.52	6,677.13	6,567.07	110.05	60.671		
18,000.00	7,794.00	18,346.00	8,012.89	359.09	277.76	109.03	-485.55	-7,639.52	6,776.37	6,666.71	109.66	61.794		
18,100.00	7,794.00	18,346.00	8,012.89	361.74	277.76	109.03	-485.55	-7,639.52	6,875.63	6,766.35	109.28	62.915		
18,200.00	7,794.00	18,346.00	8,012.89	364.39	277.76	109.03	-485.55	-7,639.52	6,974.91	6,865.99	108.92	64.034		
18,300.00	7,794.00	18,346.00	8,012.89	367.03	277.76	109.03	-485.55	-7,639.52	7,074.22	6,965.64	108.58	65.152		
18,400.00	7,794.00	18,346.00	8,012.89	369.68	277.76	109.03	-485.55	-7,639.52	7,173.54	7,065.29	108.25	66.269		
18,500.00	7,794.00	18,346.00	8,012.89	372.33	277.76	109.03	-485.55	-7,639.52	7,272.88	7,164.95	107.93	67.384		
18,600.00	7,794.00	18,346.00	8,012.89	374.98	277.76	109.03	-485.55	-7,639.52	7,372.24	7,264.61	107.63	68.497		
18,700.00	7,794.00	18,346.00	8,012.89	377.63	277.76	109.03	-485.55	-7,639.52	7,471.62	7,364.28	107.34	69.609		
18,800.00	7,794.00	18,346.00	8,012.89	380.28	277.76	109.03	-485.55	-7,639.52	7,571.01	7,463.95	107.06	70.719		
18,900.00	7,794.00	18,346.00	8,012.89	382.93	277.76	109.03	-485.55	-7,639.52	7,670.42	7,563.63	106.79	71.826		
19,000.00	7,794.00	18,346.00	8,012.89	385.58	277.76	109.03	-485.55	-7,639.52	7,769.84	7,663.30	106.53	72.932		
19,100.00	7,794.00	18,346.00	8,012.89	388.24	277.76	109.03	-485.55	-7,639.52	7,869.28	7,762.99	106.29	74.036		
19,200.00	7,794.00	18,346.00	8,012.89	390.89	277.76	109.03	-485.55	-7,639.52	7,968.73	7,862.68	106.05	75.138		
19,300.00	7,794.00	18,346.00	8,012.89	393.55	277.76	109.03	-485.55	-7,639.52	8,068.20	7,962.37	105.83	76.238		
19,400.00	7,794.00	18,346.00	8,012.89	396.20	277.76	109.03	-485.55	-7,639.52	8,167.67	8,062.06	105.61	77.336		
19,500.00	7,794.00	18,346.00	8,012.89	398.85	277.76	109.03	-485.55	-7,639.52	8,267.17	8,161.76	105.41	78.432		
19,600.00	7,794.00	18,346.00	8,012.89	401.51	277.76	109.03	-485.55	-7,639.52	8,366.67	8,261.46	105.21	79.525		
19,700.00	7,794.00	18,346.00	8,012.89	404.17	277.76	109.03	-485.55	-7,639.52	8,466.18	8,361.17	105.02	80.617		
19,800.00	7,794.00	18,346.00	8,012.89	406.82	277.76	109.03	-485.55	-7,639.52	8,565.71	8,460.87	104.84	81.706		
19,900.00	7,794.00	18,346.00	8,012.89	409.48	277.76	109.03	-485.55	-7,639.52	8,665.25	8,560.59	104.66	82.793		
20,000.00	7,794.00	18,346.00	8,012.89	412.14	277.76	109.03	-485.55	-7,639.52	8,764.80	8,660.30	104.50	83.877		
20,100.00	7,794.00	18,346.00	8,012.89	414.80	277.76	109.03	-485.55	-7,639.52	8,864.35	8,760.02	104.34	84.960		
20,200.00	7,794.00	18,346.00	8,012.89	417.46	277.76	109.03	-485.55	-7,639.52	8,963.92	8,859.74	104.18	86.040		
20,300.00	7,794.00	18,346.00	8,012.89	420.12	277.76	109.03	-485.55	-7,639.52	9,063.50	8,959.46	104.04	87.118		
20,400.00	7,794.00	18,346.00	8,012.89	422.78	277.76	109.03	-485.55	-7,639.52	9,163.09	9,059.19	103.90	88.193		
20,500.00	7,794.00	18,346.00	8,012.89	425.44	277.76	109.03	-485.55	-7,639.52	9,262.68	9,158.92	103.76	89.266		
20,600.00	7,794.00	18,346.00	8,012.89	428.10	277.76	109.03	-485.55	-7,639.52	9,362.29	9,258.65	103.64	90.337		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
SEC 28-T3S-R65W - KING 3-65 28-29 2BH - OWB - FINAL SURVEY												Offset Well Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3386-MWD OWSG													
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
20,700.00	7,794.00	18,346.00	8,012.89	430.76	277.76	109.03	-485.55	-7,639.52	9,461.90	9,358.38	103.52	91.405	
20,800.00	7,794.00	18,346.00	8,012.89	433.42	277.76	109.03	-485.55	-7,639.52	9,561.52	9,458.12	103.40	92.470	
20,900.00	7,794.00	18,346.00	8,012.89	436.08	277.76	109.03	-485.55	-7,639.52	9,661.15	9,557.86	103.29	93.534	
21,000.00	7,794.00	18,346.00	8,012.89	438.74	277.76	109.03	-485.55	-7,639.52	9,760.78	9,657.60	103.19	94.595	
21,100.00	7,794.00	18,346.00	8,012.89	441.41	277.76	109.03	-485.55	-7,639.52	9,860.43	9,757.34	103.09	95.653	
21,200.00	7,794.00	18,346.00	8,012.89	444.07	277.76	109.03	-485.55	-7,639.52	9,960.08	9,857.09	102.99	96.709	
21,300.00	7,794.00	18,346.00	8,012.89	446.74	277.76	109.03	-485.55	-7,639.52	10,059.73	9,956.83	102.90	97.762	

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3384-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	65.76	65.76	0.27	0.11	131.69	-1,927.72	2,164.74	2,898.71	2,898.33	0.37	7,732.594		
200.00	200.00	199.90	199.86	0.63	0.32	131.74	-1,928.61	2,161.86	2,897.54	2,896.59	0.95	3,054.423		
300.00	300.00	259.46	259.39	0.99	0.52	131.77	-1,929.37	2,160.21	2,896.39	2,894.89	1.50	1,928.157		
322.66	322.66	271.73	271.66	1.07	0.56	131.78	-1,929.58	2,160.00	2,896.35	2,894.73	1.63	1,779.721		
400.00	400.00	300.00	299.92	1.34	0.66	131.79	-1,930.13	2,159.66	2,896.89	2,894.88	2.01	1,442.722		
500.00	500.00	362.95	362.85	1.70	0.88	131.80	-1,931.47	2,160.06	2,898.95	2,896.36	2.58	1,121.468		
600.00	599.98	414.04	413.90	2.05	1.06	-129.56	-1,932.65	2,161.63	2,903.88	2,900.77	3.11	933.198		
700.00	699.84	480.00	479.76	2.40	1.29	-129.49	-1,934.80	2,164.75	2,912.74	2,909.06	3.69	790.119		
800.00	799.45	533.08	532.70	2.76	1.48	-129.39	-1,936.88	2,167.91	2,925.12	2,920.90	4.23	691.999		
900.00	898.70	610.89	610.27	3.13	1.76	-129.31	-1,940.05	2,173.19	2,940.65	2,935.78	4.87	604.059		
1,000.00	997.47	667.00	666.18	3.53	1.97	-129.16	-1,942.53	2,177.16	2,959.07	2,953.63	5.44	543.730		
1,100.00	1,095.62	762.00	760.74	3.95	2.33	-129.12	-1,947.54	2,184.76	2,980.73	2,974.55	6.18	482.663		
1,200.00	1,193.06	793.38	791.92	4.41	2.45	-128.84	-1,949.61	2,187.59	3,005.83	2,999.14	6.69	448.979		
1,300.00	1,289.64	857.00	855.03	4.91	2.70	-128.62	-1,955.01	2,193.59	3,034.81	3,027.46	7.35	412.736		
1,400.00	1,385.27	913.52	911.01	5.45	2.93	-128.34	-1,960.61	2,199.04	3,066.98	3,058.97	8.01	382.918		
1,500.00	1,479.82	1,003.57	1,000.17	6.04	3.30	-128.19	-1,969.81	2,207.60	3,101.62	3,092.79	8.83	351.430		
1,600.00	1,573.17	1,069.80	1,065.75	6.69	3.58	-127.91	-1,976.66	2,213.93	3,138.61	3,129.04	9.57	327.835		
1,700.00	1,665.21	1,114.09	1,109.50	7.39	3.77	-127.46	-1,981.84	2,218.41	3,178.89	3,168.63	10.26	309.744		
1,800.00	1,755.84	1,168.31	1,162.94	8.16	4.01	-127.02	-1,988.94	2,224.22	3,222.44	3,211.42	11.02	292.296		
1,900.00	1,844.94	1,242.20	1,235.70	9.00	4.34	-126.68	-1,998.83	2,232.45	3,268.61	3,256.71	11.90	274.609		
2,000.00	1,932.39	1,358.98	1,350.82	9.91	4.86	-126.63	-2,013.99	2,244.98	3,316.39	3,303.38	13.01	254.978		
2,100.00	2,018.11	1,437.83	1,428.58	10.89	5.21	-126.30	-2,024.09	2,253.22	3,366.08	3,352.10	13.98	240.789		
2,200.00	2,101.97	1,531.42	1,520.91	11.94	5.62	-126.08	-2,035.95	2,262.86	3,417.74	3,402.68	15.05	227.027		
2,300.00	2,183.88	1,634.72	1,622.96	13.08	6.08	-125.95	-2,048.11	2,273.22	3,470.90	3,454.69	16.21	214.152		
2,400.00	2,263.74	1,701.10	1,688.59	14.28	6.37	-125.48	-2,055.50	2,280.03	3,526.09	3,508.87	17.22	204.738		
2,500.00	2,341.45	1,748.18	1,735.09	15.57	6.58	-124.78	-2,060.77	2,285.07	3,583.70	3,565.52	18.17	197.179		
2,600.00	2,416.92	1,805.00	1,791.15	16.93	6.84	-124.12	-2,067.54	2,291.46	3,643.93	3,624.73	19.20	189.801		
2,700.00	2,490.05	1,831.45	1,817.21	18.37	6.96	-123.07	-2,070.84	2,294.55	3,706.55	3,686.45	20.10	184.441		
2,800.00	2,560.76	1,870.42	1,855.57	19.88	7.14	-122.08	-2,075.83	2,299.27	3,771.59	3,750.52	21.07	178.972		
2,900.00	2,628.95	1,900.00	1,884.65	21.48	7.27	-120.88	-2,079.73	2,302.97	3,838.91	3,816.89	22.02	174.351		
3,000.00	2,694.55	1,952.66	1,936.38	23.15	7.52	-119.89	-2,086.92	2,309.67	3,908.27	3,885.17	23.10	169.175		
3,100.00	2,757.48	2,277.02	2,256.92	24.89	8.95	-122.42	-2,123.10	2,342.78	3,976.79	3,951.18	25.61	155.280		
3,200.00	2,817.66	2,278.00	2,257.89	26.70	8.96	-120.77	-2,123.17	2,342.86	4,046.50	4,020.02	26.47	152.859		
3,300.00	2,875.03	2,312.18	2,291.80	28.58	9.10	-119.64	-2,126.05	2,346.00	4,118.25	4,090.75	27.50	149.741		
3,400.00	2,931.24	2,327.85	2,307.33	30.50	9.17	-119.87	-2,127.46	2,347.61	4,191.56	4,163.14	28.42	147.463		
3,500.00	2,987.46	2,372.00	2,350.97	32.43	9.36	-120.49	-2,131.76	2,352.71	4,266.09	4,236.62	29.48	144.728		
3,600.00	3,043.67	2,372.00	2,350.97	34.37	9.36	-120.49	-2,131.76	2,352.71	4,340.95	4,310.68	30.27	143.394		
3,700.00	3,099.88	2,378.60	2,357.48	36.32	9.39	-120.58	-2,132.44	2,353.53	4,416.80	4,385.72	31.08	142.110		
3,800.00	3,156.09	2,451.38	2,429.38	38.27	9.71	-121.58	-2,139.61	2,362.20	4,492.90	4,460.66	32.24	139.365		
3,900.00	3,212.31	2,516.53	2,493.78	40.23	10.00	-122.45	-2,145.89	2,369.77	4,569.32	4,535.98	33.34	137.056		
4,000.00	3,268.52	2,560.00	2,536.75	42.20	10.19	-123.02	-2,150.12	2,374.87	4,646.25	4,611.94	34.30	135.453		
4,100.00	3,324.73	2,598.59	2,574.89	44.17	10.36	-123.52	-2,153.88	2,379.45	4,723.63	4,688.41	35.22	134.122		
4,200.00	3,380.94	2,644.11	2,619.86	46.15	10.56	-124.10	-2,158.21	2,384.91	4,801.40	4,765.24	36.16	132.784		
4,300.00	3,437.16	2,769.54	2,743.94	48.12	11.11	-125.65	-2,169.88	2,399.10	4,879.26	4,841.71	37.55	129.934		
4,400.00	3,493.37	2,781.63	2,755.89	50.11	11.17	-125.79	-2,171.08	2,400.46	4,957.24	4,918.97	38.27	129.526		
4,500.00	3,549.58	12,760.00	7,906.52	52.09	130.59	-145.29	-2,752.95	-2,211.05	5,026.99	4,927.73	99.26	50.646		
4,600.00	3,605.79	12,875.43	7,907.11	54.08	133.66	-144.99	-2,752.08	-2,326.48	4,971.88	4,869.61	102.26	48.618		
4,700.00	3,662.01	12,972.37	7,908.06	56.07	136.24	-144.76	-2,749.67	-2,423.37	4,916.46	4,811.41	105.05	46.801		
4,800.00	3,718.22	13,109.93	7,908.61	58.06	139.90	-144.43	-2,745.33	-2,560.86	4,860.39	4,752.13	108.26	44.895		
4,900.00	3,774.43	13,181.12	7,908.32	60.05	141.80	-144.24	-2,743.20	-2,632.03	4,803.87	4,693.03	110.84	43.340		
5,000.00	3,830.65	13,234.85	7,908.29	62.04	143.23	-144.10	-2,741.88	-2,685.74	4,747.84	4,634.55	113.28	41.912		
5,100.00	3,886.86	13,329.00	7,907.78	64.04	145.74	-143.84	-2,739.85	-2,779.87	4,691.59	4,575.41	116.18	40.383		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3384-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3,943.07	13,394.14	7,907.21	66.03	147.47	-143.64	-2,738.87	-2,844.99	4,635.55	4,516.72	118.83	39.011		
5,300.00	3,999.28	13,423.00	7,907.10	68.03	148.24	-143.56	-2,738.70	-2,873.85	4,580.36	4,459.22	121.14	37.812		
5,400.00	4,055.50	13,475.70	7,907.20	70.03	149.65	-143.39	-2,738.78	-2,926.55	4,525.89	4,402.15	123.74	36.575		
5,500.00	4,111.71	13,518.00	7,907.62	72.03	150.77	-143.25	-2,739.21	-2,968.85	4,472.32	4,346.04	126.27	35.417		
5,600.00	4,167.92	13,554.16	7,908.20	74.03	151.74	-143.13	-2,739.90	-3,005.00	4,419.62	4,290.84	128.78	34.320		
5,700.00	4,224.13	13,774.48	7,909.88	76.03	157.61	-142.35	-2,743.74	-3,225.24	4,366.78	4,233.36	133.42	32.730		
5,800.00	4,280.35	13,836.89	7,909.36	78.03	159.27	-142.12	-2,744.49	-3,287.64	4,312.26	4,175.92	136.34	31.630		
5,900.00	4,336.56	13,898.00	7,908.83	80.04	160.90	-141.88	-2,745.76	-3,348.73	4,258.19	4,118.89	139.30	30.568		
6,000.00	4,392.77	13,953.79	7,908.46	82.04	162.39	-141.65	-2,747.32	-3,404.50	4,204.68	4,062.41	142.27	29.554		
6,100.00	4,448.98	13,993.00	7,908.33	84.04	163.43	-141.49	-2,748.61	-3,443.69	4,151.85	4,006.76	145.09	28.616		
6,200.00	4,505.20	14,053.90	7,908.47	86.05	165.05	-141.23	-2,750.98	-3,504.55	4,099.72	3,951.49	148.22	27.659		
6,300.00	4,561.41	14,211.38	7,906.97	88.05	169.24	-140.50	-2,759.26	-3,661.78	4,047.55	3,894.85	152.71	26.505		
6,400.00	4,617.62	14,462.81	7,900.47	90.06	175.94	-139.29	-2,766.86	-3,912.92	3,994.35	3,836.18	158.17	25.253		
6,500.00	4,673.83	14,538.77	7,898.34	92.07	177.97	-138.95	-2,765.67	-3,988.85	3,938.09	3,776.51	161.58	24.372		
6,600.00	4,730.05	14,614.50	7,896.73	94.07	180.00	-138.62	-2,763.90	-4,064.53	3,882.04	3,717.04	165.01	23.526		
6,700.00	4,786.26	14,687.86	7,895.05	96.08	181.96	-138.29	-2,762.54	-4,137.86	3,826.21	3,657.72	168.49	22.708		
6,800.00	4,842.47	14,764.92	7,894.38	98.09	184.02	-137.96	-2,759.78	-4,214.86	3,770.66	3,598.67	171.99	21.924		
6,900.00	4,898.68	14,866.70	7,894.25	100.09	186.75	-137.54	-2,754.55	-4,316.51	3,714.97	3,539.35	175.63	21.152		
7,000.00	4,954.90	14,956.27	7,894.37	102.10	189.15	-137.18	-2,748.82	-4,405.89	3,658.96	3,479.78	179.19	20.420		
7,100.00	5,011.11	15,019.02	7,894.66	104.11	190.83	-136.92	-2,744.78	-4,468.51	3,603.24	3,420.59	182.66	19.727		
7,200.00	5,067.32	15,086.62	7,895.15	106.12	192.64	-136.63	-2,740.70	-4,535.99	3,547.98	3,361.76	186.22	19.053		
7,300.00	5,123.53	15,160.87	7,895.82	108.13	194.63	-136.31	-2,736.45	-4,610.12	3,493.08	3,303.20	189.89	18.396		
7,400.00	5,179.75	15,240.70	7,896.37	110.14	196.76	-135.94	-2,732.21	-4,689.83	3,438.35	3,244.68	193.67	17.754		
7,500.00	5,235.96	15,316.00	7,896.93	112.15	198.78	-135.58	-2,728.30	-4,765.03	3,383.81	3,186.31	197.50	17.133		
7,600.00	5,292.17	15,384.93	7,897.43	114.16	200.63	-135.24	-2,725.04	-4,833.88	3,329.62	3,128.23	201.39	16.533		
7,700.00	5,348.38	15,453.81	7,897.80	116.17	202.48	-134.88	-2,722.42	-4,902.70	3,275.89	3,070.49	205.39	15.949		
7,800.00	5,404.60	15,521.15	7,897.98	118.18	204.28	-134.51	-2,720.51	-4,970.02	3,222.61	3,013.10	209.51	15.381		
7,900.00	5,460.81	15,583.41	7,898.78	120.19	205.95	-134.16	-2,718.50	-5,032.24	3,169.95	2,956.31	213.65	14.837		
8,000.00	5,517.02	15,677.95	7,900.99	122.20	208.49	-133.65	-2,714.54	-5,126.67	3,117.64	2,899.68	217.96	14.304		
8,100.00	5,573.24	15,742.82	7,902.48	124.21	210.23	-133.30	-2,711.69	-5,191.46	3,065.36	2,843.14	222.21	13.795		
8,200.00	5,629.45	15,803.22	7,904.01	126.22	211.85	-132.95	-2,709.66	-5,251.81	3,013.89	2,787.33	226.57	13.303		
8,300.00	5,685.66	15,875.92	7,906.02	128.23	213.80	-132.51	-2,707.57	-5,324.45	2,963.02	2,731.93	231.09	12.822		
8,400.00	5,741.87	15,941.66	7,908.03	130.24	215.57	-132.10	-2,705.92	-5,390.14	2,912.70	2,677.03	235.67	12.359		
8,500.00	5,798.09	16,001.72	7,910.04	132.25	217.18	-131.72	-2,704.81	-5,450.16	2,863.14	2,622.81	240.33	11.913		
8,600.00	5,854.30	16,055.65	7,911.65	134.26	218.62	-131.35	-2,704.85	-5,504.06	2,814.60	2,569.49	245.12	11.483		
8,700.00	5,910.51	16,143.73	7,913.56	136.28	220.98	-130.69	-2,706.54	-5,592.10	2,766.86	2,516.42	250.44	11.048		
8,800.00	5,966.72	16,227.63	7,914.54	138.29	223.23	-130.01	-2,708.62	-5,675.97	2,719.10	2,463.18	255.92	10.625		
8,900.00	6,022.94	16,316.20	7,915.34	140.30	225.60	-129.27	-2,711.11	-5,764.50	2,671.69	2,410.09	261.60	10.213		
9,000.00	6,079.15	16,389.77	7,915.58	142.31	227.57	-128.63	-2,713.38	-5,838.04	2,624.48	2,357.18	267.30	9.819		
9,100.00	6,135.36	16,450.00	7,915.87	144.32	229.18	-128.08	-2,715.89	-5,898.21	2,578.33	2,305.33	273.00	9.445		
9,200.00	6,191.57	16,537.12	7,916.36	146.34	231.51	-127.25	-2,719.86	-5,985.24	2,532.90	2,253.70	279.20	9.072		
9,300.00	6,247.79	16,605.05	7,916.66	148.35	233.32	-126.59	-2,723.12	-6,053.09	2,488.01	2,202.70	285.30	8.721		
9,400.00	6,304.00	16,801.74	7,914.87	150.36	238.59	-124.58	-2,728.64	-6,249.65	2,441.16	2,148.14	293.02	8.331		
9,500.00	6,360.21	16,876.05	7,913.38	152.37	240.58	-123.79	-2,729.64	-6,323.94	2,393.80	2,094.28	299.51	7.992		
9,600.00	6,416.42	16,958.15	7,912.88	154.39	242.78	-122.91	-2,729.96	-6,406.03	2,347.12	2,041.02	306.10	7.668		
9,700.00	6,472.64	17,045.80	7,912.23	156.40	245.14	-121.95	-2,730.03	-6,493.68	2,300.70	1,987.82	312.88	7.353		
9,800.00	6,528.85	17,122.61	7,911.55	158.41	247.20	-121.07	-2,730.20	-6,570.49	2,254.84	1,935.08	319.75	7.052		
9,900.00	6,585.06	17,192.94	7,910.53	160.42	249.09	-120.23	-2,731.01	-6,640.81	2,209.86	1,883.04	326.82	6.762		
10,000.00	6,641.27	17,296.89	7,909.89	162.44	251.88	-118.96	-2,731.32	-6,744.75	2,165.42	1,831.24	334.18	6.480		
10,100.00	6,697.49	17,360.87	7,910.70	164.45	253.60	-118.20	-2,730.38	-6,808.71	2,121.36	1,780.09	341.28	6.216		
10,200.00	6,753.70	17,434.80	7,911.63	166.46	255.58	-117.28	-2,730.07	-6,882.63	2,078.62	1,730.01	348.61	5.963		
10,300.00	6,809.91	17,524.32	7,912.89	168.48	257.99	-116.14	-2,729.48	-6,972.14	2,036.46	1,680.33	356.13	5.718		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 4AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3384-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	6,866.12	17,606.65	7,913.18	170.49	260.20	-115.03	-2,729.19	-7,054.47	1,994.75	1,630.89	363.86	5.482		
10,500.00	6,922.34	17,679.00	7,913.30	172.50	262.14	-114.01	-2,729.51	-7,126.82	1,954.29	1,582.56	371.72	5.257		
10,600.00	6,978.55	17,749.48	7,913.38	174.52	264.04	-112.97	-2,730.29	-7,197.29	1,915.13	1,535.41	379.72	5.044		
10,700.00	7,034.76	17,830.04	7,913.29	176.53	266.20	-111.75	-2,731.45	-7,277.85	1,877.06	1,489.14	387.93	4.839		
10,800.00	7,090.98	17,908.77	7,913.27	178.54	268.31	-110.52	-2,732.59	-7,356.57	1,840.04	1,443.84	396.21	4.644		
10,900.00	7,147.19	17,985.01	7,912.97	180.56	270.36	-109.28	-2,734.10	-7,432.79	1,804.34	1,399.76	404.58	4.460		
11,000.00	7,203.40	18,064.00	7,912.42	182.57	272.48	-107.95	-2,736.01	-7,511.76	1,770.00	1,356.94	413.06	4.285		
11,100.00	7,259.61	18,157.50	7,911.34	184.58	274.99	-106.31	-2,738.12	-7,605.23	1,736.63	1,314.91	421.71	4.118		
11,200.00	7,315.83	18,218.00	7,910.49	186.60	276.61	-105.22	-2,739.35	-7,665.71	1,704.47	1,274.44	430.03	3.964		
11,300.00	7,372.04	18,218.00	7,910.49	188.61	276.61	-105.22	-2,739.35	-7,665.71	1,676.56	1,239.55	437.02	3.836		
11,400.00	7,428.25	18,218.00	7,910.49	190.63	276.61	-105.22	-2,739.35	-7,665.71	1,654.24	1,211.46	442.78	3.736		
11,500.00	7,484.46	18,218.00	7,910.49	192.64	276.61	-105.22	-2,739.35	-7,665.71	1,637.74	1,190.57	447.16	3.663		
11,600.00	7,540.68	18,218.00	7,910.49	194.65	276.61	-105.22	-2,739.35	-7,665.71	1,627.22	1,177.21	450.01	3.616		
11,700.00	7,596.89	18,218.00	7,910.49	196.67	276.61	-105.22	-2,739.35	-7,665.71	1,622.81	1,171.56	451.25	3.596		
11,721.70	7,609.09	18,218.00	7,910.49	197.11	276.61	-105.22	-2,739.35	-7,665.71	1,622.66	1,171.37	451.29	3.596 CC, ES, SF		
11,800.00	7,653.10	18,218.00	7,910.49	198.68	276.61	-105.22	-2,739.35	-7,665.71	1,624.55	1,173.73	450.82	3.604		
11,900.00	7,708.64	18,218.00	7,910.49	200.71	276.61	-105.43	-2,739.35	-7,665.71	1,632.84	1,184.14	448.71	3.639		
12,000.00	7,753.02	18,218.00	7,910.49	202.96	276.61	-104.77	-2,739.35	-7,665.71	1,653.61	1,209.20	444.41	3.721		
12,100.00	7,781.64	18,218.00	7,910.49	205.41	276.61	-102.18	-2,739.35	-7,665.71	1,687.82	1,249.68	438.14	3.852		
12,200.00	7,793.64	18,218.00	7,910.49	207.95	276.61	-97.67	-2,739.35	-7,665.71	1,733.68	1,303.21	430.47	4.027		
12,300.00	7,794.00	18,218.00	7,910.49	210.49	276.61	-96.49	-2,739.35	-7,665.71	1,787.62	1,365.56	422.05	4.236		
12,400.00	7,794.00	18,218.00	7,910.49	213.04	276.61	-96.49	-2,739.35	-7,665.71	1,845.50	1,432.19	413.30	4.465		
12,500.00	7,794.00	18,218.00	7,910.49	215.58	276.61	-96.49	-2,739.35	-7,665.71	1,906.87	1,502.49	404.37	4.716		
12,600.00	7,794.00	18,218.00	7,910.49	218.14	276.61	-96.49	-2,739.35	-7,665.71	1,971.40	1,576.00	395.40	4.986		
12,700.00	7,794.00	18,218.00	7,910.49	220.69	276.61	-96.49	-2,739.35	-7,665.71	2,038.80	1,652.32	386.48	5.275		
12,800.00	7,794.00	18,218.00	7,910.49	223.25	276.61	-96.49	-2,739.35	-7,665.71	2,108.79	1,731.10	377.69	5.583		
12,900.00	7,794.00	18,218.00	7,910.49	225.81	276.61	-96.49	-2,739.35	-7,665.71	2,181.12	1,812.02	369.10	5.909		
13,000.00	7,794.00	18,218.00	7,910.49	228.37	276.61	-96.49	-2,739.35	-7,665.71	2,255.56	1,894.82	360.74	6.253		
13,100.00	7,794.00	18,218.00	7,910.49	230.94	276.61	-96.49	-2,739.35	-7,665.71	2,331.92	1,979.27	352.65	6.613		
13,200.00	7,794.00	18,218.00	7,910.49	233.51	276.61	-96.49	-2,739.35	-7,665.71	2,410.01	2,065.16	344.85	6.989		
13,300.00	7,794.00	18,218.00	7,910.49	236.08	276.61	-96.49	-2,739.35	-7,665.71	2,489.66	2,152.32	337.34	7.380		
13,400.00	7,794.00	18,218.00	7,910.49	238.66	276.61	-96.49	-2,739.35	-7,665.71	2,570.74	2,240.60	330.14	7.787		
13,500.00	7,794.00	18,218.00	7,910.49	241.24	276.61	-96.49	-2,739.35	-7,665.71	2,653.11	2,329.88	323.23	8.208		
13,600.00	7,794.00	18,218.00	7,910.49	243.82	276.61	-96.49	-2,739.35	-7,665.71	2,736.65	2,420.03	316.62	8.643		
13,700.00	7,794.00	18,218.00	7,910.49	246.40	276.61	-96.49	-2,739.35	-7,665.71	2,821.27	2,510.96	310.31	9.092		
13,800.00	7,794.00	18,218.00	7,910.49	248.99	276.61	-96.49	-2,739.35	-7,665.71	2,906.86	2,602.60	304.27	9.554		
13,900.00	7,794.00	18,218.00	7,910.49	251.58	276.61	-96.49	-2,739.35	-7,665.71	2,993.35	2,694.85	298.50	10.028		
14,000.00	7,794.00	18,218.00	7,910.49	254.17	276.61	-96.49	-2,739.35	-7,665.71	3,080.65	2,787.66	292.99	10.515		
14,100.00	7,794.00	18,218.00	7,910.49	256.76	276.61	-96.49	-2,739.35	-7,665.71	3,168.71	2,880.98	287.73	11.013		
14,200.00	7,794.00	18,218.00	7,910.49	259.36	276.61	-96.49	-2,739.35	-7,665.71	3,257.45	2,974.75	282.70	11.522		
14,300.00	7,794.00	18,218.00	7,910.49	261.95	276.61	-96.49	-2,739.35	-7,665.71	3,346.83	3,068.92	277.91	12.043		
14,400.00	7,794.00	18,218.00	7,910.49	264.55	276.61	-96.49	-2,739.35	-7,665.71	3,436.79	3,163.47	273.32	12.574		
14,500.00	7,794.00	18,218.00	7,910.49	267.15	276.61	-96.49	-2,739.35	-7,665.71	3,527.30	3,258.36	268.94	13.116		
14,600.00	7,794.00	18,218.00	7,910.49	269.76	276.61	-96.49	-2,739.35	-7,665.71	3,618.30	3,353.55	264.75	13.667		
14,700.00	7,794.00	18,218.00	7,910.49	272.36	276.61	-96.49	-2,739.35	-7,665.71	3,709.77	3,449.03	260.75	14.228		
14,800.00	7,794.00	18,218.00	7,910.49	274.97	276.61	-96.49	-2,739.35	-7,665.71	3,801.67	3,544.76	256.91	14.798		
14,900.00	7,794.00	18,218.00	7,910.49	277.58	276.61	-96.49	-2,739.35	-7,665.71	3,893.97	3,640.72	253.24	15.376		
15,000.00	7,794.00	18,218.00	7,910.49	280.19	276.61	-96.49	-2,739.35	-7,665.71	3,986.64	3,736.91	249.73	15.964		
15,100.00	7,794.00	18,218.00	7,910.49	282.80	276.61	-96.49	-2,739.35	-7,665.71	4,079.65	3,833.29	246.36	16.560		
15,200.00	7,794.00	18,218.00	7,910.49	285.41	276.61	-96.49	-2,739.35	-7,665.71	4,172.99	3,929.86	243.13	17.163		
15,300.00	7,794.00	18,218.00	7,910.49	288.03	276.61	-96.49	-2,739.35	-7,665.71	4,266.63	4,026.59	240.04	17.775		
15,400.00	7,794.00	18,218.00	7,910.49	290.64	276.61	-96.49	-2,739.35	-7,665.71	4,360.55	4,123.48	237.07	18.394		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3384-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,794.00	18,218.00	7,910.49	293.26	276.61	-96.49	-2,739.35	-7,665.71	4,454.74	4,220.52	234.22	19.020		
15,600.00	7,794.00	18,218.00	7,910.49	295.88	276.61	-96.49	-2,739.35	-7,665.71	4,549.17	4,317.70	231.48	19.653		
15,700.00	7,794.00	18,218.00	7,910.49	298.50	276.61	-96.49	-2,739.35	-7,665.71	4,643.84	4,415.00	228.84	20.293		
15,800.00	7,794.00	18,218.00	7,910.49	301.12	276.61	-96.49	-2,739.35	-7,665.71	4,738.73	4,512.42	226.31	20.939		
15,900.00	7,794.00	18,218.00	7,910.49	303.75	276.61	-96.49	-2,739.35	-7,665.71	4,833.82	4,609.95	223.87	21.592		
16,000.00	7,794.00	18,218.00	7,910.49	306.37	276.61	-96.49	-2,739.35	-7,665.71	4,929.11	4,707.58	221.53	22.250		
16,100.00	7,794.00	18,218.00	7,910.49	309.00	276.61	-96.49	-2,739.35	-7,665.71	5,024.58	4,805.31	219.27	22.915		
16,200.00	7,794.00	18,218.00	7,910.49	311.62	276.61	-96.49	-2,739.35	-7,665.71	5,120.22	4,903.13	217.10	23.585		
16,300.00	7,794.00	18,218.00	7,910.49	314.25	276.61	-96.49	-2,739.35	-7,665.71	5,216.03	5,001.03	215.00	24.260		
16,400.00	7,794.00	18,218.00	7,910.49	316.88	276.61	-96.49	-2,739.35	-7,665.71	5,311.99	5,099.01	212.98	24.941		
16,500.00	7,794.00	18,218.00	7,910.49	319.51	276.61	-96.49	-2,739.35	-7,665.71	5,408.10	5,197.07	211.03	25.627		
16,600.00	7,794.00	18,218.00	7,910.49	322.15	276.61	-96.49	-2,739.35	-7,665.71	5,504.35	5,295.20	209.15	26.318		
16,700.00	7,794.00	18,218.00	7,910.49	324.78	276.61	-96.49	-2,739.35	-7,665.71	5,600.72	5,393.39	207.33	27.013		
16,800.00	7,794.00	18,218.00	7,910.49	327.41	276.61	-96.49	-2,739.35	-7,665.71	5,697.23	5,491.65	205.58	27.713		
16,900.00	7,794.00	18,218.00	7,910.49	330.05	276.61	-96.49	-2,739.35	-7,665.71	5,793.85	5,589.97	203.88	28.418		
17,000.00	7,794.00	18,218.00	7,910.49	332.68	276.61	-96.49	-2,739.35	-7,665.71	5,890.58	5,688.34	202.24	29.127		
17,100.00	7,794.00	18,218.00	7,910.49	335.32	276.61	-96.49	-2,739.35	-7,665.71	5,987.43	5,786.77	200.65	29.839		
17,200.00	7,794.00	18,218.00	7,910.49	337.96	276.61	-96.49	-2,739.35	-7,665.71	6,084.37	5,885.25	199.12	30.556		
17,300.00	7,794.00	18,218.00	7,910.49	340.60	276.61	-96.49	-2,739.35	-7,665.71	6,181.41	5,983.77	197.64	31.277		
17,400.00	7,794.00	18,218.00	7,910.49	343.24	276.61	-96.49	-2,739.35	-7,665.71	6,278.54	6,082.35	196.20	32.001		
17,500.00	7,794.00	18,218.00	7,910.49	345.88	276.61	-96.49	-2,739.35	-7,665.71	6,375.77	6,180.96	194.81	32.729		
17,600.00	7,794.00	18,218.00	7,910.49	348.52	276.61	-96.49	-2,739.35	-7,665.71	6,473.07	6,279.62	193.46	33.460		
17,700.00	7,794.00	18,218.00	7,910.49	351.16	276.61	-96.49	-2,739.35	-7,665.71	6,570.46	6,378.31	192.15	34.194		
17,800.00	7,794.00	18,218.00	7,910.49	353.81	276.61	-96.49	-2,739.35	-7,665.71	6,667.93	6,477.05	190.88	34.932		
17,900.00	7,794.00	18,218.00	7,910.49	356.45	276.61	-96.49	-2,739.35	-7,665.71	6,765.47	6,575.81	189.65	35.673		
18,000.00	7,794.00	18,218.00	7,910.49	359.09	276.61	-96.49	-2,739.35	-7,665.71	6,863.08	6,674.62	188.46	36.416		
18,100.00	7,794.00	18,218.00	7,910.49	361.74	276.61	-96.49	-2,739.35	-7,665.71	6,960.76	6,773.45	187.30	37.163		
18,200.00	7,794.00	18,218.00	7,910.49	364.39	276.61	-96.49	-2,739.35	-7,665.71	7,058.50	6,872.32	186.18	37.912		
18,300.00	7,794.00	18,218.00	7,910.49	367.03	276.61	-96.49	-2,739.35	-7,665.71	7,156.30	6,971.21	185.09	38.664		
18,400.00	7,794.00	18,218.00	7,910.49	369.68	276.61	-96.49	-2,739.35	-7,665.71	7,254.17	7,070.14	184.03	39.418		
18,500.00	7,794.00	18,218.00	7,910.49	372.33	276.61	-96.49	-2,739.35	-7,665.71	7,352.09	7,169.09	183.00	40.175		
18,600.00	7,794.00	18,218.00	7,910.49	374.98	276.61	-96.49	-2,739.35	-7,665.71	7,450.07	7,268.07	182.00	40.934		
18,700.00	7,794.00	18,218.00	7,910.49	377.63	276.61	-96.49	-2,739.35	-7,665.71	7,548.10	7,367.07	181.03	41.695		
18,800.00	7,794.00	18,218.00	7,910.49	380.28	276.61	-96.49	-2,739.35	-7,665.71	7,646.18	7,466.10	180.09	42.459		
18,900.00	7,794.00	18,218.00	7,910.49	382.93	276.61	-96.49	-2,739.35	-7,665.71	7,744.31	7,565.15	179.17	43.224		
19,000.00	7,794.00	18,218.00	7,910.49	385.58	276.61	-96.49	-2,739.35	-7,665.71	7,842.49	7,664.22	178.27	43.992		
19,100.00	7,794.00	18,218.00	7,910.49	388.24	276.61	-96.49	-2,739.35	-7,665.71	7,940.72	7,763.31	177.40	44.761		
19,200.00	7,794.00	18,218.00	7,910.49	390.89	276.61	-96.49	-2,739.35	-7,665.71	8,038.98	7,862.43	176.56	45.532		
19,300.00	7,794.00	18,218.00	7,910.49	393.55	276.61	-96.49	-2,739.35	-7,665.71	8,137.29	7,961.56	175.73	46.305		
19,400.00	7,794.00	18,218.00	7,910.49	396.20	276.61	-96.49	-2,739.35	-7,665.71	8,235.64	8,060.71	174.93	47.080		
19,500.00	7,794.00	18,218.00	7,910.49	398.85	276.61	-96.49	-2,739.35	-7,665.71	8,334.03	8,159.88	174.15	47.856		
19,600.00	7,794.00	18,218.00	7,910.49	401.51	276.61	-96.49	-2,739.35	-7,665.71	8,432.46	8,259.07	173.39	48.633		
19,700.00	7,794.00	18,218.00	7,910.49	404.17	276.61	-96.49	-2,739.35	-7,665.71	8,530.92	8,358.28	172.65	49.412		
19,800.00	7,794.00	18,218.00	7,910.49	406.82	276.61	-96.49	-2,739.35	-7,665.71	8,629.42	8,457.50	171.92	50.193		
19,900.00	7,794.00	18,218.00	7,910.49	409.48	276.61	-96.49	-2,739.35	-7,665.71	8,727.96	8,556.74	171.22	50.975		
20,000.00	7,794.00	18,218.00	7,910.49	412.14	276.61	-96.49	-2,739.35	-7,665.71	8,826.52	8,655.99	170.53	51.758		
20,100.00	7,794.00	18,218.00	7,910.49	414.80	276.61	-96.49	-2,739.35	-7,665.71	8,925.12	8,755.26	169.87	52.542		
20,200.00	7,794.00	18,218.00	7,910.49	417.46	276.61	-96.49	-2,739.35	-7,665.71	9,023.75	8,854.54	169.21	53.328		
20,300.00	7,794.00	18,218.00	7,910.49	420.12	276.61	-96.49	-2,739.35	-7,665.71	9,122.41	8,953.83	168.58	54.114		
20,400.00	7,794.00	18,218.00	7,910.49	422.78	276.61	-96.49	-2,739.35	-7,665.71	9,221.10	9,053.14	167.96	54.902		
20,500.00	7,794.00	18,218.00	7,910.49	425.44	276.61	-96.49	-2,739.35	-7,665.71	9,319.82	9,152.46	167.35	55.690		
20,600.00	7,794.00	18,218.00	7,910.49	428.10	276.61	-96.49	-2,739.35	-7,665.71	9,418.56	9,251.80	166.76	56.479		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design		SEC 28-T3S-R65W - KING 3-65 28-29 4AH - OWB - FINAL SURVEY										Offset Site Error:	0.00 usft
Survey Program:		209-MWD OWSG, 3384-MWD OWSG										Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,700.00	7,794.00	18,218.00	7,910.49	430.76	276.61	-96.49	-2,739.35	-7,665.71	9,517.33	9,351.14	166.18	57.270	
20,800.00	7,794.00	18,218.00	7,910.49	433.42	276.61	-96.49	-2,739.35	-7,665.71	9,616.12	9,450.50	165.62	58.061	
20,900.00	7,794.00	18,218.00	7,910.49	436.08	276.61	-96.49	-2,739.35	-7,665.71	9,714.94	9,549.87	165.07	58.853	
21,000.00	7,794.00	18,218.00	7,910.49	438.74	276.61	-96.49	-2,739.35	-7,665.71	9,813.79	9,649.25	164.54	59.645	
21,100.00	7,794.00	18,218.00	7,910.49	441.41	276.61	-96.49	-2,739.35	-7,665.71	9,912.65	9,748.64	164.01	60.438	
21,200.00	7,794.00	18,218.00	7,910.49	444.07	276.61	-96.49	-2,739.35	-7,665.71	10,011.54	9,848.04	163.50	61.232	
21,300.00	7,794.00	18,218.00	7,910.49	446.74	276.61	-96.49	-2,739.35	-7,665.71	10,110.45	9,947.45	163.00	62.026	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													SEC 28-T3S-R65W - KING 3-65 28-29 4BH - OWB - FINAL SURVEY		Offset Site Error: 0.00 usft	
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error: 0.00 usft			
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
100.00	100.00	0.00	0.00	0.27	0.00	131.97	-1,947.66	2,165.38	2,912.85	2,912.58	0.27	N/A				
200.00	200.00	81.65	81.64	0.63	0.14	131.97	-1,948.24	2,166.13	2,914.18	2,913.42	0.76	3,818.133				
300.00	300.00	136.03	136.00	0.99	0.23	131.97	-1,949.29	2,167.48	2,917.31	2,916.10	1.21	2,415.846				
400.00	400.00	209.00	208.87	1.34	0.36	131.96	-1,951.51	2,170.34	2,922.11	2,920.43	1.68	1,738.742				
500.00	500.00	251.53	251.32	1.70	0.51	131.96	-1,953.18	2,172.51	2,928.17	2,925.97	2.19	1,335.020				
600.00	599.98	300.00	299.66	2.05	0.69	-129.35	-1,955.30	2,175.31	2,936.72	2,934.00	2.72	1,079.961				
700.00	699.84	346.38	345.85	2.40	0.87	-129.19	-1,957.93	2,178.55	2,949.24	2,946.00	3.24	910.598				
800.00	799.45	390.00	389.18	2.76	1.05	-128.99	-1,961.30	2,182.29	2,966.09	2,962.34	3.75	790.428				
900.00	898.70	426.71	425.55	3.13	1.20	-128.72	-1,964.81	2,185.79	2,987.00	2,982.75	4.25	702.544				
1,000.00	997.47	480.00	478.21	3.53	1.43	-128.43	-1,971.02	2,191.09	3,011.79	3,006.98	4.82	624.975				
1,100.00	1,095.62	528.38	525.88	3.95	1.65	-128.08	-1,977.72	2,195.92	3,040.13	3,034.75	5.39	564.463				
1,200.00	1,193.06	590.71	587.13	4.41	1.94	-127.70	-1,987.64	2,201.86	3,071.69	3,065.67	6.02	510.073				
1,300.00	1,289.64	667.00	661.93	4.91	2.30	-127.34	-2,000.77	2,209.06	3,106.08	3,099.34	6.74	460.897				
1,400.00	1,385.27	730.43	724.03	5.45	2.61	-126.91	-2,012.05	2,215.33	3,143.16	3,135.73	7.43	422.824				
1,500.00	1,479.82	802.04	794.06	6.04	2.97	-126.50	-2,024.95	2,222.94	3,182.94	3,174.75	8.19	388.538				
1,600.00	1,573.17	1,023.52	1,011.21	6.69	4.04	-126.72	-2,064.06	2,241.63	3,222.93	3,213.29	9.63	334.520				
1,700.00	1,665.21	1,091.00	1,077.59	7.39	4.36	-126.31	-2,075.23	2,246.45	3,263.52	3,253.07	10.45	312.332				
1,800.00	1,755.84	1,141.00	1,126.70	8.16	4.60	-125.79	-2,083.84	2,250.23	3,306.88	3,295.66	11.22	294.779				
1,900.00	1,844.94	1,215.98	1,200.23	9.00	4.97	-125.36	-2,097.24	2,256.17	3,352.81	3,340.67	12.14	276.227				
2,000.00	1,932.39	1,273.65	1,256.70	9.91	5.25	-124.81	-2,107.85	2,261.01	3,401.31	3,388.30	13.01	261.374				
2,100.00	2,018.11	1,331.00	1,312.81	10.89	5.54	-124.22	-2,118.50	2,266.35	3,452.44	3,438.52	13.92	247.996				
2,200.00	2,101.97	1,501.14	1,479.72	11.94	6.37	-124.44	-2,148.20	2,280.56	3,504.03	3,488.62	15.41	227.318				
2,300.00	2,183.88	1,570.98	1,548.36	13.08	6.71	-123.94	-2,159.97	2,285.97	3,557.30	3,540.84	16.46	216.114				
2,400.00	2,263.74	1,615.00	1,591.59	14.28	6.92	-123.18	-2,167.40	2,289.54	3,612.86	3,595.45	17.41	207.508				
2,500.00	2,341.45	1,678.44	1,653.86	15.57	7.23	-122.55	-2,178.29	2,294.96	3,670.71	3,652.22	18.49	198.520				
2,600.00	2,416.92	1,710.00	1,684.79	16.93	7.38	-121.56	-2,183.85	2,297.81	3,731.02	3,711.58	19.43	192.000				
2,700.00	2,490.05	1,759.24	1,732.97	18.37	7.63	-120.67	-2,192.95	2,302.40	3,793.64	3,773.14	20.50	185.079				
2,800.00	2,560.76	1,805.00	1,777.60	19.88	7.87	-119.67	-2,202.03	2,306.78	3,858.63	3,837.06	21.57	178.903				
2,900.00	2,628.95	1,885.63	1,856.30	21.48	8.28	-119.00	-2,217.99	2,314.08	3,925.06	3,902.19	22.87	171.641				
3,000.00	2,694.55	1,952.56	1,921.69	23.15	8.63	-118.14	-2,231.00	2,319.93	3,992.92	3,968.81	24.11	165.591				
3,100.00	2,757.48	1,994.00	1,962.12	24.89	8.84	-116.91	-2,239.24	2,323.72	4,062.80	4,037.57	25.23	161.045				
3,200.00	2,817.66	2,021.98	1,989.39	26.70	8.99	-115.42	-2,244.88	2,326.38	4,134.53	4,108.25	26.27	157.360				
3,300.00	2,875.03	2,053.40	2,020.01	28.58	9.15	-114.08	-2,251.25	2,329.51	4,208.02	4,180.67	27.35	153.846				
3,400.00	2,931.24	2,278.00	2,239.92	30.50	10.28	-117.10	-2,292.35	2,348.87	4,280.68	4,251.06	29.62	144.536				
3,500.00	2,987.46	2,310.35	2,271.70	32.43	10.43	-117.52	-2,297.83	2,351.36	4,353.70	4,323.01	30.69	141.858				
3,600.00	3,043.67	2,339.79	2,300.63	34.37	10.57	-117.90	-2,302.75	2,353.83	4,427.44	4,395.72	31.73	139.546				
3,700.00	3,099.88	2,372.00	2,332.26	36.32	10.73	-118.31	-2,308.07	2,356.75	4,501.87	4,469.11	32.76	137.411				
3,800.00	3,156.09	2,408.35	2,367.96	38.27	10.90	-118.77	-2,313.95	2,360.26	4,576.91	4,543.11	33.80	135.411				
3,900.00	3,212.31	2,448.99	2,407.89	40.23	11.10	-119.29	-2,320.32	2,364.36	4,652.46	4,617.61	34.85	133.515				
4,000.00	3,268.52	2,488.75	2,446.96	42.20	11.29	-119.78	-2,326.38	2,368.55	4,728.50	4,692.63	35.87	131.835				
4,100.00	3,324.73	2,528.01	2,485.53	44.17	11.48	-120.27	-2,332.34	2,372.78	4,805.02	4,768.15	36.87	130.336				
4,200.00	3,380.94	2,560.00	2,516.96	46.15	11.63	-120.66	-2,337.21	2,376.28	4,882.01	4,844.21	37.80	129.146				
4,300.00	3,437.16	2,601.94	2,558.14	48.12	11.84	-121.16	-2,343.58	2,380.97	4,959.45	4,920.67	38.78	127.871				
4,400.00	3,493.37	2,637.06	2,592.62	50.11	12.01	-121.58	-2,348.89	2,385.02	5,037.36	4,997.66	39.71	126.864				
4,500.00	3,549.58	2,674.00	2,628.88	52.09	12.18	-122.02	-2,354.45	2,389.39	5,115.71	5,075.09	40.62	125.930				
4,600.00	3,605.79	2,712.79	2,666.96	54.08	12.37	-122.47	-2,360.16	2,394.11	5,194.45	5,152.92	41.54	125.061				
4,700.00	3,662.01	12,979.00	7,957.15	56.07	134.97	-139.50	-3,265.86	-2,358.65	5,226.86	5,112.01	114.85	45.511				
4,800.00	3,718.22	13,042.49	7,957.77	58.06	136.65	-139.31	-3,265.51	-2,422.13	5,173.79	5,056.14	117.65	43.976				
4,900.00	3,774.43	13,074.00	7,958.22	60.05	137.49	-139.21	-3,265.57	-2,453.64	5,121.51	5,001.42	120.10	42.645				
5,000.00	3,830.65	13,133.09	7,959.34	62.04	139.06	-139.01	-3,266.05	-2,512.71	5,069.86	4,946.94	122.92	41.245				
5,100.00	3,886.86	13,319.13	7,961.97	64.04	144.00	-138.41	-3,265.60	-2,698.72	5,016.97	4,889.65	127.32	39.405				
5,200.00	3,943.07	13,358.00	7,962.50	66.03	145.03	-138.28	-3,265.45	-2,737.58	4,964.51	4,834.54	129.97	38.197				

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

Civitas Resources
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 4BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,300.00	3,999.28	13,416.25	7,963.67	68.03	146.58	-138.08	-3,265.41	-2,795.82	4,912.72	4,779.82	132.89	36.968		
5,400.00	4,055.50	13,610.35	7,965.01	70.03	151.74	-137.40	-3,264.51	-2,989.89	4,859.55	4,722.07	137.48	35.348		
5,500.00	4,111.71	13,676.43	7,964.55	72.03	153.50	-137.14	-3,264.90	-3,055.97	4,806.45	4,665.84	140.62	34.181		
5,600.00	4,167.92	13,801.12	7,963.64	74.03	156.82	-136.65	-3,265.19	-3,180.65	4,753.37	4,608.87	144.50	32.895		
5,700.00	4,224.13	13,878.38	7,963.74	76.03	158.88	-136.37	-3,263.42	-3,257.89	4,699.68	4,551.89	147.80	31.798		
5,800.00	4,280.35	13,938.67	7,964.24	78.03	160.48	-136.15	-3,262.05	-3,318.17	4,646.54	4,495.60	150.94	30.783		
5,900.00	4,336.56	14,041.82	7,965.38	80.04	163.23	-135.77	-3,258.99	-3,421.27	4,593.34	4,438.77	154.57	29.717		
6,000.00	4,392.77	14,103.34	7,966.15	82.04	164.87	-135.54	-3,257.15	-3,482.75	4,540.34	4,382.54	157.80	28.773		
6,100.00	4,448.98	14,178.11	7,967.02	84.04	166.87	-135.25	-3,255.44	-3,557.49	4,487.73	4,326.50	161.23	27.834		
6,200.00	4,505.20	14,238.17	7,967.46	86.05	168.47	-135.01	-3,254.57	-3,617.55	4,435.40	4,270.83	164.58	26.950		
6,300.00	4,561.41	14,285.24	7,968.01	88.05	169.72	-134.81	-3,254.21	-3,664.61	4,383.80	4,215.97	167.83	26.120		
6,400.00	4,617.62	14,340.33	7,968.90	90.06	171.20	-134.57	-3,254.17	-3,719.70	4,332.95	4,161.73	171.23	25.305		
6,500.00	4,673.83	14,402.03	7,969.87	92.07	172.84	-134.30	-3,254.67	-3,781.38	4,282.68	4,107.91	174.77	24.505		
6,600.00	4,730.05	14,508.80	7,971.02	94.07	175.69	-133.80	-3,255.94	-3,888.14	4,232.41	4,053.49	178.93	23.654		
6,700.00	4,786.26	14,570.13	7,971.57	96.08	177.33	-133.51	-3,256.87	-3,949.46	4,182.39	3,999.78	182.60	22.904		
6,800.00	4,842.47	14,631.72	7,972.20	98.09	178.97	-133.20	-3,258.20	-4,011.03	4,132.95	3,946.60	186.35	22.178		
6,900.00	4,898.68	14,697.84	7,972.83	100.09	180.74	-132.87	-3,260.21	-4,077.12	4,084.10	3,893.87	190.23	21.469		
7,000.00	4,954.90	14,914.80	7,974.89	102.10	186.53	-131.76	-3,262.25	-4,294.03	4,034.53	3,838.62	195.91	20.594		
7,100.00	5,011.11	15,112.22	7,974.35	104.11	191.81	-130.76	-3,257.52	-4,491.37	3,982.59	3,781.51	201.09	19.806		
7,200.00	5,067.32	15,184.99	7,973.59	106.12	193.75	-130.38	-3,254.65	-4,564.07	3,929.34	3,724.22	205.12	19.156		
7,300.00	5,123.53	15,250.00	7,972.98	108.13	195.49	-130.03	-3,252.45	-4,629.04	3,876.61	3,667.44	209.18	18.533		
7,400.00	5,179.75	15,332.10	7,972.05	110.14	197.69	-129.57	-3,250.08	-4,711.10	3,824.23	3,610.76	213.47	17.915		
7,500.00	5,235.96	15,373.19	7,971.57	112.15	198.79	-129.34	-3,249.07	-4,752.18	3,772.32	3,554.85	217.47	17.347		
7,600.00	5,292.17	15,406.85	7,971.65	114.16	199.69	-129.15	-3,248.40	-4,785.83	3,721.63	3,500.19	221.44	16.806		
7,700.00	5,348.38	15,449.74	7,972.38	116.17	200.84	-128.91	-3,247.74	-4,828.71	3,672.20	3,446.66	225.54	16.282		
7,800.00	5,404.60	15,626.65	7,974.98	118.18	205.57	-127.91	-3,241.76	-5,005.48	3,621.46	3,390.63	230.83	15.689		
7,900.00	5,460.81	15,690.22	7,976.03	120.19	207.28	-127.56	-3,238.51	-5,068.96	3,570.55	3,335.35	235.20	15.181		
8,000.00	5,517.02	15,724.00	7,977.00	122.20	208.18	-127.37	-3,236.92	-5,102.69	3,520.82	3,281.41	239.41	14.706		
8,100.00	5,573.24	15,772.29	7,978.47	124.21	209.47	-127.09	-3,235.37	-5,150.93	3,472.24	3,228.43	243.81	14.242		
8,200.00	5,629.45	15,819.00	7,979.66	126.22	210.72	-126.79	-3,235.13	-5,197.63	3,424.99	3,176.67	248.32	13.793		
8,300.00	5,685.66	15,865.77	7,980.86	128.23	211.97	-126.48	-3,235.57	-5,244.37	3,378.89	3,125.97	252.92	13.360		
8,400.00	5,741.87	15,931.24	7,982.98	130.24	213.73	-126.05	-3,236.38	-5,309.81	3,333.69	3,075.90	257.79	12.932		
8,500.00	5,798.09	16,023.36	7,986.22	132.25	216.19	-125.43	-3,237.30	-5,401.87	3,288.83	3,025.80	263.03	12.503		
8,600.00	5,854.30	16,110.02	7,988.76	134.26	218.51	-124.82	-3,238.47	-5,488.48	3,244.13	2,975.80	268.34	12.090		
8,700.00	5,910.51	16,195.75	7,990.42	136.28	220.81	-124.19	-3,240.28	-5,574.17	3,199.69	2,925.91	273.79	11.687		
8,800.00	5,966.72	16,270.84	7,991.55	138.29	222.82	-123.61	-3,242.24	-5,649.23	3,155.68	2,876.45	279.23	11.301		
8,900.00	6,022.94	16,346.27	7,992.76	140.30	224.84	-123.01	-3,244.40	-5,724.62	3,112.26	2,827.49	284.77	10.929		
9,000.00	6,079.15	16,483.05	7,994.46	142.31	228.50	-121.90	-3,247.93	-5,861.35	3,069.03	2,777.85	291.18	10.540		
9,100.00	6,135.36	16,551.27	7,994.49	144.32	230.32	-121.32	-3,249.56	-5,929.54	3,025.30	2,728.43	296.87	10.191		
9,200.00	6,191.57	16,727.71	7,992.52	146.34	235.05	-119.75	-3,251.68	-6,105.94	2,980.44	2,676.53	303.91	9.807		
9,300.00	6,247.79	16,788.52	7,991.09	148.35	236.68	-119.18	-3,252.07	-6,166.73	2,935.37	2,625.58	309.80	9.475		
9,400.00	6,304.00	16,834.43	7,990.69	150.36	237.91	-118.75	-3,252.52	-6,212.63	2,891.70	2,576.13	315.57	9.163		
9,500.00	6,360.21	16,906.18	7,991.19	152.37	239.84	-118.09	-3,253.29	-6,284.39	2,849.35	2,527.70	321.65	8.859		
9,600.00	6,416.42	17,047.58	7,992.28	154.39	243.63	-116.76	-3,253.19	-6,425.78	2,806.94	2,478.52	328.42	8.547		
9,700.00	6,472.64	17,100.50	7,992.90	156.40	245.05	-116.26	-3,252.54	-6,478.69	2,764.30	2,429.84	334.47	8.265		
9,800.00	6,528.85	17,157.51	7,994.29	158.41	246.58	-115.72	-3,252.04	-6,535.67	2,723.01	2,382.43	340.58	7.995		
9,900.00	6,585.06	17,220.65	7,996.15	160.42	248.27	-115.12	-3,251.87	-6,598.79	2,682.92	2,336.11	346.82	7.736		
10,000.00	6,641.27	17,291.12	7,998.35	162.44	250.16	-114.43	-3,252.17	-6,669.22	2,643.92	2,290.72	353.20	7.486		
10,100.00	6,697.49	17,367.04	8,000.65	164.45	252.20	-113.66	-3,252.87	-6,745.10	2,605.83	2,246.10	359.74	7.244		
10,200.00	6,753.70	17,514.02	8,004.37	166.46	256.14	-112.12	-3,253.69	-6,892.03	2,568.21	2,201.21	367.00	6.998		
10,300.00	6,809.91	17,591.16	8,005.57	168.48	258.21	-111.28	-3,252.99	-6,969.16	2,529.45	2,155.71	373.73	6.768		
10,400.00	6,866.12	17,680.32	8,006.42	170.49	260.61	-110.27	-3,252.63	-7,058.32	2,491.49	2,110.82	380.67	6.545		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design SEC 28-T3S-R65W - KING 3-65 28-29 4BH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,500.00	6,922.34	17,777.56	8,006.89	172.50	263.22	-109.14	-3,251.90	-7,155.55	2,453.82	2,066.08	387.74	6.328		
10,600.00	6,978.55	17,853.93	8,006.91	174.52	265.27	-108.22	-3,251.22	-7,231.91	2,416.67	2,021.93	394.74	6.122		
10,700.00	7,034.76	17,919.92	8,006.69	176.53	267.04	-107.40	-3,251.13	-7,297.91	2,380.76	1,979.02	401.74	5.926		
10,800.00	7,090.98	17,992.00	8,007.65	178.54	268.98	-106.51	-3,251.17	-7,369.98	2,346.39	1,937.66	408.73	5.741		
10,900.00	7,147.19	18,059.22	8,009.32	180.56	270.78	-105.68	-3,251.25	-7,437.17	2,313.32	1,897.66	415.65	5.565		
11,000.00	7,203.40	18,187.63	8,011.70	182.57	274.23	-104.04	-3,250.78	-7,565.57	2,280.69	1,857.65	423.04	5.391		
11,100.00	7,259.61	18,266.36	8,012.52	184.58	276.35	-103.00	-3,249.85	-7,644.28	2,248.00	1,817.90	430.10	5.227		
11,200.00	7,315.83	18,292.00	8,012.79	186.60	277.03	-102.66	-3,249.54	-7,669.92	2,217.02	1,780.28	436.74	5.076		
11,300.00	7,372.04	18,292.00	8,012.79	188.61	277.03	-102.66	-3,249.54	-7,669.92	2,190.02	1,747.37	442.65	4.948		
11,400.00	7,428.25	18,292.00	8,012.79	190.63	277.03	-102.66	-3,249.54	-7,669.92	2,167.30	1,719.46	447.84	4.839		
11,500.00	7,484.46	18,292.00	8,012.79	192.64	277.03	-102.66	-3,249.54	-7,669.92	2,149.00	1,696.76	452.23	4.752		
11,600.00	7,540.68	18,292.00	8,012.79	194.65	277.03	-102.66	-3,249.54	-7,669.92	2,135.22	1,679.46	455.77	4.685		
11,700.00	7,596.89	18,292.00	8,012.79	196.67	277.03	-102.66	-3,249.54	-7,669.92	2,126.07	1,667.70	458.37	4.638		
11,800.00	7,653.10	18,292.00	8,012.79	198.68	277.03	-102.66	-3,249.54	-7,669.92	2,121.60	1,661.59	460.01	4.612		
11,829.39	7,669.44	18,292.00	8,012.79	199.28	277.03	-102.82	-3,249.54	-7,669.92	2,121.29	1,660.99	460.30	4.608 CC, ES		
11,900.00	7,708.64	18,292.00	8,012.79	200.71	277.03	-103.08	-3,249.54	-7,669.92	2,122.22	1,661.58	460.64	4.607 SF		
12,000.00	7,753.02	18,292.00	8,012.79	202.96	277.03	-103.26	-3,249.54	-7,669.92	2,133.64	1,673.75	459.89	4.639		
12,100.00	7,781.64	18,292.00	8,012.79	205.41	277.03	-101.74	-3,249.54	-7,669.92	2,157.26	1,699.55	457.71	4.713		
12,200.00	7,793.64	18,292.00	8,012.79	207.95	277.03	-98.58	-3,249.54	-7,669.92	2,191.99	1,737.71	454.28	4.825		
12,300.00	7,794.00	18,292.00	8,012.79	210.49	277.03	-97.73	-3,249.54	-7,669.92	2,234.68	1,784.72	449.96	4.966		
12,400.00	7,794.00	18,292.00	8,012.79	213.04	277.03	-97.73	-3,249.54	-7,669.92	2,281.08	1,835.96	445.12	5.125		
12,500.00	7,794.00	18,292.00	8,012.79	215.58	277.03	-97.73	-3,249.54	-7,669.92	2,330.85	1,890.99	439.87	5.299		
12,600.00	7,794.00	18,292.00	8,012.79	218.14	277.03	-97.73	-3,249.54	-7,669.92	2,383.78	1,949.51	434.28	5.489		
12,700.00	7,794.00	18,292.00	8,012.79	220.69	277.03	-97.73	-3,249.54	-7,669.92	2,439.66	2,011.23	428.43	5.694		
12,800.00	7,794.00	18,292.00	8,012.79	223.25	277.03	-97.73	-3,249.54	-7,669.92	2,498.30	2,075.89	422.40	5.914		
12,900.00	7,794.00	18,292.00	8,012.79	225.81	277.03	-97.73	-3,249.54	-7,669.92	2,559.50	2,143.24	416.25	6.149		
13,000.00	7,794.00	18,292.00	8,012.79	228.37	277.03	-97.73	-3,249.54	-7,669.92	2,623.08	2,213.05	410.04	6.397		
13,100.00	7,794.00	18,292.00	8,012.79	230.94	277.03	-97.73	-3,249.54	-7,669.92	2,688.88	2,285.08	403.80	6.659		
13,200.00	7,794.00	18,292.00	8,012.79	233.51	277.03	-97.73	-3,249.54	-7,669.92	2,756.74	2,359.16	397.58	6.934		
13,300.00	7,794.00	18,292.00	8,012.79	236.08	277.03	-97.73	-3,249.54	-7,669.92	2,826.51	2,435.10	391.41	7.221		
13,400.00	7,794.00	18,292.00	8,012.79	238.66	277.03	-97.73	-3,249.54	-7,669.92	2,898.05	2,512.74	385.31	7.521		
13,500.00	7,794.00	18,292.00	8,012.79	241.24	277.03	-97.73	-3,249.54	-7,669.92	2,971.23	2,591.92	379.32	7.833		
13,600.00	7,794.00	18,292.00	8,012.79	243.82	277.03	-97.73	-3,249.54	-7,669.92	3,045.94	2,672.51	373.44	8.157		
13,700.00	7,794.00	18,292.00	8,012.79	246.40	277.03	-97.73	-3,249.54	-7,669.92	3,122.06	2,754.38	367.68	8.491		
13,800.00	7,794.00	18,292.00	8,012.79	248.99	277.03	-97.73	-3,249.54	-7,669.92	3,199.50	2,837.44	362.07	8.837		
13,900.00	7,794.00	18,292.00	8,012.79	251.58	277.03	-97.73	-3,249.54	-7,669.92	3,278.16	2,921.57	356.59	9.193		
14,000.00	7,794.00	18,292.00	8,012.79	254.17	277.03	-97.73	-3,249.54	-7,669.92	3,357.96	3,006.69	351.27	9.559		
14,100.00	7,794.00	18,292.00	8,012.79	256.76	277.03	-97.73	-3,249.54	-7,669.92	3,438.81	3,092.71	346.10	9.936		
14,200.00	7,794.00	18,292.00	8,012.79	259.36	277.03	-97.73	-3,249.54	-7,669.92	3,520.65	3,179.56	341.08	10.322		
14,300.00	7,794.00	18,292.00	8,012.79	261.95	277.03	-97.73	-3,249.54	-7,669.92	3,603.40	3,267.18	336.22	10.717		
14,400.00	7,794.00	18,292.00	8,012.79	264.55	277.03	-97.73	-3,249.54	-7,669.92	3,687.01	3,355.50	331.50	11.122		
14,500.00	7,794.00	18,292.00	8,012.79	267.15	277.03	-97.73	-3,249.54	-7,669.92	3,771.41	3,444.48	326.94	11.536		
14,600.00	7,794.00	18,292.00	8,012.79	269.76	277.03	-97.73	-3,249.54	-7,669.92	3,856.57	3,534.05	322.52	11.958		
14,700.00	7,794.00	18,292.00	8,012.79	272.36	277.03	-97.73	-3,249.54	-7,669.92	3,942.41	3,624.17	318.24	12.388		
14,800.00	7,794.00	18,292.00	8,012.79	274.97	277.03	-97.73	-3,249.54	-7,669.92	4,028.92	3,714.81	314.11	12.827		
14,900.00	7,794.00	18,292.00	8,012.79	277.58	277.03	-97.73	-3,249.54	-7,669.92	4,116.03	3,805.92	310.10	13.273		
15,000.00	7,794.00	18,292.00	8,012.79	280.19	277.03	-97.73	-3,249.54	-7,669.92	4,203.72	3,897.48	306.24	13.727		
15,100.00	7,794.00	18,292.00	8,012.79	282.80	277.03	-97.73	-3,249.54	-7,669.92	4,291.94	3,989.45	302.49	14.189		
15,200.00	7,794.00	18,292.00	8,012.79	285.41	277.03	-97.73	-3,249.54	-7,669.92	4,380.67	4,081.80	298.88	14.657		
15,300.00	7,794.00	18,292.00	8,012.79	288.03	277.03	-97.73	-3,249.54	-7,669.92	4,469.88	4,174.50	295.38	15.133		
15,400.00	7,794.00	18,292.00	8,012.79	290.64	277.03	-97.73	-3,249.54	-7,669.92	4,559.54	4,267.54	291.99	15.615		
15,500.00	7,794.00	18,292.00	8,012.79	293.26	277.03	-97.73	-3,249.54	-7,669.92	4,649.61	4,360.89	288.72	16.104		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 209-MWD OWSG, 3481-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,794.00	18,292.00	8,012.79	295.88	277.03	-97.73	-3,249.54	-7,669.92	4,740.09	4,454.54	285.55	16.600		
15,700.00	7,794.00	18,292.00	8,012.79	298.50	277.03	-97.73	-3,249.54	-7,669.92	4,830.94	4,548.45	282.49	17.101		
15,800.00	7,794.00	18,292.00	8,012.79	301.12	277.03	-97.73	-3,249.54	-7,669.92	4,922.14	4,642.62	279.52	17.609		
15,900.00	7,794.00	18,292.00	8,012.79	303.75	277.03	-97.73	-3,249.54	-7,669.92	5,013.68	4,737.03	276.65	18.123		
16,000.00	7,794.00	18,292.00	8,012.79	306.37	277.03	-97.73	-3,249.54	-7,669.92	5,105.54	4,831.67	273.87	18.642		
16,100.00	7,794.00	18,292.00	8,012.79	309.00	277.03	-97.73	-3,249.54	-7,669.92	5,197.70	4,926.52	271.18	19.167		
16,200.00	7,794.00	18,292.00	8,012.79	311.62	277.03	-97.73	-3,249.54	-7,669.92	5,290.15	5,021.57	268.58	19.697		
16,300.00	7,794.00	18,292.00	8,012.79	314.25	277.03	-97.73	-3,249.54	-7,669.92	5,382.86	5,116.81	266.05	20.232		
16,400.00	7,794.00	18,292.00	8,012.79	316.88	277.03	-97.73	-3,249.54	-7,669.92	5,475.83	5,212.23	263.60	20.773		
16,500.00	7,794.00	18,292.00	8,012.79	319.51	277.03	-97.73	-3,249.54	-7,669.92	5,569.04	5,307.81	261.23	21.318		
16,600.00	7,794.00	18,292.00	8,012.79	322.15	277.03	-97.73	-3,249.54	-7,669.92	5,662.49	5,403.56	258.93	21.869		
16,700.00	7,794.00	18,292.00	8,012.79	324.78	277.03	-97.73	-3,249.54	-7,669.92	5,756.15	5,499.45	256.70	22.423		
16,800.00	7,794.00	18,292.00	8,012.79	327.41	277.03	-97.73	-3,249.54	-7,669.92	5,850.03	5,595.49	254.54	22.983		
16,900.00	7,794.00	18,292.00	8,012.79	330.05	277.03	-97.73	-3,249.54	-7,669.92	5,944.10	5,691.66	252.44	23.547		
17,000.00	7,794.00	18,292.00	8,012.79	332.68	277.03	-97.73	-3,249.54	-7,669.92	6,038.37	5,787.97	250.40	24.115		
17,100.00	7,794.00	18,292.00	8,012.79	335.32	277.03	-97.73	-3,249.54	-7,669.92	6,132.82	5,884.39	248.42	24.687		
17,200.00	7,794.00	18,292.00	8,012.79	337.96	277.03	-97.73	-3,249.54	-7,669.92	6,227.44	5,980.93	246.50	25.263		
17,300.00	7,794.00	18,292.00	8,012.79	340.60	277.03	-97.73	-3,249.54	-7,669.92	6,322.22	6,077.58	244.64	25.843		
17,400.00	7,794.00	18,292.00	8,012.79	343.24	277.03	-97.73	-3,249.54	-7,669.92	6,417.17	6,174.34	242.83	26.427		
17,500.00	7,794.00	18,292.00	8,012.79	345.88	277.03	-97.73	-3,249.54	-7,669.92	6,512.26	6,271.20	241.07	27.015		
17,600.00	7,794.00	18,292.00	8,012.79	348.52	277.03	-97.73	-3,249.54	-7,669.92	6,607.50	6,368.15	239.35	27.606		
17,700.00	7,794.00	18,292.00	8,012.79	351.16	277.03	-97.73	-3,249.54	-7,669.92	6,702.88	6,465.20	237.69	28.200		
17,800.00	7,794.00	18,292.00	8,012.79	353.81	277.03	-97.73	-3,249.54	-7,669.92	6,798.40	6,562.33	236.07	28.798		
17,900.00	7,794.00	18,292.00	8,012.79	356.45	277.03	-97.73	-3,249.54	-7,669.92	6,894.03	6,659.54	234.49	29.400		
18,000.00	7,794.00	18,292.00	8,012.79	359.09	277.03	-97.73	-3,249.54	-7,669.92	6,989.80	6,756.83	232.96	30.004		
18,100.00	7,794.00	18,292.00	8,012.79	361.74	277.03	-97.73	-3,249.54	-7,669.92	7,085.67	6,854.20	231.47	30.612		
18,200.00	7,794.00	18,292.00	8,012.79	364.39	277.03	-97.73	-3,249.54	-7,669.92	7,181.67	6,951.65	230.02	31.222		
18,300.00	7,794.00	18,292.00	8,012.79	367.03	277.03	-97.73	-3,249.54	-7,669.92	7,277.76	7,049.16	228.60	31.836		
18,400.00	7,794.00	18,292.00	8,012.79	369.68	277.03	-97.73	-3,249.54	-7,669.92	7,373.97	7,146.74	227.23	32.452		
18,500.00	7,794.00	18,292.00	8,012.79	372.33	277.03	-97.73	-3,249.54	-7,669.92	7,470.27	7,244.38	225.89	33.071		
18,600.00	7,794.00	18,292.00	8,012.79	374.98	277.03	-97.73	-3,249.54	-7,669.92	7,566.67	7,342.09	224.58	33.693		
18,700.00	7,794.00	18,292.00	8,012.79	377.63	277.03	-97.73	-3,249.54	-7,669.92	7,663.16	7,439.85	223.31	34.317		
18,800.00	7,794.00	18,292.00	8,012.79	380.28	277.03	-97.73	-3,249.54	-7,669.92	7,759.74	7,537.67	222.07	34.944		
18,900.00	7,794.00	18,292.00	8,012.79	382.93	277.03	-97.73	-3,249.54	-7,669.92	7,856.40	7,635.55	220.85	35.573		
19,000.00	7,794.00	18,292.00	8,012.79	385.58	277.03	-97.73	-3,249.54	-7,669.92	7,953.15	7,733.48	219.67	36.204		
19,100.00	7,794.00	18,292.00	8,012.79	388.24	277.03	-97.73	-3,249.54	-7,669.92	8,049.98	7,831.45	218.52	36.838		
19,200.00	7,794.00	18,292.00	8,012.79	390.89	277.03	-97.73	-3,249.54	-7,669.92	8,146.88	7,929.48	217.40	37.474		
19,300.00	7,794.00	18,292.00	8,012.79	393.55	277.03	-97.73	-3,249.54	-7,669.92	8,243.86	8,027.55	216.30	38.112		
19,400.00	7,794.00	18,292.00	8,012.79	396.20	277.03	-97.73	-3,249.54	-7,669.92	8,340.91	8,125.67	215.23	38.753		
19,500.00	7,794.00	18,292.00	8,012.79	398.85	277.03	-97.73	-3,249.54	-7,669.92	8,438.02	8,223.83	214.19	39.395		
19,600.00	7,794.00	18,292.00	8,012.79	401.51	277.03	-97.73	-3,249.54	-7,669.92	8,535.21	8,322.04	213.17	40.039		
19,700.00	7,794.00	18,292.00	8,012.79	404.17	277.03	-97.73	-3,249.54	-7,669.92	8,632.46	8,420.28	212.18	40.685		
19,800.00	7,794.00	18,292.00	8,012.79	406.82	277.03	-97.73	-3,249.54	-7,669.92	8,729.77	8,518.56	211.20	41.333		
19,900.00	7,794.00	18,292.00	8,012.79	409.48	277.03	-97.73	-3,249.54	-7,669.92	8,827.14	8,616.89	210.25	41.983		
20,000.00	7,794.00	18,292.00	8,012.79	412.14	277.03	-97.73	-3,249.54	-7,669.92	8,924.57	8,715.24	209.33	42.635		
20,100.00	7,794.00	18,292.00	8,012.79	414.80	277.03	-97.73	-3,249.54	-7,669.92	9,022.05	8,813.63	208.42	43.288		
20,200.00	7,794.00	18,292.00	8,012.79	417.46	277.03	-97.73	-3,249.54	-7,669.92	9,119.59	8,912.06	207.53	43.943		
20,300.00	7,794.00	18,292.00	8,012.79	420.12	277.03	-97.73	-3,249.54	-7,669.92	9,217.19	9,010.52	206.67	44.599		
20,400.00	7,794.00	18,292.00	8,012.79	422.78	277.03	-97.73	-3,249.54	-7,669.92	9,314.83	9,109.01	205.82	45.257		
20,500.00	7,794.00	18,292.00	8,012.79	425.44	277.03	-97.73	-3,249.54	-7,669.92	9,412.52	9,207.53	204.99	45.916		
20,600.00	7,794.00	18,292.00	8,012.79	428.10	277.03	-97.73	-3,249.54	-7,669.92	9,510.26	9,306.08	204.18	46.577		
20,700.00	7,794.00	18,292.00	8,012.79	430.76	277.03	-97.73	-3,249.54	-7,669.92	9,608.05	9,404.66	203.39	47.239		

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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Offset Design		SEC 28-T3S-R65W - KING 3-65 28-29 4BH - OWB - FINAL SURVEY										Offset Site Error:	0.00 usft
Survey Program:		209-MWD OWSG, 3481-MWD OWSG										Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
20,800.00	7,794.00	18,292.00	8,012.79	433.42	277.03	-97.73	-3,249.54	-7,669.92	9,705.89	9,503.27	202.62	47.902	
20,900.00	7,794.00	18,292.00	8,012.79	436.08	277.03	-97.73	-3,249.54	-7,669.92	9,803.76	9,601.90	201.86	48.567	
21,000.00	7,794.00	18,292.00	8,012.79	438.74	277.03	-97.73	-3,249.54	-7,669.92	9,901.68	9,700.56	201.12	49.233	
21,100.00	7,794.00	18,292.00	8,012.79	441.41	277.03	-97.73	-3,249.54	-7,669.92	9,999.64	9,799.25	200.39	49.900	
21,200.00	7,794.00	18,292.00	8,012.79	444.07	277.03	-97.73	-3,249.54	-7,669.92	10,097.64	9,897.96	199.68	50.568	
21,300.00	7,794.00	18,292.00	8,012.79	446.74	277.03	-97.73	-3,249.54	-7,669.92	10,195.68	9,996.69	198.99	51.237	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB 25' @ 5661.00usft

Offset Depths are relative to Offset Datum

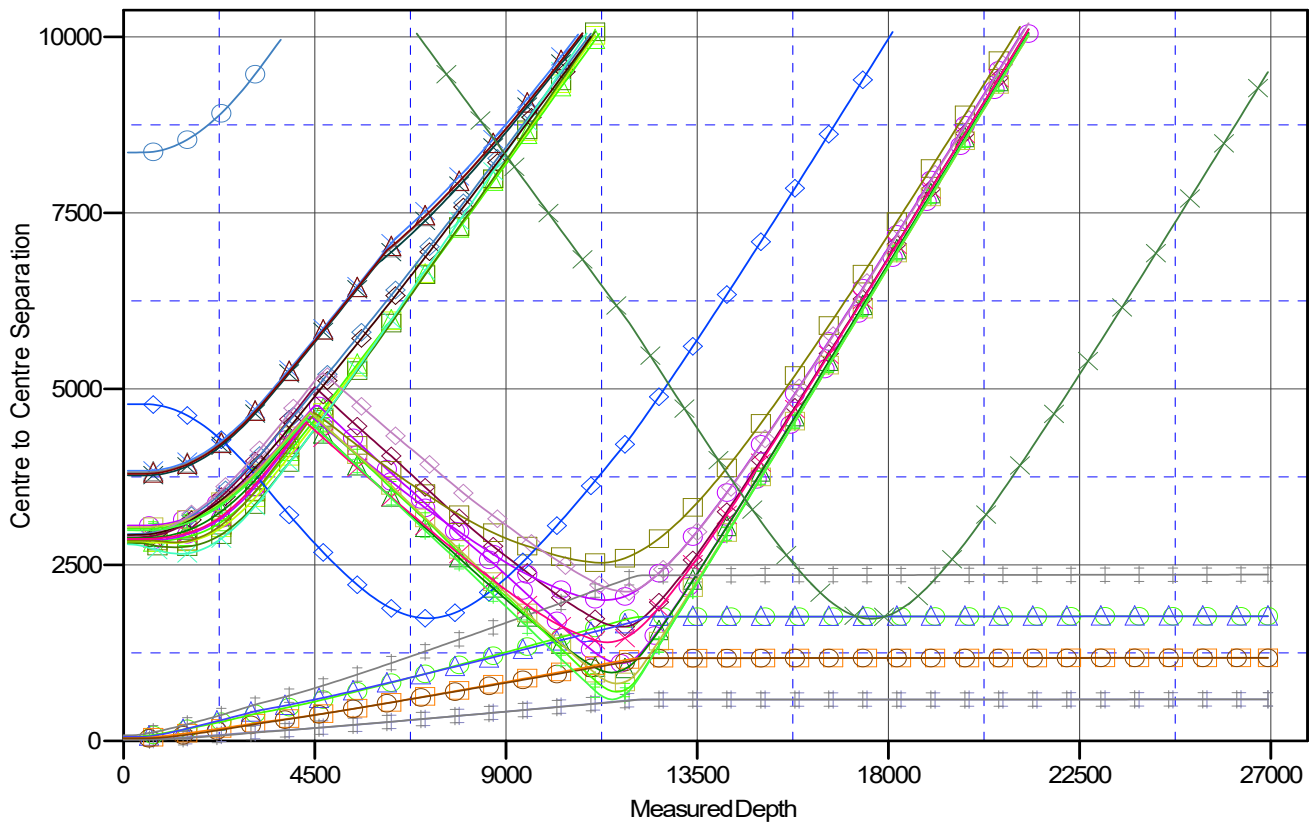
Central Meridian is 105.500000°W

Coordinates are relative to: INVICTA 3-65 30-26 5H

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.54°

Ladder Plot



LEGEND

FLORIDA 3-65 27-26 24H, OWB, FINAL SURVEY V0	FLORIDA 3-65 27-26 48H, OWB, FINAL SURVEY V0	EXIST HZ RESERVE 3-65 26-1H, OWB, FINAL SURVEY V0
INVICTA 3-6530-26 4H, OWB, PROPOSAL 1 V0	ABND VERT EMMA E MCVEY 1, OWB, Design#1 V0	INVICTA 3-6530-26 7H, OWB, PROPOSAL 1 V0
FLORIDA 3-65 27-26 18H, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3AH, OWB, FINAL SURVEY V0	KING 3-6528-29 48H, OWB, FINAL SURVEY V0
INVICTA 3-6530-26 3H, OWB, PROPOSAL 1 V0	KING 3-6528-29 28H, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3CH, OWB, FINAL SURVEY V0
EXIST HZ KING3-65 28-29 3DH, OWB, FINAL SURVEY V0	BEAR 3-65 2-23 48H, OWB, FINAL SURVEY V0	FLORIDA 3-65 27-26 44H, OWB, FINAL SURVEY V0
KING 3-6528-29 44H, OWB, FINAL SURVEY V0	INVICTA 3-6530-26 1H, OWB, PROPOSAL 1 V0	KING 3-6528-29 2AH, OWB, FINAL SURVEY V0
FLORIDA 3-65 27-26 1AH, OWB, FINAL SURVEY V0	INVICTA 3-6530-26 8H, OWB, PROPOSAL 1 V0	EXIST HZ KING3-65 28-29 3BH, OWB, FINAL SURVEY V0
INVICTA 3-6530-26 6H, OWB, PROPOSAL 1 V0	EXIST HZ KING3-65 28-29 3BH, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3BH, OWB, FINAL SURVEY V0
KING 3-6528-29 1BH, OWB, FINAL SURVEY V0	EXIST HZ KING3-65 28-29 3CH, OWB, FINAL SURVEY V0	ABND VERT GRIMM 16-25, OWB, Design#1 V0
KING 3-6528-29 1AH, OWB, FINAL SURVEY V0	INVICTA 3-6530-26 3H, OWB, PROPOSAL 1 V0	

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

Civitas Resources

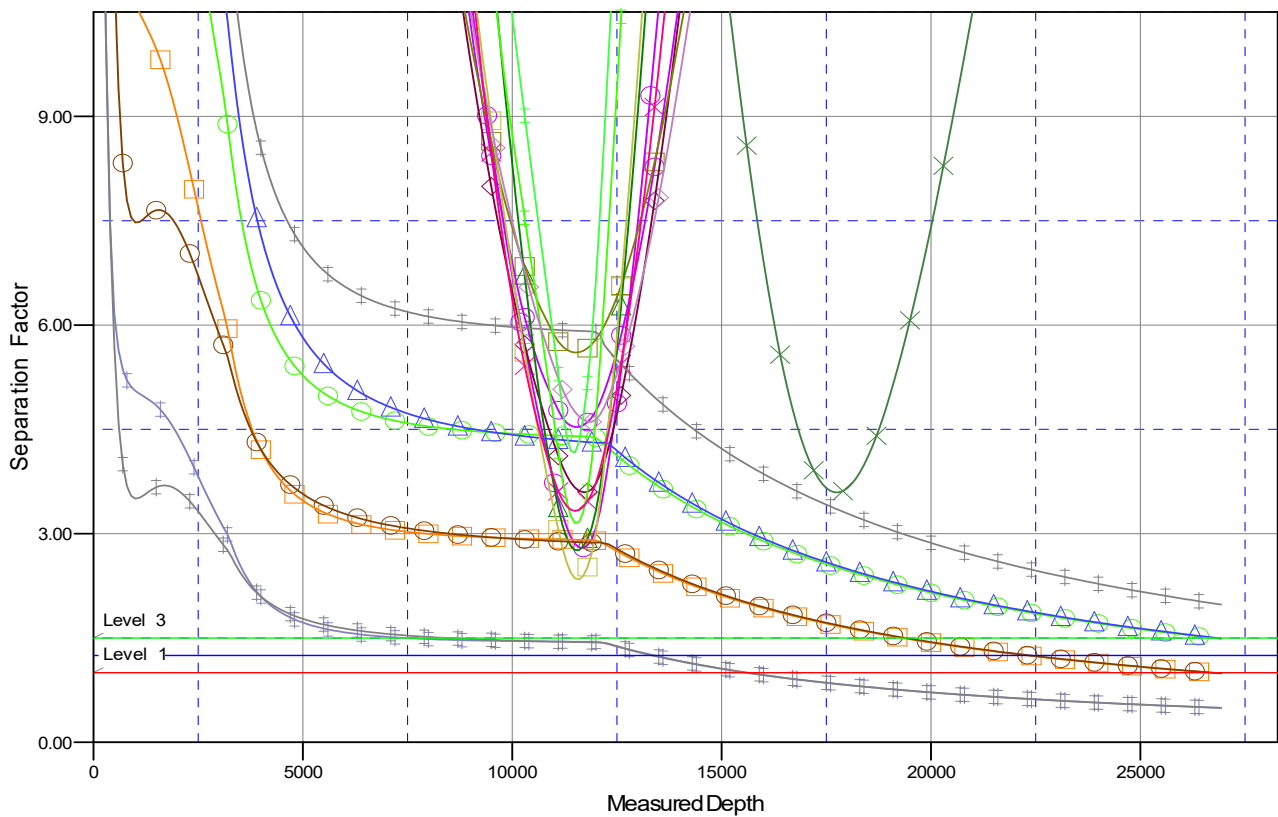
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well INVICTA 3-65 30-26 5H
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5661.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5661.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	INVICTA 3-65 30-26 5H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.00 usft	Output errors are at	2.00 sigma
Reference Wellbore	OWB	Database:	EDM
Reference Design:	PROPOSAL 1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KB 25' @ 5661.00usft
 Offset Depths are relative to Offset Datum
 Central Meridian is 105.500000°W

Coordinates are relative to: INVICTA 3-65 30-26 5H
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.54°

Separation Factor Plot



LEGEND

FLORIDA 3-65 27-26 24H, OWB, FINAL SURVEY V0	FLORIDA 3-65 27-26 48H, OWB, FINAL SURVEY V0	EXIST HZ RESERVE 3-65 26-1H, OWB, FINAL SURVEY V0
INVICTA 3-6530-26 4H, OWB, PROPOSAL 1 V0	ABND VERT EMMA E.MOVEY 1, OWB, Design#1 V0	INVICTA 3-6530-26 7H, OWB, PROPOSAL 1 V0
FLORIDA 3-65 27-26 18H, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3AH, OWB, FINAL SURVEY V0	KING 3-6528-29 48H, OWB, FINAL SURVEY V0
INVICTA 3-6530-26 2H, OWB, PROPOSAL 1 V0	KING 3-6528-29 28H, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3CH, OWB, FINAL SURVEY V0
EXIST HZ KING3-65 28-29 3DH, OWB, FINAL SURVEY V0	BEAR 3-65 2-23 48H, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3CH, OWB, FINAL SURVEY V0
KING 3-6528-29 44H, OWB, FINAL SURVEY V0	INVICTA 3-6530-26 1H, OWB, PROPOSAL 1 V0	FLORIDA 3-65 27-26 44H, OWB, FINAL SURVEY V0
FLORIDA 3-65 27-26 1AH, OWB, FINAL SURVEY V0	INVICTA 3-6530-26 8H, OWB, PROPOSAL 1 V0	KING 3-6528-29 2AH, OWB, FINAL SURVEY V0
INVICTA 3-6530-26 6H, OWB, PROPOSAL 1 V0	EXIST HZ KING3-65 28-29 3BH, OWB, FINAL SURVEY V0	EXIST HZ KING3-65 28-29 3AH, OWB, FINAL SURVEY V0
KING 3-6528-29 1BH, OWB, FINAL SURVEY V0	EXIST HZ KING3-65 28-29 3CH, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3BH, OWB, FINAL SURVEY V0
KING 3-6528-29 1AH, OWB, FINAL SURVEY V0	INVICTA 3-6530-26 3H, OWB, PROPOSAL 1 V0	ABND VERT GRIMM 16-25, OWB, Design#1 V0