

CRESTONE PEAK RESOURCES

**ADAMS COUNTY
SEC 28-T3S-R65W
KING 3-65 28-29 1AH**

**OWB
PROPOSAL 1**

Anticollision Report

24 August, 2023

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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:	Stations	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	8/24/2023		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	18,602.86	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	15,622.52	7,632.00	225.84	0.04	1.000	Level 2, CC, ES, SF
BEAR 3-65 22-23 4BH - OWB - PROPOSAL 1	100.00	100.00	80.14	79.60	149.040	CC, ES
BEAR 3-65 22-23 4BH - OWB - PROPOSAL 1	8,250.00	8,131.73	742.08	652.96	8.327	SF
EXIST HZ FLORIDA 3-65 27-26 3AH - OWB - FINAL SU	976.91	955.02	1,029.76	1,022.93	150.779	CC
EXIST HZ FLORIDA 3-65 27-26 3AH - OWB - FINAL SU	1,100.00	1,073.89	1,030.26	1,022.42	131.337	ES
EXIST HZ FLORIDA 3-65 27-26 3AH - OWB - FINAL SU	7,950.00	8,044.09	2,343.58	2,278.18	35.838	SF
EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SU	146.40	127.40	1,038.99	1,038.20	1,307.227	CC
EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SU	900.00	875.24	1,040.79	1,034.50	165.599	ES
EXIST HZ FLORIDA 3-65 27-26 3BH - OWB - FINAL SU	7,950.00	8,110.00	2,650.79	2,585.07	40.332	SF
EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SU	184.84	167.84	1,048.13	1,047.05	967.055	CC
EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SU	800.00	782.70	1,049.66	1,044.11	188.808	ES
EXIST HZ FLORIDA 3-65 27-26 3CH - OWB - FINAL SU	8,000.00	7,939.60	2,963.08	2,898.04	45.557	SF
EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SU	100.00	78.69	1,058.98	1,058.61	2,846.841	CC
EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SU	600.00	578.06	1,060.45	1,056.53	270.651	ES
EXIST HZ FLORIDA 3-65 27-26 3DH - OWB - FINAL SU	10,200.00	7,492.29	3,940.92	3,862.87	50.495	SF
EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVE	326.87	330.87	216.67	214.57	103.080	CC, ES
EXIST HZ KING 3-65 28-29 3AH - OWB - FINAL SURVE	18,602.86	17,874.05	2,472.19	1,927.72	4.541	SF
EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVE	319.31	321.96	250.20	248.08	118.092	CC, ES
EXIST HZ KING 3-65 28-29 3BH - OWB - FINAL SURVE	18,602.86	17,823.00	2,774.96	2,235.29	5.142	SF
EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVE	225.50	227.50	283.68	282.24	197.556	CC
EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVE	300.00	301.47	283.78	281.82	144.491	ES
EXIST HZ KING 3-65 28-29 3CH - OWB - FINAL SURVE	18,602.86	17,867.00	3,098.30	2,548.67	5.637	SF
EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVE	316.40	320.15	314.30	312.20	149.656	CC, ES
EXIST HZ KING 3-65 28-29 3DH - OWB - FINAL SURVE	18,602.86	17,987.00	3,434.69	2,885.33	6.252	SF
EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVE	7,787.51	6,963.80	5,473.10	5,394.57	69.692	CC
EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVE	7,800.00	6,978.05	5,473.24	5,394.55	69.559	ES
EXIST HZ RESERVE 3-65 26-1H - OWB - FINAL SURVE	8,050.00	7,063.00	5,535.16	5,454.34	68.491	SF
FLORIDA 3-65 27-26 1AH - OWB - PROPOSAL 1	8,348.11	8,301.86	5.04	-68.75	0.068	Level 1, CC, ES, SF
FLORIDA 3-65 27-26 1BH - OWB - PROPOSAL 1	898.05	895.19	13.97	7.57	2.184	CC
FLORIDA 3-65 27-26 1BH - OWB - PROPOSAL 1	900.00	897.13	13.97	7.56	2.179	ES, SF
FLORIDA 3-65 27-26 2AH - OWB - PROPOSAL 1	633.88	634.12	4.88	0.49	1.113	Level 2, CC, ES, SF
FLORIDA 3-65 27-26 4AH - OWB - PROPOSAL 1	300.00	301.00	119.84	117.87	60.674	CC, ES
FLORIDA 3-65 27-26 4AH - OWB - PROPOSAL 1	700.00	684.77	161.38	156.62	33.870	SF
FLORIDA 3-65 27-26 4BH - OWB - PROPOSAL 1	166.33	167.33	139.88	138.86	137.559	CC
FLORIDA 3-65 27-26 4BH - OWB - PROPOSAL 1	200.00	200.00	139.88	138.62	111.453	ES
FLORIDA 3-65 27-26 4BH - OWB - PROPOSAL 1	700.00	668.45	207.42	202.69	43.884	SF
KING 3-65 28-29 1BH - OWB - PROPOSAL 1	300.00	300.00	20.03	18.06	10.160	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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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						
KING 3-65 28-29 1BH - OWB - PROPOSAL 1	18,602.86	18,398.94	609.79	54.04	1.097	Level 2, SF
KING 3-65 28-29 2AH - OWB - PROPOSAL 1	300.00	300.00	39.71	37.73	20.139	CC, ES
KING 3-65 28-29 2AH - OWB - PROPOSAL 1	18,599.27	18,230.15	1,219.58	663.80	2.194	SF
KING 3-65 28-29 2BH - OWB - PROPOSAL 1	300.00	300.00	59.74	57.77	30.301	CC, ES
KING 3-65 28-29 2BH - OWB - PROPOSAL 1	18,602.86	18,104.03	1,819.55	1,263.74	3.274	SF
KING 3-65 28-29 4AH - OWB - PROPOSAL 1	300.00	300.00	79.77	77.80	40.460	CC, ES
KING 3-65 28-29 4AH - OWB - PROPOSAL 1	18,602.86	18,038.25	4,021.97	3,466.02	7.234	SF
KING 3-65 28-29 4BH - OWB - PROPOSAL 1	100.00	100.00	99.81	99.27	185.622	CC, ES
KING 3-65 28-29 4BH - OWB - PROPOSAL 1	18,602.86	18,117.17	4,561.83	4,005.71	8.203	SF

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 Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis 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	42.00	42.00	0.27	0.14	-66.94	2,907.82	-6,830.42	7,423.62	7,423.21	0.41	N/A		
200.00	200.00	142.00	142.00	0.63	0.48	-66.94	2,907.82	-6,830.42	7,423.62	7,422.51	1.10	6,723.723		
300.00	300.00	242.00	242.00	0.99	0.84	-66.94	2,907.82	-6,830.42	7,423.62	7,421.79	1.82	4,076.589		
400.00	399.98	341.98	341.98	1.34	1.19	-80.24	2,907.82	-6,830.42	7,423.32	7,420.78	2.54	2,925.633		
500.00	499.84	441.84	441.84	1.71	1.55	-80.30	2,907.82	-6,830.42	7,422.43	7,419.18	3.26	2,280.222		
600.00	599.45	541.45	541.45	2.07	1.91	-80.39	2,907.82	-6,830.42	7,420.97	7,416.99	3.98	1,864.835		
700.00	698.70	640.70	640.70	2.45	2.26	-80.52	2,907.82	-6,830.42	7,418.93	7,414.22	4.72	1,573.236		
800.00	797.47	739.47	739.47	2.85	2.62	-80.69	2,907.82	-6,830.42	7,416.35	7,410.88	5.47	1,355.939		
900.00	895.62	837.62	837.62	3.28	2.97	-80.90	2,907.82	-6,830.42	7,413.24	7,406.99	6.25	1,186.867		
1,000.00	993.06	935.06	935.06	3.73	3.32	-81.14	2,907.82	-6,830.42	7,409.64	7,402.59	7.05	1,051.021		
1,100.00	1,089.64	1,031.64	1,031.64	4.23	3.67	-81.41	2,907.82	-6,830.42	7,405.57	7,397.69	7.89	939.173		
1,200.00	1,185.27	1,127.27	1,127.27	4.75	4.01	-81.71	2,907.82	-6,830.42	7,401.09	7,392.33	8.76	845.340		
1,300.00	1,279.82	1,221.82	1,221.82	5.33	4.35	-82.04	2,907.82	-6,830.42	7,396.23	7,386.57	9.66	765.461		
1,400.00	1,373.17	1,315.17	1,315.17	5.94	4.68	-82.40	2,907.82	-6,830.42	7,391.04	7,380.43	10.61	696.670		
1,500.00	1,465.21	1,407.21	1,407.21	6.60	5.01	-82.79	2,907.82	-6,830.42	7,385.58	7,373.98	11.60	636.878		
1,554.30	1,514.61	1,456.61	1,456.61	6.98	5.19	-83.01	2,907.82	-6,830.42	7,382.52	7,370.37	12.15	607.661		
1,600.00	1,556.00	1,498.00	1,498.00	7.30	5.34	-83.14	2,907.82	-6,830.42	7,379.94	7,367.32	12.62	584.744		
1,700.00	1,646.56	1,588.56	1,588.56	8.03	5.66	-83.44	2,907.82	-6,830.42	7,374.48	7,360.82	13.67	539.636		
1,800.00	1,737.13	1,679.13	1,679.13	8.76	5.99	-83.74	2,907.82	-6,830.42	7,369.26	7,354.54	14.72	500.569		
1,900.00	1,827.70	1,769.70	1,769.70	9.50	6.31	-84.03	2,907.82	-6,830.42	7,364.28	7,348.50	15.79	466.490		
2,000.00	1,918.27	1,860.27	1,860.27	10.25	6.64	-84.33	2,907.82	-6,830.42	7,359.54	7,342.68	16.86	436.551		
2,100.00	2,008.83	1,950.83	1,950.83	11.00	6.96	-84.63	2,907.82	-6,830.42	7,355.04	7,337.11	17.94	410.078		
2,200.00	2,099.40	2,041.40	2,041.40	11.76	7.29	-84.93	2,907.82	-6,830.42	7,350.79	7,331.77	19.02	386.524		
2,300.00	2,189.97	2,131.97	2,131.97	12.52	7.61	-85.23	2,907.82	-6,830.42	7,346.77	7,326.67	20.10	365.450		
2,400.00	2,280.53	2,222.53	2,222.53	13.28	7.93	-85.53	2,907.82	-6,830.42	7,343.00	7,321.81	21.19	346.495		
2,500.00	2,371.10	2,313.10	2,313.10	14.05	8.26	-85.82	2,907.82	-6,830.42	7,339.47	7,317.19	22.28	329.365		
2,600.00	2,461.67	2,403.67	2,403.67	14.81	8.58	-86.12	2,907.82	-6,830.42	7,336.19	7,312.81	23.38	313.815		
2,700.00	2,552.24	2,494.24	2,494.24	15.58	8.91	-86.42	2,907.82	-6,830.42	7,333.15	7,308.67	24.47	299.642		
2,800.00	2,642.80	2,584.80	2,584.80	16.35	9.23	-86.72	2,907.82	-6,830.42	7,330.35	7,304.78	25.57	286.676		
2,900.00	2,733.37	2,675.37	2,675.37	17.13	9.56	-87.02	2,907.82	-6,830.42	7,327.80	7,301.13	26.67	274.772		
3,000.00	2,823.94	2,765.94	2,765.94	17.90	9.88	-87.32	2,907.82	-6,830.42	7,325.49	7,297.72	27.77	263.808		
3,100.00	2,914.51	2,856.51	2,856.51	18.67	10.21	-87.62	2,907.82	-6,830.42	7,323.42	7,294.55	28.87	253.680		
3,200.00	3,005.07	2,947.07	2,947.07	19.45	10.53	-87.92	2,907.82	-6,830.42	7,321.60	7,291.63	29.97	244.298		
3,300.00	3,095.64	3,037.64	3,037.64	20.22	10.86	-88.22	2,907.82	-6,830.42	7,320.03	7,288.96	31.07	235.584		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
3,400.00	3,186.21	3,128.21	3,128.21	21.00	11.18	-88.52	2,907.82	-6,830.42	7,318.70	7,286.53	32.17	227.471		
3,500.00	3,276.77	3,218.77	3,218.77	21.77	11.51	-88.82	2,907.82	-6,830.42	7,317.62	7,284.34	33.28	219.901		
3,600.00	3,367.34	3,309.34	3,309.34	22.55	11.83	-89.12	2,907.82	-6,830.42	7,316.78	7,282.40	34.38	212.823		
3,700.00	3,457.91	3,399.91	3,399.91	23.33	12.16	-89.43	2,907.82	-6,830.42	7,316.19	7,280.70	35.48	206.191		
3,800.00	3,548.48	3,490.48	3,490.48	24.11	12.48	-89.73	2,907.82	-6,830.42	7,315.84	7,279.25	36.59	199.965		
3,891.07	3,630.95	3,572.95	3,572.95	24.81	12.78	-90.00	2,907.82	-6,830.42	7,315.74	7,278.15	37.59	194.619		
3,900.00	3,639.04	3,581.04	3,581.04	24.88	12.80	-90.03	2,907.82	-6,830.42	7,315.74	7,278.05	37.69	194.111		
4,000.00	3,729.61	3,671.61	3,671.61	25.66	13.13	-90.33	2,907.82	-6,830.42	7,315.88	7,277.09	38.79	188.596		
4,100.00	3,820.18	3,762.18	3,762.18	26.44	13.45	-90.63	2,907.82	-6,830.42	7,316.27	7,276.38	39.89	183.394		
4,200.00	3,910.74	3,852.74	3,852.74	27.22	13.78	-90.93	2,907.82	-6,830.42	7,316.91	7,275.92	41.00	178.480		
4,300.00	4,001.31	3,943.31	3,943.31	28.00	14.10	-91.23	2,907.82	-6,830.42	7,317.79	7,275.70	42.10	173.830		
4,400.00	4,091.88	4,033.88	4,033.88	28.78	14.43	-91.53	2,907.82	-6,830.42	7,318.92	7,275.72	43.20	169.425		
4,500.00	4,182.45	4,124.45	4,124.45	29.56	14.75	-91.83	2,907.82	-6,830.42	7,320.29	7,275.99	44.30	165.247		
4,600.00	4,273.01	4,215.01	4,215.01	30.34	15.08	-92.13	2,907.82	-6,830.42	7,321.91	7,276.51	45.40	161.279		
4,700.00	4,363.58	4,305.58	4,305.58	31.12	15.40	-92.43	2,907.82	-6,830.42	7,323.77	7,277.28	46.50	157.507		
4,800.00	4,454.15	4,396.15	4,396.15	31.90	15.73	-92.73	2,907.82	-6,830.42	7,325.88	7,278.28	47.60	153.916		
4,900.00	4,544.72	4,486.72	4,486.72	32.68	16.05	-93.03	2,907.82	-6,830.42	7,328.23	7,279.54	48.69	150.495		
5,000.00	4,635.28	4,577.28	4,577.28	33.46	16.38	-93.33	2,907.82	-6,830.42	7,330.83	7,281.04	49.79	147.233		
5,100.00	4,725.85	4,667.85	4,667.85	34.24	16.70	-93.63	2,907.82	-6,830.42	7,333.67	7,282.79	50.89	144.119		
5,200.00	4,816.42	4,758.42	4,758.42	35.02	17.03	-93.93	2,907.82	-6,830.42	7,336.76	7,284.78	51.98	141.143		
5,300.00	4,906.98	4,848.98	4,848.98	35.81	17.35	-94.23	2,907.82	-6,830.42	7,340.09	7,287.01	53.07	138.298		
5,400.00	4,997.55	4,939.55	4,939.55	36.59	17.67	-94.53	2,907.82	-6,830.42	7,343.66	7,289.49	54.17	135.575		
5,500.00	5,088.12	5,030.12	5,030.12	37.37	18.00	-94.83	2,907.82	-6,830.42	7,347.47	7,292.22	55.26	132.967		
5,600.00	5,178.69	5,120.69	5,120.69	38.15	18.32	-95.13	2,907.82	-6,830.42	7,351.53	7,295.18	56.35	130.467		
5,700.00	5,269.25	5,211.25	5,211.25	38.93	18.65	-95.42	2,907.82	-6,830.42	7,355.83	7,298.39	57.44	128.069		
5,800.00	5,359.82	5,301.82	5,301.82	39.71	18.97	-95.72	2,907.82	-6,830.42	7,360.37	7,301.85	58.52	125.768		
5,900.00	5,450.39	5,392.39	5,392.39	40.50	19.30	-96.02	2,907.82	-6,830.42	7,365.15	7,305.55	59.61	123.558		
6,000.00	5,540.95	5,482.95	5,482.95	41.28	19.62	-96.32	2,907.82	-6,830.42	7,370.18	7,309.48	60.69	121.433		
6,100.00	5,631.52	5,573.52	5,573.52	42.06	19.95	-96.61	2,907.82	-6,830.42	7,375.44	7,313.67	61.78	119.390		
6,200.00	5,722.09	5,664.09	5,664.09	42.84	20.27	-96.91	2,907.82	-6,830.42	7,380.94	7,318.09	62.86	117.424		
6,300.00	5,812.66	5,754.66	5,754.66	43.62	20.60	-97.21	2,907.82	-6,830.42	7,386.69	7,322.75	63.94	115.531		
6,400.00	5,903.22	5,845.22	5,845.22	44.41	20.92	-97.50	2,907.82	-6,830.42	7,392.67	7,327.65	65.01	113.708		
6,500.00	5,993.79	5,935.79	5,935.79	45.19	21.25	-97.80	2,907.82	-6,830.42	7,398.89	7,332.80	66.09	111.951		
6,600.00	6,084.36	6,026.36	6,026.36	45.97	21.57	-98.09	2,907.82	-6,830.42	7,405.35	7,338.18	67.16	110.256		
6,700.00	6,174.93	6,116.93	6,116.93	46.75	21.90	-98.39	2,907.82	-6,830.42	7,412.04	7,343.80	68.24	108.621		
6,800.00	6,265.49	6,207.49	6,207.49	47.54	22.22	-98.68	2,907.82	-6,830.42	7,418.97	7,349.66	69.31	107.043		
6,900.00	6,356.06	6,298.06	6,298.06	48.32	22.54	-98.97	2,907.82	-6,830.42	7,426.14	7,355.76	70.38	105.520		
7,000.00	6,446.63	6,388.63	6,388.63	49.10	22.87	-99.27	2,907.82	-6,830.42	7,433.54	7,362.09	71.44	104.048		
7,100.00	6,537.19	6,479.19	6,479.19	49.88	23.19	-99.56	2,907.82	-6,830.42	7,441.17	7,368.66	72.51	102.625		
7,200.00	6,627.76	6,569.76	6,569.76	50.67	23.52	-99.85	2,907.82	-6,830.42	7,449.04	7,375.47	73.57	101.249		
7,300.00	6,718.33	6,660.33	6,660.33	51.45	23.84	-100.14	2,907.82	-6,830.42	7,457.14	7,382.51	74.63	99.919		
7,400.00	6,808.90	6,750.90	6,750.90	52.23	24.17	-100.44	2,907.82	-6,830.42	7,465.47	7,389.78	75.69	98.631		
7,500.00	6,899.46	6,841.46	6,841.46	53.01	24.49	-100.73	2,907.82	-6,830.42	7,474.04	7,397.29	76.75	97.385		
7,600.00	6,990.03	6,932.03	6,932.03	53.80	24.82	-101.02	2,907.82	-6,830.42	7,482.83	7,405.03	77.80	96.178		
7,700.00	7,080.60	7,022.60	7,022.60	54.58	25.14	-101.31	2,907.82	-6,830.42	7,491.86	7,413.00	78.85	95.009		
7,743.09	7,119.63	7,061.63	7,061.63	54.92	25.28	-101.43	2,907.82	-6,830.42	7,495.82	7,416.51	79.31	94.516		
7,750.00	7,125.88	7,067.88	7,067.88	54.97	25.30	-100.00	2,907.82	-6,830.42	7,496.42	7,417.04	79.38	94.438		
7,800.00	7,171.32	7,113.32	7,113.32	55.35	25.47	-89.31	2,907.82	-6,830.42	7,498.29	7,418.39	79.90	93.844		
7,850.00	7,216.74	7,158.74	7,158.74	55.71	25.63	-78.67	2,907.82	-6,830.42	7,495.87	7,415.45	80.42	93.213		
7,900.00	7,261.79	7,203.79	7,203.79	56.05	25.79	-68.86	2,907.82	-6,830.42	7,489.15	7,408.23	80.92	92.550		
7,950.00	7,306.14	7,248.14	7,248.14	56.37	25.95	-60.36	2,907.82	-6,830.42	7,478.21	7,396.80	81.41	91.863		
8,000.00	7,349.44	7,291.44	7,291.44	56.66	26.11	-53.31	2,907.82	-6,830.42	7,463.10	7,381.23	81.87	91.156		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
8,050.00	7,391.36	7,333.36	7,333.36	56.92	26.26	-47.60	2,907.82	-6,830.42	7,443.95	7,361.64	82.32	90.432		
8,100.00	7,431.59	7,373.59	7,373.59	57.16	26.40	-43.02	2,907.82	-6,830.42	7,420.90	7,338.17	82.74	89.695		
8,150.00	7,469.82	7,411.82	7,411.82	57.37	26.54	-39.39	2,907.82	-6,830.42	7,394.12	7,310.99	83.13	88.947		
8,200.00	7,505.76	7,447.76	7,447.76	57.55	26.67	-36.53	2,907.82	-6,830.42	7,363.80	7,280.30	83.50	88.193		
8,250.00	7,539.14	7,481.14	7,481.14	57.71	26.79	-34.29	2,907.82	-6,830.42	7,330.17	7,246.33	83.83	87.436		
8,300.00	7,569.69	7,511.69	7,511.69	57.84	26.90	-32.57	2,907.82	-6,830.42	7,293.47	7,209.33	84.14	86.680		
8,350.00	7,597.20	7,539.20	7,539.20	57.96	26.99	-31.32	2,907.82	-6,830.42	7,253.98	7,169.56	84.42	85.927		
8,400.00	7,621.44	7,563.44	7,563.44	58.04	27.08	-30.50	2,907.82	-6,830.42	7,212.00	7,127.34	84.67	85.182		
8,450.00	7,642.24	7,584.24	7,584.24	58.11	27.16	-30.13	2,907.82	-6,830.42	7,167.83	7,082.95	84.88	84.449		
8,500.00	7,659.43	7,601.43	7,601.43	58.16	27.22	-30.30	2,907.82	-6,830.42	7,121.81	7,036.75	85.06	83.732		
8,550.00	7,672.90	7,614.90	7,614.90	58.19	27.26	-31.27	2,907.82	-6,830.42	7,074.27	6,989.07	85.20	83.033		
8,600.00	7,682.52	7,624.52	7,624.52	58.20	27.30	-33.85	2,907.82	-6,830.42	7,025.58	6,940.28	85.31	82.358		
8,650.00	7,688.23	7,630.23	7,630.23	58.19	27.32	-41.68	2,907.82	-6,830.42	6,976.10	6,890.72	85.38	81.709		
8,697.19	7,690.00	7,632.00	7,632.00	58.18	27.33	-90.00	2,907.82	-6,830.42	6,929.02	6,843.60	85.41	81.124		
8,700.00	7,690.00	7,632.00	7,632.00	58.17	27.33	-90.00	2,907.82	-6,830.42	6,926.21	6,840.79	85.41	81.090		
8,800.00	7,690.00	7,632.00	7,632.00	58.15	27.33	-90.00	2,907.82	-6,830.42	6,826.26	6,740.81	85.45	79.882		
8,900.00	7,690.00	7,632.00	7,632.00	58.17	27.33	-90.00	2,907.82	-6,830.42	6,726.32	6,640.82	85.50	78.673		
9,000.00	7,690.00	7,632.00	7,632.00	58.24	27.33	-90.00	2,907.82	-6,830.42	6,626.37	6,540.83	85.54	77.464		
9,100.00	7,690.00	7,632.00	7,632.00	58.37	27.33	-90.00	2,907.82	-6,830.42	6,526.43	6,440.85	85.59	76.254		
9,200.00	7,690.00	7,632.00	7,632.00	58.56	27.33	-90.00	2,907.82	-6,830.42	6,426.49	6,340.86	85.64	75.044		
9,300.00	7,690.00	7,632.00	7,632.00	58.83	27.33	-90.00	2,907.82	-6,830.42	6,326.56	6,240.87	85.69	73.834		
9,400.00	7,690.00	7,632.00	7,632.00	59.19	27.33	-90.00	2,907.82	-6,830.42	6,226.62	6,140.88	85.74	72.623		
9,500.00	7,690.00	7,632.00	7,632.00	59.66	27.33	-90.00	2,907.82	-6,830.42	6,126.69	6,040.89	85.79	71.412		
9,600.00	7,690.00	7,632.00	7,632.00	60.26	27.33	-90.00	2,907.82	-6,830.42	6,026.76	5,940.91	85.85	70.200		
9,700.00	7,690.00	7,632.00	7,632.00	61.01	27.33	-90.00	2,907.82	-6,830.42	5,926.83	5,840.92	85.91	68.989		
9,800.00	7,690.00	7,632.00	7,632.00	61.93	27.33	-90.00	2,907.82	-6,830.42	5,826.90	5,740.93	85.97	67.777		
9,900.00	7,690.00	7,632.00	7,632.00	63.01	27.33	-90.00	2,907.82	-6,830.42	5,726.98	5,640.94	86.04	66.564		
10,000.00	7,690.00	7,632.00	7,632.00	64.27	27.33	-90.00	2,907.82	-6,830.42	5,627.06	5,540.95	86.10	65.352		
10,100.00	7,690.00	7,632.00	7,632.00	65.70	27.33	-90.00	2,907.82	-6,830.42	5,527.14	5,440.97	86.17	64.139		
10,200.00	7,690.00	7,632.00	7,632.00	67.27	27.33	-90.00	2,907.82	-6,830.42	5,427.23	5,340.98	86.25	62.926		
10,300.00	7,690.00	7,632.00	7,632.00	68.97	27.33	-90.00	2,907.82	-6,830.42	5,327.31	5,240.99	86.32	61.713		
10,400.00	7,690.00	7,632.00	7,632.00	70.79	27.33	-90.00	2,907.82	-6,830.42	5,227.41	5,141.00	86.40	60.500		
10,500.00	7,690.00	7,632.00	7,632.00	72.70	27.33	-90.00	2,907.82	-6,830.42	5,127.50	5,041.01	86.49	59.286		
10,600.00	7,690.00	7,632.00	7,632.00	74.69	27.33	-90.00	2,907.82	-6,830.42	5,027.60	4,941.02	86.57	58.072		
10,700.00	7,690.00	7,632.00	7,632.00	76.74	27.33	-90.00	2,907.82	-6,830.42	4,927.70	4,841.04	86.67	56.859		
10,800.00	7,690.00	7,632.00	7,632.00	78.86	27.33	-90.00	2,907.82	-6,830.42	4,827.81	4,741.05	86.76	55.645		
10,900.00	7,690.00	7,632.00	7,632.00	81.03	27.33	-90.00	2,907.82	-6,830.42	4,727.92	4,641.06	86.86	54.431		
11,000.00	7,690.00	7,632.00	7,632.00	83.24	27.33	-90.00	2,907.82	-6,830.42	4,628.04	4,541.07	86.97	53.217		
11,100.00	7,690.00	7,632.00	7,632.00	85.49	27.33	-90.00	2,907.82	-6,830.42	4,528.16	4,441.08	87.08	52.002		
11,200.00	7,690.00	7,632.00	7,632.00	87.77	27.33	-90.00	2,907.82	-6,830.42	4,428.29	4,341.10	87.19	50.788		
11,300.00	7,690.00	7,632.00	7,632.00	90.09	27.33	-90.00	2,907.82	-6,830.42	4,328.42	4,241.11	87.31	49.574		
11,400.00	7,690.00	7,632.00	7,632.00	92.43	27.33	-90.00	2,907.82	-6,830.42	4,228.56	4,141.12	87.44	48.360		
11,500.00	7,690.00	7,632.00	7,632.00	94.79	27.33	-90.00	2,907.82	-6,830.42	4,128.71	4,041.13	87.57	47.146		
11,600.00	7,690.00	7,632.00	7,632.00	97.17	27.33	-90.00	2,907.82	-6,830.42	4,028.86	3,941.15	87.71	45.932		
11,700.00	7,690.00	7,632.00	7,632.00	99.57	27.33	-90.00	2,907.82	-6,830.42	3,929.02	3,841.16	87.86	44.717		
11,800.00	7,690.00	7,632.00	7,632.00	101.99	27.33	-90.00	2,907.82	-6,830.42	3,829.19	3,741.17	88.02	43.503		
11,900.00	7,690.00	7,632.00	7,632.00	104.43	27.33	-90.00	2,907.82	-6,830.42	3,729.37	3,641.18	88.19	42.289		
12,000.00	7,690.00	7,632.00	7,632.00	106.88	27.33	-90.00	2,907.82	-6,830.42	3,629.56	3,541.19	88.36	41.075		
12,100.00	7,690.00	7,632.00	7,632.00	109.34	27.33	-90.00	2,907.82	-6,830.42	3,529.76	3,441.21	88.55	39.862		
12,200.00	7,690.00	7,632.00	7,632.00	111.81	27.33	-90.00	2,907.82	-6,830.42	3,429.97	3,341.22	88.75	38.648		
12,300.00	7,690.00	7,632.00	7,632.00	114.30	27.33	-90.00	2,907.82	-6,830.42	3,330.19	3,241.23	88.96	37.434		
12,400.00	7,690.00	7,632.00	7,632.00	116.79	27.33	-90.00	2,907.82	-6,830.42	3,230.43	3,141.24	89.19	36.221		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
12,500.00	7,690.00	7,632.00	7,632.00	119.30	27.33	-90.00	2,907.82	-6,830.42	3,130.68	3,041.25	89.43	35.008		
12,600.00	7,690.00	7,632.00	7,632.00	121.81	27.33	-90.00	2,907.82	-6,830.42	3,030.95	2,941.26	89.69	33.795		
12,700.00	7,690.00	7,632.00	7,632.00	124.33	27.33	-90.00	2,907.82	-6,830.42	2,931.24	2,841.27	89.96	32.582		
12,800.00	7,690.00	7,632.00	7,632.00	126.86	27.33	-90.00	2,907.82	-6,830.42	2,831.55	2,741.28	90.26	31.370		
12,900.00	7,690.00	7,632.00	7,632.00	129.40	27.33	-90.00	2,907.82	-6,830.42	2,731.88	2,641.29	90.59	30.157		
13,000.00	7,690.00	7,632.00	7,632.00	131.94	27.33	-90.00	2,907.82	-6,830.42	2,632.23	2,541.29	90.94	28.945		
13,100.00	7,690.00	7,632.00	7,632.00	134.49	27.33	-90.00	2,907.82	-6,830.42	2,532.61	2,441.30	91.32	27.734		
13,200.00	7,690.00	7,632.00	7,632.00	137.05	27.33	-90.00	2,907.82	-6,830.42	2,433.03	2,341.30	91.73	26.523		
13,300.00	7,690.00	7,632.00	7,632.00	139.61	27.33	-90.00	2,907.82	-6,830.42	2,333.48	2,241.29	92.19	25.312		
13,400.00	7,690.00	7,632.00	7,632.00	142.18	27.33	-90.00	2,907.82	-6,830.42	2,233.97	2,141.28	92.69	24.102		
13,500.00	7,690.00	7,632.00	7,632.00	144.75	27.33	-90.00	2,907.82	-6,830.42	2,134.51	2,041.27	93.24	22.893		
13,600.00	7,690.00	7,632.00	7,632.00	147.33	27.33	-90.00	2,907.82	-6,830.42	2,035.09	1,941.25	93.85	21.685		
13,700.00	7,690.00	7,632.00	7,632.00	149.91	27.33	-90.00	2,907.82	-6,830.42	1,935.74	1,841.21	94.53	20.477		
13,800.00	7,690.00	7,632.00	7,632.00	152.49	27.33	-90.00	2,907.82	-6,830.42	1,836.46	1,741.17	95.30	19.271		
13,900.00	7,690.00	7,632.00	7,632.00	155.08	27.33	-90.00	2,907.82	-6,830.42	1,737.27	1,641.11	96.16	18.067		
14,000.00	7,690.00	7,632.00	7,632.00	157.67	27.33	-90.00	2,907.82	-6,830.42	1,638.17	1,541.03	97.14	16.864		
14,100.00	7,690.00	7,632.00	7,632.00	160.27	27.33	-90.00	2,907.82	-6,830.42	1,539.18	1,440.92	98.26	15.664		
14,200.00	7,690.00	7,632.00	7,632.00	162.87	27.33	-90.00	2,907.82	-6,830.42	1,440.34	1,340.78	99.56	14.467		
14,300.00	7,690.00	7,632.00	7,632.00	165.47	27.33	-90.00	2,907.82	-6,830.42	1,341.67	1,240.59	101.08	13.274		
14,400.00	7,690.00	7,632.00	7,632.00	168.08	27.33	-90.00	2,907.82	-6,830.42	1,243.21	1,140.35	102.86	12.086		
14,500.00	7,690.00	7,632.00	7,632.00	170.69	27.33	-90.00	2,907.82	-6,830.42	1,145.02	1,040.02	104.99	10.906		
14,600.00	7,690.00	7,632.00	7,632.00	173.30	27.33	-90.00	2,907.82	-6,830.42	1,047.17	939.60	107.57	9.735		
14,700.00	7,690.00	7,632.00	7,632.00	175.91	27.33	-90.00	2,907.82	-6,830.42	949.77	839.03	110.74	8.577		
14,800.00	7,690.00	7,632.00	7,632.00	178.53	27.33	-90.00	2,907.82	-6,830.42	852.97	738.28	114.69	7.437		
14,900.00	7,690.00	7,632.00	7,632.00	181.15	27.33	-90.00	2,907.82	-6,830.42	757.00	637.27	119.73	6.322		
15,000.00	7,690.00	7,632.00	7,632.00	183.77	27.33	-90.00	2,907.82	-6,830.42	662.23	535.92	126.31	5.243		
15,100.00	7,690.00	7,632.00	7,632.00	186.39	27.33	-90.00	2,907.82	-6,830.42	569.24	434.16	135.09	4.214		
15,200.00	7,690.00	7,632.00	7,632.00	189.02	27.33	-90.00	2,907.82	-6,830.42	479.10	332.00	147.09	3.257		
15,300.00	7,690.00	7,632.00	7,632.00	191.65	27.33	-90.00	2,907.82	-6,830.42	393.74	229.97	163.76	2.404		
15,400.00	7,690.00	7,632.00	7,632.00	194.27	27.33	-90.00	2,907.82	-6,830.42	317.05	130.68	186.37	1.701		
15,500.00	7,690.00	7,632.00	7,632.00	196.91	27.33	-90.00	2,907.82	-6,830.42	256.94	44.44	212.50	1.209	Level 2	
15,600.00	7,690.00	7,632.00	7,632.00	199.54	27.33	-90.00	2,907.82	-6,830.42	226.96	0.21	226.75	1.001	Level 2	
15,622.52	7,690.00	7,632.00	7,632.00	200.13	27.33	-90.00	2,907.82	-6,830.42	225.84	0.04	225.80	1.000	Level 2, CC, ES, SF	
15,700.00	7,690.00	7,632.00	7,632.00	202.17	27.33	-90.00	2,907.82	-6,830.42	238.76	28.96	209.80	1.138	Level 2	
15,800.00	7,690.00	7,632.00	7,632.00	204.81	27.33	-90.00	2,907.82	-6,830.42	287.23	111.70	175.53	1.636		
15,900.00	7,690.00	7,632.00	7,632.00	207.45	27.33	-90.00	2,907.82	-6,830.42	357.77	212.15	145.62	2.457		
16,000.00	7,690.00	7,632.00	7,632.00	210.09	27.33	-90.00	2,907.82	-6,830.42	439.88	315.17	124.71	3.527		
16,100.00	7,690.00	7,632.00	7,632.00	212.73	27.33	-90.00	2,907.82	-6,830.42	528.19	417.39	110.80	4.767		
16,200.00	7,690.00	7,632.00	7,632.00	215.37	27.33	-90.00	2,907.82	-6,830.42	620.07	518.51	101.56	6.105		
16,300.00	7,690.00	7,632.00	7,632.00	218.02	27.33	-90.00	2,907.82	-6,830.42	714.13	618.78	95.34	7.490		
16,400.00	7,690.00	7,632.00	7,632.00	220.66	27.33	-90.00	2,907.82	-6,830.42	809.61	718.51	91.10	8.887		
16,500.00	7,690.00	7,632.00	7,632.00	223.31	27.33	-90.00	2,907.82	-6,830.42	906.07	817.91	88.17	10.277		
16,600.00	7,690.00	7,632.00	7,632.00	225.95	27.33	-90.00	2,907.82	-6,830.42	1,003.23	917.11	86.11	11.650		
16,700.00	7,690.00	7,632.00	7,632.00	228.60	27.33	-90.00	2,907.82	-6,830.42	1,100.89	1,016.22	84.67	13.003		
16,800.00	7,690.00	7,632.00	7,632.00	231.25	27.33	-90.00	2,907.82	-6,830.42	1,198.94	1,115.30	83.64	14.335		
16,900.00	7,690.00	7,632.00	7,632.00	233.90	27.33	-90.00	2,907.82	-6,830.42	1,297.29	1,214.38	82.91	15.647		
17,000.00	7,690.00	7,632.00	7,632.00	236.56	27.33	-90.00	2,907.82	-6,830.42	1,395.87	1,313.48	82.39	16.942		
17,100.00	7,690.00	7,632.00	7,632.00	239.21	27.33	-90.00	2,907.82	-6,830.42	1,494.64	1,412.61	82.03	18.221		
17,200.00	7,690.00	7,632.00	7,632.00	241.86	27.33	-90.00	2,907.82	-6,830.42	1,593.56	1,511.78	81.78	19.486		
17,300.00	7,690.00	7,632.00	7,632.00	244.52	27.33	-90.00	2,907.82	-6,830.42	1,692.61	1,611.00	81.61	20.739		
17,400.00	7,690.00	7,632.00	7,632.00	247.17	27.33	-90.00	2,907.82	-6,830.42	1,791.77	1,710.25	81.51	21.981		
17,500.00	7,690.00	7,632.00	7,632.00	249.83	27.33	-90.00	2,907.82	-6,830.42	1,891.01	1,809.55	81.46	23.214		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
17,600.00	7,690.00	7,632.00	7,632.00	252.49	27.33	-90.00	2,907.82	-6,830.42	1,990.33	1,908.89	81.44	24.439	
17,700.00	7,690.00	7,632.00	7,632.00	255.15	27.33	-90.00	2,907.82	-6,830.42	2,089.72	2,008.27	81.45	25.657	
17,800.00	7,690.00	7,632.00	7,632.00	257.81	27.33	-90.00	2,907.82	-6,830.42	2,189.16	2,107.68	81.48	26.868	
17,900.00	7,690.00	7,632.00	7,632.00	260.47	27.33	-90.00	2,907.82	-6,830.42	2,288.65	2,207.12	81.53	28.073	
18,000.00	7,690.00	7,632.00	7,632.00	263.13	27.33	-90.00	2,907.82	-6,830.42	2,388.18	2,306.59	81.58	29.272	
18,100.00	7,690.00	7,632.00	7,632.00	265.79	27.33	-90.00	2,907.82	-6,830.42	2,487.75	2,406.09	81.65	30.467	
18,200.00	7,690.00	7,632.00	7,632.00	268.45	27.33	-90.00	2,907.82	-6,830.42	2,587.35	2,505.62	81.73	31.658	
18,300.00	7,690.00	7,632.00	7,632.00	271.11	27.33	-90.00	2,907.82	-6,830.42	2,686.98	2,605.17	81.81	32.844	
18,400.00	7,690.00	7,632.00	7,632.00	273.78	27.33	-90.00	2,907.82	-6,830.42	2,786.64	2,704.75	81.90	34.026	
18,500.00	7,690.00	7,632.00	7,632.00	276.44	27.33	-90.00	2,907.82	-6,830.42	2,886.33	2,804.34	81.99	35.205	
18,602.86	7,690.00	7,632.00	7,632.00	279.18	27.33	-90.00	2,907.82	-6,830.42	2,988.88	2,906.80	82.08	36.415	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-0.20	80.14	-0.28	80.14					
100.00	100.00	100.00	100.00	0.27	0.27	-0.20	80.14	-0.28	80.14	79.60	0.54	149.040	CC, ES	
200.00	200.00	197.25	197.23	0.63	0.62	-0.14	81.79	-0.20	81.83	80.58	1.25	65.380		
300.00	300.00	294.27	294.12	0.99	0.98	0.04	86.71	0.06	86.91	84.95	1.97	44.210		
400.00	399.98	390.99	390.49	1.34	1.33	-13.19	94.89	0.49	93.67	91.00	2.67	35.064		
500.00	499.84	487.50	486.32	1.71	1.71	-13.48	106.27	1.08	100.40	97.02	3.37	29.775		
600.00	599.45	583.79	581.49	2.07	2.10	-14.06	120.84	1.85	107.09	103.02	4.07	26.293		
700.00	698.70	679.86	675.91	2.45	2.52	-14.87	138.54	2.77	113.78	109.00	4.78	23.815		
800.00	797.47	775.71	769.46	2.85	2.97	-15.86	159.35	3.86	120.45	114.97	5.49	21.952		
900.00	895.62	871.34	862.06	3.28	3.45	-17.01	183.22	5.10	127.15	120.94	6.21	20.486		
1,000.00	993.06	966.76	953.60	3.73	3.97	-18.29	210.09	6.51	133.88	126.95	6.93	19.321		
1,100.00	1,089.64	1,061.96	1,043.99	4.23	4.52	-19.68	239.92	8.07	140.67	132.99	7.68	18.310		
1,200.00	1,185.27	1,156.95	1,133.13	4.75	5.11	-21.15	272.65	9.78	147.54	139.09	8.46	17.447		
1,300.00	1,279.82	1,251.73	1,220.95	5.33	5.74	-22.70	308.24	11.64	154.52	145.26	9.26	16.685		
1,400.00	1,373.17	1,346.30	1,307.36	5.94	6.41	-24.30	346.62	13.64	161.64	151.53	10.11	15.994		
1,500.00	1,465.21	1,440.66	1,392.26	6.60	7.11	-25.95	387.74	15.79	168.91	157.90	11.00	15.354		
1,554.30	1,514.61	1,491.82	1,437.71	6.98	7.51	-26.85	411.19	17.02	172.93	161.42	11.51	15.025		
1,600.00	1,556.00	1,534.81	1,475.57	7.30	7.86	-27.60	431.52	18.08	176.67	164.72	11.95	14.786		
1,700.00	1,646.56	1,633.59	1,562.04	8.03	8.67	-29.10	479.21	20.57	186.03	173.00	13.03	14.273		
1,800.00	1,737.13	1,733.04	1,649.08	8.76	9.50	-30.45	527.24	23.08	195.53	181.36	14.17	13.802		
1,900.00	1,827.70	1,832.48	1,736.13	9.50	10.33	-31.69	575.27	25.59	205.13	189.80	15.33	13.380		
2,000.00	1,918.27	1,931.93	1,823.17	10.25	11.18	-32.81	623.30	28.10	214.81	198.29	16.52	13.002		
2,100.00	2,008.83	2,031.37	1,910.21	11.00	12.02	-33.83	671.33	30.61	224.57	206.83	17.73	12.663		
2,200.00	2,099.40	2,130.82	1,997.25	11.76	12.87	-34.77	719.36	33.12	234.39	215.42	18.97	12.358		
2,300.00	2,189.97	2,230.27	2,084.30	12.52	13.72	-35.63	767.39	35.63	244.27	224.05	20.22	12.083		
2,400.00	2,280.53	2,329.71	2,171.34	13.28	14.57	-36.43	815.42	38.14	254.20	232.72	21.48	11.834		
2,500.00	2,371.10	2,429.16	2,258.38	14.05	15.43	-37.16	863.45	40.65	264.17	241.41	22.76	11.608		
2,600.00	2,461.67	2,528.60	2,345.42	14.81	16.28	-37.85	911.48	43.16	274.19	250.14	24.05	11.403		
2,700.00	2,552.24	2,628.05	2,432.46	15.58	17.14	-38.48	959.51	45.67	284.24	258.89	25.34	11.215		
2,800.00	2,642.80	2,727.50	2,519.51	16.35	18.00	-39.07	1,007.54	48.18	294.32	267.67	26.65	11.043		
2,900.00	2,733.37	2,826.94	2,606.55	17.13	18.86	-39.62	1,055.57	50.69	304.43	276.46	27.97	10.885		
3,000.00	2,823.94	2,926.39	2,693.59	17.90	19.72	-40.14	1,103.60	53.20	314.57	285.28	29.29	10.739		
3,100.00	2,914.51	3,025.84	2,780.63	18.67	20.58	-40.62	1,151.63	55.71	324.73	294.11	30.62	10.605		
3,200.00	3,005.07	3,125.28	2,867.67	19.45	21.44	-41.08	1,199.66	58.22	334.91	302.96	31.96	10.481		
3,300.00	3,095.64	3,224.73	2,954.72	20.22	22.30	-41.51	1,247.69	60.73	345.12	311.82	33.30	10.365		
3,400.00	3,186.21	3,324.17	3,041.76	21.00	23.17	-41.91	1,295.72	63.24	355.34	320.70	34.64	10.258		
3,500.00	3,276.77	3,423.62	3,128.80	21.77	24.03	-42.29	1,343.75	65.75	365.57	329.58	35.99	10.158		
3,600.00	3,367.34	3,523.07	3,215.84	22.55	24.89	-42.65	1,391.78	68.26	375.83	338.48	37.34	10.065		
3,700.00	3,457.91	3,622.51	3,302.89	23.33	25.76	-42.99	1,439.81	70.77	386.09	347.39	38.70	9.977		
3,800.00	3,548.48	3,721.96	3,389.93	24.11	26.62	-43.31	1,487.84	73.28	396.37	356.31	40.06	9.895		
3,900.00	3,639.04	3,821.40	3,476.97	24.88	27.48	-43.62	1,535.87	75.79	406.66	365.24	41.42	9.818		
4,000.00	3,729.61	3,920.85	3,564.01	25.66	28.35	-43.91	1,583.90	78.30	416.96	374.18	42.78	9.746		
4,100.00	3,820.18	4,020.30	3,651.05	26.44	29.21	-44.19	1,631.93	80.81	427.28	383.13	44.15	9.678		
4,200.00	3,910.74	4,119.74	3,738.10	27.22	30.08	-44.46	1,679.96	83.32	437.60	392.08	45.52	9.613		
4,300.00	4,001.31	4,219.19	3,825.14	28.00	30.94	-44.71	1,727.99	85.83	447.93	401.04	46.89	9.553		
4,400.00	4,091.88	4,318.63	3,912.18	28.78	31.81	-44.95	1,776.02	88.34	458.27	410.00	48.26	9.495		
4,500.00	4,182.45	4,418.08	3,999.22	29.56	32.68	-45.18	1,824.05	90.84	468.61	418.97	49.64	9.440		
4,600.00	4,273.01	4,517.53	4,086.27	30.34	33.54	-45.40	1,872.08	93.35	478.97	427.95	51.02	9.389		
4,700.00	4,363.58	4,616.97	4,173.31	31.12	34.41	-45.61	1,920.11	95.86	489.33	436.93	52.39	9.339		
4,800.00	4,454.15	4,716.42	4,260.35	31.90	35.27	-45.81	1,968.14	98.37	499.69	445.92	53.77	9.293		
4,900.00	4,544.72	4,815.86	4,347.39	32.68	36.14	-46.01	2,016.17	100.88	510.06	454.91	55.15	9.248		
5,000.00	4,635.28	4,915.31	4,434.43	33.46	37.01	-46.19	2,064.20	103.39	520.44	463.91	56.54	9.206		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	5,014.76	4,521.48	34.24	37.87	-46.37	2,112.23	105.90	530.82	472.91	57.92	9.165		
5,200.00	4,816.42	5,114.20	4,608.52	35.02	38.74	-46.54	2,160.26	108.41	541.21	481.91	59.30	9.126		
5,300.00	4,906.98	5,213.65	4,695.56	35.81	39.61	-46.71	2,208.29	110.92	551.61	490.92	60.69	9.089		
5,400.00	4,997.55	5,313.10	4,782.60	36.59	40.47	-46.87	2,256.32	113.43	562.00	499.93	62.07	9.054		
5,500.00	5,088.12	5,412.54	4,869.64	37.37	41.34	-47.02	2,304.35	115.94	572.40	508.94	63.46	9.020		
5,600.00	5,178.69	5,511.99	4,956.69	38.15	42.21	-47.17	2,352.38	118.45	582.81	517.96	64.85	8.987		
5,700.00	5,269.25	5,611.43	5,043.73	38.93	43.07	-47.31	2,400.41	120.96	593.22	526.98	66.24	8.956		
5,800.00	5,359.82	5,710.88	5,130.77	39.71	43.94	-47.45	2,448.44	123.47	603.63	536.00	67.63	8.926		
5,900.00	5,450.39	5,810.33	5,217.81	40.50	44.81	-47.59	2,496.47	125.98	614.05	545.03	69.02	8.897		
6,000.00	5,540.95	5,909.77	5,304.86	41.28	45.68	-47.71	2,544.50	128.49	624.46	554.06	70.41	8.869		
6,100.00	5,631.52	6,009.22	5,391.90	42.06	46.54	-47.84	2,592.53	131.00	634.89	563.09	71.80	8.843		
6,200.00	5,722.09	6,108.66	5,478.94	42.84	47.41	-47.96	2,640.56	133.51	645.31	572.12	73.19	8.817		
6,300.00	5,812.66	6,208.11	5,565.98	43.62	48.28	-48.08	2,688.59	136.02	655.74	581.15	74.58	8.792		
6,400.00	5,903.22	6,307.56	5,653.02	44.41	49.14	-48.19	2,736.62	138.53	666.17	590.19	75.98	8.768		
6,500.00	5,993.79	6,407.00	5,740.07	45.19	50.01	-48.30	2,784.65	141.04	676.60	599.23	77.37	8.745		
6,600.00	6,084.36	6,506.45	5,827.11	45.97	50.88	-48.41	2,832.68	143.55	687.04	608.27	78.76	8.723		
6,700.00	6,174.93	6,605.89	5,914.15	46.75	51.75	-48.51	2,880.71	146.06	697.47	617.32	80.16	8.701		
6,800.00	6,265.49	6,705.34	6,001.19	47.54	52.61	-48.61	2,928.74	148.57	707.91	626.36	81.55	8.680		
6,900.00	6,356.06	6,804.79	6,088.24	48.32	53.48	-48.71	2,976.77	151.08	718.35	635.41	82.95	8.660		
7,000.00	6,446.63	6,904.23	6,175.28	49.10	54.35	-48.80	3,024.80	153.59	728.80	644.45	84.34	8.641		
7,100.00	6,537.19	7,003.68	6,262.32	49.88	55.22	-48.89	3,072.83	156.10	739.24	653.50	85.74	8.622		
7,200.00	6,627.76	7,103.12	6,349.36	50.67	56.09	-48.98	3,120.86	158.61	749.69	662.55	87.14	8.604		
7,300.00	6,718.33	7,202.57	6,436.40	51.45	56.95	-49.07	3,168.89	161.12	760.14	671.61	88.53	8.586		
7,400.00	6,808.90	7,302.02	6,523.45	52.23	57.82	-49.15	3,216.92	163.63	770.59	680.66	89.93	8.569		
7,500.00	6,899.46	7,401.46	6,610.49	53.01	58.69	-49.24	3,264.95	166.14	781.04	689.72	91.33	8.552		
7,600.00	6,990.03	7,500.91	6,697.53	53.80	59.56	-49.32	3,312.98	168.65	791.50	698.77	92.72	8.536		
7,700.00	7,080.60	7,600.36	6,784.57	54.58	60.42	-49.39	3,361.01	171.16	801.95	707.83	94.12	8.520		
7,743.09	7,119.63	7,643.21	6,822.08	54.92	60.80	-49.43	3,381.71	172.24	806.46	711.73	94.72	8.514		
7,750.00	7,125.88	7,650.08	6,828.10	54.97	60.86	-48.03	3,385.03	172.41	807.16	712.34	94.82	8.513		
7,800.00	7,171.32	7,699.91	6,871.71	55.35	61.29	-37.36	3,409.10	173.67	810.68	715.31	95.37	8.500		
7,850.00	7,216.74	7,749.63	6,915.23	55.71	61.73	-26.29	3,433.11	174.92	811.54	715.84	95.70	8.480		
7,900.00	7,261.79	7,798.85	6,958.31	56.05	62.16	-15.60	3,456.88	176.17	809.80	714.02	95.79	8.454		
7,950.00	7,306.14	7,847.21	7,000.63	56.37	62.58	-5.78	3,480.23	177.39	805.58	709.95	95.62	8.424		
8,000.00	7,349.44	7,894.32	7,041.87	56.66	62.99	3.02	3,502.99	178.58	799.05	703.85	95.20	8.393		
8,050.00	7,391.36	7,939.85	7,081.72	56.92	63.39	10.90	3,524.98	179.72	790.47	695.97	94.50	8.364		
8,100.00	7,431.59	7,983.43	7,119.86	57.16	63.77	18.03	3,546.03	180.82	780.14	686.62	93.53	8.342		
8,150.00	7,469.82	8,024.74	7,156.02	57.37	64.13	24.58	3,565.98	181.87	768.44	676.17	92.26	8.329		
8,200.00	7,505.76	8,063.46	7,189.91	57.55	64.47	30.65	3,584.68	182.84	755.78	665.06	90.72	8.331		
8,250.00	7,539.14	8,131.73	7,249.53	57.71	65.06	38.30	3,617.55	187.51	742.08	652.96	89.12	8.327 SF		
8,300.00	7,569.69	8,187.42	7,297.56	57.84	65.54	45.57	3,643.97	197.21	727.31	640.49	86.82	8.377		
8,350.00	7,597.20	8,222.19	7,327.05	57.96	65.83	51.27	3,660.17	205.95	713.26	628.96	84.31	8.460		
8,400.00	7,621.44	8,242.49	7,344.03	58.04	66.00	55.46	3,669.49	211.99	701.13	619.22	81.92	8.559		
8,450.00	7,642.24	8,252.71	7,352.52	58.11	66.08	58.31	3,674.15	215.29	691.66	611.82	79.84	8.663		
8,500.00	7,659.43	8,255.79	7,355.06	58.16	66.10	60.02	3,675.54	216.32	685.28	607.06	78.22	8.761		
8,550.00	7,672.90	8,253.68	7,353.32	58.19	66.09	60.76	3,674.59	215.61	682.18	604.99	77.19	8.838		
8,571.50	7,677.51	8,251.52	7,351.53	58.19	66.07	60.81	3,673.61	214.90	681.88	604.93	76.95	8.861		
8,600.00	7,682.52	8,247.71	7,348.37	58.20	66.04	60.65	3,671.87	213.66	682.41	605.58	76.83	8.883		
8,650.00	7,688.23	8,238.80	7,340.96	58.19	65.97	59.82	3,667.81	210.84	685.86	608.69	77.17	8.888		
8,697.19	7,690.00	8,228.30	7,332.17	58.18	65.88	58.44	3,662.99	207.70	691.88	613.77	78.11	8.858		
8,700.00	7,690.00	8,227.62	7,331.61	58.17	65.87	58.38	3,662.68	207.50	692.32	614.14	78.18	8.855		
8,800.00	7,690.00	8,200.00	7,308.28	58.15	65.64	56.16	3,649.86	200.14	714.61	632.85	81.76	8.740		
8,900.00	7,690.00	8,190.30	7,300.02	58.17	65.56	55.37	3,645.33	197.86	748.98	661.84	87.14	8.595		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,690.00	8,177.21	7,288.82	58.24	65.45	54.31	3,639.17	195.03	794.15	701.36	92.78	8.559		
9,100.00	7,690.00	8,166.51	7,279.62	58.37	65.36	53.44	3,634.11	192.94	848.47	750.28	98.19	8.642		
9,200.00	7,690.00	8,150.00	7,265.37	58.56	65.22	52.11	3,626.27	190.10	910.43	807.63	102.80	8.856		
9,300.00	7,690.00	8,150.00	7,265.37	58.83	65.22	52.11	3,626.27	190.10	978.45	871.33	107.12	9.134		
9,400.00	7,690.00	8,150.00	7,265.37	59.19	65.22	52.11	3,626.27	190.10	1,051.59	940.86	110.73	9.497		
9,500.00	7,690.00	8,150.00	7,265.37	59.66	65.22	52.11	3,626.27	190.10	1,128.85	1,015.13	113.72	9.927		
9,600.00	7,690.00	8,133.16	7,250.77	60.26	65.07	50.75	3,618.23	187.69	1,209.14	1,093.31	115.83	10.439		
9,700.00	7,690.00	8,128.86	7,247.04	61.01	65.03	50.40	3,616.18	187.15	1,292.27	1,174.47	117.80	10.970		
9,800.00	7,690.00	8,125.05	7,243.72	61.93	65.00	50.09	3,614.35	186.70	1,377.61	1,258.17	119.45	11.533		
9,900.00	7,690.00	8,121.64	7,240.75	63.01	64.97	49.82	3,612.71	186.32	1,464.78	1,343.96	120.82	12.124		
10,000.00	7,690.00	8,118.58	7,238.09	64.27	64.95	49.58	3,611.24	185.99	1,553.48	1,431.50	121.98	12.736		
10,100.00	7,690.00	8,100.00	7,221.88	65.70	64.79	48.09	3,602.31	184.37	1,643.73	1,521.08	122.65	13.401		
10,200.00	7,690.00	8,100.00	7,221.88	67.27	64.79	48.09	3,602.31	184.37	1,734.71	1,611.17	123.54	14.042		
10,300.00	7,690.00	8,100.00	7,221.88	68.97	64.79	48.09	3,602.31	184.37	1,826.63	1,702.33	124.30	14.695		
10,400.00	7,690.00	8,100.00	7,221.88	70.79	64.79	48.09	3,602.31	184.37	1,919.36	1,794.40	124.96	15.360		
10,500.00	7,690.00	8,100.00	7,221.88	72.70	64.79	48.09	3,602.31	184.37	2,012.79	1,887.26	125.53	16.034		
10,600.00	7,690.00	8,100.00	7,221.88	74.69	64.79	48.09	3,602.31	184.37	2,106.82	1,980.79	126.03	16.717		
10,700.00	7,690.00	8,100.00	7,221.88	76.74	64.79	48.09	3,602.31	184.37	2,201.37	2,074.91	126.47	17.407		
10,800.00	7,690.00	8,100.00	7,221.88	78.86	64.79	48.09	3,602.31	184.37	2,296.39	2,169.54	126.85	18.103		
10,900.00	7,690.00	8,100.00	7,221.88	81.03	64.79	48.09	3,602.31	184.37	2,391.81	2,264.62	127.20	18.804		
11,000.00	7,690.00	8,100.00	7,221.88	83.24	64.79	48.09	3,602.31	184.37	2,487.60	2,360.09	127.50	19.510		
11,100.00	7,690.00	8,100.00	7,221.88	85.49	64.79	48.09	3,602.31	184.37	2,583.70	2,455.92	127.78	20.221		
11,200.00	7,690.00	8,100.00	7,221.88	87.77	64.79	48.09	3,602.31	184.37	2,680.09	2,552.06	128.02	20.935		
11,300.00	7,690.00	8,100.00	7,221.88	90.09	64.79	48.09	3,602.31	184.37	2,776.73	2,648.49	128.24	21.652		
11,400.00	7,690.00	8,100.00	7,221.88	92.43	64.79	48.09	3,602.31	184.37	2,873.60	2,745.16	128.45	22.372		
11,500.00	7,690.00	8,100.00	7,221.88	94.79	64.79	48.09	3,602.31	184.37	2,970.68	2,842.05	128.63	23.095		
11,600.00	7,690.00	8,100.00	7,221.88	97.17	64.79	48.09	3,602.31	184.37	3,067.95	2,939.15	128.80	23.819		
11,700.00	7,690.00	8,100.00	7,221.88	99.57	64.79	48.09	3,602.31	184.37	3,165.39	3,036.43	128.95	24.546		
11,800.00	7,690.00	8,100.00	7,221.88	101.99	64.79	48.09	3,602.31	184.37	3,262.98	3,133.89	129.10	25.275		
11,900.00	7,690.00	8,100.00	7,221.88	104.43	64.79	48.09	3,602.31	184.37	3,360.72	3,231.49	129.23	26.006		
12,000.00	7,690.00	8,100.00	7,221.88	106.88	64.79	48.09	3,602.31	184.37	3,458.58	3,329.23	129.35	26.738		
12,100.00	7,690.00	8,100.00	7,221.88	109.34	64.79	48.09	3,602.31	184.37	3,556.56	3,427.10	129.47	27.471		
12,200.00	7,690.00	8,088.32	7,211.67	111.81	64.68	47.17	3,596.68	183.66	3,654.52	3,525.14	129.39	28.245		
12,300.00	7,690.00	8,087.69	7,211.12	114.30	64.68	47.12	3,596.38	183.63	3,752.70	3,623.22	129.48	28.984		
12,400.00	7,690.00	8,087.08	7,210.59	116.79	64.67	47.07	3,596.09	183.60	3,850.97	3,721.41	129.56	29.724		
12,500.00	7,690.00	8,086.51	7,210.08	119.30	64.67	47.02	3,595.81	183.57	3,949.33	3,819.69	129.64	30.464		
12,600.00	7,690.00	8,085.95	7,209.60	121.81	64.66	46.98	3,595.54	183.54	4,047.77	3,918.05	129.71	31.205		
12,700.00	7,690.00	8,085.42	7,209.14	124.33	64.66	46.94	3,595.29	183.52	4,146.28	4,016.49	129.78	31.947		
12,800.00	7,690.00	8,073.64	7,198.83	126.86	64.56	46.01	3,589.60	183.10	4,244.98	4,115.31	129.67	32.736		
12,900.00	7,690.00	8,073.64	7,198.83	129.40	64.56	46.01	3,589.60	183.10	4,343.62	4,213.87	129.75	33.478		
13,000.00	7,690.00	8,073.64	7,198.83	131.94	64.56	46.01	3,589.60	183.10	4,442.31	4,312.50	129.81	34.221		
13,100.00	7,690.00	8,073.64	7,198.83	134.49	64.56	46.01	3,589.60	183.10	4,541.06	4,411.19	129.88	34.964		
13,200.00	7,690.00	8,073.64	7,198.83	137.05	64.56	46.01	3,589.60	183.10	4,639.87	4,509.93	129.94	35.707		
13,300.00	7,690.00	8,073.64	7,198.83	139.61	64.56	46.01	3,589.60	183.10	4,738.73	4,608.72	130.00	36.451		
13,400.00	7,690.00	8,073.64	7,198.83	142.18	64.56	46.01	3,589.60	183.10	4,837.63	4,707.57	130.06	37.195		
13,500.00	7,690.00	8,073.64	7,198.83	144.75	64.56	46.01	3,589.60	183.10	4,936.58	4,806.46	130.12	37.939		
13,600.00	7,690.00	8,073.64	7,198.83	147.33	64.56	46.01	3,589.60	183.10	5,035.57	4,905.39	130.17	38.684		
13,700.00	7,690.00	8,073.64	7,198.83	149.91	64.56	46.01	3,589.60	183.10	5,134.59	5,004.37	130.23	39.428		
13,800.00	7,690.00	8,073.64	7,198.83	152.49	64.56	46.01	3,589.60	183.10	5,233.66	5,103.38	130.28	40.173		
13,900.00	7,690.00	8,073.64	7,198.83	155.08	64.56	46.01	3,589.60	183.10	5,332.76	5,202.43	130.33	40.918		
14,000.00	7,690.00	8,073.64	7,198.83	157.67	64.56	46.01	3,589.60	183.10	5,431.89	5,301.52	130.38	41.663		
14,100.00	7,690.00	8,073.64	7,198.83	160.27	64.56	46.01	3,589.60	183.10	5,531.06	5,400.63	130.42	42.408		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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)						
14,200.00	7,690.00	8,073.64	7,198.83	162.87	64.56	46.01	3,589.60	183.10	5,630.25	5,499.78	130.47	43.153		
14,300.00	7,690.00	8,073.64	7,198.83	165.47	64.56	46.01	3,589.60	183.10	5,729.47	5,598.95	130.52	43.899		
14,400.00	7,690.00	8,073.64	7,198.83	168.08	64.56	46.01	3,589.60	183.10	5,828.72	5,698.16	130.56	44.644		
14,500.00	7,690.00	8,073.64	7,198.83	170.69	64.56	46.01	3,589.60	183.10	5,927.99	5,797.39	130.61	45.389		
14,600.00	7,690.00	8,073.64	7,198.83	173.30	64.56	46.01	3,589.60	183.10	6,027.29	5,896.64	130.65	46.133		
14,700.00	7,690.00	8,073.64	7,198.83	175.91	64.56	46.01	3,589.60	183.10	6,126.61	5,995.92	130.69	46.878		
14,800.00	7,690.00	8,073.64	7,198.83	178.53	64.56	46.01	3,589.60	183.10	6,225.95	6,095.22	130.73	47.623		
14,900.00	7,690.00	8,073.64	7,198.83	181.15	64.56	46.01	3,589.60	183.10	6,325.32	6,194.54	130.78	48.367		
15,000.00	7,690.00	8,073.64	7,198.83	183.77	64.56	46.01	3,589.60	183.10	6,424.70	6,293.88	130.82	49.112		
15,100.00	7,690.00	8,073.64	7,198.83	186.39	64.56	46.01	3,589.60	183.10	6,524.10	6,393.24	130.86	49.856		
15,200.00	7,690.00	8,073.64	7,198.83	189.02	64.56	46.01	3,589.60	183.10	6,623.52	6,492.62	130.90	50.600		
15,300.00	7,690.00	8,073.64	7,198.83	191.65	64.56	46.01	3,589.60	183.10	6,722.96	6,592.02	130.94	51.344		
15,400.00	7,690.00	8,073.64	7,198.83	194.27	64.56	46.01	3,589.60	183.10	6,822.41	6,691.43	130.98	52.087		
15,500.00	7,690.00	8,073.64	7,198.83	196.91	64.56	46.01	3,589.60	183.10	6,921.88	6,790.86	131.02	52.830		
15,600.00	7,690.00	8,073.64	7,198.83	199.54	64.56	46.01	3,589.60	183.10	7,021.36	6,890.30	131.06	53.573		
15,700.00	7,690.00	8,073.64	7,198.83	202.17	64.56	46.01	3,589.60	183.10	7,120.86	6,989.76	131.10	54.316		
15,800.00	7,690.00	8,073.64	7,198.83	204.81	64.56	46.01	3,589.60	183.10	7,220.37	7,089.23	131.14	55.059		
15,900.00	7,690.00	8,073.64	7,198.83	207.45	64.56	46.01	3,589.60	183.10	7,319.90	7,188.72	131.18	55.801		
16,000.00	7,690.00	8,073.64	7,198.83	210.09	64.56	46.01	3,589.60	183.10	7,419.44	7,288.22	131.22	56.543		
16,100.00	7,690.00	8,073.64	7,198.83	212.73	64.56	46.01	3,589.60	183.10	7,518.99	7,387.73	131.26	57.284		
16,200.00	7,690.00	8,073.64	7,198.83	215.37	64.56	46.01	3,589.60	183.10	7,618.55	7,487.25	131.30	58.025		
16,300.00	7,690.00	8,073.64	7,198.83	218.02	64.56	46.01	3,589.60	183.10	7,718.12	7,586.79	131.34	58.766		
16,400.00	7,690.00	8,073.64	7,198.83	220.66	64.56	46.01	3,589.60	183.10	7,817.71	7,686.33	131.38	59.506		
16,500.00	7,690.00	8,073.64	7,198.83	223.31	64.56	46.01	3,589.60	183.10	7,917.30	7,785.89	131.42	60.247		
16,600.00	7,690.00	8,073.64	7,198.83	225.95	64.56	46.01	3,589.60	183.10	8,016.91	7,885.45	131.45	60.986		
16,700.00	7,690.00	8,073.64	7,198.83	228.60	64.56	46.01	3,589.60	183.10	8,116.52	7,985.03	131.49	61.725		
16,800.00	7,690.00	8,073.64	7,198.83	231.25	64.56	46.01	3,589.60	183.10	8,216.15	8,084.62	131.53	62.464		
16,900.00	7,690.00	8,073.64	7,198.83	233.90	64.56	46.01	3,589.60	183.10	8,315.78	8,184.21	131.57	63.203		
17,000.00	7,690.00	8,073.64	7,198.83	236.56	64.56	46.01	3,589.60	183.10	8,415.42	8,283.81	131.61	63.941		
17,100.00	7,690.00	8,073.64	7,198.83	239.21	64.56	46.01	3,589.60	183.10	8,515.07	8,383.42	131.65	64.678		
17,200.00	7,690.00	8,072.33	7,197.67	241.86	64.54	45.91	3,588.96	183.07	8,614.73	8,483.06	131.67	65.426		
17,300.00	7,690.00	8,070.17	7,195.78	244.52	64.52	45.74	3,587.92	183.01	8,714.40	8,582.72	131.68	66.179		
17,400.00	7,690.00	8,068.01	7,193.89	247.17	64.51	45.57	3,586.88	182.96	8,814.07	8,682.38	131.69	66.933		
17,500.00	7,690.00	8,065.85	7,192.00	249.83	64.49	45.41	3,585.83	182.90	8,913.75	8,782.06	131.69	67.686		
17,600.00	7,690.00	8,063.69	7,190.12	252.49	64.47	45.24	3,584.79	182.85	9,013.44	8,881.74	131.70	68.439		
17,700.00	7,690.00	8,061.53	7,188.23	255.15	64.45	45.07	3,583.75	182.80	9,113.13	8,981.42	131.71	69.192		
17,800.00	7,690.00	8,059.37	7,186.34	257.81	64.43	44.90	3,582.71	182.74	9,212.83	9,081.11	131.72	69.945		
17,900.00	7,690.00	8,057.21	7,184.45	260.47	64.41	44.74	3,581.66	182.69	9,312.53	9,180.81	131.72	70.698		
18,000.00	7,690.00	8,055.05	7,182.56	263.13	64.39	44.57	3,580.62	182.63	9,412.24	9,280.51	131.73	71.450		
18,100.00	7,690.00	8,052.89	7,180.67	265.79	64.37	44.40	3,579.58	182.58	9,511.96	9,380.22	131.74	72.202		
18,200.00	7,690.00	8,050.74	7,178.78	268.45	64.36	44.24	3,578.53	182.52	9,611.68	9,479.93	131.75	72.955		
18,300.00	7,690.00	8,048.58	7,176.89	271.11	64.34	44.07	3,577.49	182.47	9,711.41	9,579.65	131.76	73.707		
18,400.00	7,690.00	8,046.42	7,175.00	273.78	64.32	43.91	3,576.45	182.41	9,811.14	9,679.37	131.77	74.458		
18,500.00	7,690.00	8,044.26	7,173.11	276.44	64.30	43.74	3,575.41	182.36	9,910.88	9,779.10	131.78	75.210		
18,602.86	7,690.00	8,042.04	7,171.16	279.18	64.28	43.57	3,574.33	182.30	10,013.47	9,881.69	131.79	75.983		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 3AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
100.00	100.00	79.39	79.39	0.27	0.10	100.12	-181.29	1,015.26	1,031.32	1,030.94	0.37	2,762.801		
200.00	200.00	179.59	179.59	0.63	0.43	100.10	-180.94	1,015.38	1,031.37	1,030.31	1.06	975.149		
300.00	300.00	278.84	278.84	0.99	0.79	100.07	-180.41	1,015.54	1,031.44	1,029.67	1.77	582.158		
400.00	399.98	378.31	378.31	1.34	1.14	86.85	-179.77	1,015.80	1,031.49	1,029.00	2.49	414.918		
500.00	499.84	478.55	478.54	1.71	1.50	87.11	-179.16	1,016.06	1,031.36	1,028.15	3.20	321.814		
600.00	599.45	579.19	579.18	2.07	1.86	87.57	-178.55	1,016.25	1,031.03	1,027.09	3.93	262.181		
700.00	698.70	678.79	678.78	2.45	2.22	88.22	-178.04	1,016.34	1,030.56	1,025.89	4.67	220.682		
800.00	797.47	777.63	777.62	2.85	2.57	89.06	-177.59	1,016.48	1,030.23	1,024.81	5.42	189.942		
900.00	895.62	879.02	879.01	3.28	2.93	90.12	-177.10	1,016.38	1,029.89	1,023.68	6.21	165.836		
976.91	970.62	955.02	955.01	3.63	3.20	91.04	-176.77	1,016.16	1,029.76	1,022.93	6.83	150.779 CC		
1,000.00	993.06	977.57	977.55	3.73	3.28	91.34	-176.68	1,016.08	1,029.78	1,022.76	7.01	146.806		
1,100.00	1,089.64	1,073.89	1,073.87	4.23	3.62	92.70	-176.30	1,015.74	1,030.26	1,022.42	7.84	131.337 ES		
1,200.00	1,185.27	1,168.84	1,168.82	4.75	3.96	94.20	-176.06	1,015.45	1,031.72	1,023.01	8.71	118.493		
1,300.00	1,279.82	1,263.27	1,263.25	5.33	4.29	95.84	-175.79	1,015.21	1,034.38	1,024.77	9.61	107.649		
1,400.00	1,373.17	1,357.32	1,357.31	5.94	4.62	97.60	-175.55	1,014.94	1,038.49	1,027.94	10.55	98.467		
1,500.00	1,465.21	1,448.83	1,448.81	6.60	4.94	99.44	-175.49	1,014.57	1,044.35	1,032.84	11.51	90.724		
1,554.30	1,514.61	1,498.65	1,498.63	6.98	5.12	100.48	-175.40	1,014.43	1,048.42	1,036.37	12.05	87.002		
1,600.00	1,556.00	1,541.72	1,541.70	7.30	5.27	101.45	-175.27	1,014.27	1,052.25	1,039.73	12.51	84.084		
1,700.00	1,646.56	1,633.36	1,633.34	8.03	5.59	103.51	-174.87	1,013.83	1,061.64	1,048.11	13.52	78.508		
1,800.00	1,737.13	1,724.61	1,724.59	8.76	5.92	105.53	-174.47	1,013.37	1,072.58	1,058.05	14.53	73.840		
1,900.00	1,827.70	1,812.76	1,812.74	9.50	6.23	107.45	-174.14	1,012.93	1,085.08	1,069.57	15.51	69.962		
2,000.00	1,918.27	1,903.26	1,903.24	10.25	6.56	109.37	-173.80	1,012.72	1,099.27	1,082.77	16.49	66.654		
2,100.00	2,008.83	1,994.86	1,994.83	11.00	6.88	111.28	-173.57	1,012.31	1,114.77	1,097.30	17.47	63.828		
2,200.00	2,099.40	2,085.59	2,085.56	11.76	7.20	113.12	-173.34	1,011.86	1,131.60	1,113.18	18.42	61.431		
2,300.00	2,189.97	2,174.89	2,174.86	12.52	7.52	114.90	-173.14	1,011.44	1,149.78	1,130.42	19.36	59.404		
2,400.00	2,280.53	2,261.32	2,261.29	13.28	7.83	116.56	-173.03	1,011.25	1,169.44	1,149.17	20.26	57.710		
2,500.00	2,371.10	2,351.20	2,351.17	14.05	8.15	118.24	-172.98	1,011.26	1,190.47	1,169.30	21.17	56.237		
2,600.00	2,461.67	2,443.66	2,443.63	14.81	8.47	119.92	-172.91	1,011.22	1,212.57	1,190.50	22.07	54.945		
2,700.00	2,552.24	2,533.15	2,533.12	15.58	8.79	121.48	-172.82	1,011.16	1,235.69	1,212.74	22.94	53.858		
2,800.00	2,642.80	2,623.45	2,623.42	16.35	9.11	123.01	-172.74	1,011.17	1,259.86	1,236.06	23.81	52.918		
2,900.00	2,733.37	2,715.35	2,715.32	17.13	9.44	124.52	-172.66	1,011.14	1,284.95	1,260.28	24.67	52.092		
3,000.00	2,823.94	2,805.25	2,805.22	17.90	9.76	125.94	-172.59	1,011.02	1,310.88	1,285.38	25.50	51.407		
3,100.00	2,914.51	2,894.04	2,894.01	18.67	10.06	127.30	-172.60	1,010.95	1,337.75	1,311.44	26.31	50.851		
3,200.00	3,005.07	2,985.68	2,985.65	19.45	10.38	128.65	-172.59	1,011.02	1,365.46	1,338.34	27.12	50.351		
3,300.00	3,095.64	3,077.05	3,077.02	20.22	10.70	129.95	-172.49	1,011.01	1,393.80	1,365.87	27.93	49.910		
3,400.00	3,186.21	3,166.15	3,166.12	21.00	11.01	131.17	-172.40	1,011.04	1,422.85	1,394.14	28.71	49.559		
3,500.00	3,276.77	3,255.97	3,255.94	21.77	11.32	132.35	-172.38	1,011.18	1,452.67	1,423.19	29.48	49.274		
3,600.00	3,367.34	3,347.19	3,347.16	22.55	11.63	133.51	-172.38	1,011.24	1,483.09	1,452.84	30.25	49.030		
3,700.00	3,457.91	3,436.50	3,436.47	23.33	11.94	134.60	-172.34	1,011.35	1,514.06	1,483.06	31.00	48.838		
3,800.00	3,548.48	3,525.56	3,525.52	24.11	12.24	135.64	-172.38	1,011.59	1,545.72	1,513.98	31.75	48.691		
3,900.00	3,639.04	3,617.69	3,617.65	24.88	12.56	136.70	-172.65	1,011.38	1,577.87	1,545.37	32.50	48.557		
4,000.00	3,729.61	3,710.43	3,710.39	25.66	12.88	137.73	-172.88	1,010.95	1,610.37	1,577.13	33.25	48.439		
4,100.00	3,820.18	3,802.32	3,802.28	26.44	13.20	138.71	-172.89	1,010.72	1,643.24	1,609.25	33.99	48.341		
4,200.00	3,910.74	3,892.86	3,892.83	27.22	13.52	139.63	-172.81	1,010.60	1,676.49	1,641.76	34.73	48.269		
4,300.00	4,001.31	3,982.72	3,982.68	28.00	13.84	140.51	-172.73	1,010.60	1,710.19	1,674.73	35.47	48.222		
4,400.00	4,091.88	4,074.16	4,074.12	28.78	14.16	141.37	-172.60	1,010.65	1,744.25	1,708.05	36.20	48.179		
4,500.00	4,182.45	4,165.13	4,165.10	29.56	14.48	142.19	-172.40	1,010.81	1,778.63	1,741.70	36.94	48.154		
4,600.00	4,273.01	4,256.01	4,255.98	30.34	14.80	142.98	-172.19	1,010.92	1,813.33	1,775.66	37.67	48.143		
4,700.00	4,363.58	4,344.92	4,344.89	31.12	15.12	143.73	-172.06	1,010.94	1,848.37	1,809.98	38.38	48.158		
4,800.00	4,454.15	4,431.00	4,430.97	31.90	15.42	144.43	-172.12	1,010.98	1,883.88	1,844.81	39.07	48.218		
4,900.00	4,544.72	4,525.95	4,525.92	32.68	15.74	145.18	-172.17	1,011.05	1,919.68	1,879.87	39.81	48.226		
5,000.00	4,635.28	4,603.58	4,603.54	33.46	16.01	145.77	-172.42	1,010.95	1,955.93	1,915.49	40.44	48.369		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 3AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	4,707.95	4,707.91	34.24	16.37	146.56	-172.95	1,010.59	1,992.54	1,951.31	41.23	48.332		
5,200.00	4,816.42	4,796.43	4,796.39	35.02	16.68	147.19	-172.91	1,010.45	2,028.96	1,987.04	41.92	48.397		
5,300.00	4,906.98	4,951.32	4,951.25	35.81	17.22	148.28	-171.44	1,008.31	2,064.67	2,021.66	43.00	48.013		
5,400.00	4,997.55	5,157.31	5,156.62	36.59	17.95	149.85	-161.90	996.04	2,095.79	2,051.52	44.26	47.349		
5,500.00	5,088.12	5,581.80	5,573.75	37.37	19.50	153.05	-101.55	950.78	2,116.83	2,070.87	45.95	46.066		
5,600.00	5,178.69	5,682.22	5,670.86	38.15	19.89	153.80	-79.88	937.28	2,131.48	2,084.80	46.68	45.660		
5,700.00	5,269.25	5,753.00	5,739.44	38.93	20.16	154.33	-65.33	927.51	2,147.32	2,099.96	47.36	45.343		
5,800.00	5,359.82	5,825.07	5,809.33	39.71	20.45	154.89	-51.49	916.73	2,164.53	2,116.51	48.02	45.075		
5,900.00	5,450.39	5,898.86	5,880.83	40.50	20.75	155.50	-38.26	904.13	2,182.91	2,134.24	48.67	44.850		
6,000.00	5,540.95	5,979.78	5,959.11	41.28	21.08	156.21	-24.87	888.63	2,202.54	2,153.22	49.32	44.654		
6,100.00	5,631.52	6,182.37	6,152.95	42.06	21.94	158.12	11.05	842.18	2,221.26	2,171.05	50.22	44.234		
6,200.00	5,722.09	6,330.50	6,291.94	42.84	22.63	159.63	41.97	801.37	2,236.37	2,185.39	50.98	43.867		
6,300.00	5,812.66	6,487.90	6,437.46	43.62	23.41	161.32	77.57	753.16	2,250.24	2,198.47	51.77	43.466		
6,400.00	5,903.22	6,645.02	6,579.84	44.41	24.26	163.09	117.16	699.81	2,261.72	2,209.14	52.58	43.011		
6,500.00	5,993.79	6,779.34	6,699.39	45.19	25.05	164.66	153.98	650.91	2,271.49	2,218.08	53.41	42.527		
6,600.00	6,084.36	6,970.32	6,867.84	45.97	26.25	166.82	212.86	582.91	2,278.76	2,224.39	54.37	41.911		
6,700.00	6,174.93	7,156.03	7,029.60	46.75	27.51	168.84	278.10	519.21	2,282.89	2,227.52	55.37	41.229		
6,800.00	6,265.49	7,264.00	7,123.41	47.54	28.26	169.96	318.54	484.27	2,286.19	2,229.88	56.31	40.600		
6,900.00	6,356.06	7,335.00	7,230.06	48.32	30.27	169.76	522.89	537.37	2,283.51	2,226.88	56.64	40.317		
7,000.00	6,446.63	7,777.89	7,561.56	49.10	30.35	169.31	542.05	559.26	2,272.10	2,214.45	57.65	39.411		
7,100.00	6,537.19	7,829.00	7,598.94	49.88	30.44	168.68	561.18	588.36	2,265.22	2,206.57	58.65	38.622		
7,200.00	6,627.76	7,829.00	7,598.94	50.67	30.44	168.68	561.18	588.36	2,260.49	2,200.87	59.62	37.916		
7,257.12	6,679.49	7,829.00	7,598.94	51.11	30.44	168.68	561.18	588.36	2,259.77	2,199.64	60.13	37.581		
7,300.00	6,718.33	7,829.00	7,598.94	51.45	30.44	168.68	561.18	588.36	2,260.18	2,199.68	60.49	37.363		
7,400.00	6,808.90	7,865.49	7,625.14	52.23	30.47	168.17	572.30	611.17	2,263.13	2,201.77	61.37	36.879		
7,500.00	6,899.46	7,885.90	7,639.47	53.01	30.49	167.87	577.58	624.71	2,269.93	2,207.79	62.14	36.527		
7,600.00	6,990.03	7,923.00	7,664.80	53.80	30.52	167.28	585.42	650.65	2,280.68	2,217.76	62.93	36.243		
7,700.00	7,080.60	7,923.00	7,664.80	54.58	30.52	167.28	585.42	650.65	2,294.55	2,231.09	63.46	36.155		
7,743.09	7,119.63	7,950.69	7,682.87	54.92	30.54	166.81	590.25	671.06	2,301.63	2,237.78	63.85	36.047		
7,750.00	7,125.88	7,954.70	7,685.42	54.97	30.54	168.31	590.92	674.09	2,302.81	2,238.90	63.91	36.033		
7,800.00	7,171.32	7,980.78	7,701.47	55.35	30.55	179.57	595.15	694.21	2,311.76	2,247.45	64.31	35.945		
7,850.00	7,216.74	8,001.81	7,713.77	55.71	30.56	-169.09	598.32	710.95	2,321.52	2,256.84	64.67	35.897		
7,900.00	7,261.79	8,018.26	7,723.01	56.05	30.57	-158.41	600.68	724.36	2,332.13	2,267.15	64.98	35.890		
7,950.00	7,306.14	8,044.09	7,736.84	56.37	30.58	-149.19	604.27	745.88	2,343.58	2,278.18	65.39	35.838 SF		
8,000.00	7,349.44	8,060.34	7,745.13	56.66	30.59	-141.11	606.50	759.67	2,355.83	2,290.13	65.70	35.857		
8,050.00	7,391.36	8,068.96	7,749.40	56.92	30.59	-134.09	607.68	767.07	2,368.90	2,302.98	65.92	35.938		
8,100.00	7,431.59	8,071.53	7,750.66	57.16	30.60	-127.97	608.03	769.28	2,382.72	2,316.67	66.05	36.074		
8,150.00	7,469.82	8,069.27	7,749.55	57.37	30.59	-122.57	607.72	767.33	2,397.21	2,331.09	66.12	36.255		
8,200.00	7,505.76	8,063.11	7,746.51	57.55	30.59	-117.76	606.88	762.04	2,412.22	2,346.08	66.14	36.474		
8,250.00	7,539.14	8,053.78	7,741.82	57.71	30.59	-113.43	605.60	754.08	2,427.60	2,361.49	66.11	36.722		
8,300.00	7,569.69	8,041.87	7,735.68	57.84	30.58	-109.50	603.96	744.01	2,443.19	2,377.14	66.05	36.990		
8,350.00	7,597.20	8,027.83	7,728.22	57.96	30.58	-105.93	602.01	732.27	2,458.82	2,392.85	65.97	37.270		
8,400.00	7,621.44	8,018.00	7,722.86	58.04	30.57	-102.81	600.64	724.15	2,474.32	2,408.36	65.96	37.512		
8,450.00	7,642.24	8,018.00	7,722.86	58.11	30.57	-100.21	600.64	724.15	2,489.65	2,423.56	66.09	37.668		
8,500.00	7,659.43	8,018.00	7,722.86	58.16	30.57	-97.89	600.64	724.15	2,504.71	2,438.45	66.26	37.803		
8,550.00	7,672.90	7,981.73	7,702.03	58.19	30.55	-95.18	595.28	694.95	2,518.75	2,452.72	66.03	38.145		
8,600.00	7,682.52	7,969.18	7,694.43	58.20	30.55	-93.21	593.30	685.17	2,532.40	2,466.29	66.11	38.308		
8,650.00	7,688.23	7,956.00	7,686.24	58.19	30.54	-91.52	591.14	675.07	2,545.26	2,479.05	66.21	38.444		
8,697.19	7,690.00	7,923.00	7,664.80	58.18	30.52	-89.88	585.42	650.65	2,556.76	2,490.67	66.09	38.686		
8,700.00	7,690.00	7,923.00	7,664.80	58.17	30.52	-89.88	585.42	650.65	2,557.39	2,491.28	66.11	38.686		
8,800.00	7,690.00	7,923.00	7,664.80	58.15	30.52	-89.88	585.42	650.65	2,581.74	2,515.00	66.75	38.679		
8,900.00	7,690.00	7,923.00	7,664.80	58.17	30.52	-89.88	585.42	650.65	2,609.71	2,542.25	67.46	38.686		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 3AH - OWB - FINAL SURVEY													Offset Site Error:	0.00 usft
Survey Program: 94-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,690.00	7,923.00	7,664.80	58.24	30.52	-89.88	585.42	650.65	2,641.16	2,572.94	68.23	38.712		
9,100.00	7,690.00	7,923.00	7,664.80	58.37	30.52	-89.88	585.42	650.65	2,675.99	2,606.95	69.04	38.762		
9,200.00	7,690.00	7,875.13	7,631.94	58.56	30.48	-89.13	574.88	617.50	2,711.33	2,641.92	69.41	39.063		
9,300.00	7,690.00	7,829.00	7,598.94	58.83	30.44	-88.38	561.18	588.36	2,752.78	2,682.94	69.84	39.415		
9,400.00	7,690.00	7,829.00	7,598.94	59.19	30.44	-88.38	561.18	588.36	2,794.74	2,724.00	70.74	39.509		
9,500.00	7,690.00	7,829.00	7,598.94	59.66	30.44	-88.38	561.18	588.36	2,839.60	2,767.96	71.63	39.640		
9,600.00	7,690.00	7,829.00	7,598.94	60.26	30.44	-88.38	561.18	588.36	2,887.22	2,814.70	72.53	39.809		
9,700.00	7,690.00	7,829.00	7,598.94	61.01	30.44	-88.38	561.18	588.36	2,937.48	2,864.08	73.41	40.016		
9,800.00	7,690.00	7,829.00	7,598.94	61.93	30.44	-88.38	561.18	588.36	2,990.24	2,915.97	74.27	40.262		
9,900.00	7,690.00	7,829.00	7,598.94	63.01	30.44	-88.38	561.18	588.36	3,045.37	2,970.26	75.11	40.544		
10,000.00	7,690.00	7,829.00	7,598.94	64.27	30.44	-88.38	561.18	588.36	3,102.75	3,026.82	75.93	40.863		
10,100.00	7,690.00	7,829.00	7,598.94	65.70	30.44	-88.38	561.18	588.36	3,162.25	3,085.53	76.72	41.217		
10,200.00	7,690.00	7,829.00	7,598.94	67.27	30.44	-88.38	561.18	588.36	3,223.75	3,146.27	77.48	41.605		
10,300.00	7,690.00	7,781.24	7,564.02	68.97	30.35	-87.61	543.43	561.06	3,284.53	3,206.56	77.97	42.128		
10,400.00	7,690.00	7,735.00	7,530.06	70.79	30.27	-86.87	522.89	537.37	3,350.65	3,272.19	78.46	42.706		
10,500.00	7,690.00	7,735.00	7,530.06	72.70	30.27	-86.87	522.89	537.37	3,416.06	3,336.89	79.17	43.150		
10,600.00	7,690.00	7,735.00	7,530.06	74.69	30.27	-86.87	522.89	537.37	3,483.11	3,403.27	79.85	43.623		
10,700.00	7,690.00	7,735.00	7,530.06	76.74	30.27	-86.87	522.89	537.37	3,551.72	3,471.22	80.49	44.124		
10,800.00	7,690.00	7,735.00	7,530.06	78.86	30.27	-86.87	522.89	537.37	3,621.78	3,540.67	81.11	44.650		
10,900.00	7,690.00	7,735.00	7,530.06	81.03	30.27	-86.87	522.89	537.37	3,693.23	3,611.52	81.71	45.201		
11,000.00	7,690.00	7,735.00	7,530.06	83.24	30.27	-86.87	522.89	537.37	3,765.97	3,683.70	82.27	45.775		
11,100.00	7,690.00	7,735.00	7,530.06	85.49	30.27	-86.87	522.89	537.37	3,839.94	3,757.13	82.81	46.371		
11,200.00	7,690.00	7,735.00	7,530.06	87.77	30.27	-86.87	522.89	537.37	3,915.07	3,831.74	83.32	46.987		
11,300.00	7,690.00	7,735.00	7,530.06	90.09	30.27	-86.87	522.89	537.37	3,991.29	3,907.47	83.81	47.622		
11,400.00	7,690.00	7,735.00	7,530.06	92.43	30.27	-86.87	522.89	537.37	4,068.53	3,984.26	84.28	48.275		
11,500.00	7,690.00	7,735.00	7,530.06	94.79	30.27	-86.87	522.89	537.37	4,146.76	4,062.03	84.72	48.945		
11,600.00	7,690.00	7,735.00	7,530.06	97.17	30.27	-86.87	522.89	537.37	4,225.90	4,140.75	85.15	49.631		
11,700.00	7,690.00	7,690.09	7,496.30	99.57	30.16	-86.14	501.14	517.31	4,304.23	4,218.72	85.51	50.337		
11,800.00	7,690.00	7,684.53	7,492.01	101.99	30.14	-86.05	498.42	515.04	4,384.61	4,298.71	85.90	51.044		
11,900.00	7,690.00	7,641.00	7,457.72	104.43	30.03	-85.33	476.88	499.07	4,466.95	4,380.72	86.24	51.799		
12,000.00	7,690.00	7,641.00	7,457.72	106.88	30.03	-85.33	476.88	499.07	4,548.48	4,461.88	86.61	52.519		
12,100.00	7,690.00	7,641.00	7,457.72	109.34	30.03	-85.33	476.88	499.07	4,630.74	4,543.78	86.96	53.252		
12,200.00	7,690.00	7,641.00	7,457.72	111.81	30.03	-85.33	476.88	499.07	4,713.68	4,626.38	87.30	53.997		
12,300.00	7,690.00	7,641.00	7,457.72	114.30	30.03	-85.33	476.88	499.07	4,797.27	4,709.65	87.62	54.752		
12,400.00	7,690.00	7,641.00	7,457.72	116.79	30.03	-85.33	476.88	499.07	4,881.47	4,793.55	87.93	55.518		
12,500.00	7,690.00	7,641.00	7,457.72	119.30	30.03	-85.33	476.88	499.07	4,966.27	4,878.05	88.22	56.294		
12,600.00	7,690.00	7,641.00	7,457.72	121.81	30.03	-85.33	476.88	499.07	5,051.62	4,963.12	88.50	57.079		
12,700.00	7,690.00	7,641.00	7,457.72	124.33	30.03	-85.33	476.88	499.07	5,137.50	5,048.72	88.77	57.872		
12,800.00	7,690.00	7,641.00	7,457.72	126.86	30.03	-85.33	476.88	499.07	5,223.88	5,134.85	89.03	58.674		
12,900.00	7,690.00	7,641.00	7,457.72	129.40	30.03	-85.33	476.88	499.07	5,310.74	5,221.46	89.28	59.484		
13,000.00	7,690.00	7,641.00	7,457.72	131.94	30.03	-85.33	476.88	499.07	5,398.05	5,308.53	89.52	60.301		
13,100.00	7,690.00	7,641.00	7,457.72	134.49	30.03	-85.33	476.88	499.07	5,485.80	5,396.05	89.75	61.125		
13,200.00	7,690.00	7,641.00	7,457.72	137.05	30.03	-85.33	476.88	499.07	5,573.96	5,483.99	89.97	61.955		
13,300.00	7,690.00	7,641.00	7,457.72	139.61	30.03	-85.33	476.88	499.07	5,662.51	5,572.33	90.18	62.792		
13,400.00	7,690.00	7,641.00	7,457.72	142.18	30.03	-85.33	476.88	499.07	5,751.44	5,661.05	90.38	63.634		
13,500.00	7,690.00	7,641.00	7,457.72	144.75	30.03	-85.33	476.88	499.07	5,840.72	5,750.14	90.58	64.482		
13,600.00	7,690.00	7,598.43	7,422.81	147.33	29.89	-84.61	456.26	486.15	5,929.38	5,838.56	90.82	65.287		
13,700.00	7,690.00	7,594.24	7,419.29	149.91	29.87	-84.54	454.29	485.01	6,019.13	5,928.12	91.01	66.136		
13,800.00	7,690.00	7,590.21	7,415.89	152.49	29.86	-84.47	452.41	483.93	6,109.18	6,017.98	91.20	66.990		
13,900.00	7,690.00	7,547.00	7,378.68	155.08	29.72	-83.72	432.98	473.72	6,200.36	6,108.96	91.40	67.837		
14,000.00	7,690.00	7,547.00	7,378.68	157.67	29.72	-83.72	432.98	473.72	6,290.82	6,199.25	91.57	68.697		
14,100.00	7,690.00	7,547.00	7,378.68	160.27	29.72	-83.72	432.98	473.72	6,381.57	6,289.83	91.74	69.562		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
14,200.00	7,690.00	7,547.00	7,378.68	162.87	29.72	-83.72	432.98	473.72	6,472.59	6,380.69	91.90	70.430	
14,300.00	7,690.00	7,547.00	7,378.68	165.47	29.72	-83.72	432.98	473.72	6,563.88	6,471.82	92.06	71.303	
14,400.00	7,690.00	7,547.00	7,378.68	168.08	29.72	-83.72	432.98	473.72	6,655.41	6,563.21	92.21	72.179	
14,500.00	7,690.00	7,547.00	7,378.68	170.69	29.72	-83.72	432.98	473.72	6,747.19	6,654.83	92.35	73.058	
14,600.00	7,690.00	7,547.00	7,378.68	173.30	29.72	-83.72	432.98	473.72	6,839.19	6,746.70	92.50	73.941	
14,700.00	7,690.00	7,547.00	7,378.68	175.91	29.72	-83.72	432.98	473.72	6,931.42	6,838.79	92.63	74.827	
14,800.00	7,690.00	7,547.00	7,378.68	178.53	29.72	-83.72	432.98	473.72	7,023.86	6,931.09	92.77	75.715	
14,900.00	7,690.00	7,547.00	7,378.68	181.15	29.72	-83.72	432.98	473.72	7,116.50	7,023.61	92.90	76.606	
15,000.00	7,690.00	7,547.00	7,378.68	183.77	29.72	-83.72	432.98	473.72	7,209.34	7,116.32	93.02	77.500	
15,100.00	7,690.00	7,547.00	7,378.68	186.39	29.72	-83.72	432.98	473.72	7,302.37	7,209.23	93.15	78.396	
15,200.00	7,690.00	7,547.00	7,378.68	189.02	29.72	-83.72	432.98	473.72	7,395.58	7,302.32	93.27	79.295	
15,300.00	7,690.00	7,547.00	7,378.68	191.65	29.72	-83.72	432.98	473.72	7,488.97	7,395.59	93.38	80.195	
15,400.00	7,690.00	7,547.00	7,378.68	194.27	29.72	-83.72	432.98	473.72	7,582.53	7,489.03	93.50	81.098	
15,500.00	7,690.00	7,547.00	7,378.68	196.91	29.72	-83.72	432.98	473.72	7,676.24	7,582.63	93.61	82.002	
15,600.00	7,690.00	7,547.00	7,378.68	199.54	29.72	-83.72	432.98	473.72	7,770.12	7,676.40	93.72	82.909	
15,700.00	7,690.00	7,547.00	7,378.68	202.17	29.72	-83.72	432.98	473.72	7,864.14	7,770.32	93.83	83.817	
15,800.00	7,690.00	7,547.00	7,378.68	204.81	29.72	-83.72	432.98	473.72	7,958.32	7,864.39	93.93	84.726	
15,900.00	7,690.00	7,547.00	7,378.68	207.45	29.72	-83.72	432.98	473.72	8,052.63	7,958.60	94.03	85.637	
16,000.00	7,690.00	7,547.00	7,378.68	210.09	29.72	-83.72	432.98	473.72	8,147.07	8,052.94	94.13	86.550	
16,100.00	7,690.00	7,547.00	7,378.68	212.73	29.72	-83.72	432.98	473.72	8,241.65	8,147.42	94.23	87.464	
16,200.00	7,690.00	7,547.00	7,378.68	215.37	29.72	-83.72	432.98	473.72	8,336.36	8,242.03	94.33	88.379	
16,300.00	7,690.00	7,547.00	7,378.68	218.02	29.72	-83.72	432.98	473.72	8,431.18	8,336.77	94.42	89.295	
16,400.00	7,690.00	7,547.00	7,378.68	220.66	29.72	-83.72	432.98	473.72	8,526.13	8,431.62	94.51	90.212	
16,500.00	7,690.00	7,547.00	7,378.68	223.31	29.72	-83.72	432.98	473.72	8,621.19	8,526.59	94.60	91.130	
16,600.00	7,690.00	7,547.00	7,378.68	225.95	29.72	-83.72	432.98	473.72	8,716.36	8,621.67	94.69	92.049	
16,700.00	7,690.00	7,547.00	7,378.68	228.60	29.72	-83.72	432.98	473.72	8,811.64	8,716.86	94.78	92.969	
16,800.00	7,690.00	7,547.00	7,378.68	231.25	29.72	-83.72	432.98	473.72	8,907.02	8,812.15	94.87	93.890	
16,900.00	7,690.00	7,547.00	7,378.68	233.90	29.72	-83.72	432.98	473.72	9,002.50	8,907.55	94.95	94.812	
17,000.00	7,690.00	7,547.00	7,378.68	236.56	29.72	-83.72	432.98	473.72	9,098.08	9,003.04	95.04	95.734	
17,100.00	7,690.00	7,547.00	7,378.68	239.21	29.72	-83.72	432.98	473.72	9,193.75	9,098.63	95.12	96.656	
17,200.00	7,690.00	7,547.00	7,378.68	241.86	29.72	-83.72	432.98	473.72	9,289.51	9,194.31	95.20	97.580	
17,300.00	7,690.00	7,547.00	7,378.68	244.52	29.72	-83.72	432.98	473.72	9,385.36	9,290.08	95.28	98.503	
17,400.00	7,690.00	7,547.00	7,378.68	247.17	29.72	-83.72	432.98	473.72	9,481.30	9,385.94	95.36	99.427	
17,500.00	7,690.00	7,547.00	7,378.68	249.83	29.72	-83.72	432.98	473.72	9,577.32	9,481.89	95.44	100.352	
17,600.00	7,690.00	7,547.00	7,378.68	252.49	29.72	-83.72	432.98	473.72	9,673.42	9,577.91	95.51	101.277	
17,700.00	7,690.00	7,547.00	7,378.68	255.15	29.72	-83.72	432.98	473.72	9,769.60	9,674.01	95.59	102.202	
17,800.00	7,690.00	7,547.00	7,378.68	257.81	29.72	-83.72	432.98	473.72	9,865.86	9,770.19	95.67	103.127	
17,900.00	7,690.00	7,547.00	7,378.68	260.47	29.72	-83.72	432.98	473.72	9,962.19	9,866.45	95.74	104.052	
18,000.00	7,690.00	7,547.00	7,378.68	263.13	29.72	-83.72	432.98	473.72	10,058.59	9,962.77	95.82	104.978	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
100.00	100.00	82.32	82.32	0.27	0.20	102.30	-221.41	1,015.16	1,039.02	1,038.55	0.47	2,203.814		
146.40	146.40	127.40	127.40	0.44	0.36	102.31	-221.46	1,015.12	1,038.99	1,038.20	0.79	1,307.227 CC		
200.00	200.00	180.40	180.39	0.63	0.55	102.32	-221.61	1,015.11	1,039.02	1,037.85	1.17	886.175		
300.00	300.00	280.74	280.74	0.99	0.90	102.33	-221.88	1,015.08	1,039.05	1,037.17	1.89	551.136		
400.00	399.98	380.56	380.56	1.34	1.26	89.16	-222.19	1,015.06	1,039.06	1,036.46	2.60	399.803		
472.70	472.59	452.90	452.90	1.61	1.51	89.37	-222.43	1,015.03	1,039.04	1,035.93	3.12	333.215		
500.00	499.84	479.32	479.32	1.71	1.61	89.46	-222.50	1,015.04	1,039.06	1,035.75	3.31	313.944		
600.00	599.45	577.67	577.67	2.07	1.95	89.94	-222.67	1,015.26	1,039.26	1,035.24	4.02	258.306		
700.00	698.70	677.35	677.35	2.45	2.30	90.61	-222.83	1,015.47	1,039.56	1,034.81	4.76	218.596		
800.00	797.47	777.48	777.48	2.85	2.66	91.47	-222.95	1,015.63	1,040.04	1,034.52	5.51	188.721		
900.00	895.62	875.24	875.24	3.28	3.01	92.48	-223.09	1,015.67	1,040.79	1,034.50	6.28	165.599 ES		
1,000.00	993.06	971.57	971.57	3.73	3.35	93.65	-223.25	1,015.81	1,042.22	1,035.13	7.08	147.113		
1,100.00	1,089.64	1,067.93	1,067.93	4.23	3.70	94.98	-223.46	1,016.00	1,044.50	1,036.58	7.92	131.911		
1,200.00	1,185.27	1,163.09	1,163.08	4.75	4.03	96.44	-223.67	1,016.21	1,047.84	1,039.05	8.78	119.284		
1,300.00	1,279.82	1,258.71	1,258.70	5.33	4.37	98.04	-223.81	1,016.42	1,052.45	1,042.76	9.69	108.627		
1,400.00	1,373.17	1,353.83	1,353.83	5.94	4.71	99.75	-223.84	1,016.53	1,058.50	1,047.88	10.62	99.628		
1,500.00	1,465.21	1,444.33	1,444.33	6.60	5.03	101.47	-223.92	1,016.59	1,066.40	1,054.82	11.58	92.075		
1,554.30	1,514.61	1,493.54	1,493.53	6.98	5.20	102.45	-224.04	1,016.64	1,071.63	1,059.51	12.12	88.436		
1,600.00	1,556.00	1,534.82	1,534.81	7.30	5.35	103.37	-224.13	1,016.68	1,076.49	1,063.91	12.57	85.624		
1,700.00	1,646.56	1,625.22	1,625.21	8.03	5.67	105.36	-224.37	1,016.76	1,088.25	1,074.68	13.57	80.204		
1,800.00	1,737.13	1,716.36	1,716.35	8.76	6.00	107.32	-224.54	1,016.86	1,101.51	1,086.95	14.56	75.640		
1,900.00	1,827.70	1,806.81	1,806.80	9.50	6.32	109.22	-224.61	1,017.00	1,116.21	1,100.67	15.55	71.804		
2,000.00	1,918.27	1,896.69	1,896.69	10.25	6.64	111.06	-224.65	1,017.19	1,132.34	1,115.83	16.51	68.570		
2,100.00	2,008.83	1,988.62	1,988.62	11.00	6.96	112.90	-224.61	1,017.42	1,149.80	1,132.32	17.47	65.800		
2,200.00	2,099.40	2,079.41	2,079.40	11.76	7.28	114.66	-224.54	1,017.58	1,168.44	1,150.02	18.42	63.449		
2,300.00	2,189.97	2,170.62	2,170.61	12.52	7.60	116.39	-224.47	1,017.73	1,188.30	1,168.95	19.34	61.428		
2,400.00	2,280.53	2,266.58	2,266.58	13.28	7.92	118.14	-224.07	1,017.82	1,209.04	1,188.76	20.27	59.639		
2,500.00	2,371.10	2,354.81	2,354.80	14.05	8.22	119.71	-223.74	1,017.74	1,230.78	1,209.64	21.15	58.195		
2,600.00	2,461.67	2,443.52	2,443.51	14.81	8.52	121.24	-223.63	1,017.68	1,253.74	1,231.72	22.01	56.950		
2,700.00	2,552.24	2,533.27	2,533.26	15.58	8.83	122.75	-223.61	1,017.65	1,277.78	1,254.90	22.88	55.858		
2,800.00	2,642.80	2,626.74	2,626.74	16.35	9.15	124.27	-223.58	1,017.55	1,302.70	1,278.96	23.74	54.880		
2,900.00	2,733.37	2,714.20	2,714.19	17.13	9.45	125.63	-223.42	1,017.56	1,328.47	1,303.91	24.56	54.085		
3,000.00	2,823.94	2,805.04	2,805.03	17.90	9.76	127.00	-223.40	1,017.63	1,355.22	1,329.83	25.39	53.369		
3,100.00	2,914.51	2,899.19	2,899.18	18.67	10.09	128.38	-223.41	1,017.44	1,382.62	1,356.40	26.22	52.724		
3,200.00	3,005.07	2,986.37	2,986.37	19.45	10.39	129.62	-223.30	1,017.29	1,410.68	1,383.67	27.01	52.226		
3,300.00	3,095.64	3,076.73	3,076.73	20.22	10.70	130.85	-223.39	1,017.23	1,439.67	1,411.86	27.81	51.774		
3,400.00	3,186.21	3,166.29	3,166.28	21.00	11.01	132.01	-223.26	1,017.41	1,469.25	1,440.66	28.59	51.384		
3,500.00	3,276.77	3,258.20	3,258.19	21.77	11.33	133.17	-223.22	1,017.61	1,499.52	1,470.14	29.38	51.034		
3,600.00	3,367.34	3,346.27	3,346.26	22.55	11.64	134.24	-223.14	1,017.68	1,530.27	1,500.12	30.14	50.765		
3,700.00	3,457.91	3,436.49	3,436.48	23.33	11.96	135.29	-223.31	1,017.87	1,561.83	1,530.92	30.91	50.529		
3,800.00	3,548.48	3,533.61	3,533.60	24.11	12.29	136.39	-223.23	1,017.87	1,593.60	1,561.90	31.70	50.270		
3,900.00	3,639.04	3,624.50	3,624.49	24.88	12.61	137.38	-222.95	1,017.73	1,625.61	1,593.16	32.45	50.091		
4,000.00	3,729.61	3,710.73	3,710.72	25.66	12.91	138.28	-222.72	1,017.94	1,658.25	1,625.07	33.18	49.977		
4,100.00	3,820.18	3,800.28	3,800.27	26.44	13.22	139.18	-222.71	1,018.15	1,691.53	1,657.61	33.92	49.865		
4,200.00	3,910.74	3,894.20	3,894.19	27.22	13.55	140.09	-222.58	1,018.21	1,725.03	1,690.35	34.68	49.741		
4,300.00	4,001.31	3,982.76	3,982.75	28.00	13.86	140.93	-222.57	1,018.09	1,758.94	1,723.54	35.40	49.686		
4,400.00	4,091.88	4,073.56	4,073.55	28.78	14.17	141.76	-222.52	1,018.12	1,793.25	1,757.11	36.13	49.629		
4,500.00	4,182.45	4,164.75	4,164.74	29.56	14.49	142.56	-222.53	1,017.99	1,827.88	1,791.02	36.86	49.586		
4,600.00	4,273.01	4,256.73	4,256.71	30.34	14.81	143.34	-222.40	1,017.99	1,862.75	1,825.16	37.60	49.547		
4,700.00	4,363.58	4,344.45	4,344.44	31.12	15.12	144.05	-222.28	1,018.17	1,897.99	1,859.68	38.31	49.548		
4,800.00	4,454.15	4,434.10	4,434.09	31.90	15.43	144.75	-222.20	1,018.48	1,933.59	1,894.57	39.03	49.544		
4,900.00	4,544.72	4,524.00	4,523.99	32.68	15.75	145.43	-222.24	1,018.57	1,969.51	1,929.76	39.74	49.555		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,000.00	4,635.28	4,614.20	4,614.18	33.46	16.06	146.10	-222.37	1,018.50	2,005.70	1,965.25	40.46	49.575		
5,100.00	4,725.85	4,710.48	4,710.47	34.24	16.39	146.79	-222.36	1,018.41	2,042.02	2,000.81	41.21	49.557		
5,200.00	4,816.42	4,799.98	4,799.97	35.02	16.70	147.41	-222.29	1,018.17	2,078.45	2,036.54	41.91	49.596		
5,300.00	4,906.98	4,890.32	4,890.31	35.81	17.01	148.02	-222.26	1,017.92	2,115.14	2,072.53	42.61	49.635		
5,400.00	4,997.55	4,973.70	4,973.69	36.59	17.30	148.56	-222.33	1,017.78	2,152.18	2,108.90	43.28	49.727		
5,500.00	5,088.12	5,090.53	5,090.51	37.37	17.71	149.31	-222.36	1,016.75	2,189.23	2,145.09	44.14	49.595		
5,600.00	5,178.69	5,243.38	5,243.19	38.15	18.23	150.38	-220.44	1,010.05	2,224.55	2,179.38	45.17	49.250		
5,700.00	5,269.25	5,670.58	5,664.79	38.93	19.73	153.74	-182.14	957.57	2,249.72	2,202.65	47.07	47.798		
5,800.00	5,359.82	5,751.00	5,743.18	39.71	20.03	154.41	-170.71	943.74	2,271.16	2,223.45	47.71	47.603		
5,900.00	5,450.39	5,838.46	5,828.56	40.50	20.35	155.11	-158.23	929.47	2,293.20	2,244.82	48.37	47.405		
6,000.00	5,540.95	5,927.49	5,915.61	41.28	20.69	155.79	-145.42	915.87	2,315.73	2,266.69	49.05	47.214		
6,100.00	5,631.52	6,007.94	5,994.43	42.06	20.99	156.36	-133.91	904.59	2,338.94	2,289.24	49.70	47.061		
6,200.00	5,722.09	6,297.30	6,274.45	42.84	22.14	158.53	-81.14	855.63	2,357.02	2,306.15	50.87	46.330		
6,300.00	5,812.66	6,423.42	6,394.48	43.62	22.68	159.58	-54.27	827.75	2,373.01	2,321.38	51.62	45.968		
6,400.00	5,903.22	6,517.13	6,482.96	44.41	23.10	160.41	-34.04	804.47	2,388.69	2,336.37	52.32	45.654		
6,500.00	5,993.79	6,607.84	6,567.92	45.19	23.52	161.27	-14.84	779.15	2,404.85	2,351.83	53.01	45.362		
6,600.00	6,084.36	6,686.56	6,640.94	45.97	23.90	162.07	1.17	754.52	2,421.89	2,368.20	53.69	45.113		
6,700.00	6,174.93	6,755.48	6,704.33	46.75	24.24	162.81	14.46	730.95	2,440.21	2,385.87	54.33	44.911		
6,800.00	6,265.49	6,830.76	6,772.97	47.54	24.63	163.65	28.11	703.23	2,460.01	2,405.01	55.00	44.728		
6,900.00	6,356.06	6,916.45	6,850.37	48.32	25.10	164.65	43.27	669.75	2,480.83	2,425.13	55.71	44.535		
7,000.00	6,446.63	7,011.52	6,935.38	49.10	25.64	165.78	59.99	630.59	2,502.48	2,446.01	56.47	44.314		
7,100.00	6,537.19	7,105.54	7,017.72	49.88	26.21	166.96	76.77	588.43	2,524.56	2,467.29	57.27	44.085		
7,200.00	6,627.76	7,487.03	7,366.77	50.67	28.32	170.12	167.16	484.41	2,544.37	2,485.25	59.12	43.037		
7,300.00	6,718.33	7,545.00	7,422.05	51.45	28.53	170.10	183.49	490.34	2,558.14	2,498.32	59.83	42.760		
7,400.00	6,808.90	7,669.51	7,537.47	52.23	28.86	169.64	216.78	522.16	2,571.86	2,511.21	60.65	42.404		
7,500.00	6,899.46	7,935.76	7,748.81	53.01	29.31	166.90	282.77	666.21	2,584.06	2,522.03	62.03	41.657		
7,600.00	6,990.03	7,990.73	7,782.77	53.80	29.39	166.07	295.03	707.63	2,593.62	2,530.64	62.98	41.181		
7,700.00	7,080.60	8,016.00	7,796.94	54.58	29.42	165.65	300.14	727.92	2,605.64	2,541.92	63.73	40.888		
7,743.09	7,119.63	8,045.76	7,812.37	54.92	29.48	165.14	305.58	752.77	2,611.57	2,547.36	64.20	40.677		
7,750.00	7,125.88	8,047.72	7,813.34	54.97	29.49	166.66	305.91	754.44	2,612.59	2,548.33	64.26	40.659		
7,800.00	7,171.32	8,060.35	7,819.43	55.35	29.51	178.07	307.97	765.31	2,620.57	2,555.95	64.62	40.554		
7,850.00	7,216.74	8,070.31	7,824.05	55.71	29.54	-170.43	309.50	774.00	2,629.56	2,564.62	64.94	40.491		
7,900.00	7,261.79	8,077.78	7,827.41	56.05	29.55	-159.61	310.59	780.58	2,639.54	2,574.31	65.22	40.470		
7,950.00	7,306.14	8,110.00	7,840.81	56.37	29.64	-150.54	314.73	809.58	2,650.79	2,585.07	65.72	40.332 SF		
8,000.00	7,349.44	8,110.00	7,840.81	56.66	29.64	-142.13	314.73	809.58	2,662.52	2,596.62	65.90	40.402		
8,050.00	7,391.36	8,110.00	7,840.81	56.92	29.64	-134.95	314.73	809.58	2,675.08	2,609.02	66.06	40.497		
8,100.00	7,431.59	8,110.00	7,840.81	57.16	29.64	-128.82	314.73	809.58	2,688.36	2,622.17	66.20	40.612		
8,150.00	7,469.82	8,110.00	7,840.81	57.37	29.64	-123.54	314.73	809.58	2,702.27	2,635.94	66.32	40.743		
8,200.00	7,505.76	8,110.00	7,840.81	57.55	29.64	-118.95	314.73	809.58	2,716.67	2,650.23	66.44	40.887		
8,250.00	7,539.14	8,077.74	7,827.39	57.71	29.55	-114.24	310.58	780.55	2,730.87	2,664.66	66.21	41.244		
8,300.00	7,569.69	8,072.42	7,825.01	57.84	29.54	-110.57	309.81	775.85	2,745.70	2,679.43	66.27	41.433		
8,350.00	7,597.20	8,066.18	7,822.16	57.96	29.53	-107.27	308.88	770.39	2,760.58	2,694.26	66.32	41.625		
8,400.00	7,621.44	8,059.15	7,818.86	58.04	29.51	-104.31	307.78	764.27	2,775.39	2,709.02	66.37	41.814		
8,450.00	7,642.24	8,051.40	7,815.14	58.11	29.49	-101.64	306.52	757.59	2,789.99	2,723.55	66.44	41.993		
8,500.00	7,659.43	8,016.00	7,796.94	58.16	29.42	-98.81	300.14	727.92	2,804.71	2,738.49	66.21	42.358		
8,550.00	7,672.90	8,016.00	7,796.94	58.19	29.42	-96.87	300.14	727.92	2,818.23	2,751.83	66.41	42.438		
8,600.00	7,682.52	8,016.00	7,796.94	58.20	29.42	-95.18	300.14	727.92	2,831.26	2,764.63	66.63	42.493		
8,650.00	7,688.23	8,016.00	7,796.94	58.19	29.42	-93.74	300.14	727.92	2,843.69	2,776.82	66.88	42.522		
8,697.19	7,690.00	8,016.00	7,796.94	58.18	29.42	-92.60	300.14	727.92	2,854.80	2,787.67	67.13	42.526		
8,700.00	7,690.00	8,016.00	7,796.94	58.17	29.42	-92.60	300.14	727.92	2,855.45	2,788.30	67.15	42.525		
8,800.00	7,690.00	7,976.86	7,774.60	58.15	29.37	-92.13	292.08	696.82	2,879.19	2,811.80	67.38	42.729		
8,900.00	7,690.00	7,922.00	7,739.65	58.17	29.29	-91.41	279.43	656.50	2,906.23	2,838.68	67.55	43.023		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
9,000.00	7,690.00	7,922.00	7,739.65	58.24	29.29	-91.41	279.43	656.50	2,934.79	2,866.48	68.31	42.965	
9,100.00	7,690.00	7,922.00	7,739.65	58.37	29.29	-91.41	279.43	656.50	2,966.45	2,897.34	69.11	42.923	
9,200.00	7,690.00	7,884.58	7,713.65	58.56	29.24	-90.87	270.16	631.26	3,000.46	2,930.80	69.66	43.072	
9,300.00	7,690.00	7,861.91	7,697.12	58.83	29.20	-90.53	264.43	616.82	3,036.95	2,966.58	70.37	43.157	
9,400.00	7,690.00	7,827.00	7,670.62	59.19	29.15	-89.99	255.47	595.95	3,075.92	3,004.91	71.02	43.313	
9,500.00	7,690.00	7,827.00	7,670.62	59.66	29.15	-89.99	255.47	595.95	3,117.06	3,045.12	71.94	43.329	
9,600.00	7,690.00	7,792.25	7,643.03	60.26	29.10	-89.43	246.63	576.77	3,160.42	3,087.78	72.64	43.506	
9,700.00	7,690.00	7,768.26	7,623.32	61.01	29.05	-89.04	240.72	564.45	3,205.92	3,132.49	73.43	43.662	
9,800.00	7,690.00	7,733.00	7,593.42	61.93	28.99	-88.44	232.34	547.75	3,253.58	3,179.44	74.14	43.885	
9,900.00	7,690.00	7,733.00	7,593.42	63.01	28.99	-88.44	232.34	547.75	3,303.17	3,228.10	75.06	44.005	
10,000.00	7,690.00	7,733.00	7,593.42	64.27	28.99	-88.44	232.34	547.75	3,355.00	3,279.03	75.97	44.164	
10,100.00	7,690.00	7,733.00	7,593.42	65.70	28.99	-88.44	232.34	547.75	3,408.98	3,332.13	76.85	44.359	
10,200.00	7,690.00	7,733.00	7,593.42	67.27	28.99	-88.44	232.34	547.75	3,465.01	3,387.30	77.71	44.590	
10,300.00	7,690.00	7,733.00	7,593.42	68.97	28.99	-88.44	232.34	547.75	3,522.98	3,444.44	78.54	44.856	
10,400.00	7,690.00	7,688.66	7,554.58	70.79	28.90	-87.67	221.64	529.26	3,581.35	3,502.20	79.15	45.248	
10,500.00	7,690.00	7,681.66	7,548.35	72.70	28.88	-87.54	219.88	526.60	3,642.43	3,562.52	79.91	45.583	
10,600.00	7,690.00	7,639.00	7,509.85	74.69	28.79	-86.79	208.76	511.99	3,706.11	3,625.62	80.49	46.047	
10,700.00	7,690.00	7,639.00	7,509.85	76.74	28.79	-86.79	208.76	511.99	3,770.04	3,688.82	81.23	46.413	
10,800.00	7,690.00	7,639.00	7,509.85	78.86	28.79	-86.79	208.76	511.99	3,835.52	3,753.58	81.94	46.808	
10,900.00	7,690.00	7,639.00	7,509.85	81.03	28.79	-86.79	208.76	511.99	3,902.47	3,819.84	82.63	47.231	
11,000.00	7,690.00	7,639.00	7,509.85	83.24	28.79	-86.79	208.76	511.99	3,970.80	3,887.52	83.28	47.679	
11,100.00	7,690.00	7,639.00	7,509.85	85.49	28.79	-86.79	208.76	511.99	4,040.46	3,956.55	83.91	48.152	
11,200.00	7,690.00	7,639.00	7,509.85	87.77	28.79	-86.79	208.76	511.99	4,111.36	4,026.85	84.51	48.649	
11,300.00	7,690.00	7,639.00	7,509.85	90.09	28.79	-86.79	208.76	511.99	4,183.46	4,098.37	85.09	49.167	
11,400.00	7,690.00	7,639.00	7,509.85	92.43	28.79	-86.79	208.76	511.99	4,256.68	4,171.04	85.64	49.706	
11,500.00	7,690.00	7,639.00	7,509.85	94.79	28.79	-86.79	208.76	511.99	4,330.97	4,244.81	86.16	50.264	
11,600.00	7,690.00	7,639.00	7,509.85	97.17	28.79	-86.79	208.76	511.99	4,406.28	4,319.62	86.67	50.841	
11,700.00	7,690.00	7,639.00	7,509.85	99.57	28.79	-86.79	208.76	511.99	4,482.56	4,395.41	87.15	51.435	
11,800.00	7,690.00	7,639.00	7,509.85	101.99	28.79	-86.79	208.76	511.99	4,559.75	4,472.14	87.61	52.046	
11,900.00	7,690.00	7,639.00	7,509.85	104.43	28.79	-86.79	208.76	511.99	4,637.82	4,549.77	88.05	52.672	
12,000.00	7,690.00	7,639.00	7,509.85	106.88	28.79	-86.79	208.76	511.99	4,716.71	4,628.24	88.47	53.313	
12,100.00	7,690.00	7,639.00	7,509.85	109.34	28.79	-86.79	208.76	511.99	4,796.39	4,707.52	88.87	53.968	
12,200.00	7,690.00	7,639.00	7,509.85	111.81	28.79	-86.79	208.76	511.99	4,876.82	4,787.56	89.26	54.636	
12,300.00	7,690.00	7,639.00	7,509.85	114.30	28.79	-86.79	208.76	511.99	4,957.96	4,868.33	89.63	55.316	
12,400.00	7,690.00	7,595.56	7,469.75	116.79	28.67	-86.00	197.08	500.10	5,038.26	4,948.33	89.93	56.026	
12,500.00	7,690.00	7,592.74	7,467.11	119.30	28.66	-85.95	196.32	499.44	5,120.51	5,030.25	90.27	56.726	
12,600.00	7,690.00	7,590.02	7,464.57	121.81	28.66	-85.90	195.59	498.82	5,203.38	5,112.78	90.59	57.436	
12,700.00	7,690.00	7,587.42	7,462.13	124.33	28.65	-85.86	194.89	498.23	5,286.82	5,195.91	90.91	58.155	
12,800.00	7,690.00	7,545.00	7,422.05	126.86	28.53	-85.08	183.49	490.34	5,372.13	5,280.97	91.15	58.937	
12,900.00	7,690.00	7,545.00	7,422.05	129.40	28.53	-85.08	183.49	490.34	5,456.51	5,365.06	91.45	59.668	
13,000.00	7,690.00	7,545.00	7,422.05	131.94	28.53	-85.08	183.49	490.34	5,541.41	5,449.67	91.73	60.408	
13,100.00	7,690.00	7,545.00	7,422.05	134.49	28.53	-85.08	183.49	490.34	5,626.80	5,534.79	92.01	61.157	
13,200.00	7,690.00	7,545.00	7,422.05	137.05	28.53	-85.08	183.49	490.34	5,712.67	5,620.40	92.27	61.913	
13,300.00	7,690.00	7,545.00	7,422.05	139.61	28.53	-85.08	183.49	490.34	5,798.99	5,706.47	92.52	62.676	
13,400.00	7,690.00	7,545.00	7,422.05	142.18	28.53	-85.08	183.49	490.34	5,885.75	5,792.98	92.77	63.447	
13,500.00	7,690.00	7,545.00	7,422.05	144.75	28.53	-85.08	183.49	490.34	5,972.92	5,879.92	93.00	64.224	
13,600.00	7,690.00	7,545.00	7,422.05	147.33	28.53	-85.08	183.49	490.34	6,060.49	5,967.26	93.23	65.008	
13,700.00	7,690.00	7,545.00	7,422.05	149.91	28.53	-85.08	183.49	490.34	6,148.43	6,054.99	93.45	65.797	
13,800.00	7,690.00	7,545.00	7,422.05	152.49	28.53	-85.08	183.49	490.34	6,236.74	6,143.09	93.66	66.592	
13,900.00	7,690.00	7,545.00	7,422.05	155.08	28.53	-85.08	183.49	490.34	6,325.40	6,231.54	93.86	67.393	
14,000.00	7,690.00	7,545.00	7,422.05	157.67	28.53	-85.08	183.49	490.34	6,414.39	6,320.33	94.05	68.199	
14,100.00	7,690.00	7,545.00	7,422.05	160.27	28.53	-85.08	183.49	490.34	6,503.70	6,409.45	94.24	69.009	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
14,200.00	7,690.00	7,545.00	7,422.05	162.87	28.53	-85.08	183.49	490.34	6,593.32	6,498.89	94.43	69.825		
14,300.00	7,690.00	7,545.00	7,422.05	165.47	28.53	-85.08	183.49	490.34	6,683.23	6,588.62	94.60	70.644		
14,400.00	7,690.00	7,545.00	7,422.05	168.08	28.53	-85.08	183.49	490.34	6,773.42	6,678.65	94.78	71.468		
14,500.00	7,690.00	7,545.00	7,422.05	170.69	28.53	-85.08	183.49	490.34	6,863.89	6,768.95	94.94	72.296		
14,600.00	7,690.00	7,545.00	7,422.05	173.30	28.53	-85.08	183.49	490.34	6,954.62	6,859.51	95.10	73.127		
14,700.00	7,690.00	7,545.00	7,422.05	175.91	28.53	-85.08	183.49	490.34	7,045.60	6,950.34	95.26	73.963		
14,800.00	7,690.00	7,545.00	7,422.05	178.53	28.53	-85.08	183.49	490.34	7,136.82	7,041.40	95.41	74.801		
14,900.00	7,690.00	7,545.00	7,422.05	181.15	28.53	-85.08	183.49	490.34	7,228.27	7,132.71	95.56	75.643		
15,000.00	7,690.00	7,545.00	7,422.05	183.77	28.53	-85.08	183.49	490.34	7,319.94	7,224.24	95.70	76.488		
15,100.00	7,690.00	7,545.00	7,422.05	186.39	28.53	-85.08	183.49	490.34	7,411.83	7,315.99	95.84	77.335		
15,200.00	7,690.00	7,545.00	7,422.05	189.02	28.53	-85.08	183.49	490.34	7,503.93	7,407.96	95.98	78.186		
15,300.00	7,690.00	7,545.00	7,422.05	191.65	28.53	-85.08	183.49	490.34	7,596.23	7,500.12	96.11	79.039		
15,400.00	7,690.00	7,545.00	7,422.05	194.27	28.53	-85.08	183.49	490.34	7,688.72	7,592.49	96.24	79.895		
15,500.00	7,690.00	7,545.00	7,422.05	196.91	28.53	-85.08	183.49	490.34	7,781.40	7,685.04	96.36	80.753		
15,600.00	7,690.00	7,545.00	7,422.05	199.54	28.53	-85.08	183.49	490.34	7,874.26	7,777.77	96.48	81.613		
15,700.00	7,690.00	7,545.00	7,422.05	202.17	28.53	-85.08	183.49	490.34	7,967.28	7,870.68	96.60	82.476		
15,800.00	7,690.00	7,545.00	7,422.05	204.81	28.53	-85.08	183.49	490.34	8,060.48	7,963.76	96.72	83.340		
15,900.00	7,690.00	7,545.00	7,422.05	207.45	28.53	-85.08	183.49	490.34	8,153.84	8,057.01	96.83	84.206		
16,000.00	7,690.00	7,545.00	7,422.05	210.09	28.53	-85.08	183.49	490.34	8,247.35	8,150.41	96.94	85.074		
16,100.00	7,690.00	7,545.00	7,422.05	212.73	28.53	-85.08	183.49	490.34	8,341.01	8,243.96	97.05	85.944		
16,200.00	7,690.00	7,545.00	7,422.05	215.37	28.53	-85.08	183.49	490.34	8,434.82	8,337.66	97.16	86.816		
16,300.00	7,690.00	7,545.00	7,422.05	218.02	28.53	-85.08	183.49	490.34	8,528.77	8,431.51	97.26	87.689		
16,400.00	7,690.00	7,545.00	7,422.05	220.66	28.53	-85.08	183.49	490.34	8,622.86	8,525.49	97.36	88.563		
16,500.00	7,690.00	7,545.00	7,422.05	223.31	28.53	-85.08	183.49	490.34	8,717.07	8,619.61	97.46	89.439		
16,600.00	7,690.00	7,545.00	7,422.05	225.95	28.53	-85.08	183.49	490.34	8,811.42	8,713.86	97.56	90.316		
16,700.00	7,690.00	7,545.00	7,422.05	228.60	28.53	-85.08	183.49	490.34	8,905.89	8,808.23	97.66	91.194		
16,800.00	7,690.00	7,545.00	7,422.05	231.25	28.53	-85.08	183.49	490.34	9,000.47	8,902.72	97.75	92.073		
16,900.00	7,690.00	7,545.00	7,422.05	233.90	28.53	-85.08	183.49	490.34	9,095.18	8,997.33	97.85	92.954		
17,000.00	7,690.00	7,545.00	7,422.05	236.56	28.53	-85.08	183.49	490.34	9,189.99	9,092.06	97.94	93.835		
17,100.00	7,690.00	7,545.00	7,422.05	239.21	28.53	-85.08	183.49	490.34	9,284.92	9,186.89	98.03	94.718		
17,200.00	7,690.00	7,545.00	7,422.05	241.86	28.53	-85.08	183.49	490.34	9,379.95	9,281.83	98.12	95.601		
17,300.00	7,690.00	7,545.00	7,422.05	244.52	28.53	-85.08	183.49	490.34	9,475.08	9,376.88	98.20	96.485		
17,400.00	7,690.00	7,545.00	7,422.05	247.17	28.53	-85.08	183.49	490.34	9,570.31	9,472.02	98.29	97.369		
17,500.00	7,690.00	7,545.00	7,422.05	249.83	28.53	-85.08	183.49	490.34	9,665.64	9,567.27	98.37	98.255		
17,600.00	7,690.00	7,545.00	7,422.05	252.49	28.53	-85.08	183.49	490.34	9,761.06	9,662.60	98.46	99.140		
17,700.00	7,690.00	7,545.00	7,422.05	255.15	28.53	-85.08	183.49	490.34	9,856.57	9,758.03	98.54	100.027		
17,800.00	7,690.00	7,545.00	7,422.05	257.81	28.53	-85.08	183.49	490.34	9,952.17	9,853.55	98.62	100.914		
17,900.00	7,690.00	7,545.00	7,422.05	260.47	28.53	-85.08	183.49	490.34	10,047.86	9,949.16	98.70	101.801		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	85.66	85.66	0.27	0.22	104.43	-261.30	1,015.14	1,048.23	1,047.74	0.49	2,156.761		
184.84	184.84	167.84	167.84	0.57	0.51	104.41	-260.87	1,015.15	1,048.13	1,047.05	1.08	967.055 CC		
200.00	200.00	182.74	182.74	0.63	0.56	104.41	-260.79	1,015.17	1,048.13	1,046.94	1.19	879.757		
300.00	300.00	281.84	281.84	0.99	0.92	104.38	-260.25	1,015.41	1,048.23	1,046.32	1.90	550.566		
400.00	399.98	382.58	382.57	1.34	1.28	91.16	-259.75	1,015.60	1,048.33	1,045.71	2.62	399.790		
500.00	499.84	482.89	482.88	1.71	1.64	91.42	-259.34	1,015.73	1,048.47	1,045.12	3.34	313.797		
600.00	599.45	583.00	583.00	2.07	2.00	91.88	-259.04	1,015.78	1,048.69	1,044.62	4.07	257.853		
700.00	698.70	683.46	683.46	2.45	2.36	92.52	-258.78	1,015.75	1,049.06	1,044.26	4.81	218.252		
800.00	797.47	782.70	782.70	2.85	2.71	93.35	-258.51	1,015.62	1,049.66	1,044.11	5.56	188.808 ES		
900.00	895.62	879.65	879.64	3.28	3.05	94.32	-258.34	1,015.50	1,050.80	1,044.47	6.33	166.013		
1,000.00	993.06	977.20	977.19	3.73	3.40	95.47	-258.17	1,015.47	1,052.68	1,045.54	7.13	147.559		
1,100.00	1,089.64	1,072.63	1,072.62	4.23	3.74	96.74	-258.02	1,015.45	1,055.46	1,047.50	7.96	132.533		
1,200.00	1,185.27	1,168.51	1,168.50	4.75	4.09	98.16	-257.89	1,015.50	1,059.42	1,050.59	8.83	119.964		
1,300.00	1,279.82	1,263.75	1,263.74	5.33	4.43	99.70	-257.69	1,015.53	1,064.71	1,054.98	9.73	109.374		
1,400.00	1,373.17	1,356.89	1,356.88	5.94	4.76	101.32	-257.43	1,015.57	1,071.62	1,060.95	10.67	100.457		
1,500.00	1,465.21	1,450.43	1,450.42	6.60	5.10	103.04	-257.13	1,015.58	1,080.40	1,068.76	11.64	92.841		
1,554.30	1,514.61	1,501.51	1,501.50	6.98	5.28	104.02	-256.95	1,015.51	1,086.01	1,073.83	12.18	89.189		
1,600.00	1,556.00	1,544.10	1,544.09	7.30	5.43	104.95	-256.81	1,015.39	1,091.11	1,078.48	12.63	86.373		
1,700.00	1,646.56	1,633.67	1,633.66	8.03	5.74	106.86	-256.55	1,015.12	1,103.39	1,089.78	13.62	81.035		
1,800.00	1,737.13	1,725.36	1,725.35	8.76	6.07	108.79	-256.35	1,014.79	1,117.13	1,102.53	14.60	76.507		
1,900.00	1,827.70	1,817.00	1,816.99	9.50	6.39	110.68	-256.17	1,014.34	1,132.19	1,116.62	15.58	72.685		
2,000.00	1,918.27	1,908.25	1,908.24	10.25	6.71	112.52	-256.00	1,013.80	1,148.56	1,132.02	16.54	69.443		
2,100.00	2,008.83	1,998.29	1,998.27	11.00	7.02	114.30	-255.85	1,013.25	1,166.22	1,148.74	17.49	66.696		
2,200.00	2,099.40	2,088.15	2,088.13	11.76	7.34	116.02	-255.68	1,012.79	1,185.19	1,166.77	18.42	64.344		
2,300.00	2,189.97	2,178.39	2,178.37	12.52	7.66	117.69	-255.46	1,012.42	1,205.39	1,186.05	19.34	62.316		
2,400.00	2,280.53	2,262.27	2,262.25	13.28	7.95	119.20	-255.38	1,012.32	1,226.99	1,206.77	20.22	60.689		
2,500.00	2,371.10	2,353.45	2,353.43	14.05	8.25	120.79	-255.39	1,012.40	1,249.86	1,228.75	21.10	59.232		
2,600.00	2,461.67	2,443.36	2,443.34	14.81	8.56	122.31	-255.40	1,012.50	1,273.73	1,251.76	21.97	57.980		
2,700.00	2,552.24	2,535.19	2,535.17	15.58	8.87	123.80	-255.40	1,012.58	1,298.53	1,275.70	22.83	56.874		
2,800.00	2,642.80	2,625.92	2,625.90	16.35	9.19	125.23	-255.37	1,012.61	1,324.17	1,300.49	23.68	55.914		
2,900.00	2,733.37	2,715.24	2,715.22	17.13	9.50	126.59	-255.33	1,012.71	1,350.69	1,326.17	24.52	55.095		
3,000.00	2,823.94	2,808.07	2,808.05	17.90	9.82	127.96	-255.29	1,012.80	1,377.98	1,352.63	25.36	54.345		
3,100.00	2,914.51	2,899.46	2,899.44	18.67	10.15	129.25	-255.20	1,012.73	1,405.90	1,379.72	26.18	53.700		
3,200.00	3,005.07	2,988.05	2,988.03	19.45	10.45	130.47	-255.17	1,012.64	1,434.56	1,407.58	26.97	53.182		
3,300.00	3,095.64	3,079.43	3,079.41	20.22	10.77	131.68	-255.15	1,012.68	1,463.96	1,436.19	27.77	52.712		
3,400.00	3,186.21	3,170.70	3,170.68	21.00	11.09	132.84	-255.02	1,012.73	1,493.90	1,465.33	28.57	52.290		
3,500.00	3,276.77	3,258.31	3,258.29	21.77	11.40	133.91	-255.00	1,012.72	1,524.48	1,495.14	29.34	51.967		
3,600.00	3,367.34	3,347.75	3,347.73	22.55	11.70	134.98	-255.23	1,012.63	1,555.81	1,525.71	30.09	51.698		
3,700.00	3,457.91	3,441.78	3,441.76	23.33	12.02	136.05	-255.31	1,012.66	1,587.57	1,556.70	30.87	51.425		
3,800.00	3,548.48	3,536.24	3,536.22	24.11	12.36	137.09	-255.15	1,012.57	1,619.57	1,587.92	31.65	51.164		
3,900.00	3,639.04	3,621.59	3,621.56	24.88	12.66	138.00	-254.94	1,012.52	1,651.99	1,619.61	32.38	51.012		
4,000.00	3,729.61	3,709.17	3,709.15	25.66	12.96	138.87	-254.86	1,013.27	1,685.31	1,652.19	33.12	50.882		
4,100.00	3,820.18	3,808.19	3,808.16	26.44	13.31	139.84	-254.77	1,013.23	1,718.69	1,684.78	33.91	50.680		
4,200.00	3,910.74	3,898.26	3,898.23	27.22	13.62	140.71	-254.57	1,012.92	1,752.23	1,717.58	34.65	50.569		
4,300.00	4,001.31	3,984.32	3,984.30	28.00	13.92	141.50	-254.55	1,012.78	1,786.38	1,751.02	35.36	50.520		
4,400.00	4,091.88	4,076.87	4,076.85	28.78	14.24	142.32	-254.54	1,012.75	1,820.93	1,784.83	36.10	50.441		
4,500.00	4,182.45	4,171.79	4,171.76	29.56	14.57	143.13	-254.31	1,012.64	1,855.57	1,818.72	36.86	50.345		
4,600.00	4,273.01	4,259.61	4,259.59	30.34	14.88	143.84	-253.93	1,012.93	1,890.52	1,852.95	37.58	50.313		
4,700.00	4,363.58	4,347.77	4,347.74	31.12	15.19	144.52	-253.67	1,013.51	1,925.95	1,887.66	38.29	50.297		
4,800.00	4,454.15	4,437.22	4,437.18	31.90	15.58	145.40	-253.53	1,012.26	1,961.27	1,922.16	39.12	50.141		
4,900.00	4,544.72	4,528.06	4,528.07	32.68	16.01	146.49	-253.11	1,006.23	1,995.68	1,955.68	40.00	49.894		
5,000.00	4,635.28	4,618.69	4,618.68	33.46	16.32	147.24	-252.33	1,000.45	2,029.40	1,988.74	40.66	49.911		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,100.00	4,725.85	4,734.64	4,734.14	34.24	16.55	147.79	-252.15	996.71	2,064.31	2,023.09	41.22	50.083		
5,200.00	4,816.42	4,805.00	4,804.48	35.02	16.79	148.30	-252.36	995.08	2,100.79	2,058.98	41.80	50.256		
5,300.00	4,906.98	4,886.75	4,886.22	35.81	17.07	148.84	-252.70	994.85	2,138.14	2,095.69	42.46	50.361		
5,400.00	4,997.55	4,980.67	4,980.14	36.59	17.39	149.43	-252.83	994.68	2,175.51	2,132.33	43.18	50.377		
5,500.00	5,088.12	5,079.05	5,078.52	37.37	17.73	150.03	-252.74	994.46	2,212.86	2,168.91	43.94	50.356		
5,600.00	5,178.69	5,199.37	5,198.82	38.15	18.16	150.77	-252.11	992.32	2,249.68	2,204.85	44.83	50.184		
5,700.00	5,269.25	5,356.00	5,355.18	38.93	18.71	151.83	-249.38	983.91	2,284.95	2,239.07	45.88	49.801		
5,800.00	5,359.82	5,538.05	5,535.82	39.71	19.37	153.25	-241.85	962.98	2,316.88	2,269.91	46.97	49.322		
5,900.00	5,450.39	5,670.08	5,665.57	40.50	19.85	154.42	-234.36	939.81	2,346.74	2,298.95	47.79	49.109		
6,000.00	5,540.95	5,758.74	5,752.32	41.28	20.19	155.22	-229.02	922.27	2,376.39	2,327.97	48.42	49.077		
6,100.00	5,631.52	5,834.60	5,826.47	42.06	20.47	155.91	-224.79	906.83	2,406.82	2,357.82	49.00	49.114		
6,200.00	5,722.09	5,904.76	5,895.01	42.84	20.74	156.54	-221.38	892.26	2,438.31	2,388.75	49.56	49.199		
6,300.00	5,812.66	5,968.25	5,957.04	43.62	20.99	157.11	-218.84	878.96	2,471.02	2,420.94	50.08	49.342		
6,400.00	5,903.22	6,032.00	6,019.39	44.41	21.24	157.67	-217.05	865.81	2,505.22	2,454.63	50.59	49.516		
6,500.00	5,993.79	6,131.33	6,116.22	45.19	21.63	158.56	-214.73	843.79	2,540.16	2,488.88	51.28	49.534		
6,600.00	6,084.36	6,252.03	6,232.74	45.97	22.13	159.70	-211.06	812.55	2,574.53	2,522.46	52.07	49.443		
6,700.00	6,174.93	6,454.10	6,425.36	46.75	23.02	161.71	-201.21	752.43	2,608.18	2,554.94	53.24	48.985		
6,800.00	6,265.49	6,689.98	6,646.02	47.54	24.15	164.11	-176.70	672.95	2,636.35	2,581.78	54.57	48.313		
6,900.00	6,356.06	6,863.19	6,804.74	48.32	25.06	165.94	-151.89	608.25	2,661.92	2,606.25	55.66	47.822		
7,000.00	6,446.63	6,931.83	6,866.72	49.10	25.45	166.68	-141.17	580.76	2,687.10	2,630.75	56.34	47.690		
7,100.00	6,537.19	6,977.00	6,907.21	49.88	25.71	167.19	-134.61	561.84	2,714.02	2,657.12	56.90	47.695		
7,200.00	6,627.76	7,047.69	6,970.54	50.67	26.14	167.97	-125.00	531.95	2,742.52	2,684.92	57.60	47.613		
7,300.00	6,718.33	7,403.55	7,310.60	51.45	27.71	169.80	-59.82	478.08	2,765.51	2,705.95	59.56	46.436		
7,400.00	6,808.90	7,449.00	7,354.46	52.23	27.84	169.72	-51.01	485.99	2,787.42	2,727.27	60.15	46.342		
7,500.00	6,899.46	7,449.00	7,354.46	53.01	27.84	169.72	-51.01	485.99	2,811.70	2,751.16	60.53	46.449		
7,600.00	6,990.03	7,449.00	7,354.46	53.80	27.84	169.72	-51.01	485.99	2,839.29	2,778.44	60.85	46.658		
7,700.00	7,080.60	7,498.29	7,401.69	54.58	27.96	169.54	-44.29	498.32	2,867.88	2,806.52	61.37	46.735		
7,743.09	7,119.63	7,543.00	7,443.96	54.92	28.06	169.32	-41.57	512.55	2,882.65	2,820.94	61.71	46.714		
7,750.00	7,125.88	7,543.00	7,443.96	54.97	28.06	171.00	-41.57	512.55	2,884.77	2,823.05	61.73	46.735		
7,800.00	7,171.32	7,543.00	7,443.96	55.35	28.06	-176.51	-41.57	512.55	2,900.55	2,838.71	61.84	46.902		
7,850.00	7,216.74	7,543.00	7,443.96	55.71	28.06	-164.00	-41.57	512.55	2,916.89	2,854.95	61.94	47.092		
7,900.00	7,261.79	7,543.00	7,443.96	56.05	28.06	-152.27	-41.57	512.55	2,933.67	2,871.65	62.02	47.302		
7,950.00	7,306.14	7,920.00	7,727.04	56.37	29.03	-148.04	-12.68	747.22	2,949.07	2,884.36	64.71	45.573		
8,000.00	7,349.44	7,939.60	7,736.12	56.66	29.12	-139.75	-10.61	764.46	2,963.08	2,898.04	65.04	45.557 SF		
8,050.00	7,391.36	7,941.69	7,737.05	56.92	29.13	-132.39	-10.40	766.32	2,977.69	2,912.51	65.18	45.684		
8,100.00	7,431.59	7,941.12	7,736.80	57.16	29.13	-126.05	-10.46	765.82	2,992.73	2,927.46	65.28	45.846		
8,150.00	7,469.82	7,920.00	7,727.04	57.37	29.03	-120.20	-12.68	747.22	3,008.20	2,943.05	65.15	46.175		
8,200.00	7,505.76	7,920.00	7,727.04	57.55	29.03	-115.49	-12.68	747.22	3,023.70	2,958.46	65.23	46.352		
8,250.00	7,539.14	7,920.00	7,727.04	57.71	29.03	-111.38	-12.68	747.22	3,039.24	2,973.92	65.32	46.529		
8,300.00	7,569.69	7,920.00	7,727.04	57.84	29.03	-107.76	-12.68	747.22	3,054.71	2,989.30	65.41	46.701		
8,350.00	7,597.20	7,920.00	7,727.04	57.96	29.03	-104.56	-12.68	747.22	3,069.99	3,004.48	65.51	46.863		
8,400.00	7,621.44	7,892.29	7,713.04	58.04	28.93	-101.26	-15.76	723.51	3,084.78	3,019.42	65.36	47.195		
8,450.00	7,642.24	7,877.14	7,704.83	58.11	28.88	-98.54	-17.48	710.89	3,099.06	3,033.70	65.35	47.421		
8,500.00	7,659.43	7,861.32	7,695.85	58.16	28.82	-96.14	-19.31	698.00	3,112.64	3,047.29	65.36	47.625		
8,550.00	7,672.90	7,825.00	7,673.71	58.19	28.70	-93.75	-23.62	669.54	3,125.53	3,060.34	65.19	47.942		
8,600.00	7,682.52	7,843.11	7,684.99	58.20	28.75	-92.47	-21.37	683.53	3,137.23	3,071.67	65.56	47.851		
8,650.00	7,688.23	7,711.52	7,590.77	58.19	28.42	-89.32	-34.20	593.50	3,147.78	3,083.09	64.69	48.659		
8,697.19	7,690.00	7,690.62	7,574.55	58.18	28.37	-88.19	-35.91	580.34	3,156.16	3,091.38	64.78	48.720		
8,700.00	7,690.00	7,686.85	7,571.45	58.17	28.36	-88.13	-36.14	578.21	3,156.61	3,091.84	64.77	48.738		
8,800.00	7,690.00	7,618.07	7,512.47	58.15	28.22	-87.05	-39.30	543.04	3,173.50	3,108.65	64.85	48.938		
8,900.00	7,690.00	7,589.49	7,486.83	58.17	28.16	-86.58	-40.26	530.45	3,192.86	3,127.51	65.35	48.856		
9,000.00	7,690.00	7,565.68	7,465.05	58.24	28.11	-86.19	-40.97	520.88	3,214.88	3,148.90	65.98	48.727		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
9,100.00	7,690.00	7,543.00	7,443.96	58.37	28.06	-85.80	-41.57	512.55	3,239.58	3,172.90	66.68	48.583	
9,200.00	7,690.00	7,543.00	7,443.96	58.56	28.06	-85.80	-41.57	512.55	3,267.01	3,199.39	67.62	48.313	
9,300.00	7,690.00	7,543.00	7,443.96	58.83	28.06	-85.80	-41.57	512.55	3,297.25	3,228.65	68.60	48.064	
9,400.00	7,690.00	7,543.00	7,443.96	59.19	28.06	-85.80	-41.57	512.55	3,330.22	3,260.61	69.61	47.840	
9,500.00	7,690.00	7,543.00	7,443.96	59.66	28.06	-85.80	-41.57	512.55	3,365.84	3,295.20	70.64	47.648	
9,600.00	7,690.00	7,543.00	7,443.96	60.26	28.06	-85.80	-41.57	512.55	3,404.02	3,332.35	71.68	47.491	
9,700.00	7,690.00	7,543.00	7,443.96	61.01	28.06	-85.80	-41.57	512.55	3,444.69	3,371.97	72.72	47.372	
9,800.00	7,690.00	7,543.00	7,443.96	61.93	28.06	-85.80	-41.57	512.55	3,487.75	3,414.00	73.75	47.292	
9,900.00	7,690.00	7,543.00	7,443.96	63.01	28.06	-85.80	-41.57	512.55	3,533.11	3,458.34	74.77	47.251	
10,000.00	7,690.00	7,543.00	7,443.96	64.27	28.06	-85.80	-41.57	512.55	3,580.70	3,504.92	75.78	47.251	
10,100.00	7,690.00	7,543.00	7,443.96	65.70	28.06	-85.80	-41.57	512.55	3,630.41	3,553.64	76.77	47.290	
10,200.00	7,690.00	7,500.23	7,403.53	67.27	27.96	-85.07	-44.10	498.87	3,679.96	3,602.48	77.49	47.491	
10,300.00	7,690.00	7,497.03	7,400.49	68.97	27.95	-85.01	-44.41	497.96	3,733.34	3,654.92	78.42	47.607	
10,400.00	7,690.00	7,493.94	7,397.54	70.79	27.95	-84.96	-44.73	497.08	3,788.58	3,709.25	79.33	47.759	
10,500.00	7,690.00	7,449.00	7,354.46	72.70	27.84	-84.19	-51.01	485.99	3,847.73	3,767.75	79.98	48.108	
10,600.00	7,690.00	7,449.00	7,354.46	74.69	27.84	-84.19	-51.01	485.99	3,906.18	3,825.32	80.86	48.309	
10,700.00	7,690.00	7,449.00	7,354.46	76.74	27.84	-84.19	-51.01	485.99	3,966.29	3,884.58	81.71	48.544	
10,800.00	7,690.00	7,449.00	7,354.46	78.86	27.84	-84.19	-51.01	485.99	4,027.98	3,945.46	82.52	48.811	
10,900.00	7,690.00	7,449.00	7,354.46	81.03	27.84	-84.19	-51.01	485.99	4,091.19	4,007.88	83.31	49.109	
11,000.00	7,690.00	7,449.00	7,354.46	83.24	27.84	-84.19	-51.01	485.99	4,155.85	4,071.78	84.07	49.436	
11,100.00	7,690.00	7,449.00	7,354.46	85.49	27.84	-84.19	-51.01	485.99	4,221.88	4,137.09	84.79	49.791	
11,200.00	7,690.00	7,449.00	7,354.46	87.77	27.84	-84.19	-51.01	485.99	4,289.23	4,203.74	85.49	50.172	
11,300.00	7,690.00	7,449.00	7,354.46	90.09	27.84	-84.19	-51.01	485.99	4,357.83	4,271.67	86.16	50.577	
11,400.00	7,690.00	7,449.00	7,354.46	92.43	27.84	-84.19	-51.01	485.99	4,427.63	4,340.82	86.80	51.007	
11,500.00	7,690.00	7,449.00	7,354.46	94.79	27.84	-84.19	-51.01	485.99	4,498.56	4,411.14	87.42	51.458	
11,600.00	7,690.00	7,449.00	7,354.46	97.17	27.84	-84.19	-51.01	485.99	4,570.59	4,482.57	88.01	51.931	
11,700.00	7,690.00	7,449.00	7,354.46	99.57	27.84	-84.19	-51.01	485.99	4,643.65	4,555.07	88.58	52.423	
11,800.00	7,690.00	7,449.00	7,354.46	101.99	27.84	-84.19	-51.01	485.99	4,717.70	4,628.57	89.12	52.934	
11,900.00	7,690.00	7,449.00	7,354.46	104.43	27.84	-84.19	-51.01	485.99	4,792.69	4,703.05	89.64	53.463	
12,000.00	7,690.00	7,449.00	7,354.46	106.88	27.84	-84.19	-51.01	485.99	4,868.58	4,778.44	90.14	54.009	
12,100.00	7,690.00	7,449.00	7,354.46	109.34	27.84	-84.19	-51.01	485.99	4,945.33	4,854.71	90.62	54.571	
12,200.00	7,690.00	7,449.00	7,354.46	111.81	27.84	-84.19	-51.01	485.99	5,022.90	4,931.82	91.08	55.148	
12,300.00	7,690.00	7,449.00	7,354.46	114.30	27.84	-84.19	-51.01	485.99	5,101.24	5,009.72	91.52	55.739	
12,400.00	7,690.00	7,449.00	7,354.46	116.79	27.84	-84.19	-51.01	485.99	5,180.34	5,088.40	91.94	56.344	
12,500.00	7,690.00	7,449.00	7,354.46	119.30	27.84	-84.19	-51.01	485.99	5,260.14	5,167.80	92.35	56.961	
12,600.00	7,690.00	7,449.00	7,354.46	121.81	27.84	-84.19	-51.01	485.99	5,340.63	5,247.89	92.73	57.591	
12,700.00	7,690.00	7,449.00	7,354.46	124.33	27.84	-84.19	-51.01	485.99	5,421.76	5,328.66	93.11	58.232	
12,800.00	7,690.00	7,449.00	7,354.46	126.86	27.84	-84.19	-51.01	485.99	5,503.52	5,410.05	93.46	58.884	
12,900.00	7,690.00	7,449.00	7,354.46	129.40	27.84	-84.19	-51.01	485.99	5,585.87	5,492.06	93.81	59.546	
13,000.00	7,690.00	7,449.00	7,354.46	131.94	27.84	-84.19	-51.01	485.99	5,668.78	5,574.65	94.14	60.218	
13,100.00	7,690.00	7,449.00	7,354.46	134.49	27.84	-84.19	-51.01	485.99	5,752.24	5,657.79	94.45	60.899	
13,200.00	7,690.00	7,449.00	7,354.46	137.05	27.84	-84.19	-51.01	485.99	5,836.22	5,741.46	94.76	61.590	
13,300.00	7,690.00	7,449.00	7,354.46	139.61	27.84	-84.19	-51.01	485.99	5,920.70	5,825.65	95.05	62.288	
13,400.00	7,690.00	7,449.00	7,354.46	142.18	27.84	-84.19	-51.01	485.99	6,005.66	5,910.32	95.34	62.995	
13,500.00	7,690.00	7,449.00	7,354.46	144.75	27.84	-84.19	-51.01	485.99	6,091.07	5,995.46	95.61	63.709	
13,600.00	7,690.00	7,449.00	7,354.46	147.33	27.84	-84.19	-51.01	485.99	6,176.92	6,081.05	95.87	64.430	
13,700.00	7,690.00	7,449.00	7,354.46	149.91	27.84	-84.19	-51.01	485.99	6,263.19	6,167.07	96.12	65.159	
13,800.00	7,690.00	7,449.00	7,354.46	152.49	27.84	-84.19	-51.01	485.99	6,349.86	6,253.49	96.37	65.893	
13,900.00	7,690.00	7,449.00	7,354.46	155.08	27.84	-84.19	-51.01	485.99	6,436.92	6,340.32	96.60	66.634	
14,000.00	7,690.00	7,449.00	7,354.46	157.67	27.84	-84.19	-51.01	485.99	6,524.35	6,427.52	96.83	67.381	
14,100.00	7,690.00	7,449.00	7,354.46	160.27	27.84	-84.19	-51.01	485.99	6,612.14	6,515.09	97.05	68.134	
14,200.00	7,690.00	7,449.00	7,354.46	162.87	27.84	-84.19	-51.01	485.99	6,700.26	6,603.01	97.26	68.891	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
14,300.00	7,690.00	7,449.00	7,354.46	165.47	27.84	-84.19	-51.01	485.99	6,788.72	6,691.26	97.46	69.654		
14,400.00	7,690.00	7,449.00	7,354.46	168.08	27.84	-84.19	-51.01	485.99	6,877.50	6,779.83	97.66	70.422		
14,500.00	7,690.00	7,449.00	7,354.46	170.69	27.84	-84.19	-51.01	485.99	6,966.57	6,868.72	97.85	71.194		
14,600.00	7,690.00	7,449.00	7,354.46	173.30	27.84	-84.19	-51.01	485.99	7,055.94	6,957.91	98.04	71.971		
14,700.00	7,690.00	7,449.00	7,354.46	175.91	27.84	-84.19	-51.01	485.99	7,145.60	7,047.38	98.22	72.752		
14,800.00	7,690.00	7,449.00	7,354.46	178.53	27.84	-84.19	-51.01	485.99	7,235.52	7,137.13	98.39	73.537		
14,900.00	7,690.00	7,449.00	7,354.46	181.15	27.84	-84.19	-51.01	485.99	7,325.71	7,227.14	98.56	74.326		
15,000.00	7,690.00	7,449.00	7,354.46	183.77	27.84	-84.19	-51.01	485.99	7,416.14	7,317.42	98.73	75.118		
15,100.00	7,690.00	7,449.00	7,354.46	186.39	27.84	-84.19	-51.01	485.99	7,506.82	7,407.94	98.89	75.914		
15,200.00	7,690.00	7,449.00	7,354.46	189.02	27.84	-84.19	-51.01	485.99	7,597.73	7,498.69	99.04	76.713		
15,300.00	7,690.00	7,449.00	7,354.46	191.65	27.84	-84.19	-51.01	485.99	7,688.87	7,589.68	99.19	77.516		
15,400.00	7,690.00	7,449.00	7,354.46	194.27	27.84	-84.19	-51.01	485.99	7,780.23	7,680.89	99.34	78.321		
15,500.00	7,690.00	7,449.00	7,354.46	196.91	27.84	-84.19	-51.01	485.99	7,871.80	7,772.32	99.48	79.129		
15,600.00	7,690.00	7,449.00	7,354.46	199.54	27.84	-84.19	-51.01	485.99	7,963.57	7,863.95	99.62	79.940		
15,700.00	7,690.00	7,449.00	7,354.46	202.17	27.84	-84.19	-51.01	485.99	8,055.53	7,955.78	99.75	80.753		
15,800.00	7,690.00	7,449.00	7,354.46	204.81	27.84	-84.19	-51.01	485.99	8,147.69	8,047.80	99.89	81.569		
15,900.00	7,690.00	7,404.05	7,311.08	207.45	27.71	-83.42	-59.72	478.15	8,237.97	8,137.95	100.01	82.370		
16,000.00	7,690.00	7,403.26	7,310.32	210.09	27.71	-83.41	-59.88	478.04	8,330.41	8,230.27	100.14	83.189		
16,100.00	7,690.00	7,402.49	7,309.57	212.73	27.71	-83.39	-60.05	477.94	8,423.02	8,322.76	100.26	84.010		
16,200.00	7,690.00	7,401.73	7,308.84	215.37	27.71	-83.38	-60.21	477.84	8,515.80	8,415.42	100.38	84.833		
16,300.00	7,690.00	7,400.99	7,308.12	218.02	27.70	-83.37	-60.37	477.74	8,608.75	8,508.24	100.50	85.658		
16,400.00	7,690.00	7,400.27	7,307.42	220.66	27.70	-83.36	-60.52	477.65	8,701.84	8,601.22	100.62	86.484		
16,500.00	7,690.00	7,399.56	7,306.73	223.31	27.70	-83.34	-60.68	477.56	8,795.09	8,694.36	100.73	87.312		
16,600.00	7,690.00	7,355.00	7,263.58	225.95	27.57	-82.59	-71.01	473.62	8,890.43	8,789.58	100.85	88.155		
16,700.00	7,690.00	7,355.00	7,263.58	228.60	27.57	-82.59	-71.01	473.62	8,983.90	8,882.94	100.96	88.985		
16,800.00	7,690.00	7,355.00	7,263.58	231.25	27.57	-82.59	-71.01	473.62	9,077.52	8,976.45	101.07	89.816		
16,900.00	7,690.00	7,355.00	7,263.58	233.90	27.57	-82.59	-71.01	473.62	9,171.26	9,070.09	101.17	90.649		
17,000.00	7,690.00	7,355.00	7,263.58	236.56	27.57	-82.59	-71.01	473.62	9,265.14	9,163.86	101.28	91.483		
17,100.00	7,690.00	7,355.00	7,263.58	239.21	27.57	-82.59	-71.01	473.62	9,359.14	9,257.76	101.38	92.318		
17,200.00	7,690.00	7,355.00	7,263.58	241.86	27.57	-82.59	-71.01	473.62	9,453.27	9,351.79	101.48	93.155		
17,300.00	7,690.00	7,355.00	7,263.58	244.52	27.57	-82.59	-71.01	473.62	9,547.52	9,445.94	101.58	93.992		
17,400.00	7,690.00	7,355.00	7,263.58	247.17	27.57	-82.59	-71.01	473.62	9,641.88	9,540.21	101.67	94.831		
17,500.00	7,690.00	7,355.00	7,263.58	249.83	27.57	-82.59	-71.01	473.62	9,736.36	9,634.59	101.77	95.671		
17,600.00	7,690.00	7,355.00	7,263.58	252.49	27.57	-82.59	-71.01	473.62	9,830.94	9,729.08	101.86	96.512		
17,700.00	7,690.00	7,355.00	7,263.58	255.15	27.57	-82.59	-71.01	473.62	9,925.63	9,823.68	101.95	97.354		
17,800.00	7,690.00	7,355.00	7,263.58	257.81	27.57	-82.59	-71.01	473.62	10,020.42	9,918.38	102.04	98.197		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
100.00	100.00	78.69	78.69	0.27	0.10	106.53	-301.23	1,015.23	1,058.98	1,058.61	0.37	2,846.84	CC	
200.00	200.00	178.58	178.58	0.63	0.42	106.52	-301.06	1,015.32	1,059.01	1,057.96	1.05	1,008.118		
300.00	300.00	277.58	277.58	0.99	0.77	106.48	-300.48	1,015.58	1,059.10	1,057.34	1.76	601.968		
400.00	399.98	376.65	376.64	1.34	1.13	93.25	-299.86	1,015.95	1,059.38	1,056.90	2.47	428.742		
500.00	499.84	477.88	477.87	1.71	1.49	93.50	-299.47	1,016.23	1,059.84	1,056.65	3.19	331.953		
600.00	599.45	578.06	578.05	2.07	1.85	93.94	-299.17	1,016.36	1,060.45	1,056.53	3.92	270.651	ES	
700.00	698.70	676.33	676.32	2.45	2.20	94.55	-298.89	1,016.53	1,061.44	1,056.79	4.65	228.235		
800.00	797.47	775.04	775.03	2.85	2.55	95.33	-298.57	1,016.80	1,062.96	1,057.55	5.40	196.681		
900.00	895.62	873.78	873.77	3.28	2.91	96.29	-298.35	1,016.98	1,065.03	1,058.85	6.18	172.239		
1,000.00	993.06	970.47	970.47	3.73	3.25	97.38	-298.26	1,017.12	1,067.88	1,060.90	6.98	152.964		
1,100.00	1,089.64	1,064.26	1,064.25	4.23	3.58	98.59	-298.33	1,017.36	1,071.88	1,064.08	7.80	137.461		
1,200.00	1,185.27	1,159.83	1,159.82	4.75	3.91	99.96	-298.48	1,017.75	1,077.26	1,068.60	8.65	124.469		
1,300.00	1,279.82	1,254.31	1,254.30	5.33	4.25	101.42	-298.55	1,018.14	1,084.07	1,074.52	9.55	113.547		
1,400.00	1,373.17	1,348.74	1,348.73	5.94	4.58	102.99	-298.52	1,018.55	1,092.56	1,082.08	10.48	104.269		
1,500.00	1,465.21	1,440.48	1,440.46	6.60	4.91	104.61	-298.61	1,018.83	1,102.98	1,091.55	11.43	96.493		
1,554.30	1,514.61	1,489.42	1,489.41	6.98	5.08	105.51	-298.73	1,018.97	1,109.60	1,097.64	11.96	92.809		
1,600.00	1,556.00	1,530.40	1,530.38	7.30	5.22	106.38	-298.84	1,019.09	1,115.62	1,103.22	12.40	89.970		
1,700.00	1,646.56	1,619.59	1,619.57	8.03	5.53	108.25	-299.17	1,019.38	1,129.93	1,116.56	13.37	84.510		
1,800.00	1,737.13	1,708.77	1,708.75	8.76	5.84	110.07	-299.56	1,019.75	1,145.75	1,131.42	14.34	79.917		
1,900.00	1,827.70	1,799.46	1,799.44	9.50	6.16	111.89	-299.96	1,020.18	1,162.98	1,147.67	15.30	76.003		
2,000.00	1,918.27	1,890.77	1,890.75	10.25	6.48	113.67	-300.40	1,020.51	1,181.44	1,165.18	16.26	72.669		
2,100.00	2,008.83	1,981.06	1,981.04	11.00	6.80	115.38	-300.85	1,020.78	1,201.10	1,183.91	17.20	69.841		
2,200.00	2,099.40	2,071.09	2,071.07	11.76	7.12	117.04	-301.27	1,021.12	1,221.97	1,203.85	18.13	67.416		
2,300.00	2,189.97	2,162.39	2,162.37	12.52	7.44	118.67	-301.61	1,021.53	1,243.96	1,224.91	19.05	65.306		
2,400.00	2,280.53	2,259.82	2,259.79	13.28	7.78	120.36	-301.81	1,021.70	1,266.71	1,246.74	19.97	63.415		
2,500.00	2,371.10	2,350.46	2,350.44	14.05	8.08	121.88	-301.86	1,021.62	1,290.21	1,269.36	20.85	61.877		
2,600.00	2,461.67	2,441.23	2,441.20	14.81	8.39	123.36	-301.92	1,021.50	1,314.65	1,292.93	21.72	60.539		
2,700.00	2,552.24	2,532.40	2,532.38	15.58	8.70	124.79	-301.93	1,021.41	1,339.95	1,317.38	22.57	59.361		
2,800.00	2,642.80	2,623.41	2,623.38	16.35	9.01	126.17	-301.84	1,021.37	1,366.07	1,342.65	23.42	58.332		
2,900.00	2,733.37	2,712.15	2,712.12	17.13	9.31	127.47	-301.81	1,021.32	1,393.02	1,368.77	24.25	57.452		
3,000.00	2,823.94	2,804.35	2,804.33	17.90	9.63	128.77	-301.81	1,021.30	1,420.77	1,395.69	25.08	56.651		
3,100.00	2,914.51	2,893.34	2,893.32	18.67	9.94	129.99	-301.78	1,021.23	1,449.17	1,423.28	25.89	55.983		
3,200.00	3,005.07	2,984.16	2,984.14	19.45	10.26	131.18	-301.80	1,021.25	1,478.34	1,451.64	26.70	55.378		
3,300.00	3,095.64	3,075.17	3,075.15	20.22	10.58	132.33	-301.71	1,021.34	1,508.07	1,480.57	27.50	54.840		
3,400.00	3,186.21	3,164.28	3,164.26	21.00	10.89	133.42	-301.62	1,021.50	1,538.42	1,510.14	28.29	54.386		
3,500.00	3,276.77	3,253.54	3,253.51	21.77	11.21	134.47	-301.63	1,021.68	1,569.44	1,540.37	29.07	53.991		
3,600.00	3,367.34	3,345.76	3,345.74	22.55	11.54	135.52	-301.70	1,021.80	1,600.98	1,571.13	29.85	53.627		
3,700.00	3,457.91	3,436.72	3,436.70	23.33	11.85	136.53	-301.70	1,021.74	1,632.89	1,602.27	30.62	53.325		
3,800.00	3,548.48	3,525.81	3,525.78	24.11	12.16	137.47	-301.77	1,021.76	1,665.36	1,633.98	31.38	53.077		
3,900.00	3,639.04	3,616.88	3,616.86	24.88	12.48	138.40	-301.83	1,021.83	1,698.28	1,666.14	32.14	52.841		
4,000.00	3,729.61	3,708.17	3,708.14	25.66	12.81	139.30	-301.83	1,021.93	1,731.57	1,698.67	32.90	52.629		
4,100.00	3,820.18	3,799.50	3,799.48	26.44	13.13	140.17	-301.80	1,022.02	1,765.23	1,731.57	33.66	52.446		
4,200.00	3,910.74	3,890.64	3,890.62	27.22	13.45	141.01	-301.72	1,022.06	1,799.18	1,764.77	34.41	52.292		
4,300.00	4,001.31	3,979.02	3,978.99	28.00	13.76	141.79	-301.76	1,022.05	1,833.57	1,798.44	35.13	52.190		
4,400.00	4,091.88	4,070.17	4,070.15	28.78	14.08	142.58	-301.79	1,022.08	1,868.30	1,832.42	35.87	52.079		
4,500.00	4,182.45	4,159.60	4,159.58	29.56	14.39	143.32	-301.86	1,022.11	1,903.38	1,866.77	36.60	51.998		
4,600.00	4,273.01	4,252.83	4,252.81	30.34	14.72	144.06	-301.83	1,022.26	1,938.69	1,901.34	37.35	51.900		
4,700.00	4,363.58	4,343.69	4,343.66	31.12	15.04	144.75	-301.64	1,022.62	1,974.22	1,936.13	38.09	51.829		
4,800.00	4,454.15	4,432.55	4,432.52	31.90	15.35	145.41	-301.59	1,022.75	2,010.04	1,971.24	38.81	51.797		
4,900.00	4,544.72	4,521.69	4,521.67	32.68	15.66	146.06	-301.67	1,022.70	2,046.19	2,006.67	39.52	51.779		
5,000.00	4,635.28	4,611.16	4,611.13	33.46	15.97	146.68	-301.80	1,022.65	2,082.63	2,042.39	40.23	51.766		
5,100.00	4,725.85	4,701.35	4,701.32	34.24	16.28	147.30	-301.97	1,022.58	2,119.32	2,078.37	40.95	51.757		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	4,816.42	4,794.56	4,794.53	35.02	16.60	147.91	-302.10	1,022.52	2,156.19	2,114.51	41.68	51.733		
5,300.00	4,906.98	4,884.10	4,884.07	35.81	16.91	148.48	-302.17	1,022.43	2,193.21	2,150.82	42.39	51.741		
5,400.00	4,997.55	4,976.76	4,976.73	36.59	17.23	149.05	-302.24	1,022.38	2,230.42	2,187.31	43.11	51.732		
5,500.00	5,088.12	5,065.10	5,065.07	37.37	17.54	149.58	-302.27	1,022.34	2,267.79	2,223.97	43.82	51.757		
5,600.00	5,178.69	5,148.61	5,148.58	38.15	17.83	150.06	-302.44	1,022.41	2,305.51	2,261.02	44.49	51.820		
5,700.00	5,269.25	5,238.83	5,238.80	38.93	18.15	150.58	-302.99	1,021.97	2,343.63	2,298.43	45.20	51.851		
5,800.00	5,359.82	5,334.97	5,334.91	39.71	18.48	151.16	-303.79	1,019.80	2,381.74	2,335.81	45.93	51.857		
5,900.00	5,450.39	5,452.38	5,452.12	40.50	18.88	151.93	-304.95	1,013.40	2,419.59	2,372.83	46.76	51.746		
6,000.00	5,540.95	5,559.68	5,558.99	41.28	19.24	152.70	-305.60	1,003.75	2,456.64	2,409.13	47.51	51.710		
6,100.00	5,631.52	5,678.38	5,676.87	42.06	19.65	153.60	-305.88	989.85	2,493.16	2,444.86	48.30	51.619		
6,200.00	5,722.09	5,791.17	5,788.58	42.84	20.04	154.47	-305.33	974.33	2,529.02	2,479.97	49.05	51.560		
6,300.00	5,812.66	5,900.73	5,896.73	43.62	20.43	155.34	-304.31	956.85	2,564.51	2,514.73	49.78	51.521		
6,400.00	5,903.22	6,010.84	6,004.72	44.41	20.82	156.27	-302.97	935.46	2,599.61	2,549.12	50.49	51.489		
6,500.00	5,993.79	6,127.13	6,117.76	45.19	21.25	157.33	-301.17	908.26	2,634.34	2,583.12	51.21	51.438		
6,600.00	6,084.36	6,242.44	6,228.07	45.97	21.69	158.48	-298.76	874.81	2,668.36	2,616.44	51.92	51.395		
6,700.00	6,174.93	6,304.98	6,287.48	46.75	21.94	159.12	-297.68	855.32	2,703.15	2,650.75	52.40	51.588		
6,800.00	6,265.49	6,362.17	6,341.79	47.54	22.17	159.70	-297.19	837.36	2,739.30	2,686.45	52.85	51.830		
6,900.00	6,356.06	6,412.00	6,389.07	48.32	22.38	160.20	-297.25	821.65	2,776.93	2,723.67	53.26	52.140		
7,000.00	6,446.63	6,468.43	6,442.51	49.10	22.62	160.77	-297.95	803.54	2,816.03	2,762.34	53.70	52.443		
7,100.00	6,537.19	6,507.00	6,478.92	49.88	22.78	161.16	-298.84	790.85	2,856.70	2,802.68	54.02	52.880		
7,200.00	6,627.76	6,574.78	6,542.65	50.67	23.08	161.85	-301.12	767.88	2,898.67	2,844.15	54.52	53.171		
7,300.00	6,718.33	6,636.18	6,600.09	51.45	23.36	162.48	-303.79	746.35	2,941.95	2,886.98	54.97	53.519		
7,400.00	6,808.90	6,696.00	6,655.85	52.23	23.63	163.09	-306.64	724.87	2,986.20	2,930.79	55.41	53.889		
7,500.00	6,899.46	6,765.41	6,720.19	53.01	23.96	163.81	-310.29	699.12	3,031.41	2,975.48	55.93	54.200		
7,600.00	6,990.03	6,838.38	6,787.34	53.80	24.32	164.57	-314.45	670.83	3,077.58	3,021.11	56.48	54.492		
7,700.00	7,080.60	6,916.28	6,858.36	54.58	24.73	165.39	-318.82	639.15	3,124.34	3,067.27	57.07	54.744		
7,743.09	7,119.63	6,948.15	6,887.17	54.92	24.90	165.73	-320.59	625.64	3,144.70	3,087.38	57.32	54.862		
7,750.00	7,125.88	6,953.23	6,891.75	54.97	24.93	167.61	-320.87	623.45	3,147.97	3,090.61	57.36	54.882		
7,800.00	7,171.32	6,990.81	6,925.47	55.35	25.13	-178.48	-322.94	607.01	3,171.82	3,114.17	57.65	55.018		
7,850.00	7,216.74	7,029.50	6,959.92	55.71	25.36	-164.66	-325.07	589.51	3,195.75	3,137.79	57.95	55.142		
7,900.00	7,261.79	7,545.00	7,453.86	56.05	27.39	-153.17	-323.93	548.28	3,214.59	3,153.02	61.57	52.212		
7,950.00	7,306.14	7,545.00	7,453.86	56.37	27.39	-142.69	-323.93	548.28	3,231.88	3,170.23	61.65	52.422		
8,000.00	7,349.44	7,545.00	7,453.86	56.66	27.39	-133.64	-323.93	548.28	3,249.33	3,187.61	61.72	52.645		
8,050.00	7,391.36	7,577.84	7,485.24	56.92	27.47	-126.35	-322.71	557.89	3,266.37	3,204.38	61.99	52.691		
8,100.00	7,431.59	7,589.45	7,496.26	57.16	27.50	-119.98	-322.42	561.50	3,283.37	3,221.24	62.13	52.851		
8,150.00	7,469.82	7,599.59	7,505.87	57.37	27.52	-114.57	-322.23	564.74	3,300.07	3,237.82	62.25	53.014		
8,200.00	7,505.76	7,608.24	7,514.04	57.55	27.54	-109.94	-322.10	567.58	3,316.40	3,254.04	62.36	53.178		
8,250.00	7,539.14	7,639.00	7,542.92	57.71	27.62	-106.34	-322.00	578.15	3,332.50	3,269.86	62.64	53.199		
8,300.00	7,569.69	7,639.00	7,542.92	57.84	27.62	-102.78	-322.00	578.15	3,347.71	3,285.00	62.72	53.378		
8,350.00	7,597.20	7,639.00	7,542.92	57.96	27.62	-99.70	-322.00	578.15	3,362.33	3,299.52	62.81	53.534		
8,400.00	7,621.44	7,639.00	7,542.92	58.04	27.62	-97.02	-322.00	578.15	3,376.23	3,313.32	62.92	53.662		
8,450.00	7,642.24	7,639.00	7,542.92	58.11	27.62	-94.70	-322.00	578.15	3,389.34	3,326.29	63.05	53.756		
8,500.00	7,659.43	7,639.00	7,542.92	58.16	27.62	-92.73	-322.00	578.15	3,401.57	3,338.35	63.21	53.811		
8,550.00	7,672.90	7,639.00	7,542.92	58.19	27.62	-91.07	-322.00	578.15	3,412.82	3,349.41	63.41	53.824		
8,600.00	7,682.52	7,639.00	7,542.92	58.20	27.62	-89.71	-322.00	578.15	3,423.02	3,359.39	63.63	53.793		
8,650.00	7,688.23	7,639.00	7,542.92	58.19	27.62	-88.63	-322.00	578.15	3,432.11	3,368.22	63.89	53.717		
8,697.19	7,690.00	7,639.00	7,542.92	58.18	27.62	-87.88	-322.00	578.15	3,439.61	3,375.44	64.16	53.607		
8,700.00	7,690.00	7,639.00	7,542.92	58.17	27.62	-87.88	-322.00	578.15	3,440.02	3,375.84	64.18	53.599		
8,800.00	7,690.00	7,639.00	7,542.92	58.15	27.62	-87.88	-322.00	578.15	3,456.27	3,391.43	64.84	53.304		
8,900.00	7,690.00	7,597.52	7,503.91	58.17	27.52	-87.22	-322.26	564.07	3,474.47	3,409.18	65.28	53.221		
9,000.00	7,690.00	7,588.38	7,495.25	58.24	27.49	-87.07	-322.45	561.16	3,495.83	3,429.78	66.05	52.923		
9,100.00	7,690.00	7,579.66	7,486.97	58.37	27.47	-86.94	-322.66	558.45	3,519.83	3,452.93	66.90	52.613		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
9,200.00	7,690.00	7,545.00	7,453.86	58.56	27.39	-86.38	-323.93	548.28	3,546.78	3,479.16	67.62	52.455	
9,300.00	7,690.00	7,545.00	7,453.86	58.83	27.39	-86.38	-323.93	548.28	3,575.71	3,507.08	68.63	52.098	
9,400.00	7,690.00	7,545.00	7,453.86	59.19	27.39	-86.38	-323.93	548.28	3,607.19	3,537.50	69.69	51.763	
9,500.00	7,690.00	7,545.00	7,453.86	59.66	27.39	-86.38	-323.93	548.28	3,641.13	3,570.37	70.76	51.455	
9,600.00	7,690.00	7,545.00	7,453.86	60.26	27.39	-86.38	-323.93	548.28	3,677.49	3,605.64	71.85	51.180	
9,700.00	7,690.00	7,545.00	7,453.86	61.01	27.39	-86.38	-323.93	548.28	3,716.18	3,643.23	72.95	50.939	
9,800.00	7,690.00	7,545.00	7,453.86	61.93	27.39	-86.38	-323.93	548.28	3,757.14	3,683.08	74.05	50.736	
9,900.00	7,690.00	7,545.00	7,453.86	63.01	27.39	-86.38	-323.93	548.28	3,800.28	3,725.14	75.15	50.573	
10,000.00	7,690.00	7,507.10	7,417.38	64.27	27.29	-85.77	-325.93	538.17	3,844.93	3,768.93	76.00	50.590	
10,100.00	7,690.00	7,499.55	7,410.10	65.70	27.27	-85.65	-326.38	536.26	3,891.96	3,814.93	77.03	50.524	
10,200.00	7,690.00	7,492.29	7,403.07	67.27	27.25	-85.53	-326.84	534.46	3,940.92	3,862.87	78.05	50.495 SF	
10,300.00	7,690.00	7,485.29	7,396.30	68.97	27.23	-85.42	-327.30	532.76	3,991.74	3,912.70	79.04	50.501	
10,400.00	7,690.00	7,451.00	7,363.02	70.79	27.15	-84.87	-329.78	524.87	4,044.69	3,964.82	79.87	50.642	
10,500.00	7,690.00	7,451.00	7,363.02	72.70	27.15	-84.87	-329.78	524.87	4,098.89	4,018.03	80.86	50.691	
10,600.00	7,690.00	7,451.00	7,363.02	74.69	27.15	-84.87	-329.78	524.87	4,154.79	4,072.97	81.82	50.777	
10,700.00	7,690.00	7,451.00	7,363.02	76.74	27.15	-84.87	-329.78	524.87	4,212.33	4,129.57	82.76	50.898	
10,800.00	7,690.00	7,451.00	7,363.02	78.86	27.15	-84.87	-329.78	524.87	4,271.43	4,187.76	83.67	51.053	
10,900.00	7,690.00	7,451.00	7,363.02	81.03	27.15	-84.87	-329.78	524.87	4,332.03	4,247.49	84.54	51.241	
11,000.00	7,690.00	7,451.00	7,363.02	83.24	27.15	-84.87	-329.78	524.87	4,394.07	4,308.68	85.39	51.459	
11,100.00	7,690.00	7,451.00	7,363.02	85.49	27.15	-84.87	-329.78	524.87	4,457.50	4,371.29	86.21	51.707	
11,200.00	7,690.00	7,451.00	7,363.02	87.77	27.15	-84.87	-329.78	524.87	4,522.24	4,435.25	86.99	51.983	
11,300.00	7,690.00	7,451.00	7,363.02	90.09	27.15	-84.87	-329.78	524.87	4,588.25	4,500.50	87.75	52.285	
11,400.00	7,690.00	7,451.00	7,363.02	92.43	27.15	-84.87	-329.78	524.87	4,655.48	4,566.99	88.49	52.613	
11,500.00	7,690.00	7,415.40	7,328.23	94.79	27.05	-84.29	-332.40	517.80	4,723.33	4,634.28	89.04	53.045	
11,600.00	7,690.00	7,411.10	7,324.01	97.17	27.04	-84.22	-332.70	517.05	4,792.67	4,702.97	89.71	53.426	
11,700.00	7,690.00	7,407.04	7,320.02	99.57	27.03	-84.16	-332.97	516.36	4,863.07	4,772.73	90.35	53.827	
11,800.00	7,690.00	7,403.20	7,316.24	101.99	27.02	-84.10	-333.23	515.72	4,934.48	4,843.52	90.96	54.247	
11,900.00	7,690.00	7,399.56	7,312.65	104.43	27.01	-84.04	-333.47	515.14	5,006.86	4,915.30	91.56	54.686	
12,000.00	7,690.00	7,396.11	7,309.25	106.88	27.00	-83.98	-333.69	514.60	5,080.16	4,988.04	92.13	55.143	
12,100.00	7,690.00	7,357.00	7,270.56	109.34	26.90	-83.34	-336.01	509.45	5,154.94	5,062.41	92.53	55.713	
12,200.00	7,690.00	7,357.00	7,270.56	111.81	26.90	-83.34	-336.01	509.45	5,229.89	5,136.82	93.07	56.192	
12,300.00	7,690.00	7,357.00	7,270.56	114.30	26.90	-83.34	-336.01	509.45	5,305.66	5,212.07	93.59	56.688	
12,400.00	7,690.00	7,357.00	7,270.56	116.79	26.90	-83.34	-336.01	509.45	5,382.23	5,288.13	94.10	57.199	
12,500.00	7,690.00	7,357.00	7,270.56	119.30	26.90	-83.34	-336.01	509.45	5,459.55	5,364.97	94.58	57.725	
12,600.00	7,690.00	7,357.00	7,270.56	121.81	26.90	-83.34	-336.01	509.45	5,537.60	5,442.56	95.04	58.264	
12,700.00	7,690.00	7,357.00	7,270.56	124.33	26.90	-83.34	-336.01	509.45	5,616.35	5,520.86	95.49	58.816	
12,800.00	7,690.00	7,357.00	7,270.56	126.86	26.90	-83.34	-336.01	509.45	5,695.76	5,599.84	95.92	59.380	
12,900.00	7,690.00	7,357.00	7,270.56	129.40	26.90	-83.34	-336.01	509.45	5,775.81	5,679.48	96.33	59.957	
13,000.00	7,690.00	7,357.00	7,270.56	131.94	26.90	-83.34	-336.01	509.45	5,856.48	5,759.75	96.73	60.544	
13,100.00	7,690.00	7,357.00	7,270.56	134.49	26.90	-83.34	-336.01	509.45	5,937.73	5,840.62	97.11	61.142	
13,200.00	7,690.00	7,357.00	7,270.56	137.05	26.90	-83.34	-336.01	509.45	6,019.55	5,922.07	97.48	61.750	
13,300.00	7,690.00	7,357.00	7,270.56	139.61	26.90	-83.34	-336.01	509.45	6,101.91	6,004.07	97.84	62.368	
13,400.00	7,690.00	7,357.00	7,270.56	142.18	26.90	-83.34	-336.01	509.45	6,184.79	6,086.61	98.18	62.995	
13,500.00	7,690.00	7,357.00	7,270.56	144.75	26.90	-83.34	-336.01	509.45	6,268.17	6,169.66	98.51	63.630	
13,600.00	7,690.00	7,357.00	7,270.56	147.33	26.90	-83.34	-336.01	509.45	6,352.03	6,253.20	98.83	64.274	
13,700.00	7,690.00	7,357.00	7,270.56	149.91	26.90	-83.34	-336.01	509.45	6,436.35	6,337.22	99.13	64.926	
13,800.00	7,690.00	7,357.00	7,270.56	152.49	26.90	-83.34	-336.01	509.45	6,521.11	6,421.68	99.43	65.585	
13,900.00	7,690.00	7,357.00	7,270.56	155.08	26.90	-83.34	-336.01	509.45	6,606.30	6,506.59	99.72	66.252	
14,000.00	7,690.00	7,357.00	7,270.56	157.67	26.90	-83.34	-336.01	509.45	6,691.90	6,591.91	99.99	66.925	
14,100.00	7,690.00	7,357.00	7,270.56	160.27	26.90	-83.34	-336.01	509.45	6,777.90	6,677.64	100.26	67.605	
14,200.00	7,690.00	7,357.00	7,270.56	162.87	26.90	-83.34	-336.01	509.45	6,864.27	6,763.76	100.52	68.291	
14,300.00	7,690.00	7,357.00	7,270.56	165.47	26.90	-83.34	-336.01	509.45	6,951.01	6,850.25	100.76	68.983	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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: 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		
14,400.00	7,690.00	7,357.00	7,270.56	168.08	26.90	-83.34	-336.01	509.45	7,038.10	6,937.10	101.01	69.680		
14,500.00	7,690.00	7,357.00	7,270.56	170.69	26.90	-83.34	-336.01	509.45	7,125.53	7,024.29	101.24	70.384		
14,600.00	7,690.00	7,357.00	7,270.56	173.30	26.90	-83.34	-336.01	509.45	7,213.29	7,111.82	101.46	71.092		
14,700.00	7,690.00	7,357.00	7,270.56	175.91	26.90	-83.34	-336.01	509.45	7,301.36	7,199.68	101.68	71.805		
14,800.00	7,690.00	7,357.00	7,270.56	178.53	26.90	-83.34	-336.01	509.45	7,389.73	7,287.84	101.90	72.523		
14,900.00	7,690.00	7,357.00	7,270.56	181.15	26.90	-83.34	-336.01	509.45	7,478.40	7,376.30	102.10	73.245		
15,000.00	7,690.00	7,357.00	7,270.56	183.77	26.90	-83.34	-336.01	509.45	7,567.35	7,465.05	102.30	73.972		
15,100.00	7,690.00	7,357.00	7,270.56	186.39	26.90	-83.34	-336.01	509.45	7,656.58	7,554.08	102.49	74.703		
15,200.00	7,690.00	7,357.00	7,270.56	189.02	26.90	-83.34	-336.01	509.45	7,746.06	7,643.38	102.68	75.438		
15,300.00	7,690.00	7,357.00	7,270.56	191.65	26.90	-83.34	-336.01	509.45	7,835.80	7,732.94	102.86	76.176		
15,400.00	7,690.00	7,357.00	7,270.56	194.27	26.90	-83.34	-336.01	509.45	7,925.79	7,822.75	103.04	76.919		
15,500.00	7,690.00	7,357.00	7,270.56	196.91	26.90	-83.34	-336.01	509.45	8,016.01	7,912.80	103.21	77.664		
15,600.00	7,690.00	7,357.00	7,270.56	199.54	26.90	-83.34	-336.01	509.45	8,106.46	8,003.08	103.38	78.413		
15,700.00	7,690.00	7,357.00	7,270.56	202.17	26.90	-83.34	-336.01	509.45	8,197.14	8,093.59	103.54	79.165		
15,800.00	7,690.00	7,357.00	7,270.56	204.81	26.90	-83.34	-336.01	509.45	8,288.03	8,184.33	103.70	79.920		
15,900.00	7,690.00	7,357.00	7,270.56	207.45	26.90	-83.34	-336.01	509.45	8,379.13	8,275.27	103.86	80.678		
16,000.00	7,690.00	7,357.00	7,270.56	210.09	26.90	-83.34	-336.01	509.45	8,470.42	8,366.41	104.01	81.439		
16,100.00	7,690.00	7,357.00	7,270.56	212.73	26.90	-83.34	-336.01	509.45	8,561.92	8,457.76	104.16	82.203		
16,200.00	7,690.00	7,357.00	7,270.56	215.37	26.90	-83.34	-336.01	509.45	8,653.60	8,549.30	104.30	82.968		
16,300.00	7,690.00	7,357.00	7,270.56	218.02	26.90	-83.34	-336.01	509.45	8,745.46	8,641.02	104.44	83.737		
16,400.00	7,690.00	7,357.00	7,270.56	220.66	26.90	-83.34	-336.01	509.45	8,837.50	8,732.92	104.58	84.507		
16,500.00	7,690.00	7,357.00	7,270.56	223.31	26.90	-83.34	-336.01	509.45	8,929.71	8,825.00	104.71	85.280		
16,600.00	7,690.00	7,357.00	7,270.56	225.95	26.90	-83.34	-336.01	509.45	9,022.09	8,917.24	104.84	86.055		
16,700.00	7,690.00	7,357.00	7,270.56	228.60	26.90	-83.34	-336.01	509.45	9,114.62	9,009.65	104.97	86.832		
16,800.00	7,690.00	7,357.00	7,270.56	231.25	26.90	-83.34	-336.01	509.45	9,207.32	9,102.22	105.09	87.611		
16,900.00	7,690.00	7,357.00	7,270.56	233.90	26.90	-83.34	-336.01	509.45	9,300.16	9,194.95	105.22	88.392		
17,000.00	7,690.00	7,357.00	7,270.56	236.56	26.90	-83.34	-336.01	509.45	9,393.15	9,287.82	105.34	89.174		
17,100.00	7,690.00	7,357.00	7,270.56	239.21	26.90	-83.34	-336.01	509.45	9,486.29	9,380.84	105.45	89.958		
17,200.00	7,690.00	7,357.00	7,270.56	241.86	26.90	-83.34	-336.01	509.45	9,579.56	9,473.99	105.57	90.744		
17,300.00	7,690.00	7,357.00	7,270.56	244.52	26.90	-83.34	-336.01	509.45	9,672.97	9,567.29	105.68	91.531		
17,400.00	7,690.00	7,357.00	7,270.56	247.17	26.90	-83.34	-336.01	509.45	9,766.51	9,660.72	105.79	92.320		
17,500.00	7,690.00	7,357.00	7,270.56	249.83	26.90	-83.34	-336.01	509.45	9,860.17	9,754.27	105.90	93.110		
17,600.00	7,690.00	7,357.00	7,270.56	252.49	26.90	-83.34	-336.01	509.45	9,953.96	9,847.95	106.00	93.901		
17,700.00	7,690.00	7,357.00	7,270.56	255.15	26.90	-83.34	-336.01	509.45	10,047.87	9,941.76	106.11	94.693		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
0.00	0.00	2.00	2.00	0.00	0.00	179.85	-219.66	0.56	219.66					
100.00	100.00	104.71	104.71	0.27	0.21	179.91	-218.89	0.35	218.91	218.43	0.48	455.171		
200.00	200.00	204.29	204.28	0.63	0.57	179.98	-217.76	0.09	217.77	216.58	1.19	182.437		
300.00	300.00	304.04	304.02	0.99	0.92	-180.00	-216.78	-0.01	216.79	214.88	1.91	113.543		
326.87	326.87	330.87	330.85	1.08	1.02	166.74	-216.54	-0.05	216.67	214.57	2.10	103.080 CC, ES		
400.00	399.98	403.99	403.97	1.34	1.28	166.88	-215.87	-0.21	217.58	214.95	2.63	82.847		
500.00	499.84	503.36	503.34	1.71	1.64	167.24	-215.05	-0.52	221.86	218.51	3.35	66.322		
600.00	599.45	602.68	602.65	2.07	1.99	167.75	-214.46	-0.78	229.78	225.71	4.07	56.510		
700.00	698.70	701.94	701.91	2.45	2.35	168.39	-213.95	-1.08	241.20	236.41	4.79	50.367		
800.00	797.47	800.38	800.35	2.85	2.70	169.10	-213.53	-1.34	256.14	250.63	5.51	46.475		
900.00	895.62	898.61	898.58	3.28	3.05	169.83	-213.18	-1.51	274.57	268.33	6.24	44.029		
1,000.00	993.06	995.98	995.95	3.73	3.40	170.55	-212.85	-1.67	296.43	289.47	6.96	42.587		
1,100.00	1,089.64	1,092.46	1,092.43	4.23	3.75	171.26	-212.58	-1.82	321.75	314.07	7.69	41.867		
1,200.00	1,185.27	1,188.25	1,188.22	4.75	4.09	171.94	-212.32	-1.99	350.46	342.05	8.41	41.671		
1,300.00	1,279.82	1,282.84	1,282.81	5.33	4.43	172.56	-212.03	-2.14	382.47	373.34	9.13	41.871		
1,400.00	1,373.17	1,376.03	1,376.00	5.94	4.76	173.13	-211.83	-2.31	417.88	408.03	9.86	42.397		
1,500.00	1,465.21	1,468.37	1,468.34	6.60	5.09	173.66	-211.56	-2.53	456.50	445.92	10.58	43.151		
1,554.30	1,514.61	1,517.49	1,517.45	6.98	5.27	173.92	-211.44	-2.65	478.84	467.87	10.97	43.645		
1,600.00	1,556.00	1,558.79	1,558.75	7.30	5.42	174.17	-211.36	-2.77	498.06	486.77	11.30	44.088		
1,700.00	1,646.56	1,649.11	1,649.08	8.03	5.74	174.67	-211.19	-3.08	540.17	528.17	12.01	44.995		
1,800.00	1,737.13	1,739.04	1,739.01	8.76	6.05	175.10	-211.11	-3.51	582.42	569.71	12.71	45.810		
1,900.00	1,827.70	1,830.36	1,830.32	9.50	6.38	175.48	-211.00	-3.90	624.66	611.22	13.43	46.498		
2,000.00	1,918.27	1,920.80	1,920.76	10.25	6.70	175.80	-210.86	-4.25	666.87	652.72	14.15	47.114		
2,100.00	2,008.83	2,010.62	2,010.58	11.00	7.01	176.08	-210.78	-4.58	709.15	694.28	14.87	47.686		
2,200.00	2,099.40	2,099.95	2,099.91	11.76	7.33	176.32	-210.83	-4.94	751.58	736.00	15.58	48.228		
2,300.00	2,189.97	2,189.14	2,189.10	12.52	7.64	176.55	-211.01	-5.33	794.17	777.87	16.30	48.729		
2,400.00	2,280.53	2,279.47	2,279.43	13.28	7.95	176.75	-211.32	-5.76	836.89	819.87	17.02	49.170		
2,500.00	2,371.10	2,373.94	2,373.90	14.05	8.28	176.93	-211.37	-6.00	879.32	861.54	17.77	49.472		
2,600.00	2,461.67	2,464.13	2,464.08	14.81	8.61	177.08	-211.27	-6.15	921.60	903.09	18.51	49.798		
2,700.00	2,552.24	2,553.36	2,553.32	15.58	8.92	177.21	-211.28	-6.29	963.99	944.76	19.23	50.134		
2,800.00	2,642.80	2,645.80	2,645.75	16.35	9.24	177.33	-211.28	-6.29	1,006.34	986.38	19.97	50.403		
2,900.00	2,733.37	2,736.74	2,736.70	17.13	9.55	177.44	-211.18	-6.21	1,048.60	1,027.91	20.70	50.668		
3,000.00	2,823.94	2,826.00	2,825.96	17.90	9.86	177.54	-211.14	-6.22	1,090.92	1,069.51	21.42	50.933		
3,100.00	2,914.51	2,914.77	2,914.72	18.67	10.16	177.63	-211.22	-6.26	1,133.38	1,111.25	22.13	51.206		
3,200.00	3,005.07	3,008.20	3,008.16	19.45	10.49	177.72	-211.26	-6.26	1,175.79	1,152.91	22.88	51.385		
3,300.00	3,095.64	3,099.11	3,099.07	20.22	10.81	177.80	-211.16	-6.25	1,218.06	1,194.44	23.62	51.566		
3,400.00	3,186.21	3,188.26	3,188.22	21.00	11.11	177.87	-211.11	-6.20	1,260.37	1,236.03	24.34	51.781		
3,500.00	3,276.77	3,278.34	3,278.29	21.77	11.41	177.94	-211.14	-6.16	1,302.77	1,277.71	25.06	51.987		
3,600.00	3,367.34	3,369.38	3,369.33	22.55	11.72	178.00	-211.18	-6.11	1,345.17	1,319.38	25.79	52.166		
3,700.00	3,457.91	3,460.37	3,460.33	23.33	12.02	178.05	-211.18	-6.00	1,387.53	1,361.01	26.52	52.327		
3,800.00	3,548.48	3,551.82	3,551.78	24.11	12.34	178.11	-211.15	-5.89	1,429.86	1,402.60	27.25	52.465		
3,900.00	3,639.04	3,640.35	3,640.31	24.88	12.64	178.16	-211.12	-5.82	1,472.19	1,444.21	27.97	52.628		
4,000.00	3,729.61	3,729.80	3,729.76	25.66	12.95	178.21	-211.21	-5.90	1,514.68	1,485.98	28.70	52.775		
4,100.00	3,820.18	3,821.53	3,821.49	26.44	13.27	178.26	-211.28	-5.99	1,557.14	1,527.69	29.45	52.881		
4,200.00	3,910.74	3,913.72	3,913.67	27.22	13.60	178.32	-211.25	-6.10	1,599.52	1,569.31	30.20	52.964		
4,300.00	4,001.31	4,003.65	4,003.60	28.00	13.91	178.36	-211.15	-6.24	1,641.83	1,610.89	30.94	53.065		
4,400.00	4,091.88	4,092.71	4,092.67	28.78	14.23	178.41	-211.17	-6.37	1,684.26	1,652.59	31.67	53.177		
4,500.00	4,182.45	4,184.04	4,184.00	29.56	14.55	178.46	-211.19	-6.53	1,726.70	1,694.28	32.42	53.258		
4,600.00	4,273.01	4,274.83	4,274.79	30.34	14.87	178.50	-211.17	-6.62	1,769.08	1,735.91	33.17	53.341		
4,700.00	4,363.58	4,363.59	4,363.54	31.12	15.18	178.53	-211.24	-6.58	1,811.53	1,777.64	33.89	53.454		
4,800.00	4,454.15	4,452.96	4,452.92	31.90	15.48	178.56	-211.37	-6.55	1,854.04	1,819.43	34.61	53.564		
4,900.00	4,544.72	4,542.22	4,542.18	32.68	15.79	178.59	-211.55	-6.62	1,896.62	1,861.28	35.34	53.667		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,000.00	4,635.28	4,632.99	4,632.94	33.46	16.10	178.62	-211.76	-6.69	1,939.23	1,903.15	36.08	53.749		
5,100.00	4,725.85	4,726.15	4,726.10	34.24	16.42	178.65	-211.92	-6.65	1,981.77	1,944.93	36.83	53.803		
5,200.00	4,816.42	4,821.06	4,821.02	35.02	16.75	178.68	-211.88	-6.71	2,024.12	1,986.52	37.61	53.824		
5,300.00	4,906.98	4,911.88	4,911.84	35.81	17.07	178.71	-211.74	-6.76	2,066.38	2,028.03	38.35	53.877		
5,400.00	4,997.55	5,000.81	5,000.77	36.59	17.38	178.74	-211.68	-6.70	2,108.71	2,069.62	39.08	53.955		
5,500.00	5,088.12	5,149.53	5,149.45	37.37	17.89	178.78	-209.66	-6.49	2,149.89	2,109.66	40.23	53.444		
5,600.00	5,178.69	5,338.77	5,338.44	38.15	18.56	178.88	-200.18	-6.32	2,187.86	2,146.25	41.61	52.586		
5,700.00	5,269.25	5,635.21	5,632.58	38.93	19.61	178.91	-165.46	2.51	2,218.37	2,174.92	43.45	51.058		
5,800.00	5,359.82	5,726.05	5,722.12	39.71	19.94	178.85	-151.53	8.73	2,245.31	2,201.10	44.21	50.786		
5,900.00	5,450.39	5,798.92	5,794.03	40.50	20.20	178.78	-141.13	14.32	2,273.08	2,228.19	44.89	50.639		
6,000.00	5,540.95	5,871.89	5,866.12	41.28	20.46	178.69	-131.66	20.50	2,301.89	2,256.33	45.56	50.522		
6,100.00	5,631.52	5,951.78	5,945.09	42.06	20.76	178.58	-122.10	27.89	2,331.51	2,285.24	46.27	50.392		
6,200.00	5,722.09	6,047.90	6,040.03	42.84	21.11	178.40	-111.25	38.32	2,361.45	2,314.40	47.06	50.182		
6,300.00	5,812.66	6,290.85	6,277.44	43.62	22.02	177.64	-80.81	79.21	2,389.95	2,341.38	48.57	49.208		
6,400.00	5,903.22	7,161.63	7,073.81	44.41	26.10	174.51	193.08	279.80	2,390.16	2,339.21	50.94	46.919		
6,500.00	5,993.79	7,261.00	7,159.06	45.19	26.68	174.21	238.71	302.74	2,382.41	2,330.57	51.84	45.957		
6,600.00	6,084.36	7,827.00	7,600.27	45.97	29.58	177.61	550.71	228.19	2,370.11	2,318.88	51.23	46.262		
6,700.00	6,174.93	7,827.00	7,600.27	46.75	29.58	177.61	550.71	228.19	2,346.83	2,294.41	52.43	44.765		
6,800.00	6,265.49	7,827.00	7,600.27	47.54	29.58	177.61	550.71	228.19	2,327.62	2,274.06	53.57	43.452		
6,900.00	6,356.06	7,869.64	7,623.77	48.32	29.71	178.40	573.74	201.10	2,310.65	2,256.04	54.61	42.308		
7,000.00	6,446.63	7,882.31	7,630.68	49.10	29.75	178.64	579.93	192.48	2,298.45	2,242.80	55.65	41.302		
7,100.00	6,537.19	7,921.00	7,651.50	49.88	29.89	179.42	596.88	164.64	2,291.01	2,234.37	56.64	40.446		
7,200.00	6,627.76	7,921.00	7,651.50	50.67	29.89	179.42	596.88	164.64	2,286.28	2,228.74	57.55	39.729		
7,258.26	6,680.53	7,921.00	7,651.50	51.12	29.89	179.42	596.88	164.64	2,285.54	2,227.51	58.03	39.383		
7,300.00	6,718.33	7,921.00	7,651.50	51.45	29.89	179.42	596.88	164.64	2,285.92	2,227.56	58.36	39.168		
7,400.00	6,808.90	7,921.00	7,651.50	52.23	29.89	179.42	596.88	164.64	2,289.93	2,230.85	59.09	38.756		
7,500.00	6,899.46	7,921.00	7,651.50	53.01	29.89	179.42	596.88	164.64	2,298.29	2,238.58	59.71	38.488		
7,600.00	6,990.03	7,921.00	7,651.50	53.80	29.89	179.42	596.88	164.64	2,310.95	2,250.70	60.25	38.359		
7,700.00	7,080.60	7,921.00	7,651.50	54.58	29.89	179.42	596.88	164.64	2,327.84	2,267.16	60.68	38.362		
7,743.09	7,119.63	7,921.00	7,651.50	54.92	29.89	179.42	596.88	164.64	2,336.40	2,275.56	60.84	38.402		
7,750.00	7,125.88	7,921.00	7,651.50	54.97	29.89	-178.98	596.88	164.64	2,337.83	2,276.97	60.86	38.411		
7,800.00	7,171.32	7,962.96	7,673.69	55.35	29.97	-166.29	611.75	132.30	2,345.94	2,284.65	61.28	38.279		
7,850.00	7,216.74	7,967.96	7,676.32	55.71	29.98	-154.42	613.26	128.32	2,355.92	2,294.46	61.46	38.334		
7,900.00	7,261.79	7,973.39	7,679.17	56.05	29.99	-143.40	614.84	123.98	2,365.80	2,304.19	61.61	38.401		
7,950.00	7,306.14	8,015.00	7,700.73	56.37	30.10	-133.17	624.77	89.83	2,377.24	2,315.25	61.98	38.355		
8,000.00	7,349.44	8,015.00	7,700.73	56.66	30.10	-125.10	624.77	89.83	2,386.09	2,324.04	62.05	38.453		
8,050.00	7,391.36	8,015.00	7,700.73	56.92	30.10	-118.39	624.77	89.83	2,394.65	2,332.55	62.10	38.560		
8,100.00	7,431.59	8,015.00	7,700.73	57.16	30.10	-112.85	624.77	89.83	2,402.86	2,340.72	62.14	38.670		
8,150.00	7,469.82	8,015.00	7,700.73	57.37	30.10	-108.27	624.77	89.83	2,410.66	2,348.50	62.16	38.780		
8,200.00	7,505.76	8,015.00	7,700.73	57.55	30.10	-104.48	624.77	89.83	2,418.00	2,355.82	62.18	38.885		
8,250.00	7,539.14	8,015.00	7,700.73	57.71	30.10	-101.33	624.77	89.83	2,424.82	2,362.61	62.21	38.978		
8,300.00	7,569.69	8,015.00	7,700.73	57.84	30.10	-98.71	624.77	89.83	2,431.08	2,368.83	62.25	39.054		
8,350.00	7,597.20	8,015.00	7,700.73	57.96	30.10	-96.55	624.77	89.83	2,436.73	2,374.42	62.31	39.106		
8,400.00	7,621.44	8,059.12	7,722.37	58.04	30.16	-94.81	632.03	52.09	2,440.10	2,377.30	62.79	38.858		
8,450.00	7,642.24	8,071.26	7,727.98	58.11	30.18	-93.47	633.61	41.44	2,443.40	2,380.39	63.01	38.779		
8,500.00	7,659.43	8,110.00	7,744.86	58.16	30.26	-92.55	637.44	6.78	2,446.36	2,382.86	63.50	38.525		
8,550.00	7,672.90	8,110.00	7,744.86	58.19	30.26	-91.86	637.44	6.78	2,447.35	2,383.66	63.69	38.423		
8,600.00	7,682.52	8,110.00	7,744.86	58.20	30.26	-91.42	637.44	6.78	2,447.63	2,383.70	63.93	38.283		
8,650.00	7,688.23	8,110.00	7,744.86	58.19	30.26	-91.22	637.44	6.78	2,447.20	2,382.98	64.22	38.106		
8,697.19	7,690.00	8,145.50	7,758.63	58.18	30.31	-91.56	639.78	-25.85	2,445.57	2,380.69	64.87	37.698		
8,700.00	7,690.00	8,146.67	7,759.05	58.17	30.31	-91.57	639.84	-26.93	2,445.45	2,380.54	64.90	37.678		
8,800.00	7,690.00	8,204.00	7,777.12	58.15	30.46	-92.00	642.18	-81.27	2,442.60	2,376.41	66.19	36.900		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
8,900.00	7,690.00	8,251.27	7,788.89	58.17	30.62	-92.27	643.20	-127.03	2,441.72	2,374.16	67.56	36.143		
8,907.50	7,690.00	8,256.67	7,790.11	58.17	30.65	-92.30	643.29	-132.30	2,441.71	2,374.02	67.69	36.072		
9,000.00	7,690.00	8,357.66	7,806.77	58.24	31.31	-92.69	644.50	-231.81	2,441.99	2,372.21	69.78	34.996		
9,100.00	7,690.00	8,491.23	7,810.90	58.37	32.70	-92.79	647.18	-365.26	2,440.84	2,368.15	72.70	33.575		
9,200.00	7,690.00	8,608.78	7,812.17	58.56	34.28	-92.83	650.58	-482.75	2,438.75	2,362.91	75.83	32.159		
9,300.00	7,690.00	8,698.03	7,813.09	58.83	35.63	-92.85	653.41	-571.96	2,436.40	2,357.71	78.69	30.962		
9,400.00	7,690.00	8,772.00	7,813.84	59.19	36.83	-92.87	654.77	-645.91	2,435.28	2,353.89	81.39	29.922		
9,500.00	7,690.00	8,883.60	7,814.97	59.66	38.77	-92.90	656.39	-757.49	2,434.69	2,349.53	85.16	28.590		
9,600.00	7,690.00	9,016.08	7,815.63	60.26	41.25	-92.91	660.66	-889.90	2,432.11	2,342.40	89.72	27.109		
9,700.00	7,690.00	9,121.11	7,816.83	61.01	43.33	-92.95	664.30	-994.86	2,429.47	2,335.71	93.76	25.911		
9,800.00	7,690.00	9,221.19	7,818.91	61.93	45.40	-93.00	668.14	-1,094.84	2,426.50	2,328.67	97.82	24.805		
9,900.00	7,690.00	9,315.67	7,821.58	63.01	47.40	-93.07	671.62	-1,189.22	2,423.72	2,321.87	101.84	23.799		
10,000.00	7,690.00	9,426.22	7,824.76	64.27	49.81	-93.15	675.74	-1,299.65	2,420.91	2,314.45	106.46	22.740		
10,100.00	7,690.00	9,515.28	7,827.32	65.70	51.80	-93.21	679.14	-1,388.60	2,418.01	2,307.50	110.51	21.881		
10,200.00	7,690.00	9,591.19	7,829.53	67.27	53.52	-93.26	681.51	-1,464.44	2,415.83	2,301.63	114.20	21.155		
10,300.00	7,690.00	9,666.48	7,831.76	68.97	55.24	-93.32	683.05	-1,539.69	2,414.70	2,296.79	117.91	20.480		
10,363.59	7,690.00	9,715.00	7,833.23	70.11	56.36	-93.35	683.66	-1,588.18	2,414.50	2,294.20	120.30	20.070		
10,400.00	7,690.00	9,741.61	7,834.05	70.79	56.97	-93.37	683.85	-1,614.77	2,414.58	2,292.93	121.64	19.850		
10,500.00	7,690.00	9,809.00	7,836.09	72.70	58.54	-93.42	683.87	-1,682.14	2,415.54	2,290.40	125.14	19.303		
10,600.00	7,690.00	9,879.70	7,838.23	74.69	60.19	-93.47	682.98	-1,752.80	2,417.78	2,289.00	128.77	18.776		
10,700.00	7,690.00	9,952.25	7,840.46	76.74	61.90	-93.52	681.04	-1,825.29	2,421.36	2,288.88	132.48	18.272		
10,800.00	7,690.00	10,040.56	7,843.21	78.86	63.98	-93.58	677.90	-1,913.49	2,425.85	2,289.06	136.79	17.734		
10,900.00	7,690.00	10,133.39	7,846.09	81.03	66.19	-93.64	674.51	-2,006.22	2,430.45	2,289.15	141.30	17.201		
11,000.00	7,690.00	10,210.79	7,848.37	83.24	68.05	-93.69	671.15	-2,083.51	2,435.73	2,290.48	145.25	16.769		
11,100.00	7,690.00	10,282.01	7,850.38	85.49	69.76	-93.73	667.26	-2,154.60	2,442.12	2,293.15	148.98	16.393		
11,200.00	7,690.00	10,403.37	7,853.77	87.77	72.70	-93.80	660.49	-2,275.72	2,448.62	2,293.95	154.67	15.831		
11,300.00	7,690.00	10,507.15	7,856.71	90.09	75.24	-93.85	655.37	-2,379.33	2,454.48	2,294.76	159.72	15.367		
11,400.00	7,690.00	10,631.88	7,860.29	92.43	78.32	-93.93	649.28	-2,503.86	2,460.40	2,294.78	165.62	14.856		
11,500.00	7,690.00	10,808.52	7,865.59	94.79	82.74	-94.04	645.05	-2,680.37	2,463.74	2,290.20	173.55	14.196		
11,600.00	7,690.00	11,040.27	7,871.86	97.17	88.63	-94.19	648.64	-2,911.97	2,463.50	2,280.10	183.40	13.432		
11,700.00	7,690.00	11,163.85	7,873.90	99.57	91.80	-94.25	655.24	-3,035.37	2,458.94	2,269.65	189.29	12.990		
11,800.00	7,690.00	11,222.57	7,874.50	101.99	93.31	-94.26	657.93	-3,094.01	2,455.23	2,262.32	192.91	12.727		
11,900.00	7,690.00	11,287.41	7,875.24	104.43	94.98	-94.28	659.71	-3,158.83	2,453.26	2,256.54	196.71	12.471		
12,000.00	7,690.00	11,375.15	7,876.21	106.88	97.24	-94.31	661.47	-3,246.54	2,452.10	2,250.75	201.35	12.178		
12,100.00	7,690.00	11,463.37	7,876.84	109.34	99.51	-94.32	662.66	-3,334.76	2,451.54	2,245.52	206.02	11.900		
12,193.62	7,690.00	11,547.00	7,877.67	111.65	101.68	-94.34	664.22	-3,418.36	2,450.66	2,240.23	210.43	11.646		
12,200.00	7,690.00	11,547.00	7,877.67	111.81	101.68	-94.34	664.22	-3,418.36	2,450.67	2,240.16	210.52	11.641		
12,300.00	7,690.00	11,605.04	7,878.43	114.30	103.17	-94.36	664.62	-3,476.39	2,451.24	2,237.23	214.00	11.454		
12,400.00	7,690.00	11,654.87	7,879.01	116.79	104.46	-94.37	663.35	-3,526.21	2,454.42	2,237.32	217.10	11.306		
12,500.00	7,690.00	11,819.76	7,880.72	119.30	108.71	-94.41	660.16	-3,691.05	2,457.23	2,232.37	224.86	10.928		
12,600.00	7,690.00	11,942.25	7,882.01	121.81	111.90	-94.43	660.19	-3,813.53	2,458.01	2,227.11	230.90	10.645		
12,700.00	7,690.00	12,040.44	7,883.12	124.33	114.45	-94.46	660.56	-3,911.72	2,458.48	2,222.48	236.00	10.417		
12,800.00	7,690.00	12,130.20	7,884.07	126.86	116.80	-94.48	660.68	-4,001.47	2,459.18	2,218.40	240.78	10.213		
12,900.00	7,690.00	12,213.02	7,885.07	129.40	118.96	-94.50	660.27	-4,084.28	2,460.52	2,215.24	245.28	10.032		
13,000.00	7,690.00	12,340.09	7,886.02	131.94	122.28	-94.52	660.14	-4,211.35	2,461.38	2,209.83	251.55	9.785		
13,100.00	7,690.00	12,435.59	7,886.89	134.49	124.78	-94.54	660.34	-4,306.85	2,462.00	2,205.42	256.57	9.596		
13,200.00	7,690.00	12,538.63	7,887.91	137.05	127.48	-94.56	660.39	-4,409.87	2,462.79	2,200.88	261.90	9.403		
13,300.00	7,690.00	12,637.92	7,889.01	139.61	130.09	-94.59	660.76	-4,509.16	2,463.26	2,196.17	267.09	9.223		
13,400.00	7,690.00	12,718.81	7,889.92	142.18	132.21	-94.61	660.67	-4,590.05	2,464.22	2,192.68	271.54	9.075		
13,500.00	7,690.00	12,794.05	7,890.67	144.75	134.19	-94.62	659.86	-4,665.27	2,466.13	2,190.38	275.75	8.943		
13,600.00	7,690.00	12,871.78	7,891.50	147.33	136.23	-94.64	658.23	-4,742.98	2,469.05	2,189.00	280.04	8.817		
13,700.00	7,690.00	12,996.35	7,892.78	149.91	139.50	-94.66	656.11	-4,867.53	2,471.51	2,185.21	286.30	8.633		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
13,800.00	7,690.00	13,056.00	7,893.40	152.49	141.07	-94.67	655.08	-4,927.17	2,474.30	2,184.47	289.83	8.537		
13,900.00	7,690.00	13,121.83	7,894.15	155.08	142.79	-94.68	652.95	-4,992.95	2,478.56	2,185.01	293.55	8.443		
14,000.00	7,690.00	13,177.46	7,894.84	157.67	144.24	-94.69	649.91	-5,048.50	2,484.82	2,188.07	296.75	8.373		
14,100.00	7,690.00	13,508.33	7,898.66	160.27	152.94	-94.76	640.23	-5,378.99	2,491.59	2,179.98	311.60	7.996		
14,200.00	7,690.00	13,641.20	7,899.97	162.87	156.47	-94.80	645.64	-5,511.74	2,488.23	2,170.19	318.05	7.824		
14,300.00	7,690.00	13,717.00	7,900.64	165.47	158.48	-94.82	648.29	-5,587.49	2,485.49	2,163.04	322.45	7.708		
14,400.00	7,690.00	13,826.17	7,901.61	168.08	161.39	-94.84	651.66	-5,696.61	2,483.28	2,155.22	328.05	7.570		
14,500.00	7,690.00	14,038.83	7,903.62	170.69	167.06	-94.91	664.79	-5,908.82	2,477.77	2,140.73	337.04	7.352		
14,600.00	7,690.00	14,122.56	7,904.60	173.30	169.29	-94.95	671.93	-5,992.25	2,470.21	2,128.39	341.82	7.227		
14,700.00	7,690.00	14,189.00	7,905.43	175.91	171.06	-94.98	676.01	-6,058.55	2,464.67	2,118.64	346.03	7.123		
14,800.00	7,690.00	14,227.24	7,905.88	178.53	172.08	-94.99	677.61	-6,096.76	2,460.82	2,111.62	349.20	7.047		
14,900.00	7,690.00	14,413.78	7,907.50	181.15	177.06	-95.04	687.11	-6,283.02	2,456.95	2,099.57	357.38	6.875		
15,000.00	7,690.00	14,484.66	7,908.28	183.77	178.95	-95.07	691.87	-6,353.73	2,451.11	2,089.37	361.74	6.776		
15,100.00	7,690.00	14,566.00	7,909.12	186.39	181.12	-95.10	696.41	-6,434.94	2,446.36	2,079.96	366.40	6.677		
15,200.00	7,690.00	14,627.04	7,909.70	189.02	182.75	-95.12	699.09	-6,495.91	2,442.75	2,072.42	370.33	6.596		
15,300.00	7,690.00	14,661.00	7,910.01	191.65	183.66	-95.12	700.25	-6,529.85	2,440.84	2,067.72	373.12	6.542		
15,348.68	7,690.00	14,704.41	7,910.43	192.93	184.82	-95.14	701.10	-6,573.25	2,440.35	2,064.87	375.48	6.499		
15,400.00	7,690.00	14,727.21	7,910.67	194.27	185.42	-95.14	701.16	-6,596.05	2,440.65	2,063.62	377.03	6.473		
15,500.00	7,690.00	14,755.00	7,910.97	196.91	186.16	-95.15	700.88	-6,623.84	2,443.08	2,063.95	379.13	6.444		
15,600.00	7,690.00	14,825.99	7,911.62	199.54	188.04	-95.16	698.66	-6,694.78	2,447.25	2,064.21	383.05	6.389		
15,700.00	7,690.00	14,850.00	7,911.77	202.17	188.68	-95.16	697.46	-6,718.77	2,453.84	2,069.33	384.51	6.382		
15,800.00	7,690.00	14,901.39	7,912.05	204.81	190.02	-95.15	693.60	-6,770.00	2,462.64	2,075.49	387.15	6.361		
15,900.00	7,690.00	14,944.00	7,912.28	207.45	191.13	-95.15	688.79	-6,812.34	2,474.37	2,085.22	389.15	6.358		
16,000.00	7,690.00	15,376.34	7,914.34	210.09	202.46	-95.13	658.61	-7,242.74	2,488.12	2,077.54	410.58	6.060		
16,100.00	7,690.00	15,538.96	7,914.83	212.73	206.81	-95.15	663.09	-7,405.29	2,486.16	2,067.98	418.18	5.945		
16,200.00	7,690.00	15,631.83	7,915.22	215.37	209.30	-95.16	667.26	-7,498.07	2,482.52	2,059.28	423.24	5.866		
16,300.00	7,690.00	15,700.00	7,915.44	218.02	211.12	-95.17	668.72	-7,566.22	2,480.86	2,053.46	427.40	5.804		
16,400.00	7,690.00	15,775.24	7,915.66	220.66	213.13	-95.17	669.47	-7,641.45	2,480.42	2,048.64	431.78	5.745		
16,500.00	7,690.00	15,889.00	7,916.07	223.31	216.18	-95.19	671.68	-7,755.19	2,479.23	2,041.61	437.62	5.665		
16,600.00	7,690.00	15,983.00	7,916.40	225.95	218.69	-95.20	673.53	-7,849.17	2,478.06	2,035.36	442.71	5.598		
16,667.83	7,690.00	16,026.45	7,916.58	227.75	219.85	-95.20	674.05	-7,892.62	2,477.77	2,032.41	445.36	5.564		
16,700.00	7,690.00	16,048.63	7,916.66	228.60	220.45	-95.20	674.18	-7,914.80	2,477.84	2,031.17	446.67	5.547		
16,800.00	7,690.00	16,170.23	7,917.10	231.25	223.70	-95.21	674.73	-8,036.40	2,478.24	2,025.40	452.84	5.473		
16,896.97	7,690.00	16,255.60	7,917.47	233.82	225.98	-95.22	675.63	-8,121.76	2,478.00	2,020.46	457.54	5.416		
16,900.00	7,690.00	16,258.24	7,917.48	233.90	226.05	-95.22	675.65	-8,124.40	2,478.00	2,020.31	457.69	5.414		
17,000.00	7,690.00	16,361.00	7,917.98	236.56	228.80	-95.23	676.82	-8,227.15	2,477.65	2,014.54	463.12	5.350		
17,004.45	7,690.00	16,361.00	7,917.98	236.67	228.80	-95.23	676.82	-8,227.15	2,477.65	2,014.48	463.17	5.349		
17,100.00	7,690.00	16,408.85	7,918.22	239.21	230.08	-95.24	676.91	-8,275.00	2,478.44	2,012.18	466.26	5.316		
17,200.00	7,690.00	16,455.00	7,918.42	241.86	231.31	-95.24	675.72	-8,321.13	2,481.66	2,012.54	469.12	5.290		
17,300.00	7,690.00	16,833.00	7,919.76	244.52	241.44	-95.29	689.84	-8,698.54	2,474.51	1,989.71	484.80	5.104		
17,400.00	7,690.00	16,905.50	7,920.14	247.17	243.38	-95.31	695.26	-8,770.84	2,467.91	1,978.56	489.35	5.043		
17,500.00	7,690.00	16,984.20	7,920.62	249.83	245.50	-95.33	700.16	-8,849.39	2,462.49	1,968.45	494.04	4.984		
17,600.00	7,690.00	17,047.10	7,920.97	252.49	247.19	-95.35	703.59	-8,912.19	2,457.99	1,959.81	498.18	4.934		
17,700.00	7,690.00	17,115.00	7,921.31	255.15	249.01	-95.36	705.47	-8,980.06	2,455.72	1,953.33	502.39	4.888		
17,800.00	7,690.00	17,160.25	7,921.51	257.81	250.22	-95.36	705.92	-9,025.31	2,455.00	1,949.38	505.62	4.855		
17,804.66	7,690.00	17,164.19	7,921.52	257.93	250.33	-95.36	705.95	-9,029.24	2,455.00	1,949.16	505.84	4.853		
17,900.00	7,690.00	17,245.97	7,921.77	260.47	252.52	-95.37	706.35	-9,111.02	2,455.28	1,944.91	510.37	4.811		
18,000.00	7,690.00	17,336.26	7,922.09	263.13	254.94	-95.38	706.35	-9,201.31	2,456.07	1,940.78	515.29	4.766		
18,100.00	7,690.00	17,425.48	7,922.35	265.79	257.32	-95.38	706.09	-9,290.54	2,457.14	1,936.99	520.15	4.724		
18,200.00	7,690.00	17,503.37	7,922.55	268.45	259.41	-95.38	705.24	-9,368.42	2,458.99	1,934.49	524.50	4.688		
18,300.00	7,690.00	17,587.00	7,922.83	271.11	261.64	-95.38	703.70	-9,452.03	2,461.61	1,932.54	529.08	4.653		
18,400.00	7,690.00	17,676.37	7,923.14	273.78	264.03	-95.38	701.56	-9,541.37	2,464.78	1,930.88	533.91	4.617		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
18,500.00	7,690.00	17,766.28	7,923.45	276.44	266.43	-95.38	699.03	-9,631.25	2,468.36	1,929.61	538.75	4.582	
18,602.86	7,690.00	17,874.05	7,923.80	279.18	269.30	-95.38	695.86	-9,738.97	2,472.19	1,927.72	544.47	4.541 SF	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
0.00	0.00	1.00	1.00	0.00	0.00	179.87	-252.07	0.56	252.07				
100.00	100.00	102.59	102.58	0.27	0.28	179.90	-251.71	0.46	251.72	251.17	0.55	459.934	
200.00	200.00	202.89	202.89	0.63	0.64	179.88	-251.04	0.52	251.04	249.78	1.26	198.523	
300.00	300.00	302.76	302.75	0.99	0.99	179.84	-250.26	0.68	250.27	248.29	1.98	126.362	
319.31	319.31	321.96	321.95	1.06	1.06	166.56	-250.13	0.70	250.20	248.08	2.12	118.092 CC, ES	
400.00	399.98	402.33	402.32	1.34	1.35	166.63	-249.66	0.78	251.36	248.66	2.70	93.228	
500.00	499.84	502.02	502.01	1.71	1.71	166.86	-249.17	0.84	255.97	252.55	3.42	74.936	
600.00	599.45	600.90	600.89	2.07	2.06	167.28	-248.84	0.71	264.13	260.00	4.13	63.906	
700.00	698.70	700.49	700.48	2.45	2.41	167.83	-248.63	0.55	275.83	270.98	4.85	56.824	
800.00	797.47	799.28	799.27	2.85	2.77	168.46	-248.35	0.32	290.87	285.30	5.58	52.167	
900.00	895.62	897.48	897.46	3.28	3.11	169.15	-248.07	0.05	309.33	303.03	6.30	49.114	
1,000.00	993.06	994.89	994.88	3.73	3.46	169.87	-247.82	-0.32	331.23	324.21	7.02	47.185	
1,100.00	1,089.64	1,091.85	1,091.84	4.23	3.81	170.58	-247.47	-0.67	356.45	348.70	7.74	46.026	
1,200.00	1,185.27	1,187.11	1,187.10	4.75	4.15	171.24	-247.20	-0.93	385.10	376.63	8.47	45.480	
1,300.00	1,279.82	1,281.62	1,281.60	5.33	4.48	171.85	-247.00	-1.11	417.14	407.95	9.19	45.384	
1,400.00	1,373.17	1,375.15	1,375.14	5.94	4.82	172.42	-246.80	-1.26	452.51	442.59	9.92	45.636	
1,500.00	1,465.21	1,466.67	1,466.65	6.60	5.14	172.95	-246.57	-1.51	491.11	480.48	10.63	46.190	
1,554.30	1,514.61	1,514.80	1,514.78	6.98	5.31	173.21	-246.57	-1.66	513.55	502.53	11.02	46.617	
1,600.00	1,556.00	1,556.86	1,556.84	7.30	5.46	173.48	-246.62	-1.81	532.88	521.53	11.34	46.977	
1,700.00	1,646.56	1,649.80	1,649.78	8.03	5.79	174.01	-246.34	-2.20	574.85	562.79	12.06	47.655	
1,800.00	1,737.13	1,740.56	1,740.54	8.76	6.11	174.47	-245.92	-2.62	616.71	603.93	12.78	48.253	
1,900.00	1,827.70	1,831.02	1,831.00	9.50	6.44	174.87	-245.52	-3.03	658.63	645.12	13.50	48.783	
2,000.00	1,918.27	1,921.51	1,921.49	10.25	6.76	175.21	-245.16	-3.37	700.59	686.36	14.22	49.251	
2,100.00	2,008.83	2,011.94	2,011.91	11.00	7.08	175.52	-244.84	-3.69	742.61	727.66	14.95	49.670	
2,200.00	2,099.40	2,103.22	2,103.20	11.76	7.41	175.79	-244.49	-3.99	784.61	768.93	15.68	50.025	
2,300.00	2,189.97	2,192.48	2,192.45	12.52	7.72	176.02	-244.18	-4.22	826.65	810.25	16.40	50.401	
2,400.00	2,280.53	2,281.50	2,281.48	13.28	8.03	176.22	-244.14	-4.26	868.93	851.82	17.11	50.785	
2,500.00	2,371.10	2,373.09	2,373.07	14.05	8.34	176.39	-244.09	-4.20	911.20	893.37	17.83	51.092	
2,600.00	2,461.67	2,463.72	2,463.69	14.81	8.66	176.55	-244.00	-4.16	953.43	934.87	18.56	51.358	
2,700.00	2,552.24	2,553.83	2,553.81	15.58	8.98	176.70	-243.92	-4.19	995.70	976.40	19.30	51.600	
2,800.00	2,642.80	2,644.46	2,644.44	16.35	9.30	176.84	-243.86	-4.21	1,037.98	1,017.95	20.03	51.815	
2,900.00	2,733.37	2,734.45	2,734.42	17.13	9.61	176.96	-243.83	-4.21	1,080.30	1,059.55	20.76	52.048	
3,000.00	2,823.94	2,825.57	2,825.54	17.90	9.92	177.07	-243.81	-4.16	1,122.63	1,101.14	21.48	52.257	
3,100.00	2,914.51	2,915.53	2,915.50	18.67	10.22	177.17	-243.80	-4.10	1,164.96	1,142.75	22.20	52.466	
3,200.00	3,005.07	3,005.42	3,005.39	19.45	10.53	177.27	-243.82	-4.12	1,207.34	1,184.41	22.93	52.661	
3,300.00	3,095.64	3,095.41	3,095.39	20.22	10.84	177.37	-243.88	-4.19	1,249.77	1,226.12	23.65	52.844	
3,400.00	3,186.21	3,188.33	3,188.31	21.00	11.16	177.46	-243.89	-4.22	1,292.15	1,267.75	24.40	52.960	
3,500.00	3,276.77	3,277.94	3,277.91	21.77	11.47	177.54	-243.83	-4.22	1,334.46	1,309.33	25.13	53.111	
3,600.00	3,367.34	3,368.84	3,368.81	22.55	11.79	177.61	-243.83	-4.20	1,376.81	1,350.95	25.86	53.235	
3,700.00	3,457.91	3,458.11	3,458.08	23.33	12.10	177.68	-243.83	-4.20	1,419.18	1,392.59	26.59	53.376	
3,800.00	3,548.48	3,548.27	3,548.24	24.11	12.40	177.75	-243.91	-4.17	1,461.63	1,434.31	27.31	53.514	
3,900.00	3,639.04	3,639.27	3,639.24	24.88	12.71	177.81	-243.98	-4.13	1,504.06	1,476.02	28.04	53.635	
4,000.00	3,729.61	3,730.84	3,730.82	25.66	13.02	177.87	-244.01	-4.12	1,546.46	1,517.68	28.78	53.729	
4,100.00	3,820.18	3,821.70	3,821.67	26.44	13.34	177.93	-243.97	-4.14	1,588.80	1,559.28	29.53	53.810	
4,200.00	3,910.74	3,910.85	3,910.83	27.22	13.65	177.98	-243.97	-4.17	1,631.18	1,600.92	30.26	53.911	
4,300.00	4,001.31	4,000.95	4,000.92	28.00	13.97	178.03	-244.05	-4.21	1,673.64	1,642.65	30.99	54.005	
4,400.00	4,091.88	4,092.76	4,092.74	28.78	14.29	178.09	-244.07	-4.29	1,716.06	1,684.32	31.74	54.069	
4,500.00	4,182.45	4,183.65	4,183.62	29.56	14.61	178.13	-244.05	-4.33	1,758.43	1,725.94	32.48	54.132	
4,600.00	4,273.01	4,274.21	4,274.19	30.34	14.93	178.18	-244.05	-4.37	1,800.81	1,767.58	33.23	54.195	
4,700.00	4,363.58	4,365.24	4,365.21	31.12	15.25	178.22	-244.01	-4.39	1,843.16	1,809.18	33.98	54.249	
4,800.00	4,454.15	4,454.58	4,454.55	31.90	15.56	178.26	-243.99	-4.42	1,885.53	1,850.82	34.71	54.320	
4,900.00	4,544.72	4,544.09	4,544.06	32.68	15.87	178.30	-244.07	-4.43	1,927.99	1,892.55	35.44	54.399	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,000.00	4,635.28	4,636.25	4,636.22	33.46	16.19	178.34	-244.10	-4.39	1,970.40	1,934.21	36.19	54.451		
5,100.00	4,725.85	4,726.64	4,726.61	34.24	16.49	178.37	-244.14	-4.31	2,012.80	1,975.88	36.92	54.516		
5,200.00	4,816.42	4,819.66	4,819.63	35.02	16.82	178.40	-244.09	-4.29	2,055.13	2,017.45	37.68	54.542		
5,300.00	4,906.98	4,909.35	4,909.33	35.81	17.13	178.43	-244.02	-4.24	2,097.43	2,059.02	38.42	54.596		
5,400.00	4,997.55	4,999.84	4,999.81	36.59	17.45	178.47	-243.97	-4.26	2,139.78	2,100.62	39.16	54.640		
5,500.00	5,088.12	5,096.74	5,096.72	37.37	17.79	178.50	-243.73	-4.26	2,181.95	2,141.99	39.95	54.612		
5,600.00	5,178.69	5,180.00	5,179.97	38.15	18.09	178.53	-243.52	-4.42	2,224.14	2,183.49	40.65	54.716		
5,700.00	5,269.25	5,268.66	5,268.63	38.93	18.40	178.56	-243.47	-4.65	2,266.53	2,225.15	41.38	54.774		
5,800.00	5,359.82	5,613.63	5,612.68	39.71	19.60	178.40	-227.74	8.91	2,304.53	2,260.81	43.72	52.709		
5,900.00	5,450.39	5,769.58	5,767.04	40.50	20.16	178.16	-211.12	23.53	2,335.31	2,290.49	44.82	52.101		
6,000.00	5,540.95	5,861.24	5,857.50	41.28	20.49	178.00	-200.43	33.79	2,364.89	2,319.30	45.59	51.872		
6,100.00	5,631.52	5,935.00	5,930.27	42.06	20.75	177.82	-193.14	43.32	2,395.68	2,349.42	46.27	51.779		
6,200.00	5,722.09	6,005.77	6,000.10	42.84	21.01	177.65	-186.94	53.03	2,427.38	2,380.46	46.92	51.729		
6,300.00	5,812.66	6,224.07	6,214.65	43.62	21.82	177.09	-162.74	84.97	2,457.09	2,408.72	48.36	50.804		
6,400.00	5,903.22	6,407.96	6,393.62	44.41	22.52	176.54	-135.90	117.56	2,483.03	2,433.44	49.59	50.071		
6,500.00	5,993.79	6,672.55	6,645.97	45.19	23.61	175.51	-84.73	178.12	2,502.56	2,451.44	51.12	48.956		
6,600.00	6,084.36	6,810.88	6,775.79	45.97	24.23	174.91	-53.54	214.30	2,518.94	2,466.79	52.15	48.304		
6,700.00	6,174.93	7,199.85	7,129.98	46.75	26.17	172.94	54.24	332.15	2,530.26	2,476.29	53.98	46.878		
6,800.00	6,265.49	7,255.00	7,178.52	47.54	26.48	172.61	72.06	351.35	2,535.63	2,480.78	54.85	46.230		
6,900.00	6,356.06	7,350.00	7,264.95	48.32	26.99	172.27	103.21	374.82	2,542.39	2,486.61	55.78	45.577		
7,000.00	6,446.63	7,538.00	7,438.62	49.10	27.85	172.48	173.75	383.40	2,546.45	2,489.76	56.68	44.923		
7,100.00	6,537.19	7,581.24	7,478.19	49.88	28.01	172.67	190.51	378.82	2,550.92	2,493.50	57.41	44.431		
7,200.00	6,627.76	7,633.00	7,525.06	50.67	28.20	173.02	209.40	367.75	2,557.90	2,499.79	58.11	44.020		
7,300.00	6,718.33	7,633.00	7,525.06	51.45	28.20	173.02	209.40	367.75	2,567.48	2,508.74	58.74	43.710		
7,400.00	6,808.90	7,686.49	7,572.28	52.23	28.34	173.52	227.20	350.14	2,579.32	2,519.98	59.34	43.465		
7,500.00	6,899.46	7,727.00	7,606.82	53.01	28.45	173.97	239.33	332.80	2,594.24	2,534.34	59.90	43.309		
7,600.00	6,990.03	7,786.74	7,655.49	53.80	28.57	174.74	256.35	302.67	2,611.42	2,550.97	60.46	43.196		
7,700.00	7,080.60	7,856.66	7,708.76	54.58	28.69	175.74	276.22	262.03	2,629.92	2,568.89	61.03	43.095		
7,743.09	7,119.63	7,879.41	7,725.02	54.92	28.72	176.09	282.54	247.43	2,638.51	2,577.25	61.26	43.073		
7,750.00	7,125.88	7,882.91	7,727.47	54.97	28.72	177.75	283.50	245.12	2,639.92	2,578.63	61.29	43.070		
7,800.00	7,171.32	7,916.00	7,749.93	55.35	28.77	-169.89	292.48	222.55	2,650.12	2,588.55	61.57	43.041		
7,850.00	7,216.74	7,916.00	7,749.93	55.71	28.77	-158.08	292.48	222.55	2,660.24	2,598.49	61.75	43.082		
7,900.00	7,261.79	7,946.42	7,769.33	56.05	28.80	-146.72	300.41	200.51	2,670.10	2,608.07	62.03	43.044		
7,950.00	7,306.14	7,964.60	7,780.28	56.37	28.81	-136.88	304.93	186.72	2,679.78	2,617.53	62.25	43.046		
8,000.00	7,349.44	7,982.92	7,790.80	56.66	28.83	-128.53	309.32	172.38	2,689.10	2,626.64	62.46	43.051		
8,050.00	7,391.36	8,010.00	7,805.39	56.92	28.85	-121.49	315.47	150.41	2,698.02	2,635.31	62.70	43.029		
8,100.00	7,431.59	8,010.00	7,805.39	57.16	28.85	-115.93	315.47	150.41	2,706.37	2,643.56	62.81	43.089		
8,150.00	7,469.82	8,010.00	7,805.39	57.37	28.85	-111.31	315.47	150.41	2,714.43	2,651.52	62.91	43.149		
8,200.00	7,505.76	8,050.27	7,824.85	57.55	28.86	-107.22	323.71	116.15	2,721.25	2,657.99	63.26	43.018		
8,250.00	7,539.14	8,066.37	7,831.85	57.71	28.87	-103.99	326.67	101.96	2,727.68	2,664.22	63.46	42.982		
8,300.00	7,569.69	8,105.00	7,846.75	57.84	28.90	-101.22	332.94	66.88	2,733.61	2,669.80	63.81	42.839		
8,350.00	7,597.20	8,105.00	7,846.75	57.96	28.90	-99.14	332.94	66.88	2,738.20	2,674.26	63.94	42.826		
8,400.00	7,621.44	8,105.00	7,846.75	58.04	28.90	-97.44	332.94	66.88	2,742.21	2,678.13	64.09	42.790		
8,450.00	7,642.24	8,149.22	7,861.00	58.11	29.04	-96.02	339.10	25.49	2,744.98	2,680.35	64.63	42.475		
8,500.00	7,659.43	8,176.56	7,868.54	58.16	29.22	-95.00	342.56	-0.56	2,746.71	2,681.67	65.04	42.230		
8,550.00	7,672.90	8,200.00	7,874.22	58.19	29.39	-94.32	345.32	-23.13	2,747.31	2,681.84	65.47	41.961		
8,600.00	7,682.52	8,236.21	7,881.61	58.20	29.72	-93.97	349.24	-58.36	2,746.70	2,680.60	66.10	41.552		
8,650.00	7,688.23	8,267.88	7,886.74	58.19	30.01	-93.93	352.37	-89.45	2,744.88	2,678.16	66.73	41.137		
8,697.19	7,690.00	8,294.00	7,890.02	58.18	30.26	-94.17	354.74	-115.26	2,742.06	2,674.76	67.31	40.739		
8,700.00	7,690.00	8,294.00	7,890.02	58.17	30.26	-94.17	354.74	-115.26	2,741.87	2,674.54	67.33	40.724		
8,800.00	7,690.00	8,365.75	7,895.06	58.15	31.03	-94.29	360.32	-186.59	2,735.41	2,666.48	68.92	39.687		
8,900.00	7,690.00	8,416.45	7,895.68	58.17	31.62	-94.30	363.36	-237.19	2,730.37	2,659.95	70.42	38.772		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
9,000.00	7,690.00	8,483.00	7,896.11	58.24	32.43	-94.31	365.48	-303.71	2,727.64	2,655.36	72.28	37.737		
9,100.00	7,690.00	8,516.89	7,896.40	58.37	32.90	-94.32	365.95	-337.60	2,726.39	2,652.57	73.82	36.931		
9,152.14	7,690.00	8,558.35	7,896.92	58.46	33.46	-94.33	366.38	-379.04	2,726.29	2,651.23	75.06	36.321		
9,200.00	7,690.00	8,578.00	7,897.23	58.56	33.73	-94.34	366.53	-398.69	2,726.46	2,650.57	75.89	35.928		
9,300.00	7,690.00	8,637.07	7,898.23	58.83	34.61	-94.36	366.25	-457.75	2,727.99	2,649.91	78.08	34.938		
9,400.00	7,690.00	8,692.84	7,899.16	59.19	35.47	-94.37	364.77	-513.50	2,731.44	2,651.13	80.31	34.013		
9,500.00	7,690.00	8,770.93	7,900.38	59.66	36.73	-94.39	361.86	-591.52	2,736.01	2,652.92	83.10	32.926		
9,600.00	7,690.00	8,872.67	7,901.87	60.26	38.48	-94.42	357.75	-693.16	2,740.91	2,654.33	86.58	31.658		
9,700.00	7,690.00	8,964.82	7,903.21	61.01	40.16	-94.44	353.92	-785.23	2,745.92	2,655.90	90.02	30.504		
9,800.00	7,690.00	9,049.00	7,904.55	61.93	41.75	-94.46	350.10	-869.31	2,751.32	2,657.92	93.40	29.458		
9,900.00	7,690.00	9,144.00	7,906.26	63.01	43.62	-94.49	345.44	-964.18	2,757.11	2,659.93	97.19	28.370		
10,000.00	7,690.00	9,352.36	7,908.07	64.27	47.95	-94.51	337.74	-1,172.37	2,762.23	2,657.93	104.30	26.484		
10,100.00	7,690.00	9,466.77	7,909.98	65.70	50.45	-94.54	336.83	-1,286.76	2,763.89	2,654.89	109.00	25.357		
10,200.00	7,690.00	9,604.81	7,912.49	67.27	53.54	-94.59	336.70	-1,424.77	2,764.97	2,650.44	114.52	24.143		
10,300.00	7,690.00	9,666.76	7,913.47	68.97	54.96	-94.61	336.90	-1,486.72	2,765.61	2,647.77	117.84	23.468		
10,400.00	7,690.00	9,710.00	7,914.23	70.79	55.95	-94.63	336.36	-1,529.94	2,767.94	2,647.35	120.59	22.953		
10,500.00	7,690.00	9,749.67	7,914.96	72.70	56.86	-94.64	335.04	-1,569.59	2,772.39	2,649.18	123.21	22.501		
10,600.00	7,690.00	9,805.00	7,916.00	74.69	58.13	-94.66	331.26	-1,624.77	2,779.55	2,653.23	126.33	22.003		
10,700.00	7,690.00	10,275.00	7,924.60	76.74	69.41	-94.83	333.65	-2,093.99	2,779.05	2,636.12	142.93	19.443		
10,800.00	7,690.00	10,353.85	7,926.06	78.86	71.36	-94.87	339.07	-2,172.64	2,773.17	2,626.07	147.10	18.852		
10,900.00	7,690.00	10,621.04	7,926.25	81.03	78.04	-94.92	366.24	-2,438.31	2,761.90	2,604.82	157.08	17.583		
11,000.00	7,690.00	10,652.00	7,926.69	83.24	78.82	-94.93	369.80	-2,469.06	2,751.69	2,591.77	159.92	17.207		
11,100.00	7,690.00	10,894.81	7,928.77	85.49	84.97	-95.02	397.32	-2,710.22	2,742.54	2,573.45	169.10	16.219		
11,200.00	7,690.00	10,935.00	7,929.41	87.77	86.00	-95.05	403.33	-2,749.95	2,729.17	2,556.84	172.33	15.836		
11,300.00	7,690.00	11,031.00	7,931.26	90.09	88.45	-95.11	415.53	-2,845.15	2,717.42	2,540.21	177.21	15.334		
11,400.00	7,690.00	11,031.00	7,931.26	92.43	88.45	-95.11	415.53	-2,845.15	2,707.52	2,528.35	179.17	15.112		
11,500.00	7,690.00	11,067.63	7,932.03	94.79	89.39	-95.13	418.66	-2,881.64	2,700.37	2,518.21	182.16	14.824		
11,600.00	7,690.00	11,125.00	7,933.18	97.17	90.86	-95.16	420.85	-2,938.94	2,696.61	2,510.83	185.78	14.515		
11,700.00	7,690.00	11,125.00	7,933.18	99.57	90.86	-95.16	420.85	-2,938.94	2,694.30	2,506.93	187.37	14.380		
11,712.38	7,690.00	11,125.00	7,933.18	99.87	90.86	-95.16	420.85	-2,938.94	2,694.27	2,506.72	187.55	14.366		
11,800.00	7,690.00	11,125.00	7,933.18	101.99	90.86	-95.16	420.85	-2,938.94	2,695.69	2,506.95	188.74	14.282		
11,900.00	7,690.00	11,186.75	7,934.39	104.43	92.43	-95.18	419.98	-3,000.67	2,698.65	2,506.32	192.32	14.032		
12,000.00	7,690.00	11,219.00	7,935.02	106.88	93.25	-95.19	418.38	-3,032.87	2,704.55	2,509.85	194.70	13.891		
12,100.00	7,690.00	11,262.88	7,935.96	109.34	94.35	-95.20	415.20	-3,076.62	2,712.73	2,515.27	197.46	13.738		
12,200.00	7,690.00	11,313.00	7,937.17	111.81	95.61	-95.22	410.44	-3,126.50	2,723.00	2,522.59	200.41	13.587		
12,300.00	7,690.00	11,454.81	7,940.52	114.30	99.18	-95.26	397.52	-3,267.68	2,732.95	2,525.73	207.22	13.188		
12,400.00	7,690.00	11,555.89	7,943.04	116.79	101.74	-95.30	388.74	-3,368.34	2,742.58	2,530.24	212.34	12.916		
12,500.00	7,690.00	11,674.32	7,945.87	119.30	104.75	-95.34	379.12	-3,486.35	2,751.63	2,533.43	218.20	12.611		
12,600.00	7,690.00	11,854.08	7,950.35	121.81	109.35	-95.40	367.97	-3,665.69	2,758.68	2,532.11	226.57	12.176		
12,700.00	7,690.00	11,988.09	7,953.53	124.33	112.82	-95.46	362.69	-3,799.56	2,763.47	2,530.41	233.06	11.857		
12,800.00	7,690.00	12,137.83	7,956.60	126.86	116.71	-95.51	358.64	-3,949.21	2,767.08	2,526.94	240.14	11.523		
12,900.00	7,690.00	12,273.79	7,958.72	129.40	120.25	-95.55	357.39	-4,085.14	2,768.76	2,522.10	246.66	11.225		
13,000.00	7,690.00	12,396.98	7,959.95	131.94	123.48	-95.57	357.21	-4,208.33	2,769.74	2,517.03	252.71	10.960		
13,100.00	7,690.00	12,501.37	7,961.18	134.49	126.22	-95.60	357.51	-4,312.70	2,770.31	2,512.26	258.06	10.735		
13,200.00	7,690.00	12,604.31	7,962.00	137.05	128.92	-95.61	357.88	-4,415.64	2,770.79	2,507.42	263.36	10.521		
13,300.00	7,690.00	12,685.80	7,962.87	139.61	131.06	-95.63	358.09	-4,497.13	2,771.41	2,503.53	267.88	10.346		
13,400.00	7,690.00	12,780.05	7,965.07	142.18	133.54	-95.67	357.66	-4,591.35	2,772.84	2,499.97	272.87	10.162		
13,500.00	7,690.00	12,895.36	7,967.72	144.75	136.57	-95.73	357.69	-4,706.63	2,773.78	2,495.13	278.65	9.954		
13,600.00	7,690.00	12,967.34	7,969.38	147.33	138.47	-95.76	357.64	-4,778.59	2,774.88	2,492.07	282.81	9.812		
13,700.00	7,690.00	13,030.48	7,970.85	149.91	140.13	-95.79	356.73	-4,841.71	2,777.31	2,490.71	286.60	9.691		
13,800.00	7,690.00	13,106.00	7,972.44	152.49	142.12	-95.81	354.58	-4,917.18	2,781.03	2,490.19	290.84	9.562		
13,900.00	7,690.00	13,413.84	7,977.51	155.08	150.25	-95.92	358.74	-5,224.86	2,779.26	2,475.57	303.69	9.151		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
14,000.00	7,690.00	13,484.00	7,978.27	157.67	152.12	-95.94	361.65	-5,294.96	2,776.08	2,468.15	307.93	9.015		
14,100.00	7,690.00	13,578.00	7,979.23	160.27	154.61	-95.97	364.70	-5,388.90	2,773.72	2,460.75	312.97	8.862		
14,200.00	7,690.00	13,626.79	7,979.68	162.87	155.91	-95.98	365.63	-5,437.68	2,772.54	2,456.13	316.41	8.763		
14,224.00	7,690.00	13,640.42	7,979.81	163.49	156.27	-95.98	365.77	-5,451.31	2,772.49	2,455.20	317.29	8.738		
14,300.00	7,690.00	13,701.40	7,980.41	165.47	157.88	-95.99	365.95	-5,512.29	2,772.87	2,452.15	320.72	8.646		
14,400.00	7,690.00	13,905.59	7,983.14	168.08	163.31	-96.06	371.65	-5,716.35	2,770.43	2,440.77	329.66	8.404		
14,500.00	7,690.00	13,956.00	7,983.66	170.69	164.65	-96.07	373.37	-5,766.72	2,767.99	2,434.78	333.21	8.307		
14,596.89	7,690.00	14,013.17	7,983.98	173.22	166.17	-96.08	374.36	-5,823.88	2,767.18	2,430.31	336.87	8.214		
14,600.00	7,690.00	14,014.81	7,983.98	173.30	166.21	-96.08	374.38	-5,825.53	2,767.18	2,430.20	336.98	8.212		
14,700.00	7,690.00	14,050.00	7,984.01	175.91	167.15	-96.08	374.43	-5,860.71	2,768.19	2,428.44	339.76	8.148		
14,800.00	7,690.00	14,104.98	7,984.15	178.53	168.60	-96.08	373.42	-5,915.68	2,771.07	2,427.88	343.19	8.075		
14,900.00	7,690.00	14,144.00	7,984.49	181.15	169.63	-96.08	371.78	-5,954.67	2,776.15	2,430.32	345.82	8.028		
15,000.00	7,690.00	14,214.33	7,985.29	183.77	171.48	-96.09	367.69	-6,024.88	2,782.82	2,433.07	349.75	7.957		
15,100.00	7,690.00	14,307.32	7,986.33	186.39	173.92	-96.09	361.42	-6,117.65	2,790.38	2,435.70	354.68	7.867		
15,200.00	7,690.00	14,470.71	7,988.23	189.02	178.23	-96.11	352.53	-6,280.78	2,796.61	2,433.86	362.75	7.709		
15,300.00	7,690.00	15,087.00	7,995.46	191.65	194.62	-96.30	377.86	-6,894.94	2,797.29	2,412.97	384.32	7.279		
15,400.00	7,690.00	15,157.75	7,996.21	194.27	196.50	-96.34	387.21	-6,965.07	2,784.91	2,395.93	388.97	7.160		
15,500.00	7,690.00	15,210.76	7,996.85	196.91	197.92	-96.37	393.88	-7,017.65	2,773.42	2,380.22	393.20	7.054		
15,600.00	7,690.00	15,276.00	7,997.39	199.54	199.66	-96.39	400.18	-7,082.58	2,764.28	2,366.64	397.63	6.952		
15,700.00	7,690.00	15,297.98	7,997.53	202.17	200.25	-96.40	401.85	-7,104.50	2,756.67	2,355.84	400.83	6.877		
15,800.00	7,690.00	15,371.00	7,998.13	204.81	202.20	-96.42	406.48	-7,177.36	2,751.08	2,345.75	405.33	6.787		
15,900.00	7,690.00	15,412.10	7,998.53	207.45	203.30	-96.43	408.45	-7,218.41	2,746.87	2,338.11	408.77	6.720		
16,000.00	7,690.00	15,471.24	7,999.12	210.09	204.88	-96.45	410.47	-7,277.52	2,744.32	2,331.66	412.67	6.650		
16,100.00	7,690.00	15,559.00	7,999.96	212.73	207.23	-96.47	412.80	-7,365.24	2,742.56	2,325.04	417.52	6.569		
16,200.00	7,690.00	15,629.95	8,000.55	215.37	209.13	-96.48	414.14	-7,436.18	2,741.58	2,319.82	421.76	6.500		
16,232.50	7,690.00	15,653.00	8,000.71	216.23	209.74	-96.49	414.36	-7,459.23	2,741.53	2,318.41	423.12	6.479		
16,300.00	7,690.00	15,707.40	8,001.14	218.02	211.20	-96.50	414.66	-7,513.62	2,741.72	2,315.53	426.19	6.433		
16,400.00	7,690.00	15,829.46	8,002.27	220.66	214.46	-96.52	415.72	-7,635.67	2,741.69	2,309.37	432.32	6.342		
16,471.55	7,690.00	15,892.08	8,002.74	222.55	216.13	-96.53	416.65	-7,698.28	2,741.28	2,305.51	435.77	6.291		
16,500.00	7,690.00	15,908.12	8,002.84	223.31	216.56	-96.53	416.74	-7,714.32	2,741.35	2,304.54	436.81	6.276		
16,600.00	7,690.00	15,936.00	8,002.99	225.95	217.31	-96.53	416.73	-7,742.20	2,742.86	2,303.67	439.18	6.245		
16,700.00	7,690.00	15,995.76	8,003.28	228.60	218.89	-96.54	415.48	-7,801.94	2,746.12	2,303.40	442.72	6.203		
16,800.00	7,690.00	16,030.00	8,003.45	231.25	219.80	-96.54	413.86	-7,836.14	2,751.77	2,306.83	444.94	6.185		
16,900.00	7,690.00	16,066.43	8,003.64	233.90	220.76	-96.53	411.29	-7,872.48	2,759.75	2,312.72	447.03	6.173		
17,000.00	7,690.00	16,125.00	8,003.99	236.56	222.30	-96.52	405.02	-7,930.71	2,770.58	2,320.47	450.11	6.155		
17,100.00	7,690.00	16,147.21	8,004.13	239.21	222.87	-96.52	402.17	-7,952.73	2,782.99	2,331.98	451.01	6.171		
17,200.00	7,690.00	16,597.00	8,006.47	241.86	234.78	-96.50	377.82	-8,401.38	2,785.67	2,312.31	473.36	5.885		
17,300.00	7,690.00	16,658.59	8,006.75	244.52	236.42	-96.51	378.11	-8,462.97	2,786.49	2,309.36	477.13	5.840		
17,400.00	7,690.00	16,691.00	8,006.85	247.17	237.29	-96.51	377.28	-8,495.36	2,789.95	2,310.42	479.52	5.818		
17,500.00	7,690.00	16,763.87	8,007.44	249.83	239.22	-96.51	374.21	-8,568.17	2,795.02	2,311.45	483.58	5.780		
17,600.00	7,690.00	17,279.85	8,011.46	252.49	253.04	-96.63	391.56	-9,083.10	2,789.37	2,286.31	503.06	5.545		
17,700.00	7,690.00	17,352.00	8,011.72	255.15	254.97	-96.65	398.50	-9,154.92	2,780.62	2,272.88	507.74	5.476		
17,800.00	7,690.00	17,413.54	8,011.96	257.81	256.62	-96.66	403.69	-9,216.24	2,773.06	2,260.95	512.11	5.415		
17,900.00	7,690.00	17,469.85	8,012.20	260.47	258.14	-96.68	407.60	-9,272.41	2,766.99	2,250.74	516.25	5.360		
18,000.00	7,690.00	17,540.00	8,012.45	263.13	260.02	-96.69	411.08	-9,342.47	2,762.68	2,241.99	520.69	5.306		
18,100.00	7,690.00	17,574.10	8,012.56	265.79	260.94	-96.69	412.18	-9,376.55	2,759.89	2,236.01	523.88	5.268		
18,200.00	7,690.00	17,634.00	8,012.75	268.45	262.54	-96.70	413.10	-9,436.44	2,759.01	2,231.25	527.76	5.228		
18,209.64	7,690.00	17,634.00	8,012.75	268.71	262.54	-96.70	413.10	-9,436.44	2,758.99	2,231.08	527.91	5.226		
18,300.00	7,690.00	17,672.43	8,012.87	271.11	263.57	-96.70	412.98	-9,474.87	2,759.90	2,229.25	530.66	5.201		
18,400.00	7,690.00	17,729.00	8,013.05	273.78	265.08	-96.70	411.70	-9,531.43	2,762.78	2,228.66	534.12	5.173		
18,500.00	7,690.00	17,761.16	8,013.16	276.44	265.94	-96.70	410.32	-9,563.56	2,767.57	2,231.30	536.27	5.161		
18,602.86	7,690.00	17,823.00	8,013.40	279.18	267.58	-96.69	406.12	-9,625.25	2,774.96	2,235.29	539.67	5.142 SF		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
0.00	0.00	2.00	2.00	0.00	0.00	179.83	-284.13	0.84	284.13					
100.00	100.00	102.68	102.68	0.27	0.28	179.84	-284.09	0.77	284.09	283.54	0.54	521.834		
200.00	200.00	202.53	202.53	0.63	0.63	179.89	-283.70	0.57	283.70	282.45	1.26	225.801		
225.50	225.50	227.50	227.50	0.72	0.72	179.90	-283.68	0.51	283.68	282.24	1.44	197.556 CC		
300.00	300.00	301.47	301.47	0.99	0.98	179.93	-283.78	0.33	283.78	281.82	1.96	144.491 ES		
400.00	399.98	401.21	401.20	1.34	1.33	166.79	-284.01	0.02	285.71	283.04	2.68	106.748		
500.00	499.84	500.78	500.78	1.71	1.69	167.07	-284.33	-0.37	291.13	287.73	3.39	85.768		
600.00	599.45	600.23	600.23	2.07	2.04	167.49	-284.71	-0.79	300.02	295.91	4.11	72.930		
700.00	698.70	699.55	699.54	2.45	2.39	167.97	-285.10	-1.07	312.32	307.49	4.83	64.602		
800.00	797.47	797.99	797.99	2.85	2.74	168.53	-285.50	-1.40	328.06	322.50	5.56	59.050		
900.00	895.62	896.38	896.37	3.28	3.09	169.11	-285.90	-1.55	347.19	340.92	6.28	55.323		
1,000.00	993.06	994.17	994.16	3.73	3.43	169.67	-286.18	-1.46	369.60	362.61	6.99	52.861		
1,100.00	1,089.64	1,090.67	1,090.66	4.23	3.77	170.22	-286.44	-1.23	395.35	387.65	7.71	51.307		
1,200.00	1,185.27	1,186.45	1,186.44	4.75	4.10	170.77	-286.66	-1.13	424.44	416.02	8.42	50.391		
1,300.00	1,279.82	1,281.30	1,281.28	5.33	4.43	171.29	-286.83	-0.86	456.78	447.65	9.14	49.984		
1,400.00	1,373.17	1,375.03	1,375.01	5.94	4.75	171.77	-286.94	-0.52	492.35	482.50	9.85	49.978		
1,500.00	1,465.21	1,467.20	1,467.19	6.60	5.07	172.23	-286.96	-0.21	531.09	520.53	10.56	50.282		
1,554.30	1,514.61	1,516.29	1,516.28	6.98	5.24	172.45	-287.00	0.00	553.50	542.55	10.95	50.551		
1,600.00	1,556.00	1,557.03	1,557.02	7.30	5.38	172.68	-287.07	0.18	572.78	561.51	11.27	50.823		
1,700.00	1,646.56	1,647.35	1,647.34	8.03	5.70	173.15	-287.36	0.50	615.17	603.20	11.98	51.371		
1,800.00	1,737.13	1,740.67	1,740.66	8.76	6.03	173.56	-287.34	0.95	657.25	644.55	12.70	51.761		
1,900.00	1,827.70	1,831.03	1,831.02	9.50	6.34	173.90	-287.22	1.44	699.27	685.86	13.41	52.155		
2,000.00	1,918.27	1,922.58	1,922.56	10.25	6.65	174.22	-287.07	1.92	741.26	727.13	14.13	52.470		
2,100.00	2,008.83	2,014.44	2,014.42	11.00	6.97	174.50	-286.75	2.34	783.12	768.27	14.85	52.732		
2,200.00	2,099.40	2,104.69	2,104.67	11.76	7.28	174.76	-286.42	2.71	824.98	809.41	15.57	52.991		
2,300.00	2,189.97	2,195.07	2,195.05	12.52	7.60	174.99	-286.12	3.06	866.89	850.60	16.29	53.218		
2,400.00	2,280.53	2,283.70	2,283.68	13.28	7.91	175.21	-285.96	3.27	908.96	891.96	17.00	53.459		
2,500.00	2,371.10	2,373.55	2,373.53	14.05	8.22	175.41	-285.90	3.37	951.17	933.44	17.73	53.658		
2,600.00	2,461.67	2,463.65	2,463.62	14.81	8.54	175.60	-285.89	3.43	993.44	974.98	18.45	53.832		
2,700.00	2,552.24	2,553.68	2,553.66	15.58	8.86	175.78	-285.94	3.48	1,035.78	1,016.59	19.18	53.992		
2,800.00	2,642.80	2,645.01	2,644.99	16.35	9.18	175.94	-285.95	3.54	1,078.09	1,058.17	19.92	54.115		
2,900.00	2,733.37	2,734.99	2,734.97	17.13	9.49	176.10	-285.96	3.50	1,120.42	1,099.77	20.65	54.261		
3,000.00	2,823.94	2,825.59	2,825.57	17.90	9.81	176.24	-285.99	3.47	1,162.77	1,141.39	21.38	54.385		
3,100.00	2,914.51	2,917.22	2,917.20	18.67	10.13	176.37	-285.98	3.50	1,205.08	1,182.96	22.12	54.473		
3,200.00	3,005.07	3,007.10	3,007.08	19.45	10.45	176.49	-285.96	3.52	1,247.39	1,224.53	22.85	54.581		
3,300.00	3,095.64	3,099.19	3,099.16	20.22	10.77	176.61	-285.90	3.54	1,289.67	1,266.07	23.60	54.649		
3,400.00	3,186.21	3,189.31	3,189.29	21.00	11.08	176.72	-285.82	3.58	1,331.91	1,307.58	24.33	54.741		
3,500.00	3,276.77	3,279.59	3,279.56	21.77	11.40	176.82	-285.76	3.60	1,374.20	1,349.13	25.06	54.829		
3,600.00	3,367.34	3,369.22	3,369.20	22.55	11.70	176.91	-285.72	3.54	1,416.52	1,390.73	25.79	54.929		
3,700.00	3,457.91	3,459.09	3,459.07	23.33	12.01	177.00	-285.75	3.51	1,458.90	1,432.38	26.52	55.015		
3,800.00	3,548.48	3,549.78	3,549.76	24.11	12.33	177.09	-285.80	3.50	1,501.30	1,474.05	27.26	55.083		
3,900.00	3,639.04	3,640.45	3,640.43	24.88	12.64	177.17	-285.83	3.45	1,543.70	1,515.70	27.99	55.149		
4,000.00	3,729.61	3,731.80	3,731.78	25.66	12.96	177.25	-285.85	3.41	1,586.07	1,557.34	28.73	55.203		
4,100.00	3,820.18	3,822.10	3,822.07	26.44	13.27	177.32	-285.83	3.40	1,628.42	1,598.95	29.47	55.262		
4,200.00	3,910.74	3,912.09	3,912.07	27.22	13.59	177.39	-285.86	3.42	1,670.80	1,640.60	30.20	55.318		
4,300.00	4,001.31	4,003.61	4,003.59	28.00	13.91	177.45	-285.89	3.43	1,713.19	1,682.24	30.95	55.352		
4,400.00	4,091.88	4,094.96	4,094.94	28.78	14.23	177.51	-285.84	3.44	1,755.51	1,723.81	31.69	55.388		
4,500.00	4,182.45	4,184.97	4,184.95	29.56	14.54	177.57	-285.79	3.44	1,797.83	1,765.40	32.43	55.438		
4,600.00	4,273.01	4,273.86	4,273.84	30.34	14.85	177.63	-285.81	3.48	1,840.20	1,807.04	33.16	55.495		
4,700.00	4,363.58	4,362.46	4,362.43	31.12	15.16	177.68	-285.92	3.48	1,882.69	1,848.80	33.89	55.555		
4,800.00	4,454.15	4,453.51	4,453.49	31.90	15.48	177.73	-286.08	3.48	1,925.21	1,890.58	34.64	55.585		
4,900.00	4,544.72	4,546.37	4,546.35	32.68	15.81	177.78	-286.15	3.50	1,967.64	1,932.25	35.40	55.590		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,000.00	4,635.28	4,636.79	4,636.77	33.46	16.13	177.82	-286.16	3.51	2,010.02	1,973.88	36.14	55.619		
5,100.00	4,725.85	4,726.05	4,726.03	34.24	16.45	177.87	-286.23	3.52	2,052.46	2,015.58	36.88	55.660		
5,200.00	4,816.42	4,817.76	4,817.73	35.02	16.77	177.91	-286.28	3.54	2,094.89	2,057.26	37.63	55.673		
5,300.00	4,906.98	4,908.68	4,908.66	35.81	17.09	177.95	-286.30	3.54	2,137.28	2,098.90	38.38	55.692		
5,400.00	4,997.55	4,997.25	4,997.23	36.59	17.40	177.99	-286.35	3.51	2,179.71	2,140.61	39.11	55.738		
5,500.00	5,088.12	5,089.70	5,089.68	37.37	17.72	178.03	-286.40	3.41	2,222.15	2,182.29	39.86	55.749		
5,600.00	5,178.69	5,183.31	5,183.28	38.15	18.04	178.09	-286.18	2.59	2,264.48	2,223.86	40.62	55.748		
5,700.00	5,269.25	5,271.44	5,271.41	38.93	18.35	178.14	-286.01	2.02	2,306.80	2,265.46	41.34	55.794		
5,800.00	5,359.82	5,363.13	5,363.10	39.71	18.67	178.18	-285.99	2.09	2,349.16	2,307.06	42.10	55.805		
5,900.00	5,450.39	5,450.28	5,450.20	40.50	19.25	178.17	-284.02	5.06	2,390.28	2,346.92	43.36	55.127		
6,000.00	5,540.95	5,677.86	5,677.37	41.28	19.77	178.01	-278.92	14.45	2,428.23	2,383.76	44.47	54.598		
6,100.00	5,631.52	5,776.79	5,775.78	42.06	20.11	177.83	-275.27	23.92	2,465.55	2,420.27	45.28	54.451		
6,200.00	5,722.09	5,889.14	5,887.37	42.84	20.51	177.61	-270.49	36.00	2,502.12	2,455.95	46.17	54.191		
6,300.00	5,812.66	6,001.69	5,999.00	43.62	20.91	177.37	-265.35	49.37	2,538.27	2,491.20	47.07	53.928		
6,400.00	5,903.22	6,137.75	6,133.28	44.41	21.40	176.98	-258.14	70.06	2,573.15	2,525.04	48.11	53.484		
6,500.00	5,993.79	6,244.45	6,237.93	45.19	21.79	176.60	-252.05	89.96	2,607.09	2,558.11	48.98	53.224		
6,600.00	6,084.36	6,362.20	6,352.75	45.97	22.23	176.13	-245.18	115.10	2,640.55	2,590.62	49.94	52.880		
6,700.00	6,174.93	6,683.45	6,660.65	46.75	23.51	174.59	-212.54	200.14	2,668.32	2,616.27	52.05	51.261		
6,800.00	6,265.49	6,876.93	6,842.32	47.54	24.35	173.55	-183.10	259.79	2,691.50	2,638.05	53.45	50.352		
6,900.00	6,356.06	7,037.14	6,990.08	48.32	25.11	172.61	-154.81	314.84	2,711.98	2,657.25	54.73	49.553		
7,000.00	6,446.63	7,199.48	7,140.45	49.10	25.88	171.79	-121.68	365.86	2,730.63	2,674.63	56.00	48.762		
7,100.00	6,537.19	7,280.90	7,218.51	49.88	26.23	171.68	-102.06	377.54	2,748.22	2,691.42	56.80	48.382		
7,200.00	6,627.76	7,348.00	7,283.70	50.67	26.48	171.79	-86.34	377.95	2,767.56	2,710.06	57.49	48.139		
7,300.00	6,718.33	7,348.00	7,283.70	51.45	26.48	171.79	-86.34	377.95	2,788.65	2,730.72	57.92	48.143		
7,400.00	6,808.90	7,416.17	7,349.75	52.23	26.69	172.07	-71.62	370.04	2,811.32	2,752.79	58.53	48.033		
7,500.00	6,899.46	7,443.00	7,375.47	53.01	26.78	172.23	-66.22	364.68	2,836.25	2,777.27	58.97	48.095		
7,600.00	6,990.03	7,487.03	7,417.28	53.80	26.89	172.53	-58.09	353.53	2,863.20	2,803.77	59.43	48.179		
7,700.00	7,080.60	7,537.00	7,464.00	54.58	27.02	172.92	-50.18	337.73	2,892.64	2,832.77	59.88	48.309		
7,743.09	7,119.63	7,537.00	7,464.00	54.92	27.02	172.92	-50.18	337.73	2,905.77	2,845.79	59.99	48.440		
7,750.00	7,125.88	7,537.00	7,464.00	54.97	27.02	174.60	-50.18	337.73	2,907.93	2,847.92	60.00	48.463		
7,800.00	7,171.32	7,559.87	7,485.01	55.35	27.07	-172.75	-46.90	329.31	2,923.63	2,863.43	60.20	48.565		
7,850.00	7,216.74	7,592.19	7,514.06	55.71	27.14	-160.12	-42.26	315.93	2,939.15	2,878.73	60.42	48.643		
7,900.00	7,261.79	7,631.00	7,547.84	56.05	27.23	-148.35	-36.73	297.65	2,954.34	2,893.69	60.66	48.704		
7,950.00	7,306.14	7,631.00	7,547.84	56.37	27.23	-138.18	-36.73	297.65	2,969.21	2,908.46	60.74	48.880		
8,000.00	7,349.44	7,666.94	7,577.91	56.66	27.31	-129.34	-31.85	278.61	2,983.48	2,922.52	60.96	48.939		
8,050.00	7,391.36	7,687.12	7,594.25	56.92	27.35	-122.00	-29.30	267.04	2,997.33	2,936.22	61.11	49.045		
8,100.00	7,431.59	7,726.00	7,624.51	57.16	27.43	-115.84	-24.80	243.06	3,010.69	2,949.36	61.33	49.086		
8,150.00	7,469.82	7,726.00	7,624.51	57.37	27.43	-110.79	-24.80	243.06	3,023.05	2,961.65	61.40	49.234		
8,200.00	7,505.76	7,767.69	7,655.07	57.55	27.54	-106.54	-20.28	215.07	3,034.55	2,972.89	61.67	49.210		
8,250.00	7,539.14	7,806.37	7,681.56	57.71	27.64	-103.04	-16.12	187.22	3,044.86	2,982.93	61.92	49.172		
8,300.00	7,569.69	7,914.00	7,745.07	57.84	28.02	-100.10	-3.12	101.48	3,053.15	2,990.55	62.60	48.770		
8,350.00	7,597.20	7,958.95	7,766.56	57.96	28.26	-97.76	2.91	62.48	3,059.50	2,996.46	63.04	48.530		
8,400.00	7,621.44	7,989.00	7,778.99	58.04	28.44	-95.91	6.72	35.39	3,064.66	3,001.26	63.40	48.342		
8,450.00	7,642.24	8,009.00	7,786.37	58.11	28.55	-94.47	9.14	16.96	3,068.55	3,004.85	63.71	48.168		
8,500.00	7,659.43	8,053.26	7,800.59	58.16	28.89	-93.40	14.23	-24.63	3,071.02	3,006.73	64.29	47.769		
8,550.00	7,672.90	8,086.46	7,809.49	58.19	29.14	-92.69	17.82	-56.41	3,072.13	3,007.31	64.83	47.390		
8,600.00	7,682.52	8,123.17	7,817.69	58.20	29.47	-92.33	21.56	-92.00	3,071.83	3,006.36	65.47	46.921		
8,650.00	7,688.23	8,163.29	7,825.47	58.19	29.85	-92.32	25.49	-131.16	3,070.03	3,003.81	66.21	46.366		
8,697.19	7,690.00	8,198.00	7,831.30	58.18	30.19	-92.61	28.77	-165.22	3,066.96	3,000.05	66.92	45.832		
8,700.00	7,690.00	8,198.00	7,831.30	58.17	30.19	-92.61	28.77	-165.22	3,066.75	2,999.81	66.94	45.815		
8,800.00	7,690.00	8,268.89	7,838.61	58.15	30.98	-92.75	34.79	-235.43	3,059.47	2,990.86	68.61	44.594		
8,900.00	7,690.00	8,367.58	7,839.84	58.17	32.21	-92.78	42.05	-333.84	3,052.93	2,982.07	70.86	43.082		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
9,000.00	7,690.00	8,481.00	7,839.49	58.24	33.80	-92.78	51.46	-446.87	3,045.29	2,971.62	73.67	41.334		
9,100.00	7,690.00	8,545.08	7,839.75	58.37	34.81	-92.79	56.65	-510.74	3,038.25	2,962.33	75.92	40.021		
9,200.00	7,690.00	8,576.00	7,839.98	58.56	35.30	-92.80	58.54	-541.60	3,033.26	2,955.62	77.63	39.072		
9,300.00	7,690.00	8,625.65	7,840.39	58.83	36.13	-92.81	60.61	-591.20	3,030.14	2,950.30	79.83	37.956		
9,400.00	7,690.00	8,670.00	7,840.75	59.19	36.88	-92.81	61.35	-635.54	3,029.12	2,947.13	81.99	36.944		
9,406.33	7,690.00	8,670.00	7,840.75	59.22	36.88	-92.81	61.35	-635.54	3,029.12	2,947.04	82.08	36.906		
9,500.00	7,690.00	8,703.65	7,841.03	59.66	37.48	-92.82	61.23	-669.19	3,030.10	2,946.08	84.02	36.065		
9,600.00	7,690.00	8,764.00	7,841.58	60.26	38.55	-92.83	59.61	-729.51	3,033.24	2,946.57	86.68	34.995		
9,700.00	7,690.00	8,796.79	7,841.89	61.01	39.16	-92.83	58.15	-762.27	3,037.91	2,949.13	88.79	34.216		
9,800.00	7,690.00	8,868.31	7,842.47	61.93	40.49	-92.84	54.39	-833.68	3,043.93	2,952.08	91.86	33.138		
9,900.00	7,690.00	8,980.04	7,843.43	63.01	42.67	-92.85	48.37	-945.25	3,050.11	2,954.04	96.06	31.752		
10,000.00	7,690.00	9,071.63	7,844.48	64.27	44.53	-92.87	43.54	-1,036.71	3,056.20	2,956.31	99.88	30.597		
10,100.00	7,690.00	9,142.00	7,845.23	65.70	45.99	-92.88	39.42	-1,106.95	3,062.89	2,959.67	103.22	29.674		
10,200.00	7,690.00	9,236.00	7,846.13	67.27	47.98	-92.89	33.20	-1,200.74	3,070.29	2,963.00	107.29	28.618		
10,300.00	7,690.00	9,424.41	7,846.62	68.97	52.13	-92.88	23.62	-1,388.89	3,075.98	2,961.76	114.23	26.929		
10,400.00	7,690.00	9,520.00	7,847.49	70.79	54.30	-92.90	20.01	-1,484.42	3,080.56	2,961.98	118.58	25.978		
10,500.00	7,690.00	9,616.25	7,848.39	72.70	56.51	-92.91	16.24	-1,580.59	3,085.28	2,962.25	123.02	25.079		
10,600.00	7,690.00	9,741.28	7,849.46	74.69	59.44	-92.92	11.79	-1,705.54	3,089.61	2,961.18	128.43	24.057		
10,700.00	7,690.00	9,864.71	7,850.59	76.74	62.38	-92.94	8.13	-1,828.91	3,093.40	2,959.54	133.86	23.110		
10,800.00	7,690.00	9,998.10	7,851.80	78.86	65.60	-92.96	5.62	-1,962.26	3,096.07	2,956.40	139.67	22.168		
10,900.00	7,690.00	10,085.00	7,852.64	81.03	67.71	-92.97	4.18	-2,049.15	3,098.52	2,954.47	144.06	21.509		
11,000.00	7,690.00	10,205.56	7,853.56	83.24	70.68	-92.99	2.06	-2,169.68	3,101.13	2,951.56	149.56	20.734		
11,100.00	7,690.00	10,407.11	7,855.20	85.49	75.69	-93.02	4.11	-2,371.21	3,100.38	2,942.67	157.72	19.658		
11,196.40	7,690.00	10,462.00	7,855.77	87.69	77.07	-93.03	5.24	-2,426.08	3,099.42	2,938.27	161.15	19.233		
11,200.00	7,690.00	10,462.00	7,855.77	87.77	77.07	-93.03	5.24	-2,426.08	3,099.42	2,938.21	161.22	19.225		
11,231.71	7,690.00	10,497.31	7,856.23	88.51	77.96	-93.04	5.73	-2,461.39	3,099.22	2,936.31	162.91	19.025		
11,300.00	7,690.00	10,531.22	7,856.78	90.09	78.81	-93.05	5.83	-2,495.29	3,099.60	2,934.42	165.17	18.766		
11,400.00	7,690.00	10,594.15	7,857.98	92.43	80.40	-93.07	5.19	-2,558.21	3,101.41	2,932.49	168.92	18.360		
11,500.00	7,690.00	10,667.88	7,859.26	94.79	82.26	-93.09	3.82	-2,631.91	3,104.12	2,931.09	173.03	17.940		
11,600.00	7,690.00	10,745.00	7,860.62	97.17	84.21	-93.11	1.62	-2,708.99	3,107.77	2,930.52	177.25	17.533		
11,700.00	7,690.00	10,888.57	7,863.25	99.57	87.86	-93.16	-1.91	-2,852.49	3,111.14	2,927.36	183.78	16.929		
11,800.00	7,690.00	11,010.57	7,865.47	101.99	90.97	-93.19	-3.35	-2,974.46	3,113.15	2,923.56	189.58	16.421		
11,900.00	7,690.00	11,114.96	7,867.26	104.43	93.65	-93.23	-4.23	-3,078.84	3,114.84	2,920.02	194.81	15.989		
12,000.00	7,690.00	11,343.55	7,871.28	106.88	99.55	-93.30	-1.95	-3,307.35	3,115.07	2,910.90	204.17	15.257		
12,100.00	7,690.00	11,542.23	7,874.63	109.34	104.71	-93.37	6.82	-3,505.79	3,112.02	2,899.63	212.40	14.652		
12,200.00	7,690.00	11,779.12	7,878.32	111.81	110.89	-93.46	28.85	-3,741.59	3,102.77	2,881.22	221.55	14.005		
12,300.00	7,690.00	11,860.98	7,879.66	114.30	113.03	-93.49	37.57	-3,822.98	3,092.98	2,866.78	226.21	13.673		
12,400.00	7,690.00	11,948.26	7,881.11	116.79	115.32	-93.53	46.42	-3,909.79	3,083.71	2,852.69	231.02	13.348		
12,500.00	7,690.00	12,022.54	7,882.37	119.30	117.26	-93.56	53.58	-3,983.72	3,074.97	2,839.51	235.46	13.059		
12,600.00	7,690.00	12,090.76	7,883.36	121.81	119.06	-93.59	59.47	-4,051.68	3,067.20	2,827.48	239.72	12.795		
12,700.00	7,690.00	12,160.00	7,884.23	124.33	120.88	-93.61	64.68	-4,120.71	3,060.49	2,816.50	243.99	12.543		
12,800.00	7,690.00	12,223.96	7,884.95	126.86	122.56	-93.63	68.80	-4,184.53	3,054.87	2,806.78	248.09	12.314		
12,900.00	7,690.00	12,288.69	7,885.62	129.40	124.26	-93.64	72.27	-4,249.16	3,050.34	2,798.17	252.18	12.096		
13,000.00	7,690.00	12,349.00	7,886.23	131.94	125.85	-93.66	74.78	-4,309.42	3,047.02	2,790.92	256.10	11.898		
13,100.00	7,690.00	12,414.71	7,886.75	134.49	127.58	-93.67	76.72	-4,375.10	3,044.91	2,784.73	260.17	11.703		
13,174.18	7,690.00	12,443.00	7,886.88	136.39	128.33	-93.67	77.29	-4,403.38	3,044.21	2,781.75	262.46	11.599		
13,200.00	7,690.00	12,443.00	7,886.88	137.05	128.33	-93.67	77.29	-4,403.38	3,044.32	2,781.42	262.90	11.580		
13,300.00	7,690.00	12,505.99	7,887.42	139.61	129.98	-93.68	77.46	-4,466.37	3,045.20	2,778.43	266.78	11.415		
13,400.00	7,690.00	12,538.00	7,887.91	142.18	130.82	-93.69	76.82	-4,498.37	3,048.27	2,778.83	269.44	11.313		
13,500.00	7,690.00	12,599.16	7,889.05	144.75	132.42	-93.71	74.55	-4,559.48	3,052.99	2,779.85	273.14	11.177		
13,600.00	7,690.00	12,670.72	7,890.48	147.33	134.29	-93.73	70.64	-4,630.91	3,059.23	2,782.01	277.22	11.035		
13,700.00	7,690.00	12,766.23	7,892.21	149.91	136.79	-93.75	65.33	-4,726.26	3,065.66	2,783.41	282.26	10.861		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
13,800.00	7,690.00	12,859.29	7,893.57	152.49	139.22	-93.77	59.70	-4,819.14	3,072.53	2,785.34	287.20	10.698		
13,900.00	7,690.00	12,955.15	7,895.23	155.08	141.73	-93.79	54.07	-4,914.82	3,079.26	2,787.01	292.25	10.536		
14,000.00	7,690.00	13,040.65	7,896.61	157.67	143.96	-93.81	48.53	-5,000.13	3,086.57	2,789.69	296.89	10.397		
14,100.00	7,690.00	13,160.12	7,898.64	160.27	147.09	-93.84	40.96	-5,119.34	3,093.78	2,790.86	302.92	10.213		
14,200.00	7,690.00	13,244.38	7,900.17	162.87	149.30	-93.86	35.96	-5,203.44	3,100.60	2,793.09	307.51	10.083		
14,300.00	7,690.00	13,316.44	7,901.45	165.47	151.19	-93.88	30.93	-5,275.31	3,108.41	2,796.84	311.58	9.976		
14,400.00	7,690.00	13,401.63	7,902.76	168.08	153.42	-93.89	24.53	-5,360.25	3,116.77	2,800.58	316.19	9.857		
14,500.00	7,690.00	13,480.00	7,903.60	170.69	155.46	-93.90	17.98	-5,438.34	3,125.90	2,805.40	320.50	9.753		
14,600.00	7,690.00	14,115.75	7,909.17	173.30	172.29	-94.00	20.82	-6,072.69	3,124.09	2,779.40	344.69	9.064		
14,700.00	7,690.00	14,174.72	7,909.71	175.91	173.86	-94.01	25.62	-6,131.46	3,116.86	2,768.01	348.85	8.935		
14,800.00	7,690.00	14,236.00	7,910.17	178.53	175.49	-94.03	29.48	-6,192.62	3,111.23	2,758.21	353.02	8.813		
14,900.00	7,690.00	14,275.89	7,910.44	181.15	176.56	-94.03	31.36	-6,232.46	3,107.10	2,750.62	356.49	8.716		
15,000.00	7,690.00	14,329.00	7,910.82	183.77	177.97	-94.04	33.13	-6,285.54	3,104.57	2,744.30	360.27	8.617		
15,100.00	7,690.00	14,396.65	7,911.50	186.39	179.78	-94.06	34.53	-6,353.17	3,103.31	2,738.83	364.47	8.514		
15,200.00	7,690.00	14,532.22	7,912.93	189.02	183.39	-94.08	37.06	-6,488.71	3,102.38	2,731.41	370.97	8.363		
15,300.00	7,690.00	14,583.40	7,913.36	191.65	184.76	-94.09	37.89	-6,539.88	3,101.42	2,726.81	374.61	8.279		
15,314.00	7,690.00	14,591.88	7,913.43	192.01	184.98	-94.09	37.98	-6,548.36	3,101.39	2,726.23	375.16	8.267		
15,400.00	7,690.00	14,649.11	7,913.96	194.27	186.51	-94.10	38.24	-6,605.58	3,101.68	2,722.98	378.70	8.190		
15,500.00	7,690.00	14,725.90	7,914.37	196.91	188.56	-94.11	37.89	-6,682.37	3,102.91	2,719.76	383.15	8.098		
15,600.00	7,690.00	14,820.23	7,915.04	199.54	191.07	-94.12	37.24	-6,776.70	3,104.41	2,716.17	388.24	7.996		
15,700.00	7,690.00	14,895.00	7,915.73	202.17	193.06	-94.13	36.17	-6,851.46	3,106.62	2,714.03	392.59	7.913		
15,800.00	7,690.00	15,078.25	7,917.54	204.81	197.94	-94.16	34.90	-7,034.68	3,108.42	2,707.47	400.94	7.753		
15,900.00	7,690.00	15,198.78	7,918.72	207.45	201.16	-94.18	36.76	-7,155.20	3,107.66	2,700.69	406.96	7.636		
15,982.96	7,690.00	15,257.80	7,919.28	209.64	202.74	-94.19	37.51	-7,214.21	3,107.29	2,696.75	410.54	7.569		
16,000.00	7,690.00	15,273.00	7,919.42	210.09	203.15	-94.20	37.63	-7,229.41	3,107.30	2,695.92	411.38	7.553		
16,100.00	7,690.00	15,556.51	7,921.70	212.73	210.73	-94.25	50.15	-7,512.58	3,102.52	2,680.04	422.48	7.344		
16,200.00	7,690.00	15,608.76	7,922.14	215.37	212.13	-94.27	53.26	-7,564.73	3,097.39	2,670.97	426.43	7.264		
16,300.00	7,690.00	15,650.00	7,922.50	218.02	213.24	-94.27	55.15	-7,605.93	3,093.83	2,663.90	429.93	7.196		
16,400.00	7,690.00	15,722.54	7,923.18	220.66	215.18	-94.29	57.48	-7,678.42	3,091.55	2,657.20	434.35	7.118		
16,500.00	7,690.00	15,822.50	7,924.06	223.31	217.86	-94.31	59.65	-7,778.36	3,090.20	2,650.53	439.67	7.028		
16,600.00	7,690.00	15,878.46	7,924.40	225.95	219.35	-94.31	60.74	-7,834.30	3,089.18	2,645.71	443.48	6.966		
16,608.98	7,690.00	15,882.55	7,924.43	226.19	219.46	-94.31	60.77	-7,838.40	3,089.18	2,645.40	443.78	6.961		
16,700.00	7,690.00	15,933.00	7,924.89	228.60	220.81	-94.32	60.70	-7,888.84	3,089.93	2,642.79	447.14	6.910		
16,800.00	7,690.00	16,042.26	7,925.90	231.25	223.73	-94.34	59.97	-7,998.10	3,091.44	2,638.64	452.81	6.827		
16,900.00	7,690.00	16,071.94	7,926.13	233.90	224.52	-94.34	59.38	-8,027.76	3,093.79	2,638.37	455.41	6.793		
17,000.00	7,690.00	16,121.00	7,926.48	236.56	225.83	-94.35	57.59	-8,076.79	3,098.07	2,639.44	458.62	6.755		
17,100.00	7,690.00	16,593.00	7,929.70	239.21	238.44	-94.41	67.14	-8,547.95	3,096.29	2,619.76	476.53	6.498		
17,200.00	7,690.00	16,637.19	7,929.88	241.86	239.63	-94.42	70.24	-8,592.03	3,090.11	2,609.73	480.38	6.433		
17,300.00	7,690.00	16,688.00	7,930.18	244.52	240.99	-94.43	72.77	-8,642.78	3,085.79	2,601.50	484.29	6.372		
17,400.00	7,690.00	16,737.56	7,930.47	247.17	242.32	-94.44	74.45	-8,692.31	3,083.07	2,595.04	488.04	6.317		
17,500.00	7,690.00	16,782.00	7,930.65	249.83	243.51	-94.44	75.50	-8,736.74	3,081.74	2,590.26	491.48	6.270		
17,507.40	7,690.00	16,782.00	7,930.65	250.03	243.51	-94.44	75.50	-8,736.74	3,081.73	2,590.12	491.61	6.269		
17,600.00	7,690.00	16,824.91	7,930.81	252.49	244.66	-94.44	75.72	-8,779.64	3,082.24	2,587.53	494.71	6.230		
17,700.00	7,690.00	16,876.00	7,931.03	255.15	246.02	-94.45	74.47	-8,830.72	3,085.07	2,586.96	498.11	6.194		
17,800.00	7,690.00	17,021.07	7,931.84	257.81	249.90	-94.45	71.42	-8,975.75	3,088.15	2,582.94	505.22	6.113		
17,900.00	7,690.00	17,106.47	7,932.27	260.47	252.18	-94.46	70.62	-9,061.14	3,089.92	2,579.94	509.98	6.059		
18,000.00	7,690.00	17,178.93	7,932.49	263.13	254.12	-94.46	69.15	-9,133.59	3,092.67	2,578.46	514.21	6.014		
18,100.00	7,690.00	17,283.06	7,933.11	265.79	256.90	-94.47	66.85	-9,237.69	3,095.67	2,575.96	519.71	5.957		
18,200.00	7,690.00	17,471.85	7,934.47	268.45	261.96	-94.49	64.87	-9,426.45	3,097.81	2,569.39	528.42	5.862		
18,262.65	7,690.00	17,542.97	7,935.13	270.12	263.87	-94.50	65.49	-9,497.57	3,097.79	2,565.72	532.06	5.822		
18,300.00	7,690.00	17,537.00	7,935.07	271.11	263.70	-94.50	65.43	-9,491.59	3,098.02	2,565.55	532.48	5.818		
18,400.00	7,690.00	17,631.00	7,935.93	273.78	266.22	-94.51	64.96	-9,585.59	3,099.35	2,561.77	537.58	5.765		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
18,500.00	7,690.00	17,846.11	7,937.29	276.44	271.99	-94.54	66.97	-9,800.66	3,099.58	2,552.65	546.93	5.667	
18,592.11	7,690.00	17,867.00	7,937.45	278.90	272.55	-94.54	67.62	-9,821.53	3,098.28	2,548.83	549.45	5.639	
18,602.86	7,690.00	17,867.00	7,937.45	279.18	272.55	-94.54	67.62	-9,821.53	3,098.30	2,548.67	549.64	5.637 SF	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
0.00	0.00	2.00	2.00	0.00	0.00	179.85	-316.18	0.84	316.18					
100.00	100.00	104.05	104.05	0.27	0.28	179.85	-315.90	0.84	315.90	315.35	0.55	571.613		
200.00	200.00	204.78	204.78	0.63	0.64	179.77	-315.06	1.24	315.07	313.80	1.27	247.896		
300.00	300.00	303.85	303.84	0.99	1.00	179.67	-314.34	1.82	314.35	312.37	1.98	158.520		
316.40	316.40	320.15	320.14	1.04	1.06	166.37	-314.25	1.91	314.30	312.20	2.10	149.656 CC, ES		
400.00	399.98	403.51	403.50	1.34	1.35	166.36	-313.83	2.33	315.54	312.84	2.70	116.944		
500.00	499.84	502.89	502.87	1.71	1.71	166.49	-313.39	2.73	320.18	316.76	3.42	93.703		
600.00	599.45	602.09	602.08	2.07	2.06	166.77	-313.17	2.93	328.45	324.31	4.14	79.382		
700.00	698.70	700.71	700.69	2.45	2.41	167.17	-313.05	3.04	340.20	335.35	4.85	70.175		
800.00	797.47	799.13	799.11	2.85	2.74	167.66	-313.12	3.02	355.55	350.00	5.55	64.100		
900.00	895.62	897.64	897.62	3.28	3.07	168.23	-313.18	2.90	374.28	368.03	6.25	59.867		
1,000.00	993.06	994.87	994.86	3.73	3.40	168.83	-313.19	2.69	396.37	389.41	6.96	56.945		
1,100.00	1,089.64	1,091.67	1,091.66	4.23	3.74	169.42	-313.21	2.65	421.84	414.16	7.68	54.958		
1,200.00	1,185.27	1,187.99	1,187.97	4.75	4.08	170.00	-313.14	2.71	450.57	442.17	8.40	53.643		
1,300.00	1,279.82	1,282.96	1,282.95	5.33	4.41	170.55	-312.96	2.81	482.53	473.40	9.12	52.886		
1,400.00	1,373.17	1,377.46	1,377.44	5.94	4.75	171.08	-312.64	2.90	517.63	507.77	9.85	52.544		
1,500.00	1,465.21	1,469.21	1,469.19	6.60	5.07	171.57	-312.28	3.04	555.95	545.37	10.57	52.587		
1,554.30	1,514.61	1,518.24	1,518.22	6.98	5.25	171.82	-312.13	3.14	578.15	567.18	10.96	52.730		
1,600.00	1,556.00	1,559.52	1,559.51	7.30	5.40	172.07	-312.04	3.23	597.26	585.97	11.29	52.898		
1,700.00	1,646.56	1,651.08	1,651.06	8.03	5.72	172.57	-311.78	3.58	639.06	627.05	12.01	53.220		
1,800.00	1,737.13	1,742.84	1,742.82	8.76	6.05	172.98	-311.42	4.20	680.75	668.02	12.73	53.472		
1,900.00	1,827.70	1,833.36	1,833.33	9.50	6.37	173.33	-311.03	4.95	722.42	708.97	13.45	53.706		
2,000.00	1,918.27	1,924.76	1,924.73	10.25	6.70	173.64	-310.64	5.77	764.10	749.92	14.18	53.886		
2,100.00	2,008.83	2,015.35	2,015.31	11.00	7.02	173.91	-310.23	6.58	805.78	790.87	14.91	54.053		
2,200.00	2,099.40	2,106.01	2,105.98	11.76	7.34	174.16	-309.83	7.33	847.49	831.85	15.64	54.197		
2,300.00	2,189.97	2,194.44	2,194.40	12.52	7.65	174.39	-309.50	8.01	889.28	872.93	16.35	54.382		
2,400.00	2,280.53	2,281.86	2,281.82	13.28	7.96	174.63	-309.51	8.10	931.52	914.46	17.06	54.615		
2,500.00	2,371.10	2,373.80	2,373.75	14.05	8.27	174.87	-309.47	8.09	973.73	955.94	17.79	54.743		
2,600.00	2,461.67	2,462.83	2,462.79	14.81	8.58	175.09	-309.47	7.95	1,016.01	997.51	18.50	54.915		
2,700.00	2,552.24	2,553.33	2,553.29	15.58	8.89	175.29	-309.54	7.75	1,058.39	1,039.16	19.22	55.062		
2,800.00	2,642.80	2,646.06	2,646.02	16.35	9.21	175.48	-309.51	7.70	1,100.65	1,080.69	19.96	55.131		
2,900.00	2,733.37	2,736.67	2,736.62	17.13	9.53	175.65	-309.38	7.64	1,142.83	1,122.13	20.70	55.214		
3,000.00	2,823.94	2,823.97	2,823.93	17.90	9.83	175.80	-309.41	7.65	1,185.16	1,163.76	21.41	55.363		
3,100.00	2,914.51	2,915.77	2,915.73	18.67	10.15	175.94	-309.55	7.79	1,227.58	1,205.43	22.15	55.433		
3,200.00	3,005.07	3,008.05	3,008.00	19.45	10.47	176.08	-309.55	7.84	1,269.88	1,246.99	22.89	55.479		
3,300.00	3,095.64	3,096.87	3,096.83	20.22	10.78	176.20	-309.54	7.80	1,312.20	1,288.59	23.61	55.582		
3,400.00	3,186.21	3,191.72	3,191.68	21.00	11.11	176.33	-309.47	7.86	1,354.45	1,330.08	24.37	55.579		
3,500.00	3,276.77	3,277.88	3,277.84	21.77	11.41	176.43	-309.38	7.94	1,396.67	1,371.60	25.08	55.698		
3,600.00	3,367.34	3,370.08	3,370.04	22.55	11.73	176.53	-309.44	8.00	1,439.05	1,413.23	25.82	55.730		
3,700.00	3,457.91	3,459.13	3,459.09	23.33	12.04	176.63	-309.43	8.07	1,481.36	1,454.82	26.55	55.802		
3,800.00	3,548.48	3,548.48	3,548.44	24.11	12.34	176.73	-309.50	7.92	1,523.80	1,496.53	27.27	55.878		
3,900.00	3,639.04	3,638.05	3,638.01	24.88	12.65	176.82	-309.61	7.71	1,566.29	1,538.29	27.99	55.950		
4,000.00	3,729.61	3,730.10	3,730.06	25.66	12.96	176.91	-309.73	7.53	1,608.79	1,580.05	28.74	55.983		
4,100.00	3,820.18	3,820.85	3,820.81	26.44	13.28	176.99	-309.78	7.45	1,651.19	1,621.72	29.47	56.022		
4,200.00	3,910.74	3,913.60	3,913.56	27.22	13.60	177.06	-309.87	7.65	1,693.60	1,663.37	30.23	56.029		
4,300.00	4,001.31	4,005.38	4,005.34	28.00	13.92	177.14	-309.75	7.61	1,735.84	1,704.86	30.98	56.038		
4,400.00	4,091.88	4,094.74	4,094.70	28.78	14.24	177.20	-309.70	7.74	1,778.12	1,746.41	31.71	56.074		
4,500.00	4,182.45	4,184.91	4,184.87	29.56	14.55	177.26	-309.72	7.96	1,820.46	1,788.01	32.45	56.103		
4,600.00	4,273.01	4,274.77	4,274.73	30.34	14.87	177.32	-309.68	7.86	1,862.80	1,829.62	33.18	56.138		
4,700.00	4,363.58	4,363.96	4,363.92	31.12	15.17	177.38	-309.74	7.85	1,905.22	1,871.31	33.91	56.182		
4,800.00	4,454.15	4,454.71	4,454.67	31.90	15.49	177.44	-309.82	7.89	1,947.66	1,913.01	34.65	56.208		
4,900.00	4,544.72	4,544.37	4,544.32	32.68	15.80	177.49	-309.89	7.89	1,990.09	1,954.70	35.38	56.244		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,000.00	4,635.28	4,631.69	4,631.64	33.46	16.10	177.54	-310.09	7.88	2,032.65	1,996.56	36.10	56.308		
5,100.00	4,725.85	4,724.40	4,724.36	34.24	16.42	177.59	-310.33	8.01	2,075.23	2,038.38	36.85	56.308		
5,200.00	4,816.42	4,819.69	4,819.64	35.02	16.76	177.63	-310.41	8.09	2,117.66	2,080.02	37.63	56.274		
5,300.00	4,906.98	4,913.18	4,913.13	35.81	17.09	177.68	-310.24	8.16	2,159.85	2,121.46	38.40	56.252		
5,400.00	4,997.55	4,994.68	4,994.63	36.59	17.37	177.72	-310.27	8.16	2,202.25	2,163.17	39.08	56.359		
5,500.00	5,088.12	5,086.28	5,086.23	37.37	17.69	177.76	-310.46	8.22	2,244.80	2,204.98	39.82	56.368		
5,600.00	5,178.69	5,181.24	5,181.19	38.15	18.02	177.81	-310.47	7.90	2,287.24	2,246.64	40.60	56.341		
5,700.00	5,269.25	5,272.00	5,271.95	38.93	18.34	177.86	-310.38	7.76	2,329.55	2,288.21	41.34	56.350		
5,800.00	5,359.82	5,359.06	5,359.01	39.71	18.64	177.89	-310.44	8.04	2,371.93	2,329.87	42.06	56.392		
5,900.00	5,450.39	5,447.33	5,447.28	40.50	18.95	177.92	-310.61	8.12	2,414.46	2,371.67	42.79	56.427		
6,000.00	5,540.95	5,554.72	5,554.67	41.28	19.32	177.95	-310.61	8.57	2,456.77	2,413.12	43.65	56.282		
6,100.00	5,631.52	5,699.75	5,699.56	42.06	19.84	177.87	-309.23	14.34	2,497.49	2,452.71	44.78	55.778		
6,200.00	5,722.09	5,803.54	5,803.08	42.84	20.20	177.74	-307.57	21.72	2,537.15	2,491.53	45.62	55.619		
6,300.00	5,812.66	5,906.81	5,906.00	43.62	20.57	177.60	-305.73	29.89	2,576.52	2,530.07	46.46	55.461		
6,400.00	5,903.22	5,992.16	5,990.93	44.41	20.87	177.45	-304.28	38.15	2,615.68	2,568.50	47.18	55.442		
6,500.00	5,993.79	6,064.25	6,062.51	45.19	21.13	177.28	-303.77	46.72	2,655.36	2,607.54	47.81	55.535		
6,600.00	6,084.36	6,133.75	6,131.26	45.97	21.38	177.08	-304.27	56.92	2,695.85	2,647.42	48.43	55.664		
6,700.00	6,174.93	6,215.00	6,211.09	46.75	21.68	176.78	-305.80	71.88	2,736.82	2,687.68	49.13	55.702		
6,800.00	6,265.49	6,285.84	6,280.33	47.54	21.94	176.47	-307.83	86.72	2,778.33	2,728.57	49.77	55.828		
6,900.00	6,356.06	6,361.09	6,353.74	48.32	22.22	176.15	-310.62	103.06	2,820.56	2,770.13	50.43	55.925		
7,000.00	6,446.63	6,465.37	6,455.10	49.10	22.62	175.67	-314.86	127.16	2,863.05	2,811.72	51.33	55.776		
7,100.00	6,537.19	6,593.91	6,578.80	49.88	23.12	175.00	-319.34	161.77	2,904.58	2,852.15	52.43	55.398		
7,200.00	6,627.76	6,726.90	6,705.68	50.67	23.67	174.26	-322.73	201.43	2,945.11	2,891.52	53.59	54.952		
7,300.00	6,718.33	6,864.93	6,836.33	51.45	24.26	173.45	-324.33	245.93	2,984.26	2,929.44	54.82	54.433		
7,400.00	6,808.90	6,966.56	6,932.30	52.23	24.71	172.87	-324.56	279.36	3,022.76	2,966.97	55.79	54.178		
7,500.00	6,899.46	7,072.11	7,031.97	53.01	25.20	172.28	-324.32	314.12	3,061.07	3,004.26	56.81	53.883		
7,600.00	6,990.03	7,152.20	7,107.64	53.80	25.57	171.84	-324.03	340.33	3,099.50	3,041.87	57.63	53.780		
7,700.00	7,080.60	7,292.46	7,242.94	54.58	26.19	171.30	-321.46	376.57	3,137.43	3,078.52	58.90	53.265		
7,743.09	7,119.63	7,344.36	7,294.40	54.92	26.40	171.25	-319.28	382.80	3,153.42	3,094.08	59.35	53.136		
7,750.00	7,125.88	7,352.72	7,302.73	54.97	26.43	172.97	-318.87	383.37	3,155.97	3,096.55	59.42	53.116		
7,800.00	7,171.32	7,613.83	7,560.93	55.35	27.25	-174.01	-295.77	364.70	3,174.44	3,113.57	60.87	52.154		
7,850.00	7,216.74	7,630.00	7,576.35	55.71	27.30	-161.60	-293.43	360.43	3,189.31	3,128.25	61.06	52.234		
7,900.00	7,261.79	7,673.39	7,616.93	56.05	27.41	-149.99	-287.23	346.42	3,203.79	3,142.45	61.33	52.238		
7,950.00	7,306.14	7,697.01	7,638.42	56.37	27.47	-139.80	-284.01	337.17	3,218.12	3,156.60	61.52	52.307		
8,000.00	7,349.44	7,725.00	7,663.24	56.66	27.54	-131.11	-280.36	324.77	3,232.08	3,170.36	61.72	52.365		
8,050.00	7,391.36	7,725.00	7,663.24	56.92	27.54	-123.85	-280.36	324.77	3,245.67	3,183.85	61.82	52.505		
8,100.00	7,431.59	7,756.15	7,689.94	57.16	27.62	-117.78	-276.62	309.17	3,258.60	3,196.59	62.01	52.546		
8,150.00	7,469.82	7,773.34	7,704.21	57.37	27.66	-112.72	-274.75	299.78	3,271.04	3,208.88	62.16	52.622		
8,200.00	7,505.76	7,819.00	7,740.36	57.55	27.78	-108.53	-270.52	272.25	3,283.14	3,220.74	62.41	52.609		
8,250.00	7,539.14	7,819.00	7,740.36	57.71	27.78	-104.97	-270.52	272.25	3,293.86	3,231.35	62.50	52.700		
8,300.00	7,569.69	7,819.00	7,740.36	57.84	27.78	-101.96	-270.52	272.25	3,304.00	3,241.39	62.61	52.773		
8,350.00	7,597.20	7,846.55	7,760.90	57.96	27.86	-99.54	-268.43	254.00	3,313.22	3,250.38	62.84	52.723		
8,400.00	7,621.44	7,867.04	7,775.55	58.04	27.92	-97.53	-267.07	239.76	3,321.47	3,258.40	63.07	52.663		
8,450.00	7,642.24	7,914.00	7,807.04	58.11	28.07	-96.06	-264.59	205.03	3,328.92	3,265.48	63.43	52.480		
8,500.00	7,659.43	7,914.00	7,807.04	58.16	28.07	-94.69	-264.59	205.03	3,334.81	3,271.17	63.64	52.405		
8,550.00	7,672.90	7,914.00	7,807.04	58.19	28.07	-93.61	-264.59	205.03	3,339.88	3,276.01	63.87	52.292		
8,600.00	7,682.52	7,949.46	7,828.62	58.20	28.22	-93.10	-263.31	176.92	3,343.68	3,279.37	64.32	51.986		
8,650.00	7,688.23	7,970.40	7,840.33	58.19	28.30	-92.77	-262.80	159.58	3,346.41	3,281.69	64.73	51.702		
8,697.19	7,690.00	8,008.00	7,859.36	58.18	28.46	-92.87	-262.33	127.16	3,348.03	3,282.80	65.22	51.331		
8,700.00	7,690.00	8,008.00	7,859.36	58.17	28.46	-92.87	-262.33	127.16	3,348.08	3,282.83	65.24	51.317		
8,800.00	7,690.00	8,008.00	7,859.36	58.15	28.46	-92.87	-262.33	127.16	3,351.32	3,285.33	65.99	50.783		
8,900.00	7,690.00	8,070.16	7,884.77	58.17	28.80	-93.30	-263.11	70.49	3,356.23	3,288.98	67.25	49.910		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
9,000.00	7,690.00	8,103.00	7,894.97	58.24	28.98	-93.47	-264.38	39.32	3,363.17	3,294.77	68.41	49.165		
9,100.00	7,690.00	8,171.83	7,908.62	58.37	29.46	-93.70	-268.59	-27.94	3,371.51	3,301.53	69.98	48.175		
9,200.00	7,690.00	8,318.04	7,914.94	58.56	30.72	-93.79	-279.68	-173.54	3,380.25	3,307.72	72.53	46.605		
9,300.00	7,690.00	8,477.25	7,917.32	58.83	32.54	-93.82	-289.41	-332.44	3,387.31	3,311.47	75.84	44.661		
9,400.00	7,690.00	8,765.42	7,921.30	59.19	36.92	-93.88	-296.00	-620.46	3,390.47	3,308.21	82.26	41.217		
9,500.00	7,690.00	8,858.00	7,922.52	59.66	38.57	-93.90	-295.66	-713.03	3,390.94	3,305.37	85.57	39.626		
9,600.00	7,690.00	8,922.17	7,923.47	60.26	39.77	-93.91	-295.81	-777.19	3,392.03	3,303.60	88.43	38.358		
9,700.00	7,690.00	8,992.46	7,924.59	61.01	41.11	-93.93	-296.69	-847.47	3,394.12	3,302.61	91.51	37.088		
9,800.00	7,690.00	9,067.20	7,925.94	61.93	42.58	-93.95	-298.16	-922.18	3,396.97	3,302.17	94.80	35.834		
9,900.00	7,690.00	9,141.00	7,927.20	63.01	44.08	-93.97	-300.21	-995.94	3,400.61	3,302.46	98.15	34.648		
10,000.00	7,690.00	9,291.49	7,929.34	64.27	47.25	-94.00	-303.95	-1,146.37	3,403.97	3,300.39	103.58	32.863		
10,100.00	7,690.00	9,396.98	7,931.22	65.70	49.55	-94.03	-305.38	-1,251.83	3,406.19	3,298.19	108.00	31.540		
10,200.00	7,690.00	9,641.53	7,935.75	67.27	55.08	-94.10	-305.10	-1,496.31	3,407.74	3,291.38	116.35	29.288		
10,300.00	7,690.00	9,708.00	7,936.77	68.97	56.62	-94.12	-303.49	-1,562.75	3,406.24	3,286.30	119.94	28.398		
10,378.26	7,690.00	9,755.51	7,937.49	70.38	57.73	-94.13	-302.80	-1,610.25	3,405.82	3,283.16	122.66	27.767		
10,400.00	7,690.00	9,767.17	7,937.65	70.79	58.01	-94.14	-302.71	-1,621.90	3,405.85	3,282.48	123.37	27.608		
10,500.00	7,690.00	9,822.25	7,938.41	72.70	59.30	-94.15	-302.79	-1,676.98	3,406.82	3,280.13	126.68	26.892		
10,600.00	7,690.00	9,897.00	7,939.51	74.69	61.08	-94.16	-303.95	-1,751.71	3,409.12	3,278.53	130.60	26.104		
10,700.00	7,690.00	10,022.38	7,941.40	76.74	64.09	-94.19	-305.63	-1,877.06	3,411.38	3,275.32	136.07	25.072		
10,800.00	7,690.00	10,118.62	7,943.06	78.86	66.42	-94.22	-306.38	-1,973.29	3,413.03	3,272.32	140.72	24.255		
10,900.00	7,690.00	10,201.23	7,944.41	81.03	68.44	-94.24	-307.19	-2,055.88	3,414.91	3,269.92	144.99	23.553		
11,000.00	7,690.00	10,273.00	7,945.65	83.24	70.20	-94.26	-308.61	-2,127.63	3,417.70	3,268.76	148.95	22.946		
11,100.00	7,690.00	10,273.00	7,945.65	85.49	70.20	-94.26	-308.61	-2,127.63	3,422.22	3,271.58	150.63	22.719		
11,200.00	7,690.00	10,367.00	7,947.37	87.77	72.51	-94.28	-313.42	-2,221.48	3,428.21	3,272.91	155.30	22.075		
11,300.00	7,690.00	10,400.54	7,947.97	90.09	73.33	-94.29	-315.91	-2,254.92	3,435.72	3,277.71	158.00	21.744		
11,400.00	7,690.00	10,506.40	7,949.70	92.43	75.95	-94.31	-323.08	-2,360.52	3,443.33	3,280.23	163.10	21.112		
11,500.00	7,690.00	10,599.86	7,951.16	94.79	78.27	-94.32	-330.02	-2,453.71	3,451.58	3,283.78	167.80	20.569		
11,600.00	7,690.00	11,072.60	7,959.61	97.17	90.22	-94.44	-340.10	-2,925.87	3,455.84	3,271.13	184.72	18.709		
11,700.00	7,690.00	11,160.67	7,961.08	99.57	92.48	-94.47	-337.23	-3,013.88	3,453.45	3,264.04	189.41	18.233		
11,800.00	7,690.00	11,247.81	7,962.55	101.99	94.72	-94.50	-334.34	-3,100.96	3,451.07	3,256.98	194.09	17.781		
11,900.00	7,690.00	11,570.59	7,967.57	104.43	103.06	-94.60	-314.86	-3,422.96	3,446.08	3,240.37	205.71	16.752		
12,000.00	7,690.00	11,769.99	7,970.58	106.88	108.22	-94.68	-293.08	-3,621.13	3,435.92	3,222.40	213.52	16.092		
12,100.00	7,690.00	11,782.00	7,970.75	109.34	108.53	-94.69	-291.61	-3,633.04	3,425.70	3,209.44	216.27	15.840		
12,200.00	7,690.00	11,833.56	7,971.48	111.81	109.87	-94.70	-286.11	-3,684.30	3,416.74	3,196.70	220.05	15.527		
12,300.00	7,690.00	11,876.00	7,972.02	114.30	110.98	-94.72	-283.44	-3,726.65	3,410.67	3,187.14	223.53	15.258		
12,400.00	7,690.00	11,876.00	7,972.02	116.79	110.98	-94.72	-283.44	-3,726.65	3,406.43	3,180.76	225.67	15.095		
12,494.74	7,690.00	11,876.00	7,972.02	119.17	110.98	-94.72	-283.44	-3,726.65	3,405.11	3,177.57	227.54	14.965		
12,500.00	7,690.00	11,876.00	7,972.02	119.30	110.98	-94.72	-283.44	-3,726.65	3,405.11	3,177.47	227.64	14.958		
12,539.24	7,690.00	11,912.73	7,972.48	120.28	111.93	-94.73	-282.53	-3,763.36	3,404.53	3,174.95	229.58	14.829		
12,600.00	7,690.00	11,926.51	7,972.66	121.81	112.29	-94.73	-282.54	-3,777.14	3,405.09	3,173.93	231.16	14.731		
12,700.00	7,690.00	11,971.00	7,973.30	124.33	113.45	-94.74	-283.86	-3,821.60	3,408.14	3,173.71	234.42	14.538		
12,800.00	7,690.00	12,484.61	7,979.06	126.86	126.90	-94.86	-262.21	-4,334.11	3,402.57	3,150.15	252.42	13.480		
12,900.00	7,690.00	12,537.00	7,979.94	129.40	128.28	-94.88	-258.04	-4,386.32	3,394.99	3,138.69	256.30	13.246		
13,000.00	7,690.00	12,537.00	7,979.94	131.94	128.28	-94.88	-258.04	-4,386.32	3,388.95	3,130.36	258.60	13.105		
13,100.00	7,690.00	12,585.47	7,980.52	134.49	129.55	-94.89	-255.62	-4,434.73	3,385.00	3,122.77	262.23	12.909		
13,200.00	7,690.00	12,631.00	7,980.70	137.05	130.75	-94.90	-254.33	-4,480.24	3,382.85	3,117.13	265.72	12.731		
13,300.00	7,690.00	12,869.54	7,982.58	139.61	137.05	-94.94	-241.59	-4,718.38	3,376.93	3,101.72	275.22	12.270		
13,400.00	7,690.00	12,914.00	7,983.31	142.18	138.22	-94.96	-239.02	-4,762.77	3,372.15	3,093.37	278.78	12.096		
13,500.00	7,690.00	12,914.00	7,983.31	144.75	138.22	-94.96	-239.02	-4,762.77	3,369.74	3,088.90	280.84	11.999		
13,579.39	7,690.00	12,962.24	7,984.06	146.80	139.49	-94.97	-237.57	-4,810.98	3,368.58	3,084.62	283.96	11.863		
13,600.00	7,690.00	12,967.46	7,984.14	147.33	139.63	-94.98	-237.53	-4,816.20	3,368.63	3,084.11	284.52	11.840		
13,700.00	7,690.00	13,008.00	7,984.72	149.91	140.70	-94.98	-238.08	-4,856.72	3,370.33	3,082.64	287.69	11.715		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
13,800.00	7,690.00	13,144.84	7,986.94	152.49	144.31	-95.02	-239.72	-4,993.53	3,372.56	3,078.35	294.21	11.463		
13,900.00	7,690.00	13,197.00	7,987.93	155.08	145.69	-95.03	-239.85	-5,045.68	3,374.06	3,076.29	297.77	11.331		
14,000.00	7,690.00	13,267.18	7,989.15	157.67	147.54	-95.05	-240.86	-5,115.84	3,376.59	3,074.65	301.93	11.183		
14,100.00	7,690.00	13,324.36	7,989.94	160.27	149.05	-95.06	-242.76	-5,172.98	3,380.71	3,075.12	305.59	11.063		
14,200.00	7,690.00	13,764.00	7,995.74	162.87	160.67	-95.16	-237.50	-5,611.75	3,380.37	3,058.25	322.12	10.494		
14,300.00	7,690.00	13,764.00	7,995.74	165.47	160.67	-95.16	-237.50	-5,611.75	3,376.51	3,052.17	324.35	10.410		
14,400.00	7,690.00	13,802.37	7,996.19	168.08	161.68	-95.17	-236.47	-5,650.10	3,374.92	3,047.31	327.61	10.302		
14,426.84	7,690.00	13,810.72	7,996.26	168.78	161.90	-95.17	-236.38	-5,658.44	3,374.85	3,046.44	328.41	10.276		
14,500.00	7,690.00	13,858.00	7,996.52	170.69	163.16	-95.18	-236.73	-5,705.72	3,375.68	3,044.30	331.37	10.187		
14,600.00	7,690.00	13,858.00	7,996.52	173.30	163.16	-95.18	-236.73	-5,705.72	3,377.93	3,044.87	333.06	10.142		
14,700.00	7,690.00	13,911.76	7,996.66	175.91	164.58	-95.17	-238.53	-5,759.45	3,382.17	3,045.60	336.57	10.049		
14,800.00	7,690.00	13,952.00	7,996.77	178.53	165.64	-95.17	-240.57	-5,799.64	3,388.08	3,048.60	339.48	9.980		
14,900.00	7,690.00	13,952.00	7,996.77	181.15	165.64	-95.17	-240.57	-5,799.64	3,396.40	3,055.81	340.58	9.972		
15,000.00	7,690.00	14,007.80	7,997.01	183.77	167.10	-95.17	-245.07	-5,855.26	3,405.91	3,062.01	343.91	9.904		
15,100.00	7,690.00	14,358.44	7,999.95	186.39	176.30	-95.17	-272.32	-6,204.57	3,417.45	3,058.12	359.33	9.511		
15,200.00	7,690.00	14,423.00	8,000.36	189.02	178.01	-95.18	-274.65	-6,269.08	3,421.80	3,058.53	363.27	9.420		
15,300.00	7,690.00	14,614.16	8,001.22	191.65	183.09	-95.18	-280.01	-6,460.16	3,425.53	3,053.61	371.92	9.211		
15,400.00	7,690.00	15,083.00	8,004.66	194.27	195.57	-95.26	-260.01	-6,927.86	3,421.52	3,033.25	388.27	8.812		
15,500.00	7,690.00	15,083.00	8,004.66	196.91	195.57	-95.26	-260.01	-6,927.86	3,414.32	3,023.35	390.97	8.733		
15,600.00	7,690.00	15,083.00	8,004.66	199.54	195.57	-95.26	-260.01	-6,927.86	3,410.04	3,016.68	393.36	8.669		
15,700.00	7,690.00	15,122.97	8,004.84	202.17	196.63	-95.27	-258.48	-6,967.80	3,407.67	3,010.91	396.76	8.589		
15,746.80	7,690.00	15,133.78	8,004.88	203.41	196.92	-95.27	-258.34	-6,978.61	3,407.43	3,009.38	398.05	8.560		
15,800.00	7,690.00	15,178.00	8,005.08	204.81	198.10	-95.27	-258.95	-7,022.82	3,408.39	3,007.83	400.56	8.509		
15,900.00	7,690.00	15,178.00	8,005.08	207.45	198.10	-95.27	-258.95	-7,022.82	3,410.12	3,007.83	402.29	8.477		
16,000.00	7,690.00	15,205.98	8,005.21	210.09	198.84	-95.27	-260.08	-7,050.78	3,414.53	3,009.72	404.81	8.435		
16,100.00	7,690.00	15,330.18	8,005.89	212.73	202.13	-95.27	-266.04	-7,174.82	3,420.27	3,009.22	411.05	8.321		
16,200.00	7,690.00	15,407.96	8,006.23	215.37	204.20	-95.27	-268.52	-7,252.55	3,424.45	3,008.97	415.47	8.242		
16,300.00	7,690.00	15,461.00	8,006.59	218.02	205.60	-95.27	-272.14	-7,305.46	3,431.27	3,012.41	418.86	8.192		
16,400.00	7,690.00	15,461.00	8,006.59	220.66	205.60	-95.27	-272.14	-7,305.46	3,439.32	3,019.46	419.85	8.192		
16,500.00	7,690.00	15,461.00	8,006.59	223.31	205.60	-95.27	-272.14	-7,305.46	3,450.24	3,029.74	420.50	8.205		
16,600.00	7,690.00	15,513.11	8,007.04	225.95	206.96	-95.27	-277.91	-7,357.24	3,462.66	3,039.22	423.44	8.177		
16,700.00	7,690.00	15,556.00	8,007.40	228.60	208.08	-95.27	-284.12	-7,399.68	3,477.48	3,051.66	425.82	8.166		
16,800.00	7,690.00	16,310.00	8,009.67	231.25	227.91	-95.23	-323.65	-8,148.62	3,483.64	3,026.27	457.36	7.617		
16,900.00	7,690.00	16,370.31	8,009.91	233.90	229.53	-95.24	-321.39	-8,208.88	3,480.76	3,019.25	461.50	7.542		
17,000.00	7,690.00	16,476.18	8,010.25	236.56	232.37	-95.25	-318.24	-8,314.70	3,478.58	3,011.58	467.01	7.449		
17,100.00	7,690.00	16,760.19	8,010.96	239.21	239.98	-95.28	-301.38	-8,598.19	3,473.21	2,995.96	477.26	7.277		
17,200.00	7,690.00	16,782.00	8,011.05	241.86	240.56	-95.29	-299.46	-8,619.91	3,466.37	2,985.73	480.64	7.212		
17,300.00	7,690.00	16,830.24	8,011.27	244.52	241.85	-95.30	-296.13	-8,668.04	3,461.01	2,976.46	484.55	7.143		
17,400.00	7,690.00	16,876.00	8,011.46	247.17	243.08	-95.30	-294.90	-8,713.77	3,458.45	2,970.16	488.29	7.083		
17,481.64	7,690.00	16,876.00	8,011.46	249.34	243.08	-95.30	-294.90	-8,713.77	3,457.48	2,967.45	490.04	7.056		
17,500.00	7,690.00	16,876.00	8,011.46	249.83	243.08	-95.30	-294.90	-8,713.77	3,457.53	2,967.14	490.39	7.051		
17,600.00	7,690.00	16,876.00	8,011.46	252.49	243.08	-95.30	-294.90	-8,713.77	3,459.51	2,967.42	492.09	7.030		
17,700.00	7,690.00	17,348.00	8,013.58	255.15	255.68	-95.36	-277.72	-9,184.35	3,453.34	2,944.52	508.81	6.787		
17,800.00	7,690.00	17,393.39	8,013.84	257.81	256.90	-95.37	-274.29	-9,229.60	3,446.73	2,933.93	512.81	6.721		
17,900.00	7,690.00	17,443.00	8,014.17	260.47	258.23	-95.38	-271.56	-9,279.14	3,441.89	2,925.09	516.80	6.660		
18,000.00	7,690.00	17,514.19	8,014.52	263.13	260.14	-95.39	-268.47	-9,350.26	3,438.27	2,916.95	521.32	6.595		
18,100.00	7,690.00	17,537.00	8,014.57	265.79	260.75	-95.39	-267.51	-9,373.05	3,435.70	2,911.40	524.30	6.553		
18,200.00	7,690.00	17,599.57	8,014.69	268.45	262.43	-95.39	-265.93	-9,435.60	3,434.36	2,905.96	528.41	6.499		
18,235.10	7,690.00	17,631.00	8,014.77	269.39	263.27	-95.39	-265.91	-9,467.03	3,434.59	2,904.43	530.15	6.478		
18,300.00	7,690.00	17,644.27	8,014.80	271.11	263.63	-95.39	-266.01	-9,480.30	3,435.18	2,903.37	531.81	6.459		
18,400.00	7,690.00	17,789.39	8,015.21	273.78	267.52	-95.40	-266.12	-9,625.41	3,436.04	2,897.32	538.72	6.378		
18,500.00	7,690.00	17,914.00	8,015.37	276.44	270.86	-95.40	-264.63	-9,750.01	3,435.55	2,890.66	544.88	6.305		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	
18,591.08	7,690.00	17,987.00	8,015.73	278.87	272.82	-95.41	-263.22	-9,823.00	3,434.67	2,885.54	549.14	6.255	
18,602.86	7,690.00	17,987.00	8,015.73	279.18	272.82	-95.41	-263.22	-9,823.00	3,434.69	2,885.33	549.36	6.252 SF	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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	65.65	2,779.78	6,142.01	6,741.77	6,741.51	0.27	N/A		
104.45	104.45	0.00	0.00	0.28	0.00	65.65	2,779.78	6,142.01	6,741.77	6,741.49	0.28	N/A		
200.00	200.00	71.00	71.00	0.63	0.09	65.65	2,779.75	6,142.25	6,742.03	6,741.32	0.71	9,472.450		
300.00	300.00	152.95	152.95	0.99	0.38	65.66	2,779.44	6,142.95	6,742.64	6,741.28	1.36	4,942.631		
400.00	399.98	250.09	250.08	1.34	0.73	52.40	2,779.01	6,143.92	6,742.30	6,740.23	2.07	3,255.954		
500.00	499.84	359.82	359.81	1.71	1.12	52.48	2,778.64	6,144.89	6,739.78	6,736.96	2.83	2,385.671		
600.00	599.45	459.81	459.79	2.07	1.48	52.62	2,778.36	6,145.63	6,735.03	6,731.48	3.55	1,897.355		
700.00	698.70	563.88	563.86	2.45	1.85	52.82	2,778.05	6,146.40	6,728.16	6,723.86	4.30	1,565.349		
800.00	797.47	654.34	654.32	2.85	2.18	53.07	2,777.71	6,147.10	6,719.22	6,714.21	5.01	1,340.887		
900.00	895.62	747.23	747.20	3.28	2.51	53.37	2,777.40	6,147.92	6,708.33	6,702.58	5.75	1,166.662		
1,000.00	993.06	857.95	857.92	3.73	2.91	53.76	2,777.00	6,148.82	6,695.35	6,688.78	6.57	1,018.409		
1,100.00	1,089.64	953.08	953.05	4.23	3.25	54.18	2,776.65	6,149.51	6,680.31	6,672.94	7.37	906.755		
1,200.00	1,185.27	1,045.48	1,045.44	4.75	3.58	54.66	2,776.27	6,150.25	6,663.37	6,655.19	8.18	814.740		
1,300.00	1,279.82	1,147.07	1,147.03	5.33	3.95	55.22	2,775.82	6,151.03	6,644.51	6,635.45	9.05	733.920		
1,400.00	1,373.17	1,243.84	1,243.79	5.94	4.29	55.83	2,775.29	6,151.72	6,623.72	6,613.78	9.94	666.077		
1,500.00	1,465.21	1,337.17	1,337.11	6.60	4.63	56.49	2,774.83	6,152.35	6,601.16	6,590.30	10.86	607.914		
1,554.30	1,514.61	1,391.04	1,390.98	6.98	4.82	56.88	2,774.55	6,152.69	6,588.16	6,576.78	11.38	578.814		
1,600.00	1,556.00	1,435.84	1,435.79	7.30	4.98	57.03	2,774.30	6,152.94	6,577.01	6,565.19	11.83	556.166		
1,700.00	1,646.56	1,529.75	1,529.69	8.03	5.32	57.33	2,773.81	6,153.40	6,562.68	6,539.89	12.79	512.247		
1,800.00	1,737.13	1,626.79	1,626.73	8.76	5.66	57.65	2,773.14	6,153.90	6,528.51	6,514.73	13.78	473.699		
1,900.00	1,827.70	1,725.99	1,725.92	9.50	6.02	57.98	2,772.48	6,154.22	6,504.38	6,489.60	14.79	439.810		
2,000.00	1,918.27	1,822.11	1,822.04	10.25	6.36	58.30	2,771.95	6,154.40	6,480.37	6,464.57	15.79	410.331		
2,100.00	2,008.83	1,913.94	1,913.87	11.00	6.68	58.61	2,771.64	6,154.42	6,456.48	6,439.69	16.79	384.579		
2,200.00	2,099.40	2,007.20	2,007.13	11.76	7.01	58.92	2,771.39	6,154.41	6,432.78	6,414.98	17.79	361.494		
2,300.00	2,189.97	2,108.17	2,108.11	12.52	7.36	59.26	2,770.87	6,154.37	6,409.17	6,390.33	18.83	340.290		
2,400.00	2,280.53	2,204.04	2,203.97	13.28	7.70	59.59	2,770.10	6,154.30	6,385.65	6,365.78	19.86	321.473		
2,500.00	2,371.10	2,289.72	2,289.65	14.05	8.00	59.88	2,769.43	6,154.23	6,362.32	6,341.46	20.86	304.935		
2,600.00	2,461.67	2,370.64	2,370.57	14.81	8.29	60.16	2,768.86	6,154.23	6,339.30	6,317.45	21.86	290.044		
2,700.00	2,552.24	2,449.91	2,449.83	15.58	8.57	60.44	2,768.35	6,154.34	6,316.64	6,293.79	22.85	276.445		
2,800.00	2,642.80	2,532.57	2,532.49	16.35	8.87	60.73	2,767.95	6,154.56	6,294.33	6,270.47	23.86	263.801		
2,900.00	2,733.37	2,620.63	2,620.55	17.13	9.18	61.04	2,767.58	6,154.85	6,272.31	6,247.41	24.89	251.957		
3,000.00	2,823.94	2,718.04	2,717.96	17.90	9.52	61.38	2,767.39	6,155.08	6,250.48	6,224.52	25.96	240.792		
3,100.00	2,914.51	2,827.19	2,827.10	18.67	9.89	61.75	2,768.89	6,154.53	6,228.65	6,201.61	27.04	230.312		
3,200.00	3,005.07	2,921.28	2,921.16	19.45	10.20	62.06	2,770.62	6,153.70	6,206.82	6,178.74	28.08	221.031		
3,300.00	3,095.64	3,009.33	3,009.20	20.22	10.49	62.36	2,772.37	6,152.94	6,185.24	6,156.13	29.10	212.515		
3,400.00	3,186.21	3,103.32	3,103.16	21.00	10.80	62.68	2,774.34	6,152.11	6,163.86	6,133.71	30.15	204.426		
3,500.00	3,276.77	3,196.44	3,196.26	21.77	11.11	62.99	2,776.30	6,151.22	6,142.61	6,111.41	31.20	196.870		
3,600.00	3,367.34	3,313.76	3,313.54	22.55	11.51	63.39	2,778.79	6,149.95	6,121.48	6,089.16	32.33	189.348		
3,700.00	3,457.91	3,432.66	3,432.42	23.33	11.91	63.81	2,780.40	6,148.21	6,100.00	6,066.54	33.47	182.273		
3,800.00	3,548.48	3,530.38	3,530.11	24.11	12.24	64.15	2,781.85	6,146.50	6,078.51	6,043.97	34.54	175.969		
3,900.00	3,639.04	3,589.50	3,589.22	24.88	12.44	64.36	2,782.58	6,145.63	6,057.42	6,021.91	35.51	170.600		
4,000.00	3,729.61	3,670.68	3,670.40	25.66	12.71	64.66	2,782.95	6,144.98	6,036.94	6,000.40	36.54	165.203		
4,100.00	3,820.18	3,779.21	3,778.92	26.44	13.08	65.06	2,783.14	6,143.99	6,016.54	5,978.87	37.67	159.726		
4,200.00	3,910.74	3,890.35	3,890.05	27.22	13.46	65.47	2,782.91	6,142.72	5,996.08	5,957.28	38.81	154.509		
4,300.00	4,001.31	4,007.15	4,006.84	28.00	13.87	65.92	2,781.70	6,141.14	5,975.51	5,935.54	39.97	149.493		
4,400.00	4,091.88	4,094.28	4,093.95	28.78	14.17	66.26	2,780.16	6,139.94	5,955.01	5,913.96	41.05	145.066		
4,500.00	4,182.45	4,138.85	4,138.51	29.56	14.33	66.44	2,779.40	6,139.49	5,935.11	5,893.12	42.00	141.324		
4,600.00	4,273.01	4,192.00	4,191.66	30.34	14.51	66.65	2,779.08	6,139.30	5,916.19	5,873.22	42.97	137.680		
4,700.00	4,363.58	4,270.54	4,270.20	31.12	14.79	66.95	2,778.97	6,139.27	5,897.94	5,853.91	44.03	133.960		
4,800.00	4,454.15	4,369.65	4,369.31	31.90	15.13	67.34	2,778.46	6,139.17	5,879.83	5,834.67	45.16	130.207		
4,900.00	4,544.72	4,482.93	4,482.58	32.68	15.53	67.79	2,777.29	6,138.87	5,861.75	5,815.41	46.34	126.501		
5,000.00	4,635.28	4,584.55	4,584.19	33.46	15.89	68.20	2,775.87	6,138.36	5,843.66	5,796.18	47.48	123.069		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
5,100.00	4,725.85	4,685.02	4,684.65	34.24	16.25	68.61	2,774.17	6,137.73	5,825.68	5,777.05	48.63	119.802		
5,200.00	4,816.42	4,825.00	4,824.59	35.02	16.74	69.18	2,771.89	6,136.25	5,807.67	5,757.77	49.90	116.396		
5,300.00	4,906.98	4,944.62	4,944.17	35.81	17.16	69.65	2,772.40	6,133.47	5,789.03	5,737.94	51.09	113.310		
5,400.00	4,997.55	4,993.75	4,993.30	36.59	17.32	69.84	2,772.65	6,132.39	5,770.83	5,718.76	52.08	110.815		
5,500.00	5,088.12	5,044.00	5,043.54	37.37	17.50	70.04	2,772.92	6,131.71	5,753.58	5,700.51	53.07	108.422		
5,600.00	5,178.69	5,099.69	5,099.23	38.15	17.69	70.26	2,773.00	6,131.34	5,737.18	5,683.11	54.08	106.093		
5,700.00	5,269.25	5,193.31	5,192.85	38.93	18.02	70.65	2,772.24	6,131.24	5,721.45	5,666.23	55.21	103.626		
5,800.00	5,359.82	5,313.81	5,313.32	39.71	18.45	71.16	2,769.99	6,130.64	5,705.49	5,649.05	56.44	101.090		
5,900.00	5,450.39	5,383.82	5,383.32	40.50	18.69	71.46	2,768.68	6,130.23	5,689.78	5,632.27	57.50	98.945		
6,000.00	5,540.95	5,456.09	5,455.59	41.28	18.95	71.75	2,768.66	6,129.95	5,674.73	5,616.16	58.57	96.883		
6,100.00	5,631.52	5,541.68	5,541.18	42.06	19.24	72.10	2,768.77	6,129.75	5,660.12	5,600.44	59.68	94.835		
6,200.00	5,722.09	5,633.57	5,633.06	42.84	19.56	72.49	2,768.51	6,129.59	5,645.81	5,584.98	60.82	92.826		
6,300.00	5,812.66	5,719.89	5,719.38	43.62	19.87	72.85	2,767.77	6,129.49	5,631.78	5,569.83	61.95	90.912		
6,400.00	5,903.22	5,801.00	5,800.49	44.41	20.16	73.20	2,766.77	6,129.63	5,618.27	5,555.21	63.06	89.096		
6,500.00	5,993.79	5,878.38	5,877.86	45.19	20.43	73.52	2,766.86	6,129.82	5,605.23	5,541.08	64.15	87.375		
6,600.00	6,084.36	5,963.21	5,962.67	45.97	20.72	73.86	2,768.73	6,129.93	5,592.53	5,527.27	65.26	85.693		
6,700.00	6,174.93	6,079.92	6,079.36	46.75	21.12	74.33	2,771.06	6,130.01	5,580.04	5,513.57	66.47	83.945		
6,800.00	6,265.49	6,179.00	6,178.43	47.54	21.46	74.74	2,772.51	6,129.62	5,567.34	5,499.71	67.63	82.319		
6,900.00	6,356.06	6,251.49	6,250.91	48.32	21.70	75.03	2,773.58	6,129.41	5,555.04	5,486.33	68.71	80.849		
7,000.00	6,446.63	6,317.95	6,317.36	49.10	21.93	75.31	2,774.61	6,129.56	5,543.47	5,473.70	69.77	79.455		
7,100.00	6,537.19	6,388.28	6,387.68	49.88	22.17	75.60	2,775.61	6,130.01	5,532.56	5,461.72	70.84	78.099		
7,200.00	6,627.76	6,463.00	6,462.39	50.67	22.43	75.91	2,776.56	6,130.73	5,522.22	5,450.29	71.93	76.776		
7,300.00	6,718.33	6,528.29	6,527.67	51.45	22.66	76.18	2,777.34	6,131.60	5,512.51	5,439.53	72.98	75.532		
7,400.00	6,808.90	6,603.46	6,602.82	52.23	22.92	76.50	2,778.17	6,132.96	5,503.50	5,429.42	74.07	74.300		
7,500.00	6,899.46	6,693.68	6,693.03	53.01	23.23	76.88	2,778.96	6,134.70	5,494.90	5,419.68	75.21	73.058		
7,600.00	6,990.03	6,795.54	6,794.86	53.80	23.58	77.31	2,779.72	6,136.56	5,486.51	5,410.11	76.39	71.818		
7,700.00	7,080.60	6,886.65	6,885.96	54.58	23.90	77.70	2,780.31	6,138.06	5,478.25	5,400.71	77.54	70.650		
7,743.09	7,119.63	6,920.52	6,919.83	54.92	24.02	77.85	2,780.49	6,138.66	5,474.83	5,396.81	78.02	70.176		
7,750.00	7,125.88	6,925.95	6,925.25	54.97	24.04	79.33	2,780.52	6,138.76	5,474.33	5,396.24	78.09	70.101		
7,787.51	7,159.96	6,963.80	6,963.09	55.26	24.17	87.59	2,780.69	6,139.44	5,473.10	5,394.57	78.53	69.692 CC		
7,800.00	7,171.32	6,978.05	6,977.34	55.35	24.22	90.38	2,780.75	6,139.69	5,473.24	5,394.55	78.69	69.559 ES		
7,850.00	7,216.74	7,034.92	7,034.20	55.71	24.42	101.42	2,780.90	6,140.60	5,476.50	5,397.21	79.29	69.072		
7,900.00	7,261.79	7,031.00	7,030.29	56.05	24.41	111.36	2,780.90	6,140.54	5,484.33	5,404.67	79.67	68.842		
7,950.00	7,306.14	7,031.00	7,030.29	56.37	24.41	120.00	2,780.90	6,140.54	5,496.88	5,416.84	80.03	68.681		
8,000.00	7,349.44	7,063.00	7,062.27	56.66	24.52	127.36	2,780.95	6,141.59	5,513.87	5,433.38	80.50	68.498		
8,050.00	7,391.36	7,063.00	7,062.27	56.92	24.52	133.25	2,780.95	6,141.59	5,535.16	5,454.34	80.82	68.491 SF		
8,100.00	7,431.59	7,063.00	7,062.27	57.16	24.52	138.01	2,780.95	6,141.59	5,560.65	5,479.54	81.11	68.560		
8,150.00	7,469.82	7,063.00	7,062.27	57.37	24.52	141.86	2,780.95	6,141.59	5,590.09	5,508.72	81.37	68.701		
8,200.00	7,505.76	7,063.00	7,062.27	57.55	24.52	144.97	2,780.95	6,141.59	5,623.21	5,541.60	81.60	68.911		
8,250.00	7,539.14	7,063.00	7,062.27	57.71	24.52	147.49	2,780.95	6,141.59	5,659.68	5,577.87	81.81	69.185		
8,300.00	7,569.69	7,063.00	7,062.27	57.84	24.52	149.54	2,780.95	6,141.59	5,699.16	5,617.18	81.98	69.518		
8,350.00	7,597.20	7,063.00	7,062.27	57.96	24.52	151.22	2,780.95	6,141.59	5,741.30	5,659.17	82.13	69.905		
8,400.00	7,621.44	7,078.43	7,077.67	58.04	24.57	152.74	2,780.96	6,142.58	5,785.51	5,703.19	82.32	70.282		
8,450.00	7,642.24	7,080.03	7,079.26	58.11	24.58	153.91	2,780.96	6,142.70	5,831.78	5,749.36	82.42	70.755		
8,500.00	7,659.43	7,095.00	7,094.17	58.16	24.63	155.15	2,780.95	6,144.08	5,879.74	5,797.18	82.56	71.218		
8,550.00	7,672.90	7,095.00	7,094.17	58.19	24.63	156.27	2,780.95	6,144.08	5,928.62	5,846.01	82.61	71.767		
8,600.00	7,682.52	7,095.00	7,094.17	58.20	24.63	158.39	2,780.95	6,144.08	5,978.23	5,895.59	82.64	72.343		
8,650.00	7,688.23	7,095.00	7,094.17	58.19	24.63	-48.89	2,780.95	6,144.08	6,028.18	5,945.54	82.64	72.941		
8,697.19	7,690.00	7,095.00	7,094.17	58.18	24.63	-27.24	2,780.95	6,144.08	6,075.30	5,992.66	82.63	73.521		
8,700.00	7,690.00	7,095.00	7,094.17	58.17	24.63	-27.24	2,780.95	6,144.08	6,078.10	5,995.46	82.63	73.556		
8,800.00	7,690.00	7,095.00	7,094.17	58.15	24.63	-27.24	2,780.95	6,144.08	6,177.68	6,095.09	82.60	74.794		
8,900.00	7,690.00	7,095.00	7,094.17	58.17	24.63	-27.24	2,780.95	6,144.08	6,277.28	6,194.72	82.56	76.033		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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		
9,000.00	7,690.00	7,095.00	7,094.17	58.24	24.63	-27.24	2,780.95	6,144.08	6,376.90	6,294.37	82.53	77.271		
9,100.00	7,690.00	7,079.75	7,078.99	58.37	24.58	-26.54	2,780.96	6,142.68	6,476.31	6,393.87	82.43	78.566		
9,200.00	7,690.00	7,079.10	7,078.33	58.56	24.57	-26.51	2,780.96	6,142.63	6,575.92	6,493.52	82.40	79.806		
9,300.00	7,690.00	7,078.46	7,077.70	58.83	24.57	-26.48	2,780.96	6,142.58	6,675.55	6,593.18	82.37	81.046		
9,400.00	7,690.00	7,077.85	7,077.08	59.19	24.57	-26.46	2,780.96	6,142.53	6,775.19	6,692.85	82.34	82.285		
9,500.00	7,690.00	7,063.00	7,062.27	59.66	24.52	-25.81	2,780.95	6,141.59	6,875.02	6,792.77	82.25	83.584		
9,600.00	7,690.00	7,063.00	7,062.27	60.26	24.52	-25.81	2,780.95	6,141.59	6,974.67	6,892.44	82.23	84.820		
9,700.00	7,690.00	7,063.00	7,062.27	61.01	24.52	-25.81	2,780.95	6,141.59	7,074.32	6,992.11	82.21	86.056		
9,800.00	7,690.00	7,063.00	7,062.27	61.93	24.52	-25.81	2,780.95	6,141.59	7,173.98	7,091.80	82.18	87.291		
9,900.00	7,690.00	7,063.00	7,062.27	63.01	24.52	-25.81	2,780.95	6,141.59	7,273.65	7,191.49	82.16	88.525		
10,000.00	7,690.00	7,063.00	7,062.27	64.27	24.52	-25.81	2,780.95	6,141.59	7,373.33	7,291.19	82.15	89.759		
10,100.00	7,690.00	7,063.00	7,062.27	65.70	24.52	-25.81	2,780.95	6,141.59	7,473.02	7,390.89	82.13	90.992		
10,200.00	7,690.00	7,063.00	7,062.27	67.27	24.52	-25.81	2,780.95	6,141.59	7,572.72	7,490.61	82.11	92.225		
10,300.00	7,690.00	7,063.00	7,062.27	68.97	24.52	-25.81	2,780.95	6,141.59	7,672.42	7,590.33	82.10	93.457		
10,400.00	7,690.00	7,063.00	7,062.27	70.79	24.52	-25.81	2,780.95	6,141.59	7,772.14	7,690.05	82.08	94.688		
10,500.00	7,690.00	7,063.00	7,062.27	72.70	24.52	-25.81	2,780.95	6,141.59	7,871.86	7,789.79	82.07	95.919		
10,600.00	7,690.00	7,063.00	7,062.27	74.69	24.52	-25.81	2,780.95	6,141.59	7,971.58	7,889.53	82.06	97.149		
10,700.00	7,690.00	7,063.00	7,062.27	76.74	24.52	-25.81	2,780.95	6,141.59	8,071.32	7,989.27	82.04	98.378		
10,800.00	7,690.00	7,063.00	7,062.27	78.86	24.52	-25.81	2,780.95	6,141.59	8,171.06	8,089.02	82.03	99.606		
10,900.00	7,690.00	7,063.00	7,062.27	81.03	24.52	-25.81	2,780.95	6,141.59	8,270.80	8,188.78	82.02	100.834		
11,000.00	7,690.00	7,063.00	7,062.27	83.24	24.52	-25.81	2,780.95	6,141.59	8,370.55	8,288.54	82.02	102.061		
11,100.00	7,690.00	7,063.00	7,062.27	85.49	24.52	-25.81	2,780.95	6,141.59	8,470.31	8,388.31	82.01	103.287		
11,200.00	7,690.00	7,063.00	7,062.27	87.77	24.52	-25.81	2,780.95	6,141.59	8,570.08	8,488.08	82.00	104.512		
11,300.00	7,690.00	7,063.00	7,062.27	90.09	24.52	-25.81	2,780.95	6,141.59	8,669.85	8,587.85	82.00	105.736		
11,400.00	7,690.00	7,063.00	7,062.27	92.43	24.52	-25.81	2,780.95	6,141.59	8,769.62	8,687.63	81.99	106.959		
11,500.00	7,690.00	7,063.00	7,062.27	94.79	24.52	-25.81	2,780.95	6,141.59	8,869.40	8,787.41	81.99	108.182		
11,600.00	7,690.00	7,063.00	7,062.27	97.17	24.52	-25.81	2,780.95	6,141.59	8,969.19	8,887.20	81.98	109.403		
11,700.00	7,690.00	7,063.00	7,062.27	99.57	24.52	-25.81	2,780.95	6,141.59	9,068.97	8,986.99	81.98	110.623		
11,800.00	7,690.00	7,063.00	7,062.27	101.99	24.52	-25.81	2,780.95	6,141.59	9,168.77	9,086.79	81.98	111.843		
11,900.00	7,690.00	7,063.00	7,062.27	104.43	24.52	-25.81	2,780.95	6,141.59	9,268.57	9,186.59	81.98	113.061		
12,000.00	7,690.00	7,063.00	7,062.27	106.88	24.52	-25.81	2,780.95	6,141.59	9,368.37	9,286.39	81.98	114.279		
12,100.00	7,690.00	7,063.00	7,062.27	109.34	24.52	-25.81	2,780.95	6,141.59	9,468.18	9,386.20	81.98	115.495		
12,200.00	7,690.00	7,063.00	7,062.27	111.81	24.52	-25.81	2,780.95	6,141.59	9,567.99	9,486.01	81.98	116.710		
12,300.00	7,690.00	7,063.00	7,062.27	114.30	24.52	-25.81	2,780.95	6,141.59	9,667.80	9,585.82	81.98	117.924		
12,400.00	7,690.00	7,063.00	7,062.27	116.79	24.52	-25.81	2,780.95	6,141.59	9,767.62	9,685.63	81.99	119.137		
12,500.00	7,690.00	7,063.00	7,062.27	119.30	24.52	-25.81	2,780.95	6,141.59	9,867.44	9,785.45	81.99	120.349		
12,600.00	7,690.00	7,063.00	7,062.27	121.81	24.52	-25.81	2,780.95	6,141.59	9,967.27	9,885.27	81.99	121.560		
12,700.00	7,690.00	7,063.00	7,062.27	124.33	24.52	-25.81	2,780.95	6,141.59	10,067.10	9,985.10	82.00	122.769		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	0.00	0.00	-0.27	60.11	-0.28	60.11					
100.00	100.00	100.00	100.00	0.27	0.27	-0.27	60.11	-0.28	60.11	59.57	0.54	111.789		
200.00	200.00	200.00	200.00	0.63	0.63	-0.27	60.11	-0.28	60.11	58.86	1.25	47.909		
300.00	300.00	300.00	300.00	0.99	0.99	-0.27	60.11	-0.28	60.11	58.14	1.97	30.488		
400.00	399.98	397.95	397.93	1.34	1.34	-13.83	61.78	-0.18	60.12	57.44	2.68	22.416		
500.00	499.84	495.89	495.74	1.71	1.69	-14.67	66.79	0.11	60.16	56.77	3.39	17.740		
600.00	599.45	593.83	593.32	2.07	2.05	-16.06	75.14	0.61	60.25	56.15	4.10	14.701		
700.00	698.70	691.77	690.55	2.45	2.42	-18.00	86.81	1.29	60.45	55.64	4.81	12.573		
800.00	797.47	789.69	787.30	2.85	2.81	-20.47	101.79	2.18	60.80	55.27	5.52	11.010		
900.00	895.62	887.59	883.48	3.28	3.22	-23.44	120.05	3.26	61.38	55.13	6.25	9.822		
1,000.00	993.06	985.48	978.96	3.73	3.67	-26.85	141.59	4.53	62.27	55.27	7.00	8.896		
1,100.00	1,089.64	1,083.35	1,073.63	4.23	4.14	-30.63	166.36	5.99	63.57	55.79	7.79	8.163		
1,200.00	1,185.27	1,181.20	1,167.37	4.75	4.66	-34.70	194.34	7.64	65.37	56.73	8.64	7.568		
1,300.00	1,279.82	1,279.03	1,260.09	5.33	5.21	-38.95	225.49	9.48	67.75	58.18	9.57	7.078		
1,400.00	1,373.17	1,376.84	1,351.66	5.94	5.80	-43.27	259.77	11.50	70.78	60.17	10.61	6.672		
1,500.00	1,465.21	1,474.62	1,441.98	6.60	6.43	-47.54	297.15	13.71	74.51	62.75	11.77	6.331		
1,554.30	1,514.61	1,528.02	1,490.77	6.98	6.79	-49.84	318.81	14.98	76.82	64.36	12.46	6.165		
1,600.00	1,556.00	1,573.60	1,532.33	7.30	7.11	-51.87	337.49	16.09	78.74	65.64	13.09	6.014		
1,700.00	1,646.56	1,673.33	1,623.27	8.03	7.81	-55.96	378.36	18.50	83.25	68.73	14.53	5.731		
1,800.00	1,737.13	1,773.05	1,714.21	8.76	8.53	-59.63	419.23	20.91	88.15	72.14	16.01	5.505		
1,900.00	1,827.70	1,872.78	1,805.15	9.50	9.25	-62.89	460.10	23.32	93.37	75.84	17.54	5.325		
2,000.00	1,918.27	1,972.51	1,896.09	10.25	9.97	-65.80	500.97	25.73	98.87	79.78	19.08	5.181		
2,100.00	2,008.83	2,072.24	1,987.03	11.00	10.70	-68.41	541.84	28.14	104.59	83.94	20.65	5.066		
2,200.00	2,099.40	2,171.97	2,077.97	11.76	11.44	-70.73	582.71	30.55	110.50	88.28	22.22	4.974		
2,300.00	2,189.97	2,271.70	2,168.90	12.52	12.18	-72.82	623.58	32.97	116.58	92.78	23.79	4.899		
2,400.00	2,280.53	2,371.43	2,259.84	13.28	12.92	-74.70	664.45	35.38	122.79	97.42	25.37	4.840		
2,500.00	2,371.10	2,471.16	2,350.78	14.05	13.66	-76.40	705.32	37.79	129.13	102.18	26.95	4.791		
2,600.00	2,461.67	2,570.89	2,441.72	14.81	14.41	-77.93	746.19	40.20	135.56	107.04	28.53	4.752		
2,700.00	2,552.24	2,670.62	2,532.66	15.58	15.15	-79.33	787.06	42.61	142.09	111.99	30.10	4.720		
2,800.00	2,642.80	2,770.35	2,623.60	16.35	15.90	-80.60	827.93	45.02	148.69	117.01	31.68	4.694		
2,900.00	2,733.37	2,870.08	2,714.54	17.13	16.65	-81.77	868.80	47.44	155.36	122.11	33.25	4.673		
3,000.00	2,823.94	2,969.81	2,805.47	17.90	17.40	-82.84	909.67	49.85	162.09	127.27	34.81	4.656		
3,100.00	2,914.51	3,069.54	2,896.41	18.67	18.15	-83.82	950.54	52.26	168.87	132.49	36.38	4.642		
3,200.00	3,005.07	3,169.27	2,987.35	19.45	18.90	-84.73	991.41	54.67	175.69	137.75	37.94	4.630		
3,300.00	3,095.64	3,269.00	3,078.29	20.22	19.66	-85.57	1,032.28	57.08	182.56	143.05	39.50	4.621		
3,400.00	3,186.21	3,368.73	3,169.23	21.00	20.41	-86.35	1,073.15	59.49	189.46	148.40	41.06	4.614		
3,500.00	3,276.77	3,468.46	3,260.17	21.77	21.17	-87.07	1,114.02	61.90	196.39	153.78	42.62	4.608		
3,600.00	3,367.34	3,568.19	3,351.11	22.55	21.92	-87.74	1,154.89	64.32	203.36	159.19	44.17	4.604		
3,700.00	3,457.91	3,667.92	3,442.05	23.33	22.67	-88.37	1,195.76	66.73	210.35	164.62	45.72	4.600		
3,800.00	3,548.48	3,767.65	3,532.98	24.11	23.43	-88.96	1,236.63	69.14	217.36	170.09	47.27	4.598		
3,900.00	3,639.04	3,867.38	3,623.92	24.88	24.19	-89.52	1,277.50	71.55	224.39	175.57	48.82	4.596		
4,000.00	3,729.61	3,967.11	3,714.86	25.66	24.94	-90.03	1,318.37	73.96	231.45	181.08	50.37	4.595		
4,100.00	3,820.18	4,066.84	3,805.80	26.44	25.70	-90.52	1,359.24	76.37	238.52	186.61	51.91	4.595		
4,200.00	3,910.74	4,166.57	3,896.74	27.22	26.46	-90.98	1,400.11	78.79	245.61	192.15	53.46	4.594		
4,300.00	4,001.31	4,266.30	3,987.68	28.00	27.21	-91.42	1,440.98	81.20	252.71	197.71	55.00	4.595		
4,400.00	4,091.88	4,366.03	4,078.62	28.78	27.97	-91.83	1,481.85	83.61	259.83	203.29	56.54	4.595		
4,500.00	4,182.45	4,465.76	4,169.56	29.56	28.73	-92.21	1,522.71	86.02	266.96	208.87	58.08	4.596		
4,600.00	4,273.01	4,565.49	4,260.49	30.34	29.49	-92.58	1,563.58	88.43	274.10	214.47	59.62	4.597		
4,700.00	4,363.58	4,665.22	4,351.43	31.12	30.24	-92.93	1,604.45	90.84	281.25	220.09	61.16	4.598		
4,800.00	4,454.15	4,764.94	4,442.37	31.90	31.00	-93.26	1,645.32	93.25	288.41	225.71	62.70	4.600		
4,900.00	4,544.72	4,864.67	4,533.31	32.68	31.76	-93.58	1,686.19	95.67	295.58	231.34	64.24	4.601		
5,000.00	4,635.28	4,964.40	4,624.25	33.46	32.52	-93.88	1,727.06	98.08	302.76	236.99	65.77	4.603		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,725.85	5,064.13	4,715.19	34.24	33.28	-94.17	1,767.93	100.49	309.95	242.64	67.31	4.605	
5,200.00	4,816.42	5,163.86	4,806.13	35.02	34.04	-94.44	1,808.80	102.90	317.14	248.30	68.84	4.607	
5,300.00	4,906.98	5,263.59	4,897.07	35.81	34.79	-94.70	1,849.67	105.31	324.34	253.96	70.38	4.609	
5,400.00	4,997.55	5,363.32	4,988.00	36.59	35.55	-94.95	1,890.54	107.72	331.55	259.64	71.91	4.610	
5,500.00	5,088.12	5,463.05	5,078.94	37.37	36.31	-95.19	1,931.41	110.14	338.76	265.32	73.45	4.612	
5,600.00	5,178.69	5,562.78	5,169.88	38.15	37.07	-95.42	1,972.28	112.55	345.98	271.01	74.98	4.614	
5,700.00	5,269.25	5,662.51	5,260.82	38.93	37.83	-95.64	2,013.15	114.96	353.21	276.70	76.51	4.616	
5,800.00	5,359.82	5,762.24	5,351.76	39.71	38.59	-95.85	2,054.02	117.37	360.44	282.40	78.04	4.619	
5,900.00	5,450.39	5,861.97	5,442.70	40.50	39.35	-96.06	2,094.89	119.78	367.67	288.10	79.57	4.621	
6,000.00	5,540.95	5,961.70	5,533.64	41.28	40.11	-96.25	2,135.76	122.19	374.91	293.81	81.10	4.623	
6,100.00	5,631.52	6,061.43	5,624.58	42.06	40.87	-96.44	2,176.63	124.60	382.15	299.52	82.63	4.625	
6,200.00	5,722.09	6,161.16	5,715.51	42.84	41.63	-96.62	2,217.50	127.02	389.40	305.24	84.16	4.627	
6,300.00	5,812.66	6,260.89	5,806.45	43.62	42.39	-96.80	2,258.37	129.43	396.65	310.96	85.69	4.629	
6,400.00	5,903.22	6,360.62	5,897.39	44.41	43.15	-96.96	2,299.24	131.84	403.91	316.68	87.22	4.631	
6,500.00	5,993.79	6,460.35	5,988.33	45.19	43.91	-97.13	2,340.11	134.25	411.16	322.41	88.75	4.633	
6,600.00	6,084.36	6,560.08	6,079.27	45.97	44.67	-97.28	2,380.98	136.66	418.42	328.14	90.28	4.635	
6,700.00	6,174.93	6,659.81	6,170.21	46.75	45.43	-97.43	2,421.85	139.07	425.69	333.88	91.81	4.637	
6,800.00	6,265.49	6,759.54	6,261.15	47.54	46.19	-97.58	2,462.72	141.48	432.95	339.62	93.34	4.639	
6,900.00	6,356.06	6,859.27	6,352.08	48.32	46.95	-97.72	2,503.59	143.90	440.22	345.36	94.86	4.641	
7,000.00	6,446.63	6,959.00	6,443.02	49.10	47.71	-97.86	2,544.46	146.31	447.50	351.10	96.39	4.642	
7,100.00	6,537.19	7,058.73	6,533.96	49.88	48.47	-97.99	2,585.33	148.72	454.77	356.85	97.92	4.644	
7,200.00	6,627.76	7,158.46	6,624.90	50.67	49.23	-98.12	2,626.20	151.13	462.05	362.60	99.45	4.646	
7,300.00	6,718.33	7,258.19	6,715.84	51.45	49.99	-98.24	2,667.07	153.54	469.32	368.35	100.97	4.648	
7,400.00	6,808.90	7,357.92	6,806.78	52.23	50.75	-98.36	2,707.94	155.95	476.61	374.11	102.50	4.650	
7,500.00	6,899.46	7,457.65	6,897.72	53.01	51.51	-98.48	2,748.81	158.37	483.89	379.86	104.03	4.652	
7,600.00	6,990.03	7,557.38	6,988.66	53.80	52.27	-98.59	2,789.68	160.78	491.17	385.62	105.55	4.653	
7,700.00	7,080.60	7,657.11	7,079.59	54.58	53.03	-98.70	2,830.55	163.19	498.46	391.38	107.08	4.655	
7,743.09	7,119.63	7,700.08	7,118.78	54.92	53.36	-98.75	2,848.16	164.23	501.60	393.86	107.74	4.656	
7,750.00	7,125.88	7,706.97	7,125.07	54.97	53.41	-97.31	2,850.98	164.39	502.06	394.22	107.84	4.656	
7,800.00	7,171.32	7,825.47	7,232.95	55.35	54.30	-86.56	2,899.02	172.56	502.27	393.62	108.65	4.623	
7,850.00	7,216.74	8,136.70	7,491.47	55.71	56.33	-76.18	3,004.80	300.95	478.42	387.51	90.90	5.263	
7,900.00	7,261.79	8,279.33	7,582.48	56.05	57.03	-66.69	3,036.97	405.45	437.13	362.83	74.30	5.883	
7,950.00	7,306.14	8,340.12	7,613.77	56.37	57.29	-58.44	3,046.73	456.62	390.03	323.91	66.12	5.899	
8,000.00	7,349.44	8,365.25	7,625.25	56.66	57.38	-51.36	3,050.03	478.72	340.87	278.24	62.64	5.442	
8,050.00	7,391.36	8,372.78	7,628.52	56.92	57.41	-41.21	3,050.93	485.44	291.00	229.39	61.61	4.723	
8,100.00	7,431.59	8,370.53	7,627.56	57.16	57.40	135.50	3,050.67	483.43	241.03	179.06	61.97	3.889	
8,150.00	7,469.82	8,362.36	7,623.97	57.37	57.37	139.13	3,049.67	476.15	191.31	128.13	63.18	3.028	
8,200.00	7,505.76	8,350.33	7,618.53	57.55	57.33	140.92	3,048.12	465.53	142.07	77.13	64.94	2.188	
8,250.00	7,539.14	8,335.66	7,611.63	57.71	57.27	140.62	3,046.10	452.74	93.49	26.41	67.08	1.394 Level 3	
8,300.00	7,569.69	8,319.10	7,603.50	57.84	57.20	134.41	3,043.64	438.54	45.79	-23.84	69.64	0.658 Level 1	
8,348.11	7,596.21	8,301.86	7,594.64	57.95	57.13	66.12	3,040.88	424.01	5.04	-68.75	73.79	0.068 Level 1, CC, ES, SF	
8,350.00	7,597.20	8,301.16	7,594.27	57.96	57.13	58.76	3,040.76	423.43	5.23	-67.17	72.39	0.072 Level 1	
8,400.00	7,621.44	8,282.17	7,584.04	58.04	57.04	-10.10	3,037.49	407.76	47.61	-26.12	73.72	0.646 Level 1	
8,450.00	7,642.24	8,262.35	7,572.89	58.11	56.95	-16.86	3,033.81	391.80	92.28	15.76	76.51	1.206 Level 2	
8,500.00	7,659.43	8,241.89	7,560.86	58.16	56.86	-18.80	3,029.75	375.76	135.82	56.63	79.19	1.715	
8,550.00	7,672.90	8,220.91	7,548.01	58.19	56.76	-19.60	3,025.31	359.78	178.07	96.26	81.81	2.177	
8,600.00	7,682.52	8,200.00	7,534.69	58.20	56.66	-20.03	3,020.61	344.36	218.94	134.39	84.56	2.589	
8,650.00	7,688.23	8,177.76	7,519.98	58.19	56.54	-20.37	3,015.33	328.53	258.34	171.44	86.90	2.973	
8,697.19	7,690.00	8,150.00	7,500.89	58.18	56.40	-20.70	3,008.32	309.65	294.22	206.69	87.52	3.362	
8,700.00	7,690.00	8,150.00	7,500.89	58.17	56.40	-20.70	3,008.32	309.65	296.27	208.29	87.97	3.368	
8,800.00	7,690.00	8,115.14	7,475.82	58.15	56.21	-20.72	2,998.90	287.35	372.95	279.43	93.52	3.988	
8,900.00	7,690.00	8,080.79	7,449.98	58.17	56.01	-20.79	2,988.97	267.00	453.71	356.97	96.74	4.690	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,690.00	8,050.00	7,425.97	58.24	55.83	-20.87	2,979.56	250.20	537.60	438.53	99.08	5.426		
9,100.00	7,690.00	8,026.42	7,407.07	58.37	55.68	-20.94	2,972.04	238.28	623.96	522.77	101.19	6.166		
9,200.00	7,690.00	8,000.00	7,385.41	58.56	55.52	-21.03	2,963.32	225.92	712.34	609.94	102.40	6.957		
9,300.00	7,690.00	8,000.00	7,385.41	58.83	55.52	-21.03	2,963.32	225.92	802.53	697.72	104.81	7.657		
9,400.00	7,690.00	7,969.30	7,359.66	59.19	55.32	-21.13	2,952.80	212.93	893.47	788.51	104.96	8.512		
9,500.00	7,690.00	7,950.00	7,343.19	59.66	55.19	-21.21	2,945.99	205.53	985.82	880.26	105.56	9.339		
9,600.00	7,690.00	7,950.00	7,343.19	60.26	55.19	-21.21	2,945.99	205.53	1,079.08	972.31	106.77	10.106		
9,700.00	7,690.00	7,930.16	7,326.05	61.01	55.05	-21.28	2,938.84	198.55	1,172.95	1,065.96	106.99	10.963		
9,800.00	7,690.00	7,919.77	7,317.00	61.93	54.98	-21.32	2,935.05	195.15	1,267.54	1,160.09	107.45	11.797		
9,900.00	7,690.00	7,900.00	7,299.64	63.01	54.84	-21.40	2,927.72	189.17	1,362.81	1,255.30	107.52	12.675		
10,000.00	7,690.00	7,900.00	7,299.64	64.27	54.84	-21.40	2,927.72	189.17	1,458.29	1,350.18	108.11	13.489		
10,100.00	7,690.00	7,900.00	7,299.64	65.70	54.84	-21.40	2,927.72	189.17	1,554.33	1,445.73	108.60	14.313		
10,200.00	7,690.00	7,900.00	7,299.64	67.27	54.84	-21.40	2,927.72	189.17	1,650.85	1,541.85	109.00	15.145		
10,300.00	7,690.00	7,880.65	7,282.50	68.97	54.70	-21.47	2,920.42	183.96	1,747.32	1,638.43	108.89	16.046		
10,400.00	7,690.00	7,874.70	7,277.19	70.79	54.66	-21.49	2,918.15	182.48	1,844.26	1,735.18	109.07	16.908		
10,500.00	7,690.00	7,850.00	7,255.08	72.70	54.48	-21.59	2,908.63	176.98	1,941.85	1,833.02	108.83	17.843		
10,600.00	7,690.00	7,850.00	7,255.08	74.69	54.48	-21.59	2,908.63	176.98	2,039.05	1,929.96	109.09	18.692		
10,700.00	7,690.00	7,850.00	7,255.08	76.74	54.48	-21.59	2,908.63	176.98	2,136.51	2,027.19	109.31	19.545		
10,800.00	7,690.00	7,850.00	7,255.08	78.86	54.48	-21.59	2,908.63	176.98	2,234.19	2,124.68	109.51	20.402		
10,900.00	7,690.00	7,850.00	7,255.08	81.03	54.48	-21.59	2,908.63	176.98	2,332.07	2,222.38	109.68	21.262		
11,000.00	7,690.00	7,850.00	7,255.08	83.24	54.48	-21.59	2,908.63	176.98	2,430.12	2,320.28	109.84	22.125		
11,100.00	7,690.00	7,850.00	7,255.08	85.49	54.48	-21.59	2,908.63	176.98	2,528.32	2,418.35	109.97	22.991		
11,200.00	7,690.00	7,850.00	7,255.08	87.77	54.48	-21.59	2,908.63	176.98	2,626.66	2,516.57	110.09	23.859		
11,300.00	7,690.00	7,850.00	7,255.08	90.09	54.48	-21.59	2,908.63	176.98	2,725.12	2,614.92	110.20	24.728		
11,400.00	7,690.00	7,850.00	7,255.08	92.43	54.48	-21.59	2,908.63	176.98	2,823.69	2,713.39	110.30	25.600		
11,500.00	7,690.00	7,850.00	7,255.08	94.79	54.48	-21.59	2,908.63	176.98	2,922.35	2,811.96	110.39	26.472		
11,600.00	7,690.00	7,828.53	7,235.72	97.17	54.33	-21.68	2,900.22	173.05	3,020.63	2,910.47	110.16	27.420		
11,700.00	7,690.00	7,826.01	7,233.44	99.57	54.31	-21.69	2,899.23	172.64	3,119.35	3,009.14	110.21	28.304		
11,800.00	7,690.00	7,823.63	7,231.28	101.99	54.29	-21.70	2,898.29	172.27	3,218.13	3,107.88	110.25	29.189		
11,900.00	7,690.00	7,821.36	7,229.23	104.43	54.27	-21.70	2,897.39	171.92	3,316.98	3,206.69	110.29	30.075		
12,000.00	7,690.00	7,800.00	7,209.85	106.88	54.11	-21.79	2,888.88	169.05	3,416.26	3,306.19	110.06	31.039		
12,100.00	7,690.00	7,800.00	7,209.85	109.34	54.11	-21.79	2,888.88	169.05	3,515.14	3,405.00	110.13	31.917		
12,200.00	7,690.00	7,800.00	7,209.85	111.81	54.11	-21.79	2,888.88	169.05	3,614.08	3,503.88	110.20	32.797		
12,300.00	7,690.00	7,800.00	7,209.85	114.30	54.11	-21.79	2,888.88	169.05	3,713.08	3,602.82	110.26	33.677		
12,400.00	7,690.00	7,800.00	7,209.85	116.79	54.11	-21.79	2,888.88	169.05	3,812.13	3,701.81	110.31	34.557		
12,500.00	7,690.00	7,800.00	7,209.85	119.30	54.11	-21.79	2,888.88	169.05	3,911.23	3,800.86	110.37	35.438		
12,600.00	7,690.00	7,800.00	7,209.85	121.81	54.11	-21.79	2,888.88	169.05	4,010.37	3,899.95	110.42	36.319		
12,700.00	7,690.00	7,800.00	7,209.85	124.33	54.11	-21.79	2,888.88	169.05	4,109.56	3,999.09	110.47	37.201		
12,800.00	7,690.00	7,800.00	7,209.85	126.86	54.11	-21.79	2,888.88	169.05	4,208.78	4,098.26	110.52	38.083		
12,900.00	7,690.00	7,800.00	7,209.85	129.40	54.11	-21.79	2,888.88	169.05	4,308.04	4,197.48	110.56	38.965		
13,000.00	7,690.00	7,800.00	7,209.85	131.94	54.11	-21.79	2,888.88	169.05	4,407.33	4,296.73	110.61	39.847		
13,100.00	7,690.00	7,800.00	7,209.85	134.49	54.11	-21.79	2,888.88	169.05	4,506.66	4,396.01	110.65	40.729		
13,200.00	7,690.00	7,800.00	7,209.85	137.05	54.11	-21.79	2,888.88	169.05	4,606.01	4,495.32	110.69	41.611		
13,300.00	7,690.00	7,800.00	7,209.85	139.61	54.11	-21.79	2,888.88	169.05	4,705.39	4,594.66	110.73	42.493		
13,400.00	7,690.00	7,800.00	7,209.85	142.18	54.11	-21.79	2,888.88	169.05	4,804.80	4,694.03	110.77	43.375		
13,500.00	7,690.00	7,800.00	7,209.85	144.75	54.11	-21.79	2,888.88	169.05	4,904.23	4,793.42	110.81	44.257		
13,600.00	7,690.00	7,800.00	7,209.85	147.33	54.11	-21.79	2,888.88	169.05	5,003.69	4,892.84	110.85	45.139		
13,700.00	7,690.00	7,800.00	7,209.85	149.91	54.11	-21.79	2,888.88	169.05	5,103.16	4,992.27	110.89	46.021		
13,800.00	7,690.00	7,800.00	7,209.85	152.49	54.11	-21.79	2,888.88	169.05	5,202.66	5,091.73	110.93	46.902		
13,900.00	7,690.00	7,800.00	7,209.85	155.08	54.11	-21.79	2,888.88	169.05	5,302.17	5,191.21	110.96	47.784		
14,000.00	7,690.00	7,800.00	7,209.85	157.67	54.11	-21.79	2,888.88	169.05	5,401.70	5,290.70	111.00	48.665		
14,100.00	7,690.00	7,800.00	7,209.85	160.27	54.11	-21.79	2,888.88	169.05	5,501.25	5,390.22	111.03	49.545		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,200.00	7,690.00	7,800.00	7,209.85	162.87	54.11	-21.79	2,888.88	169.05	5,600.82	5,489.75	111.07	50.426		
14,300.00	7,690.00	7,800.00	7,209.85	165.47	54.11	-21.79	2,888.88	169.05	5,700.40	5,589.29	111.11	51.306		
14,400.00	7,690.00	7,800.00	7,209.85	168.08	54.11	-21.79	2,888.88	169.05	5,799.99	5,688.85	111.14	52.185		
14,500.00	7,690.00	7,800.00	7,209.85	170.69	54.11	-21.79	2,888.88	169.05	5,899.60	5,788.42	111.18	53.065		
14,600.00	7,690.00	7,800.00	7,209.85	173.30	54.11	-21.79	2,888.88	169.05	5,999.22	5,888.01	111.21	53.944		
14,700.00	7,690.00	7,800.00	7,209.85	175.91	54.11	-21.79	2,888.88	169.05	6,098.86	5,987.61	111.25	54.822		
14,800.00	7,690.00	7,800.00	7,209.85	178.53	54.11	-21.79	2,888.88	169.05	6,198.50	6,087.22	111.28	55.700		
14,900.00	7,690.00	7,800.00	7,209.85	181.15	54.11	-21.79	2,888.88	169.05	6,298.16	6,186.84	111.32	56.578		
15,000.00	7,690.00	7,800.00	7,209.85	183.77	54.11	-21.79	2,888.88	169.05	6,397.83	6,286.47	111.35	57.455		
15,100.00	7,690.00	7,800.00	7,209.85	186.39	54.11	-21.79	2,888.88	169.05	6,497.50	6,386.11	111.39	58.331		
15,200.00	7,690.00	7,800.00	7,209.85	189.02	54.11	-21.79	2,888.88	169.05	6,597.19	6,485.77	111.43	59.207		
15,300.00	7,690.00	7,800.00	7,209.85	191.65	54.11	-21.79	2,888.88	169.05	6,696.89	6,585.43	111.46	60.083		
15,400.00	7,690.00	7,800.00	7,209.85	194.27	54.11	-21.79	2,888.88	169.05	6,796.59	6,685.10	111.50	60.958		
15,500.00	7,690.00	7,800.00	7,209.85	196.91	54.11	-21.79	2,888.88	169.05	6,896.31	6,784.78	111.53	61.832		
15,600.00	7,690.00	7,800.00	7,209.85	199.54	54.11	-21.79	2,888.88	169.05	6,996.03	6,884.46	111.57	62.706		
15,700.00	7,690.00	7,800.00	7,209.85	202.17	54.11	-21.79	2,888.88	169.05	7,095.76	6,984.16	111.61	63.579		
15,800.00	7,690.00	7,800.00	7,209.85	204.81	54.11	-21.79	2,888.88	169.05	7,195.50	7,083.86	111.64	64.452		
15,900.00	7,690.00	7,800.00	7,209.85	207.45	54.11	-21.79	2,888.88	169.05	7,295.24	7,183.57	111.68	65.323		
16,000.00	7,690.00	7,800.00	7,209.85	210.09	54.11	-21.79	2,888.88	169.05	7,395.00	7,283.28	111.72	66.195		
16,100.00	7,690.00	7,776.63	7,188.58	212.73	53.94	-21.88	2,879.47	166.83	7,494.24	7,382.75	111.50	67.215		
16,200.00	7,690.00	7,776.13	7,188.12	215.37	53.93	-21.88	2,879.26	166.79	7,593.99	7,482.46	111.53	68.089		
16,300.00	7,690.00	7,775.63	7,187.67	218.02	53.93	-21.88	2,879.06	166.75	7,693.73	7,582.17	111.56	68.963		
16,400.00	7,690.00	7,775.15	7,187.23	220.66	53.93	-21.89	2,878.86	166.72	7,793.49	7,681.89	111.60	69.837		
16,500.00	7,690.00	7,774.68	7,186.80	223.31	53.92	-21.89	2,878.67	166.68	7,893.25	7,781.62	111.63	70.709		
16,600.00	7,690.00	7,774.22	7,186.38	225.95	53.92	-21.89	2,878.49	166.65	7,993.02	7,881.35	111.66	71.581		
16,700.00	7,690.00	7,773.77	7,185.97	228.60	53.92	-21.89	2,878.30	166.62	8,092.79	7,981.09	111.70	72.452		
16,800.00	7,690.00	7,750.00	7,164.30	231.25	53.74	-21.98	2,868.62	165.44	8,193.07	8,081.59	111.48	73.493		
16,900.00	7,690.00	7,750.00	7,164.30	233.90	53.74	-21.98	2,868.62	165.44	8,292.84	8,181.32	111.52	74.361		
17,000.00	7,690.00	7,750.00	7,164.30	236.56	53.74	-21.98	2,868.62	165.44	8,392.61	8,281.04	111.56	75.228		
17,100.00	7,690.00	7,750.00	7,164.30	239.21	53.74	-21.98	2,868.62	165.44	8,492.38	8,380.78	111.60	76.095		
17,200.00	7,690.00	7,750.00	7,164.30	241.86	53.74	-21.98	2,868.62	165.44	8,592.16	8,480.51	111.64	76.960		
17,300.00	7,690.00	7,750.00	7,164.30	244.52	53.74	-21.98	2,868.62	165.44	8,691.94	8,580.26	111.69	77.825		
17,400.00	7,690.00	7,750.00	7,164.30	247.17	53.74	-21.98	2,868.62	165.44	8,791.73	8,680.01	111.73	78.689		
17,500.00	7,690.00	7,750.00	7,164.30	249.83	53.74	-21.98	2,868.62	165.44	8,891.53	8,779.76	111.77	79.552		
17,600.00	7,690.00	7,750.00	7,164.30	252.49	53.74	-21.98	2,868.62	165.44	8,991.33	8,879.51	111.81	80.415		
17,700.00	7,690.00	7,750.00	7,164.30	255.15	53.74	-21.98	2,868.62	165.44	9,091.13	8,979.27	111.85	81.276		
17,800.00	7,690.00	7,750.00	7,164.30	257.81	53.74	-21.98	2,868.62	165.44	9,190.94	9,079.04	111.90	82.137		
17,900.00	7,690.00	7,750.00	7,164.30	260.47	53.74	-21.98	2,868.62	165.44	9,290.75	9,178.81	111.94	82.997		
18,000.00	7,690.00	7,750.00	7,164.30	263.13	53.74	-21.98	2,868.62	165.44	9,390.56	9,278.58	111.99	83.855		
18,100.00	7,690.00	7,750.00	7,164.30	265.79	53.74	-21.98	2,868.62	165.44	9,490.38	9,378.35	112.03	84.713		
18,200.00	7,690.00	7,750.00	7,164.30	268.45	53.74	-21.98	2,868.62	165.44	9,590.21	9,478.13	112.07	85.570		
18,300.00	7,690.00	7,750.00	7,164.30	271.11	53.74	-21.98	2,868.62	165.44	9,690.03	9,577.92	112.12	86.427		
18,400.00	7,690.00	7,750.00	7,164.30	273.78	53.74	-21.98	2,868.62	165.44	9,789.86	9,677.70	112.16	87.282		
18,500.00	7,690.00	7,750.00	7,164.30	276.44	53.74	-21.98	2,868.62	165.44	9,889.70	9,777.49	112.21	88.136		
18,602.86	7,690.00	7,750.00	7,164.30	279.18	53.74	-21.98	2,868.62	165.44	9,992.39	9,880.14	112.26	89.014		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	1.00	1.00	0.00	0.00	-0.40	40.07	-0.28	40.08				
100.00	100.00	101.00	101.00	0.27	0.27	-0.40	40.07	-0.28	40.08	39.53	0.54	74.036	
200.00	200.00	201.00	201.00	0.63	0.63	-0.40	40.07	-0.28	40.08	38.82	1.26	31.850	
300.00	300.00	301.00	301.00	0.99	0.99	-0.40	40.07	-0.28	40.08	38.10	1.98	20.289	
400.00	399.98	400.98	400.98	1.34	1.35	-14.31	40.07	-0.28	38.38	35.69	2.69	14.253	
500.00	499.84	500.83	500.83	1.71	1.71	-16.56	40.07	-0.28	33.34	29.92	3.41	9.765	
600.00	599.45	600.00	599.98	2.07	2.06	-21.37	41.81	-0.13	26.81	22.67	4.13	6.487	
700.00	698.70	698.53	698.37	2.45	2.42	-30.40	46.93	0.30	20.75	15.91	4.85	4.282	
800.00	797.47	797.72	797.18	2.85	2.78	-47.47	55.47	1.03	15.94	10.35	5.59	2.850	
898.05	893.72	895.19	893.94	3.27	3.14	-74.45	67.19	2.03	13.97	7.57	6.39	2.184 CC	
900.00	895.62	897.13	895.86	3.28	3.15	-75.05	67.46	2.06	13.97	7.56	6.41	2.179 ES, SF	
1,000.00	993.06	996.77	994.29	3.73	3.54	-102.88	82.88	3.37	16.18	8.92	7.26	2.229	
1,100.00	1,089.64	1,096.63	1,092.33	4.23	3.95	-120.35	101.75	4.98	21.51	13.44	8.07	2.665	
1,200.00	1,185.27	1,196.71	1,189.87	4.75	4.39	-129.73	124.07	6.89	28.42	19.53	8.89	3.197	
1,300.00	1,279.82	1,297.01	1,286.77	5.33	4.86	-134.80	149.83	9.09	36.16	26.41	9.74	3.711	
1,400.00	1,373.17	1,397.53	1,382.92	5.94	5.37	-137.59	179.02	11.58	44.42	33.78	10.64	4.175	
1,500.00	1,465.21	1,497.39	1,477.64	6.60	5.91	-139.76	210.53	14.27	53.66	42.08	11.58	4.634	
1,554.30	1,514.61	1,551.31	1,528.76	6.98	6.21	-141.45	227.62	15.73	59.77	47.70	12.08	4.949	
1,600.00	1,556.00	1,596.65	1,571.74	7.30	6.47	-142.91	242.00	16.96	65.30	52.81	12.49	5.228	
1,700.00	1,646.56	1,695.86	1,665.79	8.03	7.04	-145.38	273.45	19.64	77.50	64.10	13.40	5.782	
1,800.00	1,737.13	1,795.06	1,759.84	8.76	7.61	-147.18	304.90	22.33	89.81	75.48	14.33	6.266	
1,900.00	1,827.70	1,894.27	1,853.89	9.50	8.20	-148.54	336.35	25.01	102.18	86.91	15.27	6.692	
2,000.00	1,918.27	1,993.48	1,947.94	10.25	8.79	-149.60	367.80	27.70	114.60	98.39	16.21	7.068	
2,100.00	2,008.83	2,092.68	2,041.99	11.00	9.38	-150.46	399.25	30.38	127.05	109.88	17.17	7.402	
2,200.00	2,099.40	2,191.89	2,136.04	11.76	9.98	-151.17	430.70	33.07	139.52	121.40	18.12	7.699	
2,300.00	2,189.97	2,291.09	2,230.09	12.52	10.58	-151.76	462.15	35.75	152.01	132.93	19.08	7.966	
2,400.00	2,280.53	2,390.30	2,324.14	13.28	11.19	-152.26	493.60	38.44	164.52	144.47	20.05	8.206	
2,500.00	2,371.10	2,489.50	2,418.20	14.05	11.79	-152.69	525.05	41.12	177.03	156.01	21.02	8.424	
2,600.00	2,461.67	2,588.71	2,512.25	14.81	12.40	-153.06	556.50	43.81	189.55	167.57	21.99	8.622	
2,700.00	2,552.24	2,687.92	2,606.30	15.58	13.01	-153.39	587.95	46.49	202.08	179.12	22.96	8.802	
2,800.00	2,642.80	2,787.12	2,700.35	16.35	13.62	-153.67	619.40	49.18	214.62	190.68	23.93	8.967	
2,900.00	2,733.37	2,886.33	2,794.40	17.13	14.24	-153.93	650.85	51.86	227.16	202.25	24.91	9.119	
3,000.00	2,823.94	2,985.53	2,888.45	17.90	14.85	-154.16	682.30	54.55	239.70	213.81	25.89	9.259	
3,100.00	2,914.51	3,084.74	2,982.50	18.67	15.47	-154.37	713.75	57.23	252.25	225.38	26.87	9.388	
3,200.00	3,005.07	3,183.95	3,076.55	19.45	16.08	-154.55	745.20	59.92	264.80	236.95	27.85	9.508	
3,300.00	3,095.64	3,283.15	3,170.60	20.22	16.70	-154.72	776.65	62.60	277.35	248.52	28.83	9.620	
3,400.00	3,186.21	3,382.36	3,264.65	21.00	17.32	-154.88	808.10	65.29	289.90	260.09	29.81	9.724	
3,500.00	3,276.77	3,481.56	3,358.70	21.77	17.94	-155.02	839.55	67.97	302.46	271.66	30.80	9.821	
3,600.00	3,367.34	3,580.77	3,452.75	22.55	18.56	-155.15	871.00	70.66	315.02	283.24	31.78	9.912	
3,700.00	3,457.91	3,679.97	3,546.80	23.33	19.17	-155.27	902.46	73.34	327.58	294.81	32.77	9.997	
3,800.00	3,548.48	3,779.18	3,640.85	24.11	19.79	-155.39	933.91	76.03	340.14	306.39	33.75	10.077	
3,900.00	3,639.04	3,878.39	3,734.90	24.88	20.41	-155.49	965.36	78.71	352.70	317.96	34.74	10.152	
4,000.00	3,729.61	3,977.59	3,828.95	25.66	21.04	-155.59	996.81	81.40	365.27	329.54	35.73	10.223	
4,100.00	3,820.18	4,076.80	3,923.00	26.44	21.66	-155.68	1,028.26	84.08	377.83	341.11	36.72	10.291	
4,200.00	3,910.74	4,176.00	4,017.05	27.22	22.28	-155.76	1,059.71	86.77	390.40	352.69	37.70	10.354	
4,300.00	4,001.31	4,275.21	4,111.10	28.00	22.90	-155.84	1,091.16	89.45	402.96	364.27	38.69	10.414	
4,400.00	4,091.88	4,374.41	4,205.15	28.78	23.52	-155.92	1,122.61	92.14	415.53	375.85	39.68	10.471	
4,500.00	4,182.45	4,473.62	4,299.20	29.56	24.14	-155.99	1,154.06	94.82	428.10	387.42	40.67	10.526	
4,600.00	4,273.01	4,572.83	4,393.25	30.34	24.77	-156.05	1,185.51	97.51	440.66	399.00	41.66	10.577	
4,700.00	4,363.58	4,672.03	4,487.30	31.12	25.39	-156.12	1,216.96	100.19	453.23	410.58	42.65	10.626	
4,800.00	4,454.15	4,771.24	4,581.35	31.90	26.01	-156.18	1,248.41	102.88	465.80	422.16	43.64	10.673	
4,900.00	4,544.72	4,870.44	4,675.40	32.68	26.63	-156.23	1,279.86	105.56	478.37	433.74	44.63	10.718	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,635.28	4,969.65	4,769.45	33.46	27.26	-156.29	1,311.31	108.25	490.94	445.32	45.62	10.760	
5,100.00	4,725.85	5,068.86	4,863.50	34.24	27.88	-156.34	1,342.76	110.93	503.51	456.90	46.62	10.801	
5,200.00	4,816.42	5,168.06	4,957.55	35.02	28.50	-156.38	1,374.21	113.62	516.08	468.48	47.61	10.840	
5,300.00	4,906.98	5,267.27	5,051.60	35.81	29.13	-156.43	1,405.66	116.30	528.65	480.05	48.60	10.878	
5,400.00	4,997.55	5,366.47	5,145.65	36.59	29.75	-156.47	1,437.11	118.99	541.23	491.63	49.59	10.914	
5,500.00	5,088.12	5,465.68	5,239.70	37.37	30.37	-156.52	1,468.56	121.67	553.80	503.21	50.58	10.948	
5,600.00	5,178.69	5,564.88	5,333.75	38.15	31.00	-156.56	1,500.01	124.36	566.37	514.79	51.58	10.981	
5,700.00	5,269.25	5,664.09	5,427.80	38.93	31.62	-156.59	1,531.46	127.04	578.94	526.37	52.57	11.013	
5,800.00	5,359.82	5,763.30	5,521.85	39.71	32.25	-156.63	1,562.91	129.73	591.51	537.95	53.56	11.044	
5,900.00	5,450.39	5,862.50	5,615.90	40.50	32.87	-156.66	1,594.37	132.41	604.09	549.53	54.55	11.073	
6,000.00	5,540.95	5,961.71	5,709.95	41.28	33.49	-156.70	1,625.82	135.10	616.66	561.11	55.55	11.101	
6,100.00	5,631.52	6,060.91	5,804.01	42.06	34.12	-156.73	1,657.27	137.78	629.23	572.69	56.54	11.129	
6,200.00	5,722.09	6,160.12	5,898.06	42.84	34.74	-156.76	1,688.72	140.47	641.81	584.27	57.53	11.155	
6,300.00	5,812.66	6,259.33	5,992.11	43.62	35.37	-156.79	1,720.17	143.15	654.38	595.85	58.53	11.181	
6,400.00	5,903.22	6,358.53	6,086.16	44.41	35.99	-156.82	1,751.62	145.84	666.95	607.43	59.52	11.205	
6,500.00	5,993.79	6,457.74	6,180.21	45.19	36.62	-156.85	1,783.07	148.52	679.53	619.01	60.52	11.229	
6,600.00	6,084.36	6,556.94	6,274.26	45.97	37.24	-156.87	1,814.52	151.21	692.10	630.59	61.51	11.252	
6,700.00	6,174.93	6,656.15	6,368.31	46.75	37.87	-156.90	1,845.97	153.89	704.68	642.17	62.50	11.274	
6,800.00	6,265.49	6,755.35	6,462.36	47.54	38.49	-156.92	1,877.42	156.58	717.25	653.75	63.50	11.296	
6,900.00	6,356.06	6,854.56	6,556.41	48.32	39.12	-156.95	1,908.87	159.26	729.82	665.33	64.49	11.317	
7,000.00	6,446.63	6,953.77	6,650.46	49.10	39.74	-156.97	1,940.32	161.95	742.40	676.91	65.49	11.337	
7,100.00	6,537.19	7,052.97	6,744.51	49.88	40.37	-156.99	1,971.77	164.63	754.97	688.49	66.48	11.356	
7,200.00	6,627.76	7,152.18	6,838.56	50.67	40.99	-157.02	2,003.22	167.32	767.55	700.07	67.47	11.375	
7,300.00	6,718.33	7,251.38	6,932.61	51.45	41.62	-157.04	2,034.67	170.00	780.12	711.65	68.47	11.394	
7,400.00	6,808.90	7,350.59	7,026.66	52.23	42.24	-157.06	2,066.12	172.69	792.70	723.23	69.46	11.412	
7,500.00	6,899.46	7,449.80	7,120.71	53.01	42.87	-157.08	2,097.57	175.37	805.27	734.81	70.46	11.429	
7,600.00	6,990.03	7,548.99	7,214.76	53.79	43.50	-157.10	2,129.02	178.05	817.84	746.41	71.46	11.446	
7,700.00	7,080.60	7,648.18	7,308.81	54.57	44.13	-157.12	2,160.47	180.73	830.41	758.01	72.46	11.463	
7,743.09	7,119.63	7,687.21	7,347.84	54.92	44.63	-157.13	2,174.21	181.88	836.15	763.75	72.91	11.471	
7,750.00	7,125.88	7,693.46	7,354.09	54.97	44.67	-157.14	2,177.79	182.03	837.73	765.33	73.07	11.475	
7,800.00	7,171.32	7,739.90	7,399.53	55.35	44.88	-157.16	2,209.24	184.71	850.28	777.88	74.07	11.492	
7,850.00	7,216.74	7,785.32	7,445.95	55.71	45.09	-157.18	2,240.69	187.39	862.83	790.43	75.07	11.509	
7,900.00	7,262.19	7,830.74	7,492.37	56.07	45.30	-157.20	2,272.14	190.07	875.38	802.98	76.07	11.526	
7,950.00	7,306.14	7,876.16	7,538.79	56.43	45.51	-157.22	2,303.59	192.75	887.93	815.53	77.07	11.543	
8,000.00	7,349.44	7,921.58	7,585.21	56.79	45.72	-157.24	2,335.04	195.43	900.48	828.08	78.07	11.560	
8,027.63	7,372.79	7,944.93	7,608.56	56.80	46.70	-134.95	2,256.19	565.07	736.05	666.56	69.49	10.592	
8,050.00	7,391.36	7,968.00	7,631.62	56.92	46.69	-132.26	2,256.06	562.84	736.35	666.62	69.73	10.560	
8,100.00	7,431.59	8,008.22	7,671.85	57.16	46.66	-126.63	2,255.62	555.62	739.17	669.08	70.09	10.546	
8,150.00	7,469.82	8,048.44	7,712.07	57.37	46.62	-121.45	2,254.97	545.94	744.81	674.57	70.25	10.603	
8,200.00	7,505.76	8,088.66	7,757.29	57.55	46.58	-116.78	2,254.29	536.62	750.45	680.11	70.41	10.660	
8,250.00	7,539.14	8,128.88	7,802.51	57.71	46.51	-112.03	2,253.06	521.50	756.49	685.65	70.57	10.717	
8,300.00	7,569.69	8,169.10	7,847.73	57.84	46.44	-107.67	2,251.77	507.53	762.53	691.19	70.73	10.774	
8,350.00	7,597.20	8,209.32	7,892.95	57.96	46.37	-103.39	2,250.07	491.09	768.57	696.73	70.89	10.831	
8,400.00	7,621.44	8,249.54	7,938.17	58.04	46.30	-99.56	2,248.51	477.52	774.61	702.27	71.05	10.888	
8,450.00	7,642.24	8,289.76	7,983.39	58.11	46.22	-95.81	2,246.52	461.86	780.65	707.81	71.21	10.945	
8,500.00	7,659.43	8,329.98	8,028.61	58.16	46.15	-92.40	2,244.52	447.52	786.69	713.35	71.37	11.002	
8,550.00	7,672.90	8,369.20	8,073.83	58.19	46.06	-89.04	2,241.81	430.01	792.73	718.89	71.53	11.059	
8,600.00	7,682.52	8,409.42	8,119.05	58.20	45.93	-85.60	2,237.66	406.24	798.77	724.43	71.69	11.116	
8,650.00	7,688.23	8,449.64	8,164.27	58.19	45.93	-83.80	2,237.66	406.24	804.81	730.07	71.85	11.173	
8,697.19	7,690.00	8,489.86	8,209.49	58.18	45.79	-81.13	2,233.09	383.37	810.85	735.61	72.01	11.230	
8,700.00	7,690.00	8,529.08	8,254.71	58.17	45.79	-81.09	2,232.90	382.49	816.89	741.15	72.17	11.287	
8,800.00	7,690.00	8,569.30	8,299.93	58.15	45.61	-79.56	2,226.29	354.08	822.93	746.69	72.33	11.344	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,900.00	7,690.00	7,900.00	7,512.16	58.17	45.46	-78.24	2,220.28	331.78	983.92	909.17	74.75	13.163		
9,000.00	7,690.00	7,867.86	7,489.05	58.24	45.30	-76.87	2,213.72	310.44	1,031.84	955.45	76.39	13.507		
9,100.00	7,690.00	7,850.00	7,475.74	58.37	45.21	-76.10	2,209.88	299.17	1,085.28	1,006.71	78.57	13.812		
9,200.00	7,690.00	7,817.44	7,450.65	58.56	45.04	-74.68	2,202.54	279.75	1,143.49	1,063.62	79.87	14.317		
9,300.00	7,690.00	7,800.00	7,436.81	58.83	44.95	-73.92	2,198.45	269.97	1,206.21	1,124.58	81.63	14.776		
9,400.00	7,690.00	7,777.15	7,418.27	59.19	44.83	-72.91	2,192.90	257.83	1,272.82	1,189.85	82.96	15.342		
9,500.00	7,690.00	7,750.00	7,395.67	59.66	44.68	-71.72	2,186.07	244.42	1,343.01	1,259.05	83.96	15.996		
9,600.00	7,690.00	7,750.00	7,395.67	60.26	44.68	-71.72	2,186.07	244.42	1,416.05	1,330.34	85.71	16.522		
9,700.00	7,690.00	7,730.50	7,379.10	61.01	44.57	-70.87	2,181.00	235.48	1,491.79	1,405.18	86.62	17.223		
9,800.00	7,690.00	7,700.00	7,352.64	61.93	44.40	-69.55	2,172.83	222.70	1,570.26	1,483.18	87.08	18.032		
9,900.00	7,690.00	7,700.00	7,352.64	63.01	44.40	-69.55	2,172.83	222.70	1,650.12	1,561.84	88.28	18.692		
10,000.00	7,690.00	7,700.00	7,352.64	64.27	44.40	-69.55	2,172.83	222.70	1,732.07	1,642.77	89.31	19.394		
10,100.00	7,690.00	7,700.00	7,352.64	65.70	44.40	-69.55	2,172.83	222.70	1,815.84	1,725.64	90.20	20.132		
10,200.00	7,690.00	7,676.62	7,331.97	67.27	44.26	-68.56	2,166.38	213.90	1,900.58	1,810.11	90.47	21.008		
10,300.00	7,690.00	7,650.00	7,308.05	68.97	44.11	-67.44	2,158.85	204.98	1,987.16	1,896.52	90.63	21.925		
10,400.00	7,690.00	7,650.00	7,308.05	70.79	44.11	-67.44	2,158.85	204.98	2,074.24	1,982.96	91.27	22.726		
10,500.00	7,690.00	7,650.00	7,308.05	72.70	44.11	-67.44	2,158.85	204.98	2,162.43	2,070.60	91.83	23.548		
10,600.00	7,690.00	7,650.00	7,308.05	74.69	44.11	-67.44	2,158.85	204.98	2,251.62	2,159.29	92.32	24.388		
10,700.00	7,690.00	7,650.00	7,308.05	76.74	44.11	-67.44	2,158.85	204.98	2,341.68	2,248.92	92.76	25.245		
10,800.00	7,690.00	7,650.00	7,308.05	78.86	44.11	-67.44	2,158.85	204.98	2,432.51	2,339.37	93.14	26.116		
10,900.00	7,690.00	7,629.30	7,289.21	81.03	43.98	-66.58	2,152.87	198.84	2,523.59	2,430.41	93.18	27.082		
11,000.00	7,690.00	7,624.20	7,284.54	83.24	43.95	-66.37	2,151.38	197.44	2,615.50	2,522.07	93.43	27.995		
11,100.00	7,690.00	7,600.00	7,262.23	85.49	43.81	-65.40	2,144.22	191.39	2,708.32	2,614.93	93.39	28.999		
11,200.00	7,690.00	7,600.00	7,262.23	87.77	43.81	-65.40	2,144.22	191.39	2,801.06	2,707.40	93.66	29.906		
11,300.00	7,690.00	7,600.00	7,262.23	90.09	43.81	-65.40	2,144.22	191.39	2,894.29	2,800.38	93.91	30.821		
11,400.00	7,690.00	7,600.00	7,262.23	92.43	43.81	-65.40	2,144.22	191.39	2,987.96	2,893.83	94.13	31.744		
11,500.00	7,690.00	7,600.00	7,262.23	94.79	43.81	-65.40	2,144.22	191.39	3,082.02	2,987.69	94.33	32.674		
11,600.00	7,690.00	7,600.00	7,262.23	97.17	43.81	-65.40	2,144.22	191.39	3,176.45	3,081.94	94.51	33.610		
11,700.00	7,690.00	7,600.00	7,262.23	99.57	43.81	-65.40	2,144.22	191.39	3,271.21	3,176.53	94.68	34.551		
11,800.00	7,690.00	7,600.00	7,262.23	101.99	43.81	-65.40	2,144.22	191.39	3,366.27	3,271.44	94.83	35.498		
11,900.00	7,690.00	7,600.00	7,262.23	104.43	43.81	-65.40	2,144.22	191.39	3,461.61	3,366.64	94.97	36.450		
12,000.00	7,690.00	7,600.00	7,262.23	106.88	43.81	-65.40	2,144.22	191.39	3,557.21	3,462.11	95.10	37.405		
12,100.00	7,690.00	7,600.00	7,262.23	109.34	43.81	-65.40	2,144.22	191.39	3,653.04	3,557.82	95.22	38.365		
12,200.00	7,690.00	7,600.00	7,262.23	111.81	43.81	-65.40	2,144.22	191.39	3,749.09	3,653.76	95.33	39.327		
12,300.00	7,690.00	7,600.00	7,262.23	114.30	43.81	-65.40	2,144.22	191.39	3,845.34	3,749.90	95.43	40.293		
12,400.00	7,690.00	7,576.02	7,239.92	116.79	43.66	-64.45	2,137.01	186.37	3,941.21	3,845.89	95.32	41.349		
12,500.00	7,690.00	7,573.69	7,237.73	119.30	43.64	-64.36	2,136.30	185.93	4,037.70	3,942.31	95.39	42.328		
12,600.00	7,690.00	7,550.00	7,215.52	121.81	43.50	-63.45	2,129.06	182.04	4,134.81	4,039.53	95.28	43.399		
12,700.00	7,690.00	7,550.00	7,215.52	124.33	43.50	-63.45	2,129.06	182.04	4,231.52	4,136.16	95.36	44.373		
12,800.00	7,690.00	7,550.00	7,215.52	126.86	43.50	-63.45	2,129.06	182.04	4,328.38	4,232.93	95.45	45.349		
12,900.00	7,690.00	7,550.00	7,215.52	129.40	43.50	-63.45	2,129.06	182.04	4,425.38	4,329.86	95.53	46.326		
13,000.00	7,690.00	7,550.00	7,215.52	131.94	43.50	-63.45	2,129.06	182.04	4,522.51	4,426.91	95.60	47.306		
13,100.00	7,690.00	7,550.00	7,215.52	134.49	43.50	-63.45	2,129.06	182.04	4,619.77	4,524.09	95.67	48.287		
13,200.00	7,690.00	7,550.00	7,215.52	137.05	43.50	-63.45	2,129.06	182.04	4,717.14	4,621.40	95.74	49.270		
13,300.00	7,690.00	7,550.00	7,215.52	139.61	43.50	-63.45	2,129.06	182.04	4,814.61	4,718.81	95.81	50.253		
13,400.00	7,690.00	7,550.00	7,215.52	142.18	43.50	-63.45	2,129.06	182.04	4,912.19	4,816.32	95.87	51.238		
13,500.00	7,690.00	7,550.00	7,215.52	144.75	43.50	-63.45	2,129.06	182.04	5,009.86	4,913.93	95.93	52.224		
13,600.00	7,690.00	7,550.00	7,215.52	147.33	43.50	-63.45	2,129.06	182.04	5,107.63	5,011.64	95.99	53.211		
13,700.00	7,690.00	7,550.00	7,215.52	149.91	43.50	-63.45	2,129.06	182.04	5,205.48	5,109.43	96.04	54.199		
13,800.00	7,690.00	7,550.00	7,215.52	152.49	43.50	-63.45	2,129.06	182.04	5,303.41	5,207.31	96.10	55.187		
13,900.00	7,690.00	7,550.00	7,215.52	155.08	43.50	-63.45	2,129.06	182.04	5,401.41	5,305.26	96.15	56.176		
14,000.00	7,690.00	7,550.00	7,215.52	157.67	43.50	-63.45	2,129.06	182.04	5,499.49	5,403.28	96.20	57.165		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,100.00	7,690.00	7,550.00	7,215.52	160.27	43.50	-63.45	2,129.06	182.04	5,597.63	5,501.38	96.25	58.155		
14,200.00	7,690.00	7,550.00	7,215.52	162.87	43.50	-63.45	2,129.06	182.04	5,695.84	5,599.54	96.30	59.144		
14,300.00	7,690.00	7,550.00	7,215.52	165.47	43.50	-63.45	2,129.06	182.04	5,794.11	5,697.76	96.35	60.135		
14,400.00	7,690.00	7,550.00	7,215.52	168.08	43.50	-63.45	2,129.06	182.04	5,892.44	5,796.04	96.40	61.125		
14,500.00	7,690.00	7,550.00	7,215.52	170.69	43.50	-63.45	2,129.06	182.04	5,990.82	5,894.38	96.45	62.116		
14,600.00	7,690.00	7,550.00	7,215.52	173.30	43.50	-63.45	2,129.06	182.04	6,089.26	5,992.77	96.49	63.106		
14,700.00	7,690.00	7,550.00	7,215.52	175.91	43.50	-63.45	2,129.06	182.04	6,187.75	6,091.21	96.54	64.097		
14,800.00	7,690.00	7,550.00	7,215.52	178.53	43.50	-63.45	2,129.06	182.04	6,286.28	6,189.70	96.58	65.087		
14,900.00	7,690.00	7,550.00	7,215.52	181.15	43.50	-63.45	2,129.06	182.04	6,384.86	6,288.24	96.63	66.078		
15,000.00	7,690.00	7,550.00	7,215.52	183.77	43.50	-63.45	2,129.06	182.04	6,483.49	6,386.82	96.67	67.068		
15,100.00	7,690.00	7,550.00	7,215.52	186.39	43.50	-63.45	2,129.06	182.04	6,582.15	6,485.44	96.71	68.058		
15,200.00	7,690.00	7,550.00	7,215.52	189.02	43.50	-63.45	2,129.06	182.04	6,680.86	6,584.10	96.76	69.047		
15,300.00	7,690.00	7,550.00	7,215.52	191.65	43.50	-63.45	2,129.06	182.04	6,779.60	6,682.80	96.80	70.037		
15,400.00	7,690.00	7,550.00	7,215.52	194.27	43.50	-63.45	2,129.06	182.04	6,878.38	6,781.53	96.84	71.026		
15,500.00	7,690.00	7,550.00	7,215.52	196.91	43.50	-63.45	2,129.06	182.04	6,977.19	6,880.31	96.89	72.014		
15,600.00	7,690.00	7,550.00	7,215.52	199.54	43.50	-63.45	2,129.06	182.04	7,076.04	6,979.11	96.93	73.003		
15,700.00	7,690.00	7,550.00	7,215.52	202.17	43.50	-63.45	2,129.06	182.04	7,174.92	7,077.95	96.97	73.990		
15,800.00	7,690.00	7,550.00	7,215.52	204.81	43.50	-63.45	2,129.06	182.04	7,273.83	7,176.81	97.01	74.977		
15,900.00	7,690.00	7,550.00	7,215.52	207.45	43.50	-63.45	2,129.06	182.04	7,372.77	7,275.71	97.06	75.964		
16,000.00	7,690.00	7,550.00	7,215.52	210.09	43.50	-63.45	2,129.06	182.04	7,471.73	7,374.64	97.10	76.950		
16,100.00	7,690.00	7,550.00	7,215.52	212.73	43.50	-63.45	2,129.06	182.04	7,570.73	7,473.59	97.14	77.935		
16,200.00	7,690.00	7,526.63	7,193.49	215.37	43.35	-62.58	2,121.82	179.14	7,669.24	7,572.20	97.04	79.030		
16,300.00	7,690.00	7,525.93	7,192.84	218.02	43.35	-62.55	2,121.60	179.07	7,768.25	7,671.17	97.08	80.018		
16,400.00	7,690.00	7,525.25	7,192.19	220.66	43.34	-62.53	2,121.39	179.00	7,867.29	7,770.17	97.12	81.006		
16,500.00	7,690.00	7,524.59	7,191.57	223.31	43.34	-62.50	2,121.18	178.93	7,966.36	7,869.20	97.16	81.992		
16,600.00	7,690.00	7,523.94	7,190.95	225.95	43.33	-62.48	2,120.98	178.87	8,065.44	7,968.24	97.20	82.978		
16,700.00	7,690.00	7,500.00	7,168.30	228.60	43.18	-61.61	2,113.47	177.00	8,165.05	8,067.95	97.10	84.087		
16,800.00	7,690.00	7,500.00	7,168.30	231.25	43.18	-61.61	2,113.47	177.00	8,264.15	8,167.01	97.15	85.069		
16,900.00	7,690.00	7,500.00	7,168.30	233.90	43.18	-61.61	2,113.47	177.00	8,363.28	8,266.08	97.19	86.050		
17,000.00	7,690.00	7,500.00	7,168.30	236.56	43.18	-61.61	2,113.47	177.00	8,462.42	8,365.18	97.24	87.030		
17,100.00	7,690.00	7,500.00	7,168.30	239.21	43.18	-61.61	2,113.47	177.00	8,561.58	8,464.30	97.28	88.009		
17,200.00	7,690.00	7,500.00	7,168.30	241.86	43.18	-61.61	2,113.47	177.00	8,660.76	8,563.44	97.33	88.987		
17,300.00	7,690.00	7,500.00	7,168.30	244.52	43.18	-61.61	2,113.47	177.00	8,759.96	8,662.59	97.37	89.964		
17,400.00	7,690.00	7,500.00	7,168.30	247.17	43.18	-61.61	2,113.47	177.00	8,859.18	8,761.76	97.42	90.941		
17,500.00	7,690.00	7,500.00	7,168.30	249.83	43.18	-61.61	2,113.47	177.00	8,958.41	8,860.95	97.46	91.916		
17,600.00	7,690.00	7,500.00	7,168.30	252.49	43.18	-61.61	2,113.47	177.00	9,057.67	8,960.16	97.51	92.891		
17,700.00	7,690.00	7,500.00	7,168.30	255.15	43.18	-61.61	2,113.47	177.00	9,156.94	9,059.38	97.56	93.864		
17,800.00	7,690.00	7,500.00	7,168.30	257.81	43.18	-61.61	2,113.47	177.00	9,256.22	9,158.62	97.60	94.837		
17,900.00	7,690.00	7,500.00	7,168.30	260.47	43.18	-61.61	2,113.47	177.00	9,355.52	9,257.87	97.65	95.808		
18,000.00	7,690.00	7,500.00	7,168.30	263.13	43.18	-61.61	2,113.47	177.00	9,454.83	9,357.14	97.70	96.778		
18,100.00	7,690.00	7,500.00	7,168.30	265.79	43.18	-61.61	2,113.47	177.00	9,554.16	9,456.42	97.74	97.747		
18,200.00	7,690.00	7,500.00	7,168.30	268.45	43.18	-61.61	2,113.47	177.00	9,653.51	9,555.71	97.79	98.716		
18,300.00	7,690.00	7,500.00	7,168.30	271.11	43.18	-61.61	2,113.47	177.00	9,752.86	9,655.02	97.84	99.683		
18,400.00	7,690.00	7,500.00	7,168.30	273.78	43.18	-61.61	2,113.47	177.00	9,852.23	9,754.34	97.89	100.648		
18,500.00	7,690.00	7,500.00	7,168.30	276.44	43.18	-61.61	2,113.47	177.00	9,951.61	9,853.68	97.94	101.613		
18,602.86	7,690.00	7,500.00	7,168.30	279.18	43.18	-61.61	2,113.47	177.00	10,053.85	9,955.87	97.99	102.604		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	1.00	1.00	0.00	0.00	-0.80	20.03	-0.28	20.04					
100.00	100.00	101.00	101.00	0.27	0.27	-0.80	20.03	-0.28	20.04	19.50	0.54	37.017		
200.00	200.00	201.00	201.00	0.63	0.63	-0.80	20.03	-0.28	20.04	18.78	1.26	15.925		
300.00	300.00	301.00	301.00	0.99	0.99	-0.80	20.03	-0.28	20.04	18.06	1.98	10.144		
400.00	399.98	400.98	400.98	1.34	1.35	-15.42	20.03	-0.28	18.35	15.66	2.69	6.814		
500.00	499.84	500.84	500.84	1.71	1.71	-21.43	20.03	-0.28	13.38	9.96	3.41	3.918		
600.00	599.45	600.45	600.45	2.07	2.06	-52.66	20.03	-0.28	6.15	2.01	4.14	1.486	Level 3	
633.88	633.12	634.12	634.12	2.20	2.18	-90.00	20.03	-0.28	4.88	0.49	4.38	1.113	Level 2, CC, ES, SF	
700.00	698.70	699.70	699.70	2.45	2.42	-149.76	20.03	-0.28	9.75	4.89	4.86	2.006		
800.00	797.47	798.47	798.47	2.85	2.77	-168.38	20.03	-0.28	24.58	18.99	5.58	4.403		
900.00	895.62	896.62	896.62	3.28	3.12	-173.41	20.03	-0.28	43.44	37.14	6.30	6.891		
1,000.00	993.06	996.20	996.18	3.73	3.48	-175.41	21.63	-0.06	64.29	57.26	7.03	9.143		
1,100.00	1,089.64	1,096.57	1,096.41	4.23	3.84	-176.21	26.71	0.65	85.21	77.44	7.76	10.976		
1,200.00	1,185.27	1,197.69	1,197.15	4.75	4.21	-176.51	35.34	1.85	106.14	97.64	8.50	12.490		
1,300.00	1,279.82	1,299.57	1,298.28	5.33	4.58	-176.55	47.59	3.56	127.06	117.82	9.24	13.752		
1,400.00	1,373.17	1,402.24	1,399.67	5.94	4.97	-176.44	63.53	5.78	147.94	137.95	9.99	14.813		
1,500.00	1,465.21	1,505.70	1,501.20	6.60	5.38	-176.24	83.22	8.52	168.75	158.00	10.74	15.709		
1,554.30	1,514.61	1,560.72	1,554.90	6.98	5.61	-176.11	95.08	10.17	180.10	168.94	11.16	16.137		
1,600.00	1,556.00	1,605.35	1,598.42	7.30	5.79	-176.02	104.84	11.53	189.94	178.42	11.52	16.490		
1,700.00	1,646.56	1,703.00	1,693.67	8.03	6.22	-175.87	126.21	14.51	211.46	199.16	12.30	17.188		
1,800.00	1,737.13	1,800.66	1,788.91	8.76	6.65	-175.74	147.57	17.48	232.99	219.89	13.09	17.792		
1,900.00	1,827.70	1,898.31	1,884.15	9.50	7.09	-175.64	168.93	20.46	254.52	240.62	13.89	18.319		
2,000.00	1,918.27	1,995.97	1,979.39	10.25	7.53	-175.55	190.30	23.43	276.04	261.35	14.70	18.781		
2,100.00	2,008.83	2,093.62	2,074.63	11.00	7.98	-175.48	211.66	26.41	297.57	282.07	15.51	19.190		
2,200.00	2,099.40	2,191.27	2,169.88	11.76	8.44	-175.41	233.03	29.38	319.10	302.78	16.32	19.553		
2,300.00	2,189.97	2,288.93	2,265.12	12.52	8.90	-175.35	254.39	32.36	340.63	323.49	17.14	19.878		
2,400.00	2,280.53	2,386.58	2,360.36	13.28	9.37	-175.30	275.76	35.33	362.16	344.20	17.96	20.170		
2,500.00	2,371.10	2,484.24	2,455.60	14.05	9.83	-175.26	297.12	38.31	383.69	364.91	18.78	20.434		
2,600.00	2,461.67	2,581.89	2,550.85	14.81	10.30	-175.22	318.48	41.29	405.22	385.62	19.60	20.674		
2,700.00	2,552.24	2,679.55	2,646.09	15.58	10.78	-175.18	339.85	44.26	426.75	406.32	20.43	20.892		
2,800.00	2,642.80	2,777.20	2,741.33	16.35	11.25	-175.15	361.21	47.24	448.28	427.03	21.25	21.092		
2,900.00	2,733.37	2,874.86	2,836.57	17.13	11.73	-175.12	382.58	50.21	469.81	447.73	22.08	21.275		
3,000.00	2,823.94	2,972.51	2,931.82	17.90	12.20	-175.09	403.94	53.19	491.34	468.43	22.91	21.443		
3,100.00	2,914.51	3,070.16	3,027.06	18.67	12.68	-175.07	425.31	56.16	512.87	489.13	23.75	21.599		
3,200.00	3,005.07	3,167.82	3,122.30	19.45	13.16	-175.05	446.67	59.14	534.40	509.82	24.58	21.743		
3,300.00	3,095.64	3,265.47	3,217.54	20.22	13.64	-175.03	468.03	62.11	555.93	530.52	25.41	21.877		
3,400.00	3,186.21	3,363.13	3,312.79	21.00	14.13	-175.01	489.40	65.09	577.46	551.22	26.25	22.002		
3,500.00	3,276.77	3,460.78	3,408.03	21.77	14.61	-174.99	510.76	68.07	598.99	571.91	27.08	22.118		
3,600.00	3,367.34	3,558.44	3,503.27	22.55	15.09	-174.97	532.13	71.04	620.53	592.61	27.92	22.226		
3,700.00	3,457.91	3,656.09	3,598.51	23.33	15.58	-174.96	553.49	74.02	642.06	613.30	28.76	22.328		
3,800.00	3,548.48	3,753.75	3,693.75	24.11	16.06	-174.94	574.86	76.99	663.59	633.99	29.59	22.424		
3,900.00	3,639.04	3,851.40	3,789.00	24.88	16.55	-174.93	596.22	79.97	685.12	654.69	30.43	22.514		
4,000.00	3,729.61	3,949.05	3,884.24	25.66	17.03	-174.92	617.58	82.94	706.65	675.38	31.27	22.598		
4,100.00	3,820.18	4,046.71	3,979.48	26.44	17.52	-174.90	638.95	85.92	728.18	696.07	32.11	22.678		
4,200.00	3,910.74	4,144.36	4,074.72	27.22	18.01	-174.89	660.31	88.89	749.71	716.76	32.95	22.754		
4,300.00	4,001.31	4,242.02	4,169.97	28.00	18.50	-174.88	681.68	91.87	771.24	737.45	33.79	22.825		
4,400.00	4,091.88	4,339.67	4,265.21	28.78	18.98	-174.87	703.04	94.85	792.77	758.14	34.63	22.893		
4,500.00	4,182.45	4,437.33	4,360.45	29.56	19.47	-174.86	724.41	97.82	814.30	778.83	35.47	22.957		
4,600.00	4,273.01	4,534.98	4,455.69	30.34	19.96	-174.85	745.77	100.80	835.84	799.52	36.31	23.018		
4,700.00	4,363.58	4,632.64	4,550.94	31.12	20.45	-174.84	767.13	103.77	857.37	820.21	37.15	23.077		
4,800.00	4,454.15	4,730.29	4,646.18	31.90	20.94	-174.84	788.50	106.75	878.90	840.90	38.00	23.132		
4,900.00	4,544.72	4,827.94	4,741.42	32.68	21.43	-174.83	809.86	109.72	900.43	861.59	38.84	23.185		

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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Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,635.28	4,925.60	4,836.66	33.46	21.92	-174.82	831.23	112.70	921.96	882.28	39.68	23.235		
5,100.00	4,725.85	5,023.25	4,931.91	34.24	22.41	-174.81	852.59	115.67	943.49	902.97	40.52	23.283		
5,200.00	4,816.42	5,120.91	5,027.15	35.02	22.90	-174.81	873.96	118.65	965.02	923.66	41.37	23.329		
5,300.00	4,906.98	5,218.56	5,122.39	35.81	23.39	-174.80	895.32	121.63	986.55	944.35	42.21	23.373		
5,400.00	4,997.55	5,316.22	5,217.63	36.59	23.88	-174.79	916.68	124.60	1,008.09	965.03	43.05	23.416		
5,500.00	5,088.12	5,413.87	5,312.87	37.37	24.37	-174.79	938.05	127.58	1,029.62	985.72	43.90	23.456		
5,600.00	5,178.69	5,511.53	5,408.12	38.15	24.86	-174.78	959.41	130.55	1,051.15	1,006.41	44.74	23.495		
5,700.00	5,269.25	5,609.18	5,503.36	38.93	25.35	-174.78	980.78	133.53	1,072.68	1,027.10	45.58	23.532		
5,800.00	5,359.82	5,706.83	5,598.60	39.71	25.84	-174.77	1,002.14	136.50	1,094.21	1,047.78	46.43	23.568		
5,900.00	5,450.39	5,804.49	5,693.84	40.50	26.33	-174.77	1,023.51	139.48	1,115.74	1,068.47	47.27	23.602		
6,000.00	5,540.95	5,902.14	5,789.09	41.28	26.83	-174.76	1,044.87	142.45	1,137.27	1,089.16	48.12	23.636		
6,100.00	5,631.52	5,999.80	5,884.33	42.06	27.32	-174.76	1,066.23	145.43	1,158.81	1,109.84	48.96	23.668		
6,200.00	5,722.09	6,097.45	5,979.57	42.84	27.81	-174.75	1,087.60	148.41	1,180.34	1,130.53	49.81	23.698		
6,300.00	5,812.66	6,195.11	6,074.81	43.62	28.30	-174.75	1,108.96	151.38	1,201.87	1,151.22	50.65	23.728		
6,400.00	5,903.22	6,292.76	6,170.06	44.41	28.79	-174.74	1,130.33	154.36	1,223.40	1,171.90	51.50	23.757		
6,500.00	5,993.79	6,390.42	6,265.30	45.19	29.29	-174.74	1,151.69	157.33	1,244.93	1,192.59	52.34	23.784		
6,600.00	6,084.36	6,488.07	6,360.54	45.97	29.78	-174.74	1,173.06	160.31	1,266.46	1,213.28	53.19	23.811		
6,700.00	6,174.93	6,585.72	6,455.78	46.75	30.27	-174.73	1,194.42	163.28	1,287.99	1,233.96	54.03	23.837		
6,800.00	6,265.49	6,683.38	6,551.03	47.54	30.76	-174.73	1,215.78	166.26	1,309.53	1,254.65	54.88	23.862		
6,900.00	6,356.06	6,781.03	6,646.27	48.32	31.25	-174.73	1,237.15	169.23	1,331.06	1,275.33	55.73	23.886		
7,000.00	6,446.63	6,878.69	6,741.51	49.10	31.75	-174.72	1,258.51	172.21	1,352.59	1,296.02	56.57	23.909		
7,100.00	6,537.19	6,976.34	6,836.75	49.88	32.24	-174.72	1,279.88	175.19	1,374.12	1,316.70	57.42	23.932		
7,200.00	6,627.76	7,074.00	6,931.99	50.67	32.73	-174.72	1,301.24	178.16	1,395.65	1,337.39	58.26	23.954		
7,300.00	6,718.33	7,171.65	7,027.24	51.45	33.22	-174.71	1,322.61	181.14	1,417.18	1,358.07	59.11	23.975		
7,400.00	6,808.90	7,269.31	7,122.48	52.23	33.72	-174.71	1,343.97	184.11	1,438.71	1,378.76	59.96	23.996		
7,500.00	6,899.46	7,367.71	7,218.35	53.01	34.21	-174.70	1,365.33	187.08	1,459.24	1,399.23	60.80	24.016		
7,600.00	6,990.03	7,466.28	7,319.18	53.80	34.70	-174.69	1,386.69	190.05	1,479.71	1,419.70	61.64	24.036		
7,700.00	7,080.60	7,564.85	7,420.01	54.58	35.19	-174.68	1,408.05	193.02	1,500.18	1,440.17	62.48	24.056		
7,743.09	7,119.63	7,599.55	7,459.13	54.92	35.53	-174.67	1,420.41	195.99	1,512.54	1,452.53	62.82	24.075		
7,750.00	7,125.88	7,604.69	7,464.05	54.97	35.58	-174.66	1,423.78	196.96	1,515.91	1,455.90	62.87	24.079		
7,800.00	7,171.32	7,650.13	7,509.49	55.35	35.97	-174.65	1,440.15	200.93	1,532.28	1,472.20	63.71	24.099		
7,850.00	7,216.74	7,695.55	7,554.91	55.71	36.36	-174.64	1,456.52	204.90	1,548.68	1,488.58	64.55	24.119		
7,900.00	7,262.17	7,740.97	7,600.33	56.07	36.75	-174.63	1,472.89	208.87	1,564.97	1,504.87	65.39	24.139		
7,950.00	7,307.60	7,786.39	7,645.75	56.43	37.14	-174.62	1,489.26	212.84	1,581.26	1,521.16	66.23	24.159		
8,000.00	7,353.03	7,831.81	7,691.17	56.79	37.53	-174.61	1,505.63	216.81	1,597.55	1,537.45	67.07	24.179		
8,050.00	7,398.46	7,877.23	7,736.59	57.15	37.92	-174.60	1,521.99	220.78	1,613.84	1,553.74	67.91	24.199		
8,100.00	7,443.89	7,922.65	7,782.01	57.51	38.31	-174.59	1,538.36	224.75	1,630.23	1,569.93	68.75	24.219		
8,150.00	7,489.32	7,968.07	7,827.43	57.87	38.70	-174.58	1,554.73	228.72	1,646.62	1,586.12	69.59	24.239		
8,200.00	7,534.75	8,013.49	7,872.85	58.23	39.09	-174.57	1,571.10	232.69	1,662.91	1,602.31	70.43	24.259		
8,250.00	7,580.18	8,058.91	7,918.27	58.59	39.48	-174.56	1,587.47	236.66	1,679.20	1,618.50	71.27	24.279		
8,300.00	7,625.61	8,104.33	7,963.69	58.95	39.87	-174.55	1,603.84	240.63	1,695.59	1,634.69	72.11	24.299		
8,350.00	7,671.04	8,149.75	8,009.11	59.31	40.26	-174.54	1,620.21	244.60	1,711.98	1,650.88	72.95	24.319		
8,400.00	7,716.47	8,195.17	8,054.53	59.67	40.65	-174.53	1,636.58	248.57	1,728.37	1,667.07	73.79	24.339		
8,450.00	7,761.90	8,240.59	8,100.01	60.03	41.04	-174.52	1,652.95	252.54	1,744.76	1,683.26	74.63	24.359		
8,500.00	7,807.33	8,286.01	8,145.43	60.39	41.43	-174.51	1,669.32	256.51	1,761.15	1,699.45	75.47	24.379		
8,550.00	7,852.76	8,331.43	8,190.85	60.75	41.82	-174.50	1,685.69	260.48	1,777.54	1,715.64	76.31	24.399		
8,600.00	7,898.19	8,376.85	8,236.27	61.11	42.21	-174.49	1,702.06	264.45	1,793.93	1,731.83	77.15	24.419		
8,650.00	7,943.62	8,422.27	8,281.69	61.47	42.60	-174.48	1,718.43	268.42	1,810.32	1,748.02	77.99	24.439		
8,697.19	7,989.05	8,467.69	8,327.11	61.83	42.99	-174.47	1,734.80	272.39	1,826.71	1,764.21	78.83	24.459		
8,700.00	7,994.48	8,473.12	8,332.54	61.88	43.04	-174.46	1,737.24	273.34	1,829.15	1,766.65	78.88	24.463		
8,800.00	8,090.41	8,569.05	8,428.47	62.57	43.73	-174.45	1,760.11	279.21	1,852.02	1,789.52	79.72	24.483		
8,900.00	8,186.34	8,664.98	8,524.40	63.26	44.42	-174.44	1,782.98	285.08	1,874.89	1,812.39	80.56	24.503		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
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Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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

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Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,690.00	7,700.00	7,506.45	58.24	35.85	-83.63	1,426.30	335.26	1,753.36	1,684.32	69.04	25.396		
9,100.00	7,690.00	7,675.83	7,488.65	58.37	35.73	-83.04	1,422.73	319.30	1,787.07	1,717.07	70.01	25.527		
9,200.00	7,690.00	7,650.00	7,468.93	58.56	35.61	-82.38	1,418.73	303.12	1,824.75	1,753.81	70.94	25.721		
9,300.00	7,690.00	7,629.84	7,453.05	58.83	35.51	-81.86	1,415.48	291.13	1,866.28	1,794.28	72.00	25.919		
9,400.00	7,690.00	7,600.00	7,428.83	59.19	35.37	-81.08	1,410.48	274.43	1,911.59	1,838.76	72.83	26.246		
9,500.00	7,690.00	7,600.00	7,428.83	59.66	35.37	-81.08	1,410.48	274.43	1,960.32	1,886.07	74.25	26.402		
9,600.00	7,690.00	7,576.11	7,408.86	60.26	35.26	-80.43	1,406.32	262.01	2,012.39	1,937.26	75.12	26.788		
9,700.00	7,690.00	7,550.00	7,386.47	61.01	35.13	-79.72	1,401.63	249.42	2,067.76	1,991.84	75.91	27.239		
9,800.00	7,690.00	7,550.00	7,386.47	61.93	35.13	-79.72	1,401.63	249.42	2,125.87	2,048.74	77.12	27.564		
9,900.00	7,690.00	7,550.00	7,386.47	63.01	35.13	-79.72	1,401.63	249.42	2,187.01	2,108.76	78.25	27.949		
10,000.00	7,690.00	7,524.16	7,363.80	64.27	35.00	-79.00	1,396.83	238.00	2,250.36	2,171.49	78.88	28.531		
10,100.00	7,690.00	7,500.00	7,342.16	65.70	34.88	-78.32	1,392.23	228.28	2,316.43	2,236.95	79.48	29.145		
10,200.00	7,690.00	7,500.00	7,342.16	67.27	34.88	-78.32	1,392.23	228.28	2,384.40	2,304.00	80.40	29.657		
10,300.00	7,690.00	7,500.00	7,342.16	68.97	34.88	-78.32	1,392.23	228.28	2,454.55	2,373.31	81.24	30.212		
10,400.00	7,690.00	7,500.00	7,342.16	70.79	34.88	-78.32	1,392.23	228.28	2,526.72	2,444.70	82.02	30.807		
10,500.00	7,690.00	7,479.08	7,323.13	72.70	34.78	-77.74	1,388.15	220.62	2,600.34	2,517.88	82.46	31.534		
10,600.00	7,690.00	7,471.89	7,316.52	74.69	34.74	-77.53	1,386.73	218.15	2,675.72	2,592.68	83.04	32.223		
10,700.00	7,690.00	7,450.00	7,296.25	76.74	34.63	-76.91	1,382.36	211.16	2,752.79	2,669.40	83.39	33.010		
10,800.00	7,690.00	7,450.00	7,296.25	78.86	34.63	-76.91	1,382.36	211.16	2,830.89	2,746.92	83.96	33.715		
10,900.00	7,690.00	7,450.00	7,296.25	81.03	34.63	-76.91	1,382.36	211.16	2,910.33	2,825.84	84.49	34.447		
11,000.00	7,690.00	7,450.00	7,296.25	83.24	34.63	-76.91	1,382.36	211.16	2,991.00	2,906.03	84.97	35.201		
11,100.00	7,690.00	7,450.00	7,296.25	85.49	34.63	-76.91	1,382.36	211.16	3,072.81	2,987.40	85.41	35.977		
11,200.00	7,690.00	7,450.00	7,296.25	87.77	34.63	-76.91	1,382.36	211.16	3,155.67	3,069.85	85.82	36.773		
11,300.00	7,690.00	7,450.00	7,296.25	90.09	34.63	-76.91	1,382.36	211.16	3,239.49	3,153.30	86.19	37.586		
11,400.00	7,690.00	7,428.25	7,275.86	92.43	34.52	-76.30	1,377.94	205.00	3,323.77	3,237.42	86.35	38.493		
11,500.00	7,690.00	7,424.09	7,271.94	94.79	34.50	-76.18	1,377.08	203.92	3,409.13	3,322.50	86.64	39.349		
11,600.00	7,690.00	7,400.00	7,249.08	97.17	34.38	-75.50	1,372.09	198.20	3,495.62	3,408.88	86.75	40.297		
11,700.00	7,690.00	7,400.00	7,249.08	99.57	34.38	-75.50	1,372.09	198.20	3,582.30	3,495.27	87.03	41.161		
11,800.00	7,690.00	7,400.00	7,249.08	101.99	34.38	-75.50	1,372.09	198.20	3,669.65	3,582.36	87.30	42.037		
11,900.00	7,690.00	7,400.00	7,249.08	104.43	34.38	-75.50	1,372.09	198.20	3,757.64	3,670.10	87.54	42.925		
12,000.00	7,690.00	7,400.00	7,249.08	106.88	34.38	-75.50	1,372.09	198.20	3,846.21	3,758.45	87.77	43.822		
12,100.00	7,690.00	7,400.00	7,249.08	109.34	34.38	-75.50	1,372.09	198.20	3,935.33	3,847.35	87.98	44.730		
12,200.00	7,690.00	7,400.00	7,249.08	111.81	34.38	-75.50	1,372.09	198.20	4,024.97	3,936.79	88.18	45.646		
12,300.00	7,690.00	7,400.00	7,249.08	114.30	34.38	-75.50	1,372.09	198.20	4,115.08	4,026.71	88.36	46.570		
12,400.00	7,690.00	7,400.00	7,249.08	116.79	34.38	-75.50	1,372.09	198.20	4,205.63	4,117.10	88.53	47.503		
12,500.00	7,690.00	7,400.00	7,249.08	119.30	34.38	-75.50	1,372.09	198.20	4,296.61	4,207.91	88.70	48.442		
12,600.00	7,690.00	7,400.00	7,249.08	121.81	34.38	-75.50	1,372.09	198.20	4,387.98	4,299.13	88.85	49.388		
12,700.00	7,690.00	7,400.00	7,249.08	124.33	34.38	-75.50	1,372.09	198.20	4,479.71	4,390.72	88.99	50.339		
12,800.00	7,690.00	7,400.00	7,249.08	126.86	34.38	-75.50	1,372.09	198.20	4,571.80	4,482.67	89.12	51.297		
12,900.00	7,690.00	7,400.00	7,249.08	129.40	34.38	-75.50	1,372.09	198.20	4,664.21	4,574.96	89.25	52.260		
13,000.00	7,690.00	7,400.00	7,249.08	131.94	34.38	-75.50	1,372.09	198.20	4,756.92	4,667.55	89.37	53.227		
13,100.00	7,690.00	7,400.00	7,249.08	134.49	34.38	-75.50	1,372.09	198.20	4,849.93	4,760.45	89.48	54.199		
13,200.00	7,690.00	7,376.84	7,226.91	137.05	34.26	-74.84	1,367.22	193.63	4,942.71	4,853.23	89.48	55.240		
13,300.00	7,690.00	7,374.97	7,225.11	139.61	34.25	-74.79	1,366.83	193.30	5,036.16	4,946.59	89.57	56.224		
13,400.00	7,690.00	7,373.17	7,223.38	142.18	34.24	-74.74	1,366.45	192.99	5,129.86	5,040.19	89.66	57.212		
13,500.00	7,690.00	7,350.00	7,201.02	144.75	34.13	-74.09	1,361.51	189.49	5,224.21	5,134.56	89.65	58.272		
13,600.00	7,690.00	7,350.00	7,201.02	147.33	34.13	-74.09	1,361.51	189.49	5,318.28	5,228.54	89.74	59.260		
13,700.00	7,690.00	7,350.00	7,201.02	149.91	34.13	-74.09	1,361.51	189.49	5,412.57	5,322.73	89.83	60.251		
13,800.00	7,690.00	7,350.00	7,201.02	152.49	34.13	-74.09	1,361.51	189.49	5,507.06	5,417.14	89.92	61.245		
13,900.00	7,690.00	7,350.00	7,201.02	155.08	34.13	-74.09	1,361.51	189.49	5,601.73	5,511.73	90.00	62.241		
14,000.00	7,690.00	7,350.00	7,201.02	157.67	34.13	-74.09	1,361.51	189.49	5,696.60	5,606.52	90.08	63.240		
14,100.00	7,690.00	7,350.00	7,201.02	160.27	34.13	-74.09	1,361.51	189.49	5,791.63	5,701.48	90.15	64.241		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,200.00	7,690.00	7,350.00	7,201.02	162.87	34.13	-74.09	1,361.51	189.49	5,886.83	5,796.60	90.23	65.244		
14,300.00	7,690.00	7,350.00	7,201.02	165.47	34.13	-74.09	1,361.51	189.49	5,982.18	5,891.89	90.30	66.249		
14,400.00	7,690.00	7,350.00	7,201.02	168.08	34.13	-74.09	1,361.51	189.49	6,077.69	5,987.32	90.37	67.256		
14,500.00	7,690.00	7,350.00	7,201.02	170.69	34.13	-74.09	1,361.51	189.49	6,173.33	6,082.90	90.43	68.265		
14,600.00	7,690.00	7,350.00	7,201.02	173.30	34.13	-74.09	1,361.51	189.49	6,269.12	6,178.62	90.50	69.275		
14,700.00	7,690.00	7,350.00	7,201.02	175.91	34.13	-74.09	1,361.51	189.49	6,365.03	6,274.47	90.56	70.286		
14,800.00	7,690.00	7,350.00	7,201.02	178.53	34.13	-74.09	1,361.51	189.49	6,461.07	6,370.45	90.62	71.299		
14,900.00	7,690.00	7,350.00	7,201.02	181.15	34.13	-74.09	1,361.51	189.49	6,557.22	6,466.54	90.68	72.313		
15,000.00	7,690.00	7,350.00	7,201.02	183.77	34.13	-74.09	1,361.51	189.49	6,653.49	6,562.75	90.74	73.327		
15,100.00	7,690.00	7,350.00	7,201.02	186.39	34.13	-74.09	1,361.51	189.49	6,749.87	6,659.07	90.79	74.343		
15,200.00	7,690.00	7,350.00	7,201.02	189.02	34.13	-74.09	1,361.51	189.49	6,846.35	6,755.50	90.85	75.360		
15,300.00	7,690.00	7,350.00	7,201.02	191.65	34.13	-74.09	1,361.51	189.49	6,942.93	6,852.02	90.90	76.377		
15,400.00	7,690.00	7,350.00	7,201.02	194.27	34.13	-74.09	1,361.51	189.49	7,039.60	6,948.65	90.96	77.395		
15,500.00	7,690.00	7,350.00	7,201.02	196.91	34.13	-74.09	1,361.51	189.49	7,136.37	7,045.36	91.01	78.413		
15,600.00	7,690.00	7,350.00	7,201.02	199.54	34.13	-74.09	1,361.51	189.49	7,233.23	7,142.16	91.06	79.432		
15,700.00	7,690.00	7,350.00	7,201.02	202.17	34.13	-74.09	1,361.51	189.49	7,330.17	7,239.05	91.11	80.452		
15,800.00	7,690.00	7,350.00	7,201.02	204.81	34.13	-74.09	1,361.51	189.49	7,427.19	7,336.02	91.16	81.471		
15,900.00	7,690.00	7,350.00	7,201.02	207.45	34.13	-74.09	1,361.51	189.49	7,524.29	7,433.07	91.21	82.491		
16,000.00	7,690.00	7,350.00	7,201.02	210.09	34.13	-74.09	1,361.51	189.49	7,621.46	7,530.20	91.26	83.511		
16,100.00	7,690.00	7,350.00	7,201.02	212.73	34.13	-74.09	1,361.51	189.49	7,718.71	7,627.39	91.31	84.532		
16,200.00	7,690.00	7,350.00	7,201.02	215.37	34.13	-74.09	1,361.51	189.49	7,816.02	7,724.66	91.36	85.552		
16,300.00	7,690.00	7,350.00	7,201.02	218.02	34.13	-74.09	1,361.51	189.49	7,913.40	7,822.00	91.41	86.572		
16,400.00	7,690.00	7,350.00	7,201.02	220.66	34.13	-74.09	1,361.51	189.49	8,010.85	7,919.40	91.46	87.593		
16,500.00	7,690.00	7,350.00	7,201.02	223.31	34.13	-74.09	1,361.51	189.49	8,108.36	8,016.86	91.50	88.613		
16,600.00	7,690.00	7,350.00	7,201.02	225.95	34.13	-74.09	1,361.51	189.49	8,205.93	8,114.38	91.55	89.633		
16,700.00	7,690.00	7,350.00	7,201.02	228.60	34.13	-74.09	1,361.51	189.49	8,303.56	8,211.96	91.60	90.653		
16,800.00	7,690.00	7,350.00	7,201.02	231.25	34.13	-74.09	1,361.51	189.49	8,401.24	8,309.59	91.64	91.672		
16,900.00	7,690.00	7,350.00	7,201.02	233.90	34.13	-74.09	1,361.51	189.49	8,498.98	8,407.28	91.69	92.692		
17,000.00	7,690.00	7,350.00	7,201.02	236.56	34.13	-74.09	1,361.51	189.49	8,596.76	8,505.03	91.74	93.711		
17,100.00	7,690.00	7,350.00	7,201.02	239.21	34.13	-74.09	1,361.51	189.49	8,694.60	8,602.82	91.78	94.729		
17,200.00	7,690.00	7,350.00	7,201.02	241.86	34.13	-74.09	1,361.51	189.49	8,792.49	8,700.66	91.83	95.747		
17,300.00	7,690.00	7,350.00	7,201.02	244.52	34.13	-74.09	1,361.51	189.49	8,890.43	8,798.55	91.88	96.765		
17,400.00	7,690.00	7,350.00	7,201.02	247.17	34.13	-74.09	1,361.51	189.49	8,988.41	8,896.48	91.92	97.782		
17,500.00	7,690.00	7,350.00	7,201.02	249.83	34.13	-74.09	1,361.51	189.49	9,086.43	8,994.46	91.97	98.798		
17,600.00	7,690.00	7,350.00	7,201.02	252.49	34.13	-74.09	1,361.51	189.49	9,184.50	9,092.48	92.02	99.814		
17,700.00	7,690.00	7,350.00	7,201.02	255.15	34.13	-74.09	1,361.51	189.49	9,282.61	9,190.54	92.06	100.829		
17,800.00	7,690.00	7,350.00	7,201.02	257.81	34.13	-74.09	1,361.51	189.49	9,380.75	9,288.64	92.11	101.844		
17,900.00	7,690.00	7,350.00	7,201.02	260.47	34.13	-74.09	1,361.51	189.49	9,478.94	9,386.78	92.16	102.858		
18,000.00	7,690.00	7,350.00	7,201.02	263.13	34.13	-74.09	1,361.51	189.49	9,577.16	9,484.96	92.20	103.871		
18,100.00	7,690.00	7,350.00	7,201.02	265.79	34.13	-74.09	1,361.51	189.49	9,675.43	9,583.18	92.25	104.883		
18,200.00	7,690.00	7,350.00	7,201.02	268.45	34.13	-74.09	1,361.51	189.49	9,773.72	9,681.42	92.30	105.895		
18,300.00	7,690.00	7,350.00	7,201.02	271.11	34.13	-74.09	1,361.51	189.49	9,872.05	9,779.71	92.34	106.906		
18,400.00	7,690.00	7,350.00	7,201.02	273.78	34.13	-74.09	1,361.51	189.49	9,970.41	9,878.02	92.39	107.915		
18,500.00	7,690.00	7,326.17	7,177.89	276.44	34.01	-73.43	1,356.37	186.86	10,068.29	9,975.91	92.38	108.992		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	1.00	1.00	0.00	0.00	179.87	-119.84	0.28	119.84					
100.00	100.00	101.00	101.00	0.27	0.27	179.87	-119.84	0.28	119.84	119.30	0.54	221.398		
200.00	200.00	201.00	201.00	0.63	0.63	179.87	-119.84	0.28	119.84	118.58	1.26	95.245		
300.00	300.00	301.00	301.00	0.99	0.99	179.87	-119.84	0.28	119.84	117.87	1.98	60.674 CC, ES		
400.00	399.98	400.00	400.00	1.34	1.34	166.76	-119.84	0.28	121.54	118.85	2.69	45.183		
500.00	499.84	496.69	496.67	1.71	1.68	167.06	-121.42	0.71	128.28	124.89	3.39	37.854		
600.00	599.45	591.49	591.35	2.07	2.00	167.24	-126.02	1.95	141.59	137.52	4.08	34.727		
700.00	698.70	684.77	684.30	2.45	2.32	167.30	-133.49	3.97	161.38	156.62	4.76	33.870 SF		
800.00	797.47	779.27	778.22	2.85	2.67	167.32	-143.52	6.69	187.00	181.55	5.46	34.261		
900.00	895.62	874.91	873.26	3.28	3.03	167.47	-153.92	9.50	216.17	210.00	6.16	35.079		
1,000.00	993.06	969.49	967.24	3.73	3.39	167.73	-164.20	12.28	248.58	241.71	6.87	36.194		
1,100.00	1,089.64	1,062.90	1,060.05	4.23	3.75	168.04	-174.36	15.03	284.21	276.64	7.57	37.532		
1,200.00	1,185.27	1,155.02	1,151.59	4.75	4.11	168.36	-184.37	17.74	323.03	314.75	8.28	39.017		
1,300.00	1,279.82	1,245.74	1,241.73	5.33	4.47	168.68	-194.24	20.41	364.99	356.01	8.98	40.627		
1,400.00	1,373.17	1,334.95	1,330.37	5.94	4.83	168.99	-203.94	23.03	410.07	400.38	9.69	42.333		
1,500.00	1,465.21	1,422.54	1,417.41	6.60	5.18	169.28	-213.46	25.61	458.19	447.81	10.39	44.114		
1,554.30	1,514.61	1,469.39	1,463.95	6.98	5.36	169.43	-218.55	26.99	485.59	474.82	10.77	45.094		
1,600.00	1,556.00	1,508.59	1,502.91	7.30	5.52	169.64	-222.82	28.14	509.01	497.93	11.08	45.922		
1,700.00	1,646.56	1,594.38	1,588.15	8.03	5.87	170.04	-232.14	30.67	560.29	548.52	11.77	47.598		
1,800.00	1,737.13	1,680.17	1,673.40	8.76	6.21	170.38	-241.47	33.19	611.59	599.13	12.46	49.070		
1,900.00	1,827.70	1,765.97	1,758.64	9.50	6.56	170.66	-250.80	35.71	662.90	649.74	13.16	50.372		
2,000.00	1,918.27	1,851.76	1,843.89	10.25	6.90	170.90	-260.13	38.24	714.22	700.36	13.86	51.531		
2,100.00	2,008.83	1,937.55	1,929.13	11.00	7.25	171.11	-269.45	40.76	765.55	750.99	14.56	52.567		
2,200.00	2,099.40	2,023.34	2,014.38	11.76	7.60	171.29	-278.78	43.29	816.88	801.62	15.27	53.498		
2,300.00	2,189.97	2,109.13	2,099.62	12.52	7.94	171.45	-288.11	45.81	868.23	852.25	15.98	54.340		
2,400.00	2,280.53	2,194.92	2,184.87	13.28	8.29	171.59	-297.44	48.33	919.57	902.88	16.69	55.103		
2,500.00	2,371.10	2,280.71	2,270.11	14.05	8.64	171.72	-306.77	50.86	970.92	953.52	17.40	55.799		
2,600.00	2,461.67	2,366.50	2,355.36	14.81	8.99	171.84	-316.09	53.38	1,022.27	1,004.16	18.11	56.434		
2,700.00	2,552.24	2,452.29	2,440.60	15.58	9.33	171.94	-325.42	55.90	1,073.62	1,054.79	18.83	57.018		
2,800.00	2,642.80	2,538.08	2,525.85	16.35	9.68	172.03	-334.75	58.43	1,124.98	1,105.43	19.55	57.555		
2,900.00	2,733.37	2,623.87	2,611.09	17.13	10.03	172.12	-344.08	60.95	1,176.34	1,156.08	20.26	58.051		
3,000.00	2,823.94	2,709.66	2,696.34	17.90	10.38	172.20	-353.41	63.48	1,227.70	1,206.72	20.98	58.510		
3,100.00	2,914.51	2,795.46	2,781.58	18.67	10.73	172.27	-362.73	66.00	1,279.06	1,257.36	21.70	58.936		
3,200.00	3,005.07	2,881.25	2,866.83	19.45	11.08	172.34	-372.06	68.52	1,330.43	1,308.00	22.42	59.332		
3,300.00	3,095.64	2,967.04	2,952.07	20.22	11.43	172.40	-381.39	71.05	1,381.79	1,358.65	23.14	59.702		
3,400.00	3,186.21	3,052.83	3,037.32	21.00	11.78	172.46	-390.72	73.57	1,433.16	1,409.29	23.87	60.047		
3,500.00	3,276.77	3,138.62	3,122.56	21.77	12.13	172.51	-400.04	76.10	1,484.52	1,459.93	24.59	60.370		
3,600.00	3,367.34	3,224.41	3,207.81	22.55	12.48	172.56	-409.37	78.62	1,535.89	1,510.58	25.31	60.674		
3,700.00	3,457.91	3,310.20	3,293.05	23.33	12.83	172.61	-418.70	81.14	1,587.26	1,561.22	26.04	60.959		
3,800.00	3,548.48	3,395.99	3,378.30	24.11	13.18	172.65	-428.03	83.67	1,638.63	1,611.87	26.76	61.227		
3,900.00	3,639.04	3,481.78	3,463.54	24.88	13.53	172.70	-437.36	86.19	1,690.00	1,662.51	27.49	61.480		
4,000.00	3,729.61	3,567.57	3,548.79	25.66	13.87	172.73	-446.68	88.71	1,741.37	1,713.15	28.21	61.719		
4,100.00	3,820.18	3,653.36	3,634.03	26.44	14.22	172.77	-456.01	91.24	1,792.74	1,763.80	28.94	61.945		
4,200.00	3,910.74	3,739.15	3,719.28	27.22	14.57	172.81	-465.34	93.76	1,844.11	1,814.44	29.67	62.158		
4,300.00	4,001.31	3,824.95	3,804.52	28.00	14.92	172.84	-474.67	96.29	1,895.48	1,865.09	30.40	62.361		
4,400.00	4,091.88	3,910.74	3,889.77	28.78	15.27	172.87	-484.00	98.81	1,946.86	1,915.73	31.12	62.553		
4,500.00	4,182.45	3,996.53	3,975.01	29.56	15.62	172.90	-493.32	101.33	1,998.23	1,966.38	31.85	62.736		
4,600.00	4,273.01	4,082.32	4,060.26	30.34	15.97	172.93	-502.65	103.86	2,049.60	2,017.02	32.58	62.909		
4,700.00	4,363.58	4,168.11	4,145.50	31.12	16.32	172.95	-511.98	106.38	2,100.98	2,067.67	33.31	63.075		
4,800.00	4,454.15	4,253.90	4,230.75	31.90	16.67	172.98	-521.31	108.91	2,152.35	2,118.31	34.04	63.232		
4,900.00	4,544.72	4,339.69	4,315.99	32.68	17.02	173.00	-530.63	111.43	2,203.73	2,168.96	34.77	63.383		
5,000.00	4,635.28	4,425.48	4,401.24	33.46	17.37	173.03	-539.96	113.95	2,255.10	2,219.60	35.50	63.526		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	4,511.27	4,486.48	34.24	17.72	173.05	-549.29	116.48	2,306.47	2,270.25	36.23	63.663		
5,200.00	4,816.42	4,597.06	4,571.73	35.02	18.08	173.07	-558.62	119.00	2,357.85	2,320.89	36.96	63.794		
5,300.00	4,906.98	4,682.85	4,656.97	35.81	18.43	173.09	-567.95	121.52	2,409.22	2,371.53	37.69	63.919		
5,400.00	4,997.55	4,768.64	4,742.22	36.59	18.78	173.11	-577.27	124.05	2,460.60	2,422.18	38.42	64.039		
5,500.00	5,088.12	4,854.44	4,827.46	37.37	19.13	173.13	-586.60	126.57	2,511.98	2,472.82	39.16	64.154		
5,600.00	5,178.69	4,940.23	4,912.70	38.15	19.48	173.14	-595.93	129.10	2,563.35	2,523.46	39.89	64.264		
5,700.00	5,269.25	5,026.02	4,997.95	38.93	19.83	173.16	-605.26	131.62	2,614.73	2,574.11	40.62	64.370		
5,800.00	5,359.82	5,111.81	5,083.19	39.71	20.18	173.18	-614.59	134.14	2,666.10	2,624.75	41.35	64.471		
5,900.00	5,450.39	5,197.60	5,168.44	40.50	20.53	173.19	-623.91	136.67	2,717.48	2,675.39	42.09	64.569		
6,000.00	5,540.95	5,283.39	5,253.68	41.28	20.88	173.21	-633.24	139.19	2,768.86	2,726.04	42.82	64.662		
6,100.00	5,631.52	5,369.18	5,338.93	42.06	21.23	173.22	-642.57	141.71	2,820.23	2,776.68	43.55	64.752		
6,200.00	5,722.09	5,454.97	5,424.17	42.84	21.58	173.24	-651.90	144.24	2,871.61	2,827.32	44.29	64.839		
6,300.00	5,812.66	5,540.76	5,509.42	43.62	21.93	173.25	-661.22	146.76	2,922.99	2,877.96	45.02	64.922		
6,400.00	5,903.22	5,626.55	5,594.66	44.41	22.28	173.26	-670.55	149.29	2,974.36	2,928.61	45.76	65.002		
6,500.00	5,993.79	5,712.34	5,679.91	45.19	22.63	173.28	-679.88	151.81	3,025.74	2,979.25	46.49	65.079		
6,600.00	6,084.36	5,798.13	5,765.15	45.97	22.98	173.29	-689.21	154.33	3,077.12	3,029.89	47.23	65.154		
6,700.00	6,174.93	5,883.93	5,850.40	46.75	23.33	173.30	-698.54	156.86	3,128.50	3,080.53	47.96	65.225		
6,800.00	6,265.49	5,969.72	5,935.64	47.54	23.68	173.31	-707.86	159.38	3,179.87	3,131.17	48.70	65.294		
6,900.00	6,356.06	6,055.51	6,020.89	48.32	24.03	173.32	-717.19	161.91	3,231.25	3,181.81	49.44	65.361		
7,000.00	6,446.63	6,141.30	6,106.13	49.10	24.38	173.33	-726.52	164.43	3,282.63	3,232.45	50.17	65.425		
7,100.00	6,537.19	6,227.09	6,191.38	49.88	24.73	173.34	-735.85	166.95	3,334.01	3,283.09	50.91	65.487		
7,200.00	6,627.76	6,312.88	6,276.62	50.67	25.08	173.35	-745.18	169.48	3,385.38	3,333.73	51.65	65.546		
7,300.00	6,718.33	6,398.67	6,361.87	51.45	25.43	173.36	-754.50	172.00	3,436.76	3,384.38	52.39	65.604		
7,400.00	6,808.90	6,484.46	6,447.11	52.23	25.78	173.37	-763.83	174.52	3,488.14	3,435.01	53.12	65.660		
7,500.00	6,899.46	6,570.25	6,532.36	53.01	26.13	173.38	-773.16	177.05	3,539.52	3,485.65	53.86	65.713		
7,600.00	6,990.03	6,656.04	6,617.60	53.80	26.49	173.39	-782.49	179.57	3,590.90	3,536.29	54.60	65.765		
7,700.00	7,080.60	6,741.83	6,702.85	54.58	26.84	173.40	-791.81	182.10	3,642.27	3,586.93	55.34	65.815		
7,743.09	7,119.63	6,778.80	6,739.58	54.92	26.99	173.40	-795.83	183.18	3,664.41	3,608.75	55.66	65.836		
7,750.00	7,125.88	6,784.73	6,745.47	54.97	27.01	175.27	-796.48	183.36	3,667.96	3,612.25	55.71	65.840		
7,800.00	7,171.32	6,827.69	6,788.16	55.35	27.19	-171.01	-801.15	184.62	3,693.39	3,637.31	56.08	65.864		
7,850.00	7,216.74	6,870.49	6,830.69	55.71	27.36	-157.52	-805.80	185.88	3,718.28	3,661.85	56.43	65.889		
7,900.00	7,261.79	6,912.83	6,872.75	56.05	27.53	-145.05	-810.41	187.13	3,742.46	3,685.68	56.78	65.915		
7,950.00	7,306.14	6,954.36	6,914.02	56.37	27.70	-134.10	-814.92	188.35	3,765.79	3,708.68	57.11	65.940		
8,000.00	7,349.44	6,994.78	6,954.18	56.66	27.87	-124.79	-819.32	189.54	3,788.13	3,730.71	57.43	65.964		
8,050.00	7,391.36	7,033.77	6,992.93	56.92	28.03	-117.02	-823.56	190.68	3,809.38	3,751.65	57.73	65.987		
8,100.00	7,431.59	7,071.05	7,029.97	57.16	28.18	-110.57	-827.61	191.78	3,829.44	3,771.43	58.02	66.006		
8,150.00	7,469.82	7,106.33	7,065.02	57.37	28.33	-105.23	-831.45	192.82	3,848.24	3,789.95	58.29	66.019		
8,200.00	7,505.76	7,139.33	7,097.81	57.55	28.46	-100.80	-835.03	193.79	3,865.70	3,807.15	58.55	66.022		
8,250.00	7,539.14	7,169.81	7,128.10	57.71	28.59	-97.12	-838.35	194.69	3,881.77	3,822.97	58.80	66.012		
8,300.00	7,569.69	7,210.82	7,168.81	57.84	28.75	-94.24	-842.81	196.76	3,896.39	3,837.23	59.16	65.866		
8,350.00	7,597.20	7,245.32	7,202.87	57.96	28.90	-91.85	-846.55	200.70	3,909.47	3,849.99	59.48	65.722		
8,400.00	7,621.44	7,267.92	7,225.03	58.04	28.99	-89.80	-849.00	204.39	3,921.09	3,861.34	59.75	65.628		
8,450.00	7,642.24	7,281.60	7,238.36	58.11	29.05	-88.04	-850.47	207.05	3,931.26	3,871.29	59.97	65.554		
8,500.00	7,659.43	7,288.61	7,245.17	58.16	29.08	-86.55	-851.22	208.54	3,939.97	3,879.80	60.17	65.479		
8,550.00	7,672.90	7,290.58	7,247.08	58.19	29.09	-85.34	-851.44	208.98	3,947.19	3,886.82	60.37	65.384		
8,600.00	7,682.52	7,288.71	7,245.27	58.20	29.08	-84.41	-851.24	208.56	3,952.86	3,892.29	60.57	65.257		
8,650.00	7,688.23	7,283.87	7,240.57	58.19	29.06	-83.74	-850.72	207.53	3,956.97	3,896.17	60.79	65.091		
8,697.19	7,690.00	7,277.16	7,234.05	58.18	29.03	-83.37	-849.99	206.15	3,959.36	3,898.34	61.01	64.896		
8,700.00	7,690.00	7,276.71	7,233.61	58.17	29.03	-83.36	-849.95	206.07	3,959.46	3,898.43	61.02	64.883		
8,800.00	7,690.00	7,262.67	7,219.90	58.15	28.97	-83.16	-848.43	203.45	3,964.27	3,902.67	61.60	64.359		
8,900.00	7,690.00	7,250.00	7,207.47	58.17	28.92	-82.98	-847.06	201.39	3,971.54	3,909.24	62.30	63.748		
9,000.00	7,690.00	7,250.00	7,207.47	58.24	28.92	-82.98	-847.06	201.39	3,981.29	3,918.07	63.22	62.975		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,100.00	7,690.00	7,235.55	7,193.25	58.37	28.86	-82.77	-845.49	199.37	3,993.46	3,929.34	64.12	62.282	
9,200.00	7,690.00	7,229.48	7,187.26	58.56	28.83	-82.69	-844.84	198.63	4,008.08	3,942.91	65.17	61.503	
9,300.00	7,690.00	7,224.33	7,182.17	58.83	28.81	-82.61	-844.28	198.05	4,025.12	3,958.82	66.30	60.712	
9,400.00	7,690.00	7,219.91	7,177.80	59.19	28.79	-82.55	-843.80	197.59	4,044.55	3,977.05	67.49	59.925	
9,500.00	7,690.00	7,216.07	7,174.01	59.66	28.78	-82.49	-843.38	197.22	4,066.33	3,997.59	68.74	59.156	
9,600.00	7,690.00	7,200.00	7,158.08	60.26	28.71	-82.26	-841.63	195.95	4,090.49	4,020.57	69.93	58.498	
9,700.00	7,690.00	7,200.00	7,158.08	61.01	28.71	-82.26	-841.63	195.95	4,116.86	4,045.59	71.27	57.767	
9,800.00	7,690.00	7,200.00	7,158.08	61.93	28.71	-82.26	-841.63	195.95	4,145.47	4,072.84	72.63	57.080	
9,900.00	7,690.00	7,200.00	7,158.08	63.01	28.71	-82.26	-841.63	195.95	4,176.28	4,102.28	73.99	56.441	
10,000.00	7,690.00	7,200.00	7,158.08	64.27	28.71	-82.26	-841.63	195.95	4,209.24	4,133.87	75.37	55.851	
10,100.00	7,690.00	7,200.00	7,158.08	65.70	28.71	-82.26	-841.63	195.95	4,244.30	4,167.56	76.73	55.313	
10,200.00	7,690.00	7,200.00	7,158.08	67.27	28.71	-82.26	-841.63	195.95	4,281.41	4,203.32	78.09	54.825	
10,300.00	7,690.00	7,200.00	7,158.08	68.97	28.71	-82.26	-841.63	195.95	4,320.51	4,241.08	79.44	54.389	
10,400.00	7,690.00	7,200.00	7,158.08	70.79	28.71	-82.26	-841.63	195.95	4,361.56	4,280.80	80.77	54.003	
10,500.00	7,690.00	7,200.00	7,158.08	72.70	28.71	-82.26	-841.63	195.95	4,404.50	4,322.43	82.07	53.666	
10,600.00	7,690.00	7,200.00	7,158.08	74.69	28.71	-82.26	-841.63	195.95	4,449.27	4,365.91	83.36	53.376	
10,700.00	7,690.00	7,200.00	7,158.08	76.74	28.71	-82.26	-841.63	195.95	4,495.82	4,411.21	84.61	53.133	
10,800.00	7,690.00	7,191.03	7,149.18	78.86	28.67	-82.13	-840.66	195.43	4,544.05	4,458.27	85.78	52.974	
10,900.00	7,690.00	7,190.03	7,148.19	81.03	28.67	-82.12	-840.55	195.38	4,593.98	4,507.01	86.97	52.821	
11,000.00	7,690.00	7,189.10	7,147.26	83.24	28.66	-82.10	-840.45	195.34	4,645.53	4,557.39	88.14	52.708	
11,100.00	7,690.00	7,188.23	7,146.40	85.49	28.66	-82.09	-840.35	195.30	4,698.64	4,609.37	89.27	52.634	
11,200.00	7,690.00	7,179.35	7,137.58	87.77	28.62	-81.96	-839.39	194.97	4,753.30	4,662.98	90.31	52.631	
11,300.00	7,690.00	7,179.35	7,137.58	90.09	28.62	-81.96	-839.39	194.97	4,809.37	4,717.98	91.39	52.624	
11,400.00	7,690.00	7,179.35	7,137.58	92.43	28.62	-81.96	-839.39	194.97	4,866.85	4,774.41	92.43	52.652	
11,500.00	7,690.00	7,179.35	7,137.58	94.79	28.62	-81.96	-839.39	194.97	4,925.69	4,832.24	93.45	52.711	
11,600.00	7,690.00	7,179.35	7,137.58	97.17	28.62	-81.96	-839.39	194.97	4,985.84	4,891.41	94.43	52.801	
11,700.00	7,690.00	7,179.35	7,137.58	99.57	28.62	-81.96	-839.39	194.97	5,047.26	4,951.88	95.37	52.920	
11,800.00	7,690.00	7,179.35	7,137.58	101.99	28.62	-81.96	-839.39	194.97	5,109.89	5,013.60	96.29	53.067	
11,900.00	7,690.00	7,179.35	7,137.58	104.43	28.62	-81.96	-839.39	194.97	5,173.70	5,076.52	97.18	53.239	
12,000.00	7,690.00	7,179.35	7,137.58	106.88	28.62	-81.96	-839.39	194.97	5,238.64	5,140.61	98.03	53.437	
12,100.00	7,690.00	7,179.35	7,137.58	109.34	28.62	-81.96	-839.39	194.97	5,304.67	5,205.81	98.86	53.657	
12,200.00	7,690.00	7,179.35	7,137.58	111.81	28.62	-81.96	-839.39	194.97	5,371.75	5,272.09	99.66	53.901	
12,300.00	7,690.00	7,179.35	7,137.58	114.30	28.62	-81.96	-839.39	194.97	5,439.85	5,339.42	100.43	54.165	
12,400.00	7,690.00	7,179.35	7,137.58	116.79	28.62	-81.96	-839.39	194.97	5,508.91	5,407.74	101.18	54.449	
12,500.00	7,690.00	7,179.35	7,137.58	119.30	28.62	-81.96	-839.39	194.97	5,578.92	5,477.02	101.89	54.753	
12,600.00	7,690.00	7,179.35	7,137.58	121.81	28.62	-81.96	-839.39	194.97	5,649.82	5,547.24	102.59	55.074	
12,700.00	7,690.00	7,179.02	7,137.25	124.33	28.62	-81.96	-839.35	194.96	5,721.60	5,618.35	103.25	55.415	
12,800.00	7,690.00	7,175.99	7,134.24	126.86	28.61	-81.92	-839.02	194.87	5,794.21	5,690.34	103.87	55.781	
12,900.00	7,690.00	7,172.97	7,131.24	129.40	28.60	-81.87	-838.69	194.78	5,867.63	5,763.15	104.48	56.163	
13,000.00	7,690.00	7,169.94	7,128.23	131.94	28.59	-81.83	-838.36	194.69	5,941.82	5,836.76	105.05	56.560	
13,100.00	7,690.00	7,166.92	7,125.23	134.49	28.57	-81.78	-838.03	194.60	6,016.75	5,911.14	105.61	56.971	
13,200.00	7,690.00	7,163.90	7,122.22	137.05	28.56	-81.74	-837.70	194.51	6,092.41	5,986.26	106.15	57.395	
13,300.00	7,690.00	7,160.87	7,119.22	139.61	28.55	-81.70	-837.38	194.42	6,168.75	6,062.08	106.67	57.832	
13,400.00	7,690.00	7,157.85	7,116.21	142.18	28.54	-81.65	-837.05	194.33	6,245.76	6,138.60	107.17	58.281	
13,500.00	7,690.00	7,154.83	7,113.21	144.75	28.52	-81.61	-836.72	194.25	6,323.42	6,215.77	107.65	58.742	
13,600.00	7,690.00	7,151.80	7,110.21	147.33	28.51	-81.57	-836.39	194.16	6,401.69	6,293.58	108.11	59.215	
13,700.00	7,690.00	7,148.78	7,107.20	149.91	28.50	-81.52	-836.06	194.07	6,480.56	6,372.00	108.56	59.698	
13,800.00	7,690.00	7,145.75	7,104.20	152.49	28.49	-81.48	-835.73	193.98	6,560.00	6,451.02	108.99	60.191	
13,900.00	7,690.00	7,142.73	7,101.19	155.08	28.47	-81.43	-835.40	193.89	6,640.00	6,530.60	109.40	60.694	
14,000.00	7,690.00	7,139.71	7,098.19	157.67	28.46	-81.39	-835.07	193.80	6,720.54	6,610.73	109.80	61.206	
14,100.00	7,690.00	7,136.68	7,095.18	160.27	28.45	-81.35	-834.75	193.71	6,801.58	6,691.40	110.19	61.727	
14,200.00	7,690.00	7,133.66	7,092.18	162.87	28.44	-81.30	-834.42	193.62	6,883.13	6,772.57	110.56	62.256	

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,690.00	7,130.63	7,089.17	165.47	28.42	-81.26	-834.09	193.53	6,965.15	6,854.23	110.92	62.794		
14,400.00	7,690.00	7,127.61	7,086.17	168.08	28.41	-81.22	-833.76	193.44	7,047.64	6,936.37	111.27	63.340		
14,500.00	7,690.00	7,124.59	7,083.16	170.69	28.40	-81.17	-833.43	193.36	7,130.58	7,018.97	111.60	63.893		
14,600.00	7,690.00	7,121.56	7,080.16	173.30	28.39	-81.13	-833.10	193.27	7,213.94	7,102.02	111.93	64.453		
14,700.00	7,690.00	7,118.54	7,077.15	175.91	28.38	-81.09	-832.77	193.18	7,297.73	7,185.49	112.24	65.020		
14,800.00	7,690.00	7,115.52	7,074.15	178.53	28.36	-81.04	-832.44	193.09	7,381.91	7,269.37	112.54	65.594		
14,900.00	7,690.00	7,112.49	7,071.15	181.15	28.35	-81.00	-832.12	193.00	7,466.49	7,353.66	112.83	66.174		
15,000.00	7,690.00	7,109.47	7,068.14	183.77	28.34	-80.95	-831.79	192.91	7,551.44	7,438.32	113.11	66.760		
15,100.00	7,690.00	7,106.44	7,065.14	186.39	28.33	-80.91	-831.46	192.82	7,636.75	7,523.36	113.39	67.352		
15,200.00	7,690.00	7,103.42	7,062.13	189.02	28.31	-80.87	-831.13	192.73	7,722.42	7,608.77	113.65	67.950		
15,300.00	7,690.00	7,100.40	7,059.13	191.65	28.30	-80.82	-830.80	192.64	7,808.42	7,694.52	113.90	68.553		
15,400.00	7,690.00	7,097.37	7,056.12	194.27	28.29	-80.78	-830.47	192.56	7,894.75	7,780.60	114.15	69.161		
15,500.00	7,690.00	7,094.35	7,053.12	196.91	28.28	-80.74	-830.14	192.47	7,981.40	7,867.02	114.39	69.774		
15,600.00	7,690.00	7,091.32	7,050.11	199.54	28.26	-80.69	-829.81	192.38	8,068.36	7,953.74	114.62	70.392		
15,700.00	7,690.00	7,088.30	7,047.11	202.17	28.25	-80.65	-829.49	192.29	8,155.62	8,040.78	114.84	71.015		
15,800.00	7,690.00	7,085.28	7,044.10	204.81	28.24	-80.60	-829.16	192.20	8,243.16	8,128.10	115.06	71.642		
15,900.00	7,690.00	7,082.25	7,041.10	207.45	28.23	-80.56	-828.83	192.11	8,330.99	8,215.72	115.27	72.273		
16,000.00	7,690.00	7,079.23	7,038.10	210.09	28.21	-80.52	-828.50	192.02	8,419.08	8,303.61	115.47	72.909		
16,100.00	7,690.00	7,076.21	7,035.09	212.73	28.20	-80.47	-828.17	191.93	8,507.44	8,391.77	115.67	73.548		
16,200.00	7,690.00	7,073.18	7,032.09	215.37	28.19	-80.43	-827.84	191.84	8,596.05	8,480.19	115.86	74.191		
16,300.00	7,690.00	7,070.16	7,029.08	218.02	28.18	-80.39	-827.51	191.75	8,684.91	8,568.86	116.05	74.838		
16,400.00	7,690.00	7,067.13	7,026.08	220.66	28.17	-80.34	-827.18	191.67	8,774.00	8,657.78	116.23	75.489		
16,500.00	7,690.00	7,064.11	7,023.07	223.31	28.15	-80.30	-826.86	191.58	8,863.33	8,746.93	116.40	76.143		
16,600.00	7,690.00	7,061.09	7,020.07	225.95	28.14	-80.26	-826.53	191.49	8,952.88	8,836.31	116.57	76.800		
16,700.00	7,690.00	7,058.06	7,017.06	228.60	28.13	-80.21	-826.20	191.40	9,042.66	8,925.92	116.74	77.460		
16,800.00	7,690.00	7,055.04	7,014.06	231.25	28.12	-80.17	-825.87	191.31	9,132.64	9,015.74	116.90	78.123		
16,900.00	7,690.00	7,052.01	7,011.05	233.90	28.10	-80.13	-825.54	191.22	9,222.82	9,105.77	117.06	78.790		
17,000.00	7,690.00	7,048.99	7,008.05	236.56	28.09	-80.08	-825.21	191.13	9,313.21	9,196.00	117.21	79.459		
17,100.00	7,690.00	7,045.97	7,005.04	239.21	28.08	-80.04	-824.88	191.04	9,403.79	9,286.44	117.36	80.131		
17,200.00	7,690.00	7,042.94	7,002.04	241.86	28.07	-79.99	-824.55	190.95	9,494.56	9,377.06	117.50	80.805		
17,300.00	7,690.00	7,039.92	6,999.04	244.52	28.05	-79.95	-824.23	190.87	9,585.51	9,467.87	117.64	81.482		
17,400.00	7,690.00	7,036.90	6,996.03	247.17	28.04	-79.91	-823.90	190.78	9,676.64	9,558.86	117.78	82.162		
17,500.00	7,690.00	7,033.87	6,993.03	249.83	28.03	-79.86	-823.57	190.69	9,767.94	9,650.03	117.91	82.844		
17,600.00	7,690.00	7,030.85	6,990.02	252.49	28.02	-79.82	-823.24	190.60	9,859.41	9,741.37	118.04	83.528		
17,700.00	7,690.00	7,027.82	6,987.02	255.15	28.00	-79.78	-822.91	190.51	9,951.04	9,832.88	118.16	84.214		
17,800.00	7,690.00	7,024.80	6,984.01	257.81	27.99	-79.73	-822.58	190.42	10,042.84	9,924.55	118.29	84.903		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	1.00	1.00	0.00	0.00	179.88	-139.88	0.28	139.88					
100.00	100.00	101.00	101.00	0.27	0.27	179.88	-139.88	0.28	139.88	139.33	0.54	258.411		
166.33	166.33	167.33	167.33	0.51	0.51	179.88	-139.88	0.28	139.88	138.86	1.02	137.559 CC		
200.00	200.00	200.00	200.00	0.63	0.63	179.88	-139.88	0.28	139.88	138.62	1.26	111.453 ES		
300.00	300.00	296.32	296.30	0.99	0.96	179.78	-141.47	0.54	141.55	139.61	1.95	72.684		
400.00	399.98	391.35	391.21	1.34	1.29	166.33	-146.18	1.31	148.20	145.57	2.64	56.163		
500.00	499.84	485.44	484.97	1.71	1.63	166.25	-153.90	2.57	161.47	158.13	3.34	48.344		
600.00	599.45	577.99	576.90	2.07	1.98	166.24	-164.45	4.30	181.26	177.23	4.04	44.890		
700.00	698.70	668.45	666.36	2.45	2.35	166.27	-177.59	6.44	207.42	202.69	4.73	43.884 SF		
800.00	797.47	759.62	756.13	2.85	2.74	166.34	-193.33	9.02	239.46	234.04	5.42	44.206		
900.00	895.62	853.03	848.03	3.28	3.15	166.50	-209.85	11.72	275.11	268.99	6.12	44.938		
1,000.00	993.06	945.17	938.67	3.73	3.57	166.73	-226.14	14.38	313.93	307.10	6.82	46.011		
1,100.00	1,089.64	1,035.91	1,027.95	4.23	3.98	166.98	-242.19	17.00	355.87	348.34	7.52	47.292		
1,200.00	1,185.27	1,125.15	1,115.74	4.75	4.39	167.25	-257.97	19.58	400.89	392.66	8.22	48.742		
1,300.00	1,279.82	1,212.78	1,201.95	5.33	4.80	167.51	-273.46	22.11	448.94	440.02	8.92	50.324		
1,400.00	1,373.17	1,298.69	1,286.48	5.94	5.19	167.75	-288.66	24.60	499.98	490.37	9.61	52.009		
1,500.00	1,465.21	1,382.78	1,369.21	6.60	5.58	167.98	-303.53	27.03	553.96	543.66	10.30	53.778		
1,554.30	1,514.61	1,427.64	1,413.34	6.98	5.79	168.09	-311.46	28.32	584.47	573.79	10.68	54.750		
1,600.00	1,556.00	1,465.16	1,450.25	7.30	5.97	168.31	-318.09	29.41	610.51	599.52	10.98	55.580		
1,700.00	1,646.56	1,547.24	1,531.00	8.03	6.35	168.71	-332.61	31.78	667.50	655.84	11.66	57.268		
1,800.00	1,737.13	1,629.33	1,611.76	8.76	6.74	169.06	-347.13	34.15	724.51	712.18	12.33	58.751		
1,900.00	1,827.70	1,711.41	1,692.52	9.50	7.12	169.35	-361.64	36.52	781.53	768.52	13.01	60.061		
2,000.00	1,918.27	1,793.50	1,773.28	10.25	7.51	169.61	-376.16	38.89	838.57	824.87	13.70	61.226		
2,100.00	2,008.83	1,875.59	1,854.03	11.00	7.89	169.83	-390.67	41.27	895.62	881.23	14.38	62.267		
2,200.00	2,099.40	1,957.67	1,934.79	11.76	8.28	170.02	-405.19	43.64	952.67	937.60	15.07	63.203		
2,300.00	2,189.97	2,039.76	2,015.55	12.52	8.66	170.20	-419.71	46.01	1,009.73	993.97	15.77	64.048		
2,400.00	2,280.53	2,121.84	2,096.31	13.28	9.05	170.35	-434.22	48.38	1,066.80	1,050.34	16.46	64.814		
2,500.00	2,371.10	2,203.93	2,177.06	14.05	9.43	170.49	-448.74	50.76	1,123.87	1,106.71	17.16	65.511		
2,600.00	2,461.67	2,286.02	2,257.82	14.81	9.82	170.61	-463.25	53.13	1,180.95	1,163.09	17.85	66.148		
2,700.00	2,552.24	2,368.10	2,338.58	15.58	10.21	170.73	-477.77	55.50	1,238.02	1,219.47	18.55	66.733		
2,800.00	2,642.80	2,450.19	2,419.33	16.35	10.59	170.83	-492.29	57.87	1,295.11	1,275.85	19.25	67.270		
2,900.00	2,733.37	2,532.27	2,500.09	17.13	10.98	170.93	-506.80	60.24	1,352.19	1,332.24	19.95	67.766		
3,000.00	2,823.94	2,614.36	2,580.85	17.90	11.37	171.02	-521.32	62.62	1,409.28	1,388.62	20.66	68.224		
3,100.00	2,914.51	2,696.44	2,661.61	18.67	11.76	171.10	-535.83	64.99	1,466.37	1,445.01	21.36	68.650		
3,200.00	3,005.07	2,778.53	2,742.36	19.45	12.14	171.17	-550.35	67.36	1,523.46	1,501.39	22.06	69.045		
3,300.00	3,095.64	2,860.62	2,823.12	20.22	12.53	171.24	-564.87	69.73	1,580.55	1,557.78	22.77	69.413		
3,400.00	3,186.21	2,942.70	2,903.88	21.00	12.92	171.30	-579.38	72.11	1,637.64	1,614.17	23.48	69.757		
3,500.00	3,276.77	3,024.79	2,984.64	21.77	13.31	171.36	-593.90	74.48	1,694.74	1,670.56	24.18	70.079		
3,600.00	3,367.34	3,106.87	3,065.39	22.55	13.69	171.42	-608.41	76.85	1,751.84	1,726.95	24.89	70.381		
3,700.00	3,457.91	3,188.96	3,146.15	23.33	14.08	171.47	-622.93	79.22	1,808.93	1,783.33	25.60	70.664		
3,800.00	3,548.48	3,271.05	3,226.91	24.11	14.47	171.52	-637.45	81.60	1,866.03	1,839.72	26.31	70.930		
3,900.00	3,639.04	3,353.13	3,307.66	24.88	14.86	171.57	-651.96	83.97	1,923.13	1,896.11	27.02	71.181		
4,000.00	3,729.61	3,435.22	3,388.42	25.66	15.24	171.61	-666.48	86.34	1,980.23	1,952.50	27.73	71.417		
4,100.00	3,820.18	3,517.30	3,469.18	26.44	15.63	171.65	-680.99	88.71	2,037.33	2,008.89	28.44	71.641		
4,200.00	3,910.74	3,599.39	3,549.94	27.22	16.02	171.69	-695.51	91.08	2,094.43	2,065.28	29.15	71.852		
4,300.00	4,001.31	3,681.47	3,630.69	28.00	16.41	171.73	-710.03	93.46	2,151.54	2,121.68	29.86	72.052		
4,400.00	4,091.88	3,763.56	3,711.45	28.78	16.80	171.76	-724.54	95.83	2,208.64	2,178.07	30.57	72.241		
4,500.00	4,182.45	3,845.65	3,792.21	29.56	17.18	171.80	-739.06	98.20	2,265.74	2,234.46	31.29	72.421		
4,600.00	4,273.01	3,927.73	3,872.97	30.34	17.57	171.83	-753.57	100.57	2,322.85	2,290.85	32.00	72.592		
4,700.00	4,363.58	4,009.82	3,953.72	31.12	17.96	171.86	-768.09	102.95	2,379.95	2,347.24	32.71	72.754		
4,800.00	4,454.15	4,091.90	4,034.48	31.90	18.35	171.89	-782.60	105.32	2,437.05	2,403.63	33.43	72.909		
4,900.00	4,544.72	4,173.99	4,115.24	32.68	18.74	171.92	-797.12	107.69	2,494.16	2,460.02	34.14	73.056		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,635.28	4,256.08	4,196.00	33.46	19.12	171.94	-811.64	110.06	2,551.26	2,516.41	34.86	73.196		
5,100.00	4,725.85	4,338.16	4,276.75	34.24	19.51	171.97	-826.15	112.43	2,608.37	2,572.80	35.57	73.330		
5,200.00	4,816.42	4,420.25	4,357.51	35.02	19.90	171.99	-840.67	114.81	2,665.48	2,629.19	36.29	73.457		
5,300.00	4,906.98	4,502.33	4,438.27	35.81	20.29	172.01	-855.18	117.18	2,722.58	2,685.58	37.00	73.579		
5,400.00	4,997.55	4,584.42	4,519.02	36.59	20.68	172.04	-869.70	119.55	2,779.69	2,741.97	37.72	73.696		
5,500.00	5,088.12	4,666.50	4,599.78	37.37	21.07	172.06	-884.22	121.92	2,836.80	2,798.36	38.44	73.807		
5,600.00	5,178.69	4,748.59	4,680.54	38.15	21.45	172.08	-898.73	124.30	2,893.90	2,854.75	39.15	73.914		
5,700.00	5,269.25	4,830.68	4,761.30	38.93	21.84	172.10	-913.25	126.67	2,951.01	2,911.14	39.87	74.016		
5,800.00	5,359.82	4,912.76	4,842.05	39.71	22.23	172.12	-927.76	129.04	3,008.12	2,967.53	40.59	74.113		
5,900.00	5,450.39	4,994.85	4,922.81	40.50	22.62	172.13	-942.28	131.41	3,065.23	3,023.92	41.31	74.207		
6,000.00	5,540.95	5,076.93	5,003.57	41.28	23.01	172.15	-956.80	133.78	3,122.33	3,080.31	42.03	74.297		
6,100.00	5,631.52	5,159.02	5,084.33	42.06	23.40	172.17	-971.31	136.16	3,179.44	3,136.70	42.74	74.383		
6,200.00	5,722.09	5,241.11	5,165.08	42.84	23.78	172.18	-985.83	138.53	3,236.55	3,193.09	43.46	74.465		
6,300.00	5,812.66	5,323.19	5,245.84	43.62	24.17	172.20	-1,000.34	140.90	3,293.66	3,249.48	44.18	74.544		
6,400.00	5,903.22	5,405.28	5,326.60	44.41	24.56	172.22	-1,014.86	143.27	3,350.77	3,305.86	44.90	74.621		
6,500.00	5,993.79	5,487.36	5,407.35	45.19	24.95	172.23	-1,029.38	145.65	3,407.88	3,362.25	45.62	74.694		
6,600.00	6,084.36	5,569.45	5,488.11	45.97	25.34	172.24	-1,043.89	148.02	3,464.99	3,418.64	46.35	74.764		
6,700.00	6,174.93	5,651.53	5,568.87	46.75	25.73	172.26	-1,058.41	150.39	3,522.09	3,475.03	47.07	74.831		
6,800.00	6,265.49	5,733.62	5,649.63	47.54	26.11	172.27	-1,072.92	152.76	3,579.20	3,531.41	47.79	74.896		
6,900.00	6,356.06	5,815.71	5,730.38	48.32	26.50	172.28	-1,087.44	155.13	3,636.31	3,587.80	48.51	74.958		
7,000.00	6,446.63	5,897.79	5,811.14	49.10	26.89	172.30	-1,101.96	157.51	3,693.42	3,644.19	49.23	75.018		
7,100.00	6,537.19	5,979.88	5,891.90	49.88	27.28	172.31	-1,116.47	159.88	3,750.53	3,700.58	49.96	75.075		
7,200.00	6,627.76	6,061.96	5,972.66	50.67	27.67	172.32	-1,130.99	162.25	3,807.64	3,756.96	50.68	75.130		
7,300.00	6,718.33	6,144.05	6,053.41	51.45	28.06	172.33	-1,145.50	164.62	3,864.75	3,813.35	51.40	75.183		
7,400.00	6,808.90	6,226.14	6,134.17	52.23	28.45	172.34	-1,160.02	167.00	3,921.86	3,869.73	52.13	75.234		
7,500.00	6,899.46	6,308.22	6,214.93	53.01	28.83	172.35	-1,174.54	169.37	3,978.97	3,926.12	52.85	75.283		
7,600.00	6,990.03	6,390.31	6,295.69	53.80	29.22	172.36	-1,189.05	171.74	4,036.08	3,982.50	53.58	75.331		
7,700.00	7,080.60	6,472.39	6,376.44	54.58	29.61	172.37	-1,203.57	174.11	4,093.19	4,038.89	54.30	75.376		
7,743.09	7,119.63	6,507.77	6,411.24	54.92	29.78	172.38	-1,209.82	175.13	4,117.80	4,063.19	54.62	75.395		
7,750.00	7,125.88	6,513.44	6,416.82	54.97	29.80	174.31	-1,210.83	175.30	4,121.74	4,067.08	54.67	75.398		
7,800.00	7,171.32	6,554.54	6,457.26	55.35	30.00	-171.48	-1,218.09	176.49	4,150.09	4,095.06	55.02	75.424		
7,850.00	7,216.74	6,595.48	6,497.54	55.71	30.19	-157.50	-1,225.34	177.67	4,177.94	4,122.57	55.37	75.456		
7,900.00	7,261.79	6,635.97	6,537.37	56.05	30.38	-144.56	-1,232.49	178.84	4,205.11	4,149.41	55.70	75.494		
7,950.00	7,306.14	6,675.69	6,576.45	56.37	30.57	-133.15	-1,239.52	179.99	4,231.42	4,175.41	56.02	75.536		
8,000.00	7,349.44	6,714.34	6,614.47	56.66	30.76	-123.42	-1,246.35	181.10	4,256.73	4,200.41	56.32	75.583		
8,050.00	7,391.36	6,751.62	6,651.15	56.92	30.93	-115.25	-1,252.95	182.18	4,280.88	4,224.28	56.60	75.633		
8,100.00	7,431.59	6,787.25	6,686.20	57.16	31.10	-108.44	-1,259.25	183.21	4,303.76	4,246.89	56.87	75.682		
8,150.00	7,469.82	6,820.96	6,719.37	57.37	31.26	-102.78	-1,265.21	184.19	4,325.25	4,268.13	57.12	75.727		
8,200.00	7,505.76	6,852.50	6,750.39	57.55	31.41	-98.05	-1,270.79	185.10	4,345.26	4,287.91	57.35	75.765		
8,250.00	7,539.14	6,881.61	6,779.04	57.71	31.55	-94.11	-1,275.93	185.94	4,363.72	4,306.14	57.58	75.788		
8,300.00	7,569.69	6,908.09	6,805.09	57.84	31.67	-90.83	-1,280.62	186.70	4,380.54	4,322.74	57.80	75.791		
8,350.00	7,597.20	6,931.73	6,828.35	57.96	31.78	-88.10	-1,284.80	187.39	4,395.68	4,337.66	58.02	75.767		
8,400.00	7,621.44	6,952.35	6,848.63	58.04	31.88	-85.84	-1,288.44	187.98	4,409.07	4,350.84	58.24	75.711		
8,450.00	7,642.24	6,969.79	6,865.79	58.11	31.96	-84.00	-1,291.53	188.49	4,420.69	4,362.23	58.46	75.617		
8,500.00	7,659.43	6,983.92	6,879.69	58.16	32.03	-82.53	-1,294.03	188.90	4,430.49	4,371.79	58.70	75.480		
8,550.00	7,672.90	6,994.64	6,890.24	58.19	32.08	-81.40	-1,295.92	189.20	4,438.44	4,379.49	58.94	75.299		
8,600.00	7,682.52	7,001.85	6,897.33	58.20	32.12	-80.57	-1,297.20	189.41	4,444.51	4,385.31	59.20	75.072		
8,650.00	7,688.23	7,005.51	6,900.94	58.19	32.13	-80.03	-1,297.84	189.52	4,448.70	4,389.22	59.47	74.802		
8,697.19	7,690.00	7,005.69	6,901.10	58.18	32.13	-79.77	-1,297.87	189.52	4,450.89	4,391.15	59.74	74.509		
8,700.00	7,690.00	7,005.60	6,901.02	58.17	32.13	-79.77	-1,297.86	189.52	4,450.97	4,391.22	59.75	74.490		
8,800.00	7,690.00	7,002.58	6,898.05	58.15	32.12	-79.73	-1,297.33	189.43	4,454.99	4,394.59	60.39	73.765		
8,900.00	7,690.00	6,999.55	6,895.07	58.17	32.11	-79.69	-1,296.79	189.35	4,461.24	4,400.07	61.17	72.933		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,000.00	7,690.00	6,996.53	6,892.10	58.24	32.09	-79.66	-1,296.26	189.26	4,469.72	4,407.66	62.06	72.018		
9,100.00	7,690.00	6,993.51	6,889.12	58.37	32.08	-79.62	-1,295.72	189.17	4,480.42	4,417.35	63.07	71.043		
9,200.00	7,690.00	6,990.48	6,886.15	58.56	32.06	-79.58	-1,295.19	189.08	4,493.31	4,429.15	64.16	70.029		
9,300.00	7,690.00	6,987.46	6,883.17	58.83	32.05	-79.54	-1,294.65	189.00	4,508.39	4,443.05	65.34	68.995		
9,400.00	7,690.00	6,984.44	6,880.20	59.19	32.03	-79.50	-1,294.12	188.91	4,525.62	4,459.03	66.59	67.960		
9,500.00	7,690.00	6,981.41	6,877.23	59.66	32.02	-79.46	-1,293.58	188.82	4,544.99	4,477.09	67.90	66.937		
9,600.00	7,690.00	6,978.39	6,874.25	60.26	32.01	-79.42	-1,293.05	188.74	4,566.46	4,497.20	69.25	65.938		
9,700.00	7,690.00	6,975.37	6,871.28	61.01	31.99	-79.38	-1,292.51	188.65	4,590.01	4,519.36	70.65	64.972		
9,800.00	7,690.00	6,972.34	6,868.30	61.93	31.98	-79.34	-1,291.98	188.56	4,615.60	4,543.53	72.07	64.047		
9,900.00	7,690.00	6,969.32	6,865.33	63.01	31.96	-79.31	-1,291.44	188.47	4,643.20	4,569.70	73.51	63.167		
10,000.00	7,690.00	6,966.30	6,862.35	64.27	31.95	-79.27	-1,290.91	188.39	4,672.78	4,597.82	74.96	62.337		
10,100.00	7,690.00	6,963.27	6,859.38	65.70	31.93	-79.23	-1,290.37	188.30	4,704.30	4,627.88	76.42	61.558		
10,200.00	7,690.00	6,960.25	6,856.40	67.27	31.92	-79.19	-1,289.84	188.21	4,737.72	4,659.84	77.88	60.833		
10,300.00	7,690.00	6,957.23	6,853.43	68.97	31.91	-79.15	-1,289.31	188.12	4,773.00	4,693.66	79.34	60.161		
10,400.00	7,690.00	6,954.20	6,850.46	70.79	31.89	-79.11	-1,288.77	188.04	4,810.09	4,729.31	80.78	59.542		
10,500.00	7,690.00	6,951.18	6,847.48	72.70	31.88	-79.07	-1,288.24	187.95	4,848.97	4,766.75	82.22	58.976		
10,600.00	7,690.00	6,948.16	6,844.51	74.69	31.86	-79.03	-1,287.70	187.86	4,889.57	4,805.94	83.64	58.462		
10,700.00	7,690.00	6,945.13	6,841.53	76.74	31.85	-78.99	-1,287.17	187.77	4,931.87	4,846.84	85.04	57.998		
10,800.00	7,690.00	6,942.11	6,838.56	78.86	31.83	-78.96	-1,286.63	187.69	4,975.82	4,889.41	86.41	57.582		
10,900.00	7,690.00	6,939.09	6,835.58	81.03	31.82	-78.92	-1,286.10	187.60	5,021.37	4,933.61	87.77	57.213		
11,000.00	7,690.00	6,936.06	6,832.61	83.24	31.81	-78.88	-1,285.56	187.51	5,068.49	4,979.39	89.09	56.889		
11,100.00	7,690.00	6,933.04	6,829.63	85.49	31.79	-78.84	-1,285.03	187.42	5,117.12	5,026.73	90.39	56.609		
11,200.00	7,690.00	6,930.02	6,826.66	87.77	31.78	-78.80	-1,284.49	187.34	5,167.23	5,075.56	91.67	56.370		
11,300.00	7,690.00	6,926.99	6,823.69	90.09	31.76	-78.76	-1,283.96	187.25	5,218.77	5,125.86	92.91	56.170		
11,400.00	7,690.00	6,923.97	6,820.71	92.43	31.75	-78.72	-1,283.42	187.16	5,271.71	5,177.58	94.12	56.008		
11,500.00	7,690.00	6,920.95	6,817.74	94.79	31.73	-78.68	-1,282.89	187.08	5,325.99	5,230.69	95.31	55.883		
11,600.00	7,690.00	6,917.92	6,814.76	97.17	31.72	-78.64	-1,282.35	186.99	5,381.59	5,285.13	96.46	55.791		
11,700.00	7,690.00	6,914.90	6,811.79	99.57	31.71	-78.61	-1,281.82	186.90	5,438.45	5,340.87	97.58	55.732		
11,800.00	7,690.00	6,911.88	6,808.81	101.99	31.69	-78.57	-1,281.29	186.81	5,496.54	5,397.87	98.67	55.705		
11,900.00	7,690.00	6,908.85	6,805.84	104.43	31.68	-78.53	-1,280.75	186.73	5,555.82	5,456.09	99.73	55.707		
12,000.00	7,690.00	6,905.83	6,802.86	106.88	31.66	-78.49	-1,280.22	186.64	5,616.26	5,515.50	100.76	55.737		
12,100.00	7,690.00	6,902.81	6,799.89	109.34	31.65	-78.45	-1,279.68	186.55	5,677.81	5,576.05	101.76	55.794		
12,200.00	7,690.00	6,899.78	6,796.92	111.81	31.63	-78.41	-1,279.15	186.46	5,740.45	5,637.71	102.73	55.877		
12,300.00	7,690.00	6,896.76	6,793.94	114.30	31.62	-78.37	-1,278.61	186.38	5,804.13	5,700.45	103.68	55.983		
12,400.00	7,690.00	6,893.74	6,790.97	116.79	31.60	-78.33	-1,278.08	186.29	5,868.82	5,764.23	104.59	56.113		
12,500.00	7,690.00	6,890.71	6,787.99	119.30	31.59	-78.29	-1,277.54	186.20	5,934.48	5,829.01	105.47	56.265		
12,600.00	7,690.00	6,887.69	6,785.02	121.81	31.58	-78.25	-1,277.01	186.11	6,001.10	5,894.77	106.33	56.438		
12,700.00	7,690.00	6,884.67	6,782.04	124.33	31.56	-78.22	-1,276.47	186.03	6,068.63	5,961.47	107.16	56.631		
12,800.00	7,690.00	6,881.64	6,779.07	126.86	31.55	-78.18	-1,275.94	185.94	6,137.05	6,029.08	107.96	56.843		
12,900.00	7,690.00	6,878.62	6,776.09	129.40	31.53	-78.14	-1,275.40	185.85	6,206.32	6,097.57	108.74	57.074		
13,000.00	7,690.00	6,875.60	6,773.12	131.94	31.52	-78.10	-1,274.87	185.76	6,276.41	6,166.92	109.50	57.321		
13,100.00	7,690.00	6,872.57	6,770.15	134.49	31.50	-78.06	-1,274.34	185.68	6,347.31	6,237.09	110.22	57.585		
13,200.00	7,690.00	6,869.55	6,767.17	137.05	31.49	-78.02	-1,273.80	185.59	6,418.98	6,308.05	110.93	57.865		
13,300.00	7,690.00	6,866.53	6,764.20	139.61	31.48	-77.98	-1,273.27	185.50	6,491.40	6,379.79	111.61	58.160		
13,400.00	7,690.00	6,863.50	6,761.22	142.18	31.46	-77.94	-1,272.73	185.41	6,564.55	6,452.27	112.27	58.469		
13,500.00	7,690.00	6,860.48	6,758.25	144.75	31.45	-77.91	-1,272.20	185.33	6,638.39	6,525.47	112.91	58.792		
13,600.00	7,690.00	6,857.46	6,755.27	147.33	31.43	-77.87	-1,271.66	185.24	6,712.90	6,599.37	113.53	59.128		
13,700.00	7,690.00	6,854.43	6,752.30	149.91	31.42	-77.83	-1,271.13	185.15	6,788.08	6,673.95	114.13	59.476		
13,800.00	7,690.00	6,851.41	6,749.32	152.49	31.40	-77.79	-1,270.59	185.07	6,863.88	6,749.17	114.71	59.837		
13,900.00	7,690.00	6,848.39	6,746.35	155.08	31.39	-77.75	-1,270.06	184.98	6,940.30	6,825.03	115.27	60.209		
14,000.00	7,690.00	6,845.36	6,743.38	157.67	31.38	-77.71	-1,269.52	184.89	7,017.30	6,901.49	115.81	60.592		
14,100.00	7,690.00	6,842.34	6,740.40	160.27	31.36	-77.67	-1,268.99	184.80	7,094.88	6,978.55	116.34	60.986		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,200.00	7,690.00	6,839.32	6,737.43	162.87	31.35	-77.63	-1,268.45	184.72	7,173.02	7,056.17	116.84	61.389	
14,300.00	7,690.00	6,836.29	6,734.45	165.47	31.33	-77.59	-1,267.92	184.63	7,251.68	7,134.35	117.34	61.803	
14,400.00	7,690.00	6,833.27	6,731.48	168.08	31.32	-77.56	-1,267.38	184.54	7,330.87	7,213.06	117.81	62.225	
14,500.00	7,690.00	6,830.25	6,728.50	170.69	31.30	-77.52	-1,266.85	184.45	7,410.56	7,292.29	118.27	62.657	
14,600.00	7,690.00	6,827.22	6,725.53	173.30	31.29	-77.48	-1,266.32	184.37	7,490.74	7,372.02	118.72	63.097	
14,700.00	7,690.00	6,824.20	6,722.55	175.91	31.28	-77.44	-1,265.78	184.28	7,571.38	7,452.24	119.15	63.545	
14,800.00	7,690.00	6,821.18	6,719.58	178.53	31.26	-77.40	-1,265.25	184.19	7,652.49	7,532.92	119.57	64.001	
14,900.00	7,690.00	6,818.15	6,716.61	181.15	31.25	-77.36	-1,264.71	184.10	7,734.03	7,614.06	119.97	64.465	
15,000.00	7,690.00	6,815.13	6,713.63	183.77	31.23	-77.32	-1,264.18	184.02	7,816.00	7,695.64	120.36	64.936	
15,100.00	7,690.00	6,812.11	6,710.66	186.39	31.22	-77.28	-1,263.64	183.93	7,898.39	7,777.64	120.74	65.414	
15,200.00	7,690.00	6,809.08	6,707.68	189.02	31.20	-77.24	-1,263.11	183.84	7,981.17	7,860.06	121.11	65.899	
15,300.00	7,690.00	6,806.06	6,704.71	191.65	31.19	-77.21	-1,262.57	183.75	8,064.35	7,942.88	121.47	66.390	
15,400.00	7,690.00	6,803.04	6,701.73	194.27	31.18	-77.17	-1,262.04	183.67	8,147.90	8,026.09	121.81	66.888	
15,500.00	7,690.00	6,800.01	6,698.76	196.91	31.16	-77.13	-1,261.50	183.58	8,231.82	8,109.67	122.15	67.391	
15,600.00	7,690.00	6,796.99	6,695.78	199.54	31.15	-77.09	-1,260.97	183.49	8,316.09	8,193.62	122.48	67.900	
15,700.00	7,690.00	6,793.97	6,692.81	202.17	31.13	-77.05	-1,260.43	183.41	8,400.71	8,277.92	122.79	68.415	
15,800.00	7,690.00	6,790.94	6,689.84	204.81	31.12	-77.01	-1,259.90	183.32	8,485.66	8,362.56	123.10	68.935	
15,900.00	7,690.00	6,787.92	6,686.86	207.45	31.10	-76.97	-1,259.37	183.23	8,570.93	8,447.54	123.39	69.461	
16,000.00	7,690.00	6,784.90	6,683.89	210.09	31.09	-76.93	-1,258.83	183.14	8,656.52	8,532.84	123.68	69.991	
16,100.00	7,690.00	6,781.87	6,680.91	212.73	31.08	-76.90	-1,258.30	183.06	8,742.42	8,618.46	123.96	70.526	
16,200.00	7,690.00	6,778.85	6,677.94	215.37	31.06	-76.86	-1,257.76	182.97	8,828.61	8,704.37	124.23	71.066	
16,300.00	7,690.00	6,775.82	6,674.96	218.02	31.05	-76.82	-1,257.23	182.88	8,915.08	8,790.59	124.49	71.610	
16,400.00	7,690.00	6,772.80	6,671.99	220.66	31.03	-76.78	-1,256.69	182.79	9,001.84	8,877.09	124.75	72.159	
16,500.00	7,690.00	6,769.78	6,669.02	223.31	31.02	-76.74	-1,256.16	182.71	9,088.86	8,963.87	125.00	72.712	
16,600.00	7,690.00	6,766.75	6,666.04	225.95	31.00	-76.70	-1,255.62	182.62	9,176.15	9,050.91	125.24	73.268	
16,700.00	7,690.00	6,763.73	6,663.07	228.60	30.99	-76.66	-1,255.09	182.53	9,263.70	9,138.23	125.47	73.829	
16,800.00	7,690.00	6,760.71	6,660.09	231.25	30.98	-76.62	-1,254.55	182.44	9,351.50	9,225.79	125.70	74.394	
16,900.00	7,690.00	6,757.68	6,657.12	233.90	30.96	-76.58	-1,254.02	182.36	9,439.53	9,313.61	125.92	74.962	
17,000.00	7,690.00	6,754.66	6,654.14	236.56	30.95	-76.55	-1,253.48	182.27	9,527.81	9,401.66	126.14	75.533	
17,100.00	7,690.00	6,751.64	6,651.17	239.21	30.93	-76.51	-1,252.95	182.18	9,616.31	9,489.96	126.35	76.108	
17,200.00	7,690.00	6,748.61	6,648.19	241.86	30.92	-76.47	-1,252.41	182.09	9,705.03	9,578.47	126.55	76.687	
17,300.00	7,690.00	6,745.59	6,645.22	244.52	30.90	-76.43	-1,251.88	182.01	9,793.97	9,667.22	126.75	77.268	
17,400.00	7,690.00	6,742.57	6,642.25	247.17	30.89	-76.39	-1,251.35	181.92	9,883.12	9,756.17	126.95	77.853	
17,500.00	7,690.00	6,739.54	6,639.27	249.83	30.88	-76.35	-1,250.81	181.83	9,972.47	9,845.34	127.13	78.441	
17,600.00	7,690.00	6,736.52	6,636.30	252.49	30.86	-76.31	-1,250.28	181.75	10,062.03	9,934.71	127.32	79.031	

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	180.00	-20.03	0.00	20.03					
100.00	100.00	100.00	100.00	0.27	0.27	180.00	-20.03	0.00	20.03	19.49	0.54	37.252		
200.00	200.00	200.00	200.00	0.63	0.63	180.00	-20.03	0.00	20.03	18.78	1.25	15.965		
300.00	300.00	300.00	300.00	0.99	0.99	180.00	-20.03	0.00	20.03	18.06	1.97	10.160	CC, ES	
400.00	399.98	399.98	399.98	1.34	1.34	167.77	-20.03	0.00	21.73	19.04	2.69	8.081		
500.00	499.84	499.84	499.84	1.71	1.70	170.12	-20.03	0.00	26.87	23.46	3.41	7.879		
600.00	599.45	600.64	600.62	2.07	2.06	171.99	-18.33	0.50	33.77	29.64	4.13	8.175		
700.00	698.70	701.69	701.52	2.45	2.43	172.94	-13.22	2.00	40.69	35.84	4.85	8.388		
800.00	797.47	802.98	802.42	2.85	2.80	173.39	-4.67	4.52	47.61	42.04	5.57	8.544		
900.00	895.62	904.53	903.19	3.28	3.17	173.51	7.32	8.05	54.50	48.21	6.29	8.659		
1,000.00	993.06	1,006.32	1,003.69	3.73	3.57	173.41	22.78	12.59	61.37	54.35	7.02	8.740		
1,100.00	1,089.64	1,108.37	1,103.80	4.23	4.00	173.17	41.71	18.16	68.19	60.44	7.75	8.794		
1,200.00	1,185.27	1,210.65	1,203.39	4.75	4.45	172.81	64.10	24.74	74.97	66.48	8.49	8.828		
1,300.00	1,279.82	1,313.18	1,302.31	5.33	4.94	172.37	89.95	32.35	81.70	72.45	9.24	8.839		
1,400.00	1,373.17	1,415.95	1,400.43	5.94	5.47	171.87	119.26	40.97	88.37	78.36	10.01	8.832		
1,500.00	1,465.21	1,518.96	1,497.61	6.60	6.05	171.31	152.00	50.59	94.97	84.19	10.78	8.808		
1,554.30	1,514.61	1,574.64	1,549.62	6.98	6.37	170.99	171.07	56.20	98.55	87.33	11.22	8.785		
1,600.00	1,556.00	1,620.24	1,592.10	7.30	6.65	170.75	186.95	60.88	101.70	90.09	11.61	8.760		
1,700.00	1,646.56	1,719.99	1,685.05	8.03	7.27	170.29	221.70	71.10	108.60	96.13	12.48	8.705		
1,800.00	1,737.13	1,819.75	1,778.00	8.76	7.90	169.89	256.45	81.32	115.51	102.15	13.36	8.648		
1,900.00	1,827.70	1,919.51	1,870.95	9.50	8.54	169.53	291.20	91.54	122.42	108.17	14.25	8.593		
2,000.00	1,918.27	2,019.27	1,963.90	10.25	9.18	169.21	325.96	101.76	129.34	114.19	15.15	8.540		
2,100.00	2,008.83	2,119.03	2,056.85	11.00	9.84	168.92	360.71	111.98	136.25	120.20	16.05	8.488		
2,200.00	2,099.40	2,218.78	2,149.80	11.76	10.50	168.66	395.46	122.20	143.18	126.21	16.97	8.439		
2,300.00	2,189.97	2,318.54	2,242.75	12.52	11.16	168.42	430.21	132.42	150.10	132.22	17.88	8.393		
2,400.00	2,280.53	2,418.30	2,335.70	13.28	11.83	168.21	464.96	142.64	157.03	138.22	18.81	8.349		
2,500.00	2,371.10	2,518.06	2,428.65	14.05	12.50	168.01	499.71	152.86	163.96	144.22	19.74	8.307		
2,600.00	2,461.67	2,617.82	2,521.60	14.81	13.17	167.83	534.46	163.08	170.89	150.22	20.67	8.267		
2,700.00	2,552.24	2,717.57	2,614.54	15.58	13.84	167.66	569.22	173.30	177.82	156.22	21.61	8.230		
2,800.00	2,642.80	2,817.33	2,707.49	16.35	14.52	167.51	603.97	183.52	184.76	162.21	22.54	8.195		
2,900.00	2,733.37	2,917.09	2,800.44	17.13	15.20	167.36	638.72	193.75	191.69	168.20	23.49	8.162		
3,000.00	2,823.94	3,016.85	2,893.39	17.90	15.88	167.23	673.47	203.97	198.63	174.20	24.43	8.130		
3,100.00	2,914.51	3,116.61	2,986.34	18.67	16.56	167.10	708.22	214.19	205.56	180.19	25.38	8.101		
3,200.00	3,005.07	3,216.37	3,079.29	19.45	17.24	166.99	742.97	224.41	212.50	186.18	26.32	8.073		
3,300.00	3,095.64	3,316.12	3,172.24	20.22	17.92	166.88	777.73	234.63	219.44	192.17	27.27	8.046		
3,400.00	3,186.21	3,415.88	3,265.19	21.00	18.61	166.78	812.48	244.85	226.38	198.16	28.23	8.021		
3,500.00	3,276.77	3,515.64	3,358.14	21.77	19.29	166.68	847.23	255.07	233.32	204.14	29.18	7.997		
3,600.00	3,367.34	3,615.40	3,451.09	22.55	19.98	166.59	881.98	265.29	240.26	210.13	30.13	7.974		
3,700.00	3,457.91	3,715.16	3,544.04	23.33	20.66	166.50	916.73	275.51	247.20	216.12	31.09	7.952		
3,800.00	3,548.48	3,814.91	3,636.99	24.11	21.35	166.42	951.48	285.73	254.15	222.10	32.04	7.931		
3,900.00	3,639.04	3,914.67	3,729.93	24.88	22.04	166.35	986.23	295.95	261.09	228.09	33.00	7.911		
4,000.00	3,729.61	4,014.43	3,822.88	25.66	22.72	166.27	1,020.99	306.17	268.03	234.07	33.96	7.893		
4,100.00	3,820.18	4,114.19	3,915.83	26.44	23.41	166.20	1,055.74	316.39	274.98	240.06	34.92	7.875		
4,200.00	3,910.74	4,213.95	4,008.78	27.22	24.10	166.14	1,090.49	326.62	281.92	246.04	35.88	7.858		
4,300.00	4,001.31	4,313.70	4,101.73	28.00	24.79	166.08	1,125.24	336.84	288.86	252.02	36.84	7.841		
4,400.00	4,091.88	4,413.46	4,194.68	28.78	25.48	166.02	1,159.99	347.06	295.81	258.01	37.80	7.825		
4,500.00	4,182.45	4,513.22	4,287.63	29.56	26.17	165.96	1,194.74	357.28	302.75	263.99	38.76	7.810		
4,600.00	4,273.01	4,612.98	4,380.58	30.34	26.86	165.91	1,229.49	367.50	309.70	269.97	39.73	7.796		
4,700.00	4,363.58	4,712.74	4,473.53	31.12	27.54	165.85	1,264.25	377.72	316.64	275.95	40.69	7.782		
4,800.00	4,454.15	4,812.49	4,566.48	31.90	28.23	165.81	1,299.00	387.94	323.59	281.94	41.65	7.769		
4,900.00	4,544.72	4,912.25	4,659.43	32.68	28.92	165.76	1,333.75	398.16	330.54	287.92	42.62	7.756		
5,000.00	4,635.28	5,012.01	4,752.38	33.46	29.61	165.71	1,368.50	408.38	337.48	293.90	43.58	7.743		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	5,111.77	4,845.32	34.24	30.31	165.67	1,403.25	418.60	344.43	299.88	44.55	7.732		
5,200.00	4,816.42	5,211.53	4,938.27	35.02	31.00	165.63	1,438.00	428.82	351.37	305.86	45.51	7.720		
5,300.00	4,906.98	5,311.29	5,031.22	35.81	31.69	165.59	1,472.76	439.04	358.32	311.84	46.48	7.709		
5,400.00	4,997.55	5,411.04	5,124.17	36.59	32.38	165.55	1,507.51	449.27	365.27	317.82	47.45	7.699		
5,500.00	5,088.12	5,510.80	5,217.12	37.37	33.07	165.51	1,542.26	459.49	372.21	323.80	48.41	7.688		
5,600.00	5,178.69	5,610.56	5,310.07	38.15	33.76	165.47	1,577.01	469.71	379.16	329.78	49.38	7.679		
5,700.00	5,269.25	5,710.32	5,403.02	38.93	34.45	165.44	1,611.76	479.93	386.11	335.76	50.35	7.669		
5,800.00	5,359.82	5,810.08	5,495.97	39.71	35.14	165.41	1,646.51	490.15	393.06	341.74	51.31	7.660		
5,900.00	5,450.39	5,909.83	5,588.92	40.50	35.83	165.37	1,681.26	500.37	400.00	347.72	52.28	7.651		
6,000.00	5,540.95	6,009.59	5,681.87	41.28	36.53	165.34	1,716.02	510.59	406.95	353.70	53.25	7.642		
6,100.00	5,631.52	6,109.35	5,774.82	42.06	37.22	165.31	1,750.77	520.81	413.90	359.68	54.22	7.634		
6,200.00	5,722.09	6,209.11	5,867.77	42.84	37.91	165.28	1,785.52	531.03	420.85	365.66	55.19	7.626		
6,300.00	5,812.66	6,308.87	5,960.72	43.62	38.60	165.25	1,820.27	541.25	427.79	371.64	56.16	7.618		
6,400.00	5,903.22	6,408.62	6,053.66	44.41	39.29	165.23	1,855.02	551.47	434.74	377.62	57.13	7.610		
6,500.00	5,993.79	6,508.38	6,146.61	45.19	39.99	165.20	1,889.77	561.69	441.69	383.60	58.10	7.603		
6,600.00	6,084.36	6,608.14	6,239.56	45.97	40.68	165.17	1,924.52	571.91	448.64	389.57	59.06	7.596		
6,700.00	6,174.93	6,707.90	6,332.51	46.75	41.37	165.15	1,959.28	582.14	455.59	395.55	60.03	7.589		
6,800.00	6,265.49	6,807.66	6,425.46	47.54	42.06	165.13	1,994.03	592.36	462.54	401.53	61.00	7.582		
6,900.00	6,356.06	6,907.42	6,518.41	48.32	42.76	165.10	2,028.78	602.58	469.48	407.51	61.97	7.576		
7,000.00	6,446.63	7,007.17	6,611.36	49.10	43.45	165.08	2,063.53	612.80	476.43	413.49	62.94	7.569		
7,100.00	6,537.19	7,106.93	6,704.31	49.88	44.14	165.06	2,098.28	623.02	483.38	419.47	63.91	7.563		
7,200.00	6,627.76	7,206.69	6,797.26	50.67	44.83	165.04	2,133.03	633.24	490.33	425.45	64.89	7.557		
7,300.00	6,718.33	7,306.45	6,890.21	51.45	45.53	165.02	2,167.78	643.46	497.28	431.42	65.86	7.551		
7,400.00	6,808.90	7,406.21	6,983.16	52.23	46.22	164.99	2,202.54	653.68	504.23	437.40	66.83	7.545		
7,500.00	6,899.46	7,505.96	7,076.11	53.01	46.91	164.98	2,237.29	663.90	511.18	443.38	67.80	7.540		
7,600.00	6,990.03	7,608.92	7,172.30	53.80	47.60	165.53	2,273.29	669.23	517.89	449.37	68.52	7.559		
7,700.00	7,080.60	7,708.42	7,264.67	54.58	48.18	167.90	2,307.99	657.41	524.35	455.89	68.46	7.659		
7,743.09	7,119.63	7,748.52	7,301.10	54.92	48.39	169.35	2,321.72	647.83	527.52	459.21	68.31	7.723		
7,750.00	7,125.88	7,754.77	7,306.72	54.97	48.42	171.11	2,323.83	646.10	528.07	459.79	68.28	7.734		
7,800.00	7,171.32	7,800.00	7,346.79	55.35	48.62	-175.88	2,338.96	631.60	532.40	464.27	68.13	7.814		
7,850.00	7,216.74	7,842.82	7,383.62	55.71	48.80	-163.02	2,352.89	614.79	537.26	469.19	68.07	7.893		
7,900.00	7,261.79	7,885.32	7,418.90	56.05	48.95	-151.05	2,366.25	595.26	542.56	474.50	68.06	7.971		
7,950.00	7,306.14	7,926.94	7,452.04	56.37	49.09	-140.46	2,378.84	573.47	548.19	480.10	68.09	8.050		
8,000.00	7,349.44	7,967.78	7,483.04	56.66	49.21	-131.41	2,390.63	549.63	554.05	485.91	68.14	8.131		
8,050.00	7,391.36	8,007.94	7,511.88	56.92	49.31	-123.78	2,401.63	523.96	560.03	491.84	68.18	8.213		
8,100.00	7,431.59	8,050.00	7,540.19	57.16	49.40	-117.33	2,412.46	494.82	566.02	497.78	68.25	8.294		
8,150.00	7,469.82	8,086.51	7,563.09	57.37	49.46	-112.05	2,421.24	467.78	571.92	503.68	68.24	8.381		
8,200.00	7,505.76	8,125.06	7,585.46	57.55	49.51	-107.55	2,429.85	437.60	577.64	509.40	68.25	8.464		
8,250.00	7,539.14	8,163.19	7,605.67	57.71	49.56	-103.78	2,437.66	406.23	583.10	514.85	68.25	8.543		
8,300.00	7,569.69	8,200.00	7,623.27	57.84	49.59	-100.62	2,444.50	374.64	588.22	519.97	68.25	8.618		
8,350.00	7,597.20	8,238.42	7,639.58	57.96	49.61	-97.95	2,450.87	340.45	592.91	524.60	68.32	8.679		
8,400.00	7,621.44	8,275.62	7,653.29	58.04	49.62	-95.74	2,456.26	306.30	597.13	528.72	68.41	8.729		
8,450.00	7,642.24	8,312.59	7,664.83	58.11	49.63	-93.94	2,460.85	271.48	600.80	532.25	68.56	8.764		
8,500.00	7,659.43	8,350.00	7,674.33	58.16	49.63	-92.50	2,464.68	235.51	603.90	535.11	68.78	8.780		
8,550.00	7,672.90	8,386.03	7,681.39	58.19	49.61	-91.41	2,467.59	200.31	606.37	537.27	69.10	8.776		
8,600.00	7,682.52	8,422.56	7,686.42	58.20	49.60	-90.64	2,469.75	164.19	608.18	538.67	69.51	8.750		
8,650.00	7,688.23	8,459.02	7,689.28	58.19	49.58	-90.17	2,471.09	127.88	609.32	539.31	70.01	8.703		
8,697.19	7,690.00	8,495.09	7,690.00	58.18	49.56	-90.00	2,471.64	91.82	609.76	539.18	70.58	8.639		
8,700.00	7,690.00	8,497.90	7,690.00	58.17	49.56	-90.00	2,471.66	89.01	609.76	539.14	70.62	8.635		
8,800.00	7,690.00	8,597.90	7,690.00	58.15	49.52	-90.00	2,472.41	-10.99	609.76	537.62	72.14	8.453		
8,900.00	7,690.00	8,697.90	7,690.00	58.17	49.54	-90.00	2,473.17	-110.99	609.76	535.74	74.02	8.238		
9,000.00	7,690.00	8,797.90	7,690.00	58.24	49.62	-90.00	2,473.92	-210.98	609.76	533.52	76.23	7.998		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,690.00	8,897.90	7,690.00	58.37	49.78	-90.00	2,474.67	-310.98	609.76	531.00	78.76	7.742		
9,200.00	7,690.00	8,997.90	7,690.00	58.56	50.05	-90.00	2,475.43	-410.98	609.76	528.19	81.56	7.476		
9,300.00	7,690.00	9,097.90	7,690.00	58.83	50.45	-90.00	2,476.18	-510.97	609.76	525.14	84.62	7.206		
9,400.00	7,690.00	9,197.90	7,690.00	59.19	51.02	-90.00	2,476.94	-610.97	609.76	521.86	87.90	6.937		
9,500.00	7,690.00	9,297.90	7,690.00	59.66	51.81	-90.00	2,477.69	-710.97	609.76	518.37	91.38	6.673		
9,600.00	7,690.00	9,397.90	7,690.00	60.26	52.83	-90.00	2,478.45	-810.97	609.76	514.71	95.04	6.415		
9,700.00	7,690.00	9,497.90	7,690.00	61.01	54.08	-90.00	2,479.20	-910.96	609.76	510.89	98.86	6.168		
9,800.00	7,690.00	9,597.90	7,690.00	61.93	55.55	-90.00	2,479.96	-1,010.96	609.76	506.93	102.83	5.930		
9,900.00	7,690.00	9,697.90	7,690.00	63.01	57.19	-90.00	2,480.71	-1,110.96	609.76	502.85	106.91	5.703		
10,000.00	7,690.00	9,797.90	7,690.00	64.27	58.98	-90.00	2,481.47	-1,210.95	609.76	498.65	111.11	5.488		
10,100.00	7,690.00	9,897.90	7,690.00	65.70	60.88	-90.00	2,482.22	-1,310.95	609.76	494.35	115.41	5.283		
10,200.00	7,690.00	9,997.90	7,690.00	67.27	62.87	-90.00	2,482.98	-1,410.95	609.76	489.96	119.80	5.090		
10,300.00	7,690.00	10,097.90	7,690.00	68.97	64.93	-90.00	2,483.73	-1,510.95	609.76	485.50	124.26	4.907		
10,400.00	7,690.00	10,197.90	7,690.00	70.79	67.06	-90.00	2,484.49	-1,610.94	609.76	480.96	128.80	4.734		
10,500.00	7,690.00	10,297.90	7,690.00	72.70	69.24	-90.00	2,485.24	-1,710.94	609.76	476.36	133.40	4.571		
10,600.00	7,690.00	10,397.90	7,690.00	74.69	71.46	-90.00	2,485.99	-1,810.94	609.76	471.70	138.06	4.417		
10,700.00	7,690.00	10,497.90	7,690.00	76.74	73.73	-90.00	2,486.75	-1,910.93	609.76	466.99	142.77	4.271		
10,800.00	7,690.00	10,597.90	7,690.00	78.86	76.02	-90.00	2,487.50	-2,010.93	609.76	462.23	147.53	4.133		
10,900.00	7,690.00	10,697.90	7,690.00	81.03	78.35	-90.00	2,488.26	-2,110.93	609.76	457.43	152.33	4.003		
11,000.00	7,690.00	10,797.90	7,690.00	83.24	80.70	-90.00	2,489.01	-2,210.93	609.76	452.59	157.17	3.880		
11,100.00	7,690.00	10,897.90	7,690.00	85.49	83.07	-90.00	2,489.77	-2,310.92	609.76	447.72	162.04	3.763		
11,200.00	7,690.00	10,997.90	7,690.00	87.77	85.47	-90.00	2,490.52	-2,410.92	609.76	442.82	166.95	3.652		
11,300.00	7,690.00	11,097.90	7,690.00	90.09	87.88	-90.00	2,491.28	-2,510.92	609.76	437.88	171.88	3.548		
11,400.00	7,690.00	11,197.90	7,690.00	92.43	90.31	-90.00	2,492.03	-2,610.91	609.76	432.92	176.85	3.448		
11,500.00	7,690.00	11,297.90	7,690.00	94.79	92.76	-90.00	2,492.79	-2,710.91	609.76	427.93	181.83	3.353		
11,600.00	7,690.00	11,397.90	7,690.00	97.17	95.22	-90.00	2,493.54	-2,810.91	609.76	422.92	186.84	3.264		
11,700.00	7,690.00	11,497.90	7,690.00	99.57	97.70	-90.00	2,494.30	-2,910.91	609.77	417.89	191.87	3.178		
11,800.00	7,690.00	11,597.90	7,690.00	101.99	100.18	-90.00	2,495.05	-3,010.90	609.77	412.84	196.92	3.096		
11,900.00	7,690.00	11,697.90	7,690.00	104.43	102.68	-90.00	2,495.80	-3,110.90	609.77	407.77	201.99	3.019		
12,000.00	7,690.00	11,797.90	7,690.00	106.88	105.19	-90.00	2,496.56	-3,210.90	609.77	402.69	207.08	2.945		
12,100.00	7,690.00	11,897.90	7,690.00	109.34	107.70	-90.00	2,497.31	-3,310.89	609.77	397.59	212.18	2.874		
12,200.00	7,690.00	11,997.90	7,690.00	111.81	110.23	-90.00	2,498.07	-3,410.89	609.77	392.48	217.29	2.806		
12,300.00	7,690.00	12,097.90	7,690.00	114.30	112.76	-90.00	2,498.82	-3,510.89	609.77	387.35	222.42	2.742		
12,400.00	7,690.00	12,197.90	7,690.00	116.79	115.30	-90.00	2,499.58	-3,610.89	609.77	382.21	227.56	2.680		
12,500.00	7,690.00	12,297.90	7,690.00	119.30	117.85	-90.00	2,500.33	-3,710.88	609.77	377.06	232.71	2.620		
12,600.00	7,690.00	12,397.90	7,690.00	121.81	120.40	-90.00	2,501.09	-3,810.88	609.77	371.90	237.87	2.563		
12,700.00	7,690.00	12,497.90	7,690.00	124.33	122.96	-90.00	2,501.84	-3,910.88	609.77	366.72	243.04	2.509		
12,800.00	7,690.00	12,597.90	7,690.00	126.86	125.53	-90.00	2,502.60	-4,010.87	609.77	361.54	248.23	2.457		
12,900.00	7,690.00	12,697.90	7,690.00	129.40	128.10	-90.00	2,503.35	-4,110.87	609.77	356.35	253.42	2.406		
13,000.00	7,690.00	12,797.90	7,690.00	131.94	130.68	-90.00	2,504.11	-4,210.87	609.77	351.15	258.62	2.358		
13,100.00	7,690.00	12,897.90	7,690.00	134.49	133.26	-90.00	2,504.86	-4,310.87	609.77	345.95	263.82	2.311		
13,200.00	7,690.00	12,997.90	7,690.00	137.05	135.85	-90.00	2,505.61	-4,410.86	609.77	340.73	269.04	2.266		
13,300.00	7,690.00	13,097.90	7,690.00	139.61	138.44	-90.00	2,506.37	-4,510.86	609.77	335.51	274.26	2.223		
13,400.00	7,690.00	13,197.90	7,690.00	142.18	141.03	-90.00	2,507.12	-4,610.86	609.77	330.28	279.49	2.182		
13,500.00	7,690.00	13,297.90	7,690.00	144.75	143.63	-90.00	2,507.88	-4,710.85	609.77	325.05	284.72	2.142		
13,600.00	7,690.00	13,397.90	7,690.00	147.33	146.23	-90.00	2,508.63	-4,810.85	609.77	319.81	289.96	2.103		
13,700.00	7,690.00	13,497.90	7,690.00	149.91	148.84	-90.00	2,509.39	-4,910.85	609.77	314.56	295.21	2.066		
13,800.00	7,690.00	13,597.90	7,690.00	152.49	151.44	-90.00	2,510.14	-5,010.85	609.77	309.31	300.46	2.029		
13,900.00	7,690.00	13,697.90	7,690.00	155.08	154.06	-90.00	2,510.90	-5,110.84	609.77	304.06	305.72	1.995		
14,000.00	7,690.00	13,797.90	7,690.00	157.67	156.67	-90.00	2,511.65	-5,210.84	609.77	298.79	310.98	1.961		
14,100.00	7,690.00	13,897.90	7,690.00	160.27	159.29	-90.00	2,512.41	-5,310.84	609.77	293.53	316.24	1.928		
14,200.00	7,690.00	13,997.90	7,690.00	162.87	161.91	-90.00	2,513.16	-5,410.83	609.77	288.26	321.51	1.897		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,690.00	14,097.90	7,690.00	165.47	164.53	-90.00	2,513.92	-5,510.83	609.77	282.99	326.79	1.866		
14,400.00	7,690.00	14,197.90	7,690.00	168.08	167.15	-90.00	2,514.67	-5,610.83	609.77	277.71	332.07	1.836		
14,500.00	7,690.00	14,297.90	7,690.00	170.69	169.78	-90.00	2,515.42	-5,710.83	609.77	272.43	337.35	1.808		
14,600.00	7,690.00	14,397.90	7,690.00	173.30	172.41	-90.00	2,516.18	-5,810.82	609.77	267.14	342.63	1.780		
14,700.00	7,690.00	14,497.90	7,690.00	175.91	175.04	-90.00	2,516.93	-5,910.82	609.78	261.85	347.92	1.753		
14,800.00	7,690.00	14,597.90	7,690.00	178.53	177.67	-90.00	2,517.69	-6,010.82	609.78	256.56	353.21	1.726		
14,900.00	7,690.00	14,697.90	7,690.00	181.15	180.31	-90.00	2,518.44	-6,110.81	609.78	251.27	358.51	1.701		
15,000.00	7,690.00	14,797.90	7,690.00	183.77	182.94	-90.00	2,519.20	-6,210.81	609.78	245.97	363.81	1.676		
15,100.00	7,690.00	14,897.90	7,690.00	186.39	185.58	-90.00	2,519.95	-6,310.81	609.78	240.67	369.11	1.652		
15,200.00	7,690.00	14,997.90	7,690.00	189.02	188.22	-90.00	2,520.71	-6,410.81	609.78	235.37	374.41	1.629		
15,300.00	7,690.00	15,097.90	7,690.00	191.65	190.86	-90.00	2,521.46	-6,510.80	609.78	230.06	379.72	1.606		
15,400.00	7,690.00	15,197.90	7,690.00	194.27	193.51	-90.00	2,522.22	-6,610.80	609.78	224.75	385.03	1.584		
15,500.00	7,690.00	15,297.90	7,690.00	196.91	196.15	-90.00	2,522.97	-6,710.80	609.78	219.44	390.34	1.562		
15,600.00	7,690.00	15,397.90	7,690.00	199.54	198.80	-90.00	2,523.73	-6,810.79	609.78	214.13	395.65	1.541		
15,700.00	7,690.00	15,497.90	7,690.00	202.17	201.45	-90.00	2,524.48	-6,910.79	609.78	208.81	400.97	1.521		
15,800.00	7,690.00	15,597.90	7,690.00	204.81	204.09	-90.00	2,525.24	-7,010.79	609.78	203.49	406.28	1.501		
15,900.00	7,690.00	15,697.90	7,690.00	207.45	206.74	-90.00	2,525.99	-7,110.79	609.78	198.18	411.60	1.481 Level 3		
16,000.00	7,690.00	15,797.90	7,690.00	210.09	209.40	-90.00	2,526.74	-7,210.78	609.78	192.85	416.93	1.463 Level 3		
16,100.00	7,690.00	15,897.90	7,690.00	212.73	212.05	-90.00	2,527.50	-7,310.78	609.78	187.53	422.25	1.444 Level 3		
16,200.00	7,690.00	15,997.90	7,690.00	215.37	214.70	-90.00	2,528.25	-7,410.78	609.78	182.21	427.57	1.426 Level 3		
16,300.00	7,690.00	16,097.90	7,690.00	218.02	217.36	-90.00	2,529.01	-7,510.77	609.78	176.88	432.90	1.409 Level 3		
16,400.00	7,690.00	16,197.90	7,690.00	220.66	220.01	-90.00	2,529.76	-7,610.77	609.78	171.55	438.23	1.391 Level 3		
16,500.00	7,690.00	16,297.90	7,690.00	223.31	222.67	-90.00	2,530.52	-7,710.77	609.78	166.22	443.56	1.375 Level 3		
16,600.00	7,690.00	16,397.90	7,690.00	225.95	225.33	-90.00	2,531.27	-7,810.77	609.78	160.89	448.89	1.358 Level 3		
16,700.00	7,690.00	16,497.90	7,690.00	228.60	227.98	-90.00	2,532.03	-7,910.76	609.78	155.56	454.23	1.342 Level 3		
16,800.00	7,690.00	16,597.90	7,690.00	231.25	230.64	-90.00	2,532.78	-8,010.76	609.78	150.22	459.56	1.327 Level 3		
16,900.00	7,690.00	16,697.90	7,690.00	233.90	233.30	-90.00	2,533.54	-8,110.76	609.78	144.89	464.90	1.312 Level 3		
17,000.00	7,690.00	16,797.90	7,690.00	236.56	235.97	-90.00	2,534.29	-8,210.75	609.78	139.55	470.23	1.297 Level 3		
17,100.00	7,690.00	16,897.90	7,690.00	239.21	238.63	-90.00	2,535.05	-8,310.75	609.78	134.21	475.57	1.282 Level 3		
17,200.00	7,690.00	16,997.90	7,690.00	241.86	241.29	-90.00	2,535.80	-8,410.75	609.78	128.87	480.91	1.268 Level 3		
17,300.00	7,690.00	17,097.90	7,690.00	244.52	243.95	-90.00	2,536.55	-8,510.75	609.78	123.53	486.26	1.254 Level 3		
17,400.00	7,690.00	17,197.90	7,690.00	247.17	246.62	-90.00	2,537.31	-8,610.74	609.78	118.19	491.60	1.240 Level 2		
17,500.00	7,690.00	17,297.90	7,690.00	249.83	249.28	-90.00	2,538.06	-8,710.74	609.78	112.84	496.94	1.227 Level 2		
17,600.00	7,690.00	17,397.90	7,690.00	252.49	251.95	-90.00	2,538.82	-8,810.74	609.78	107.50	502.29	1.214 Level 2		
17,700.00	7,690.00	17,497.90	7,690.00	255.15	254.61	-90.00	2,539.57	-8,910.74	609.79	102.15	507.63	1.201 Level 2		
17,800.00	7,690.00	17,597.90	7,690.00	257.81	257.28	-90.00	2,540.33	-9,010.73	609.79	96.81	512.98	1.189 Level 2		
17,900.00	7,690.00	17,697.90	7,690.00	260.47	259.95	-90.00	2,541.08	-9,110.73	609.79	91.46	518.33	1.176 Level 2		
18,000.00	7,690.00	17,797.90	7,690.00	263.13	262.62	-90.00	2,541.84	-9,210.73	609.79	86.11	523.68	1.164 Level 2		
18,100.00	7,690.00	17,897.90	7,690.00	265.79	265.29	-90.00	2,542.59	-9,310.72	609.79	80.76	529.03	1.153 Level 2		
18,200.00	7,690.00	17,997.90	7,690.00	268.45	267.96	-90.00	2,543.35	-9,410.72	609.79	75.41	534.38	1.141 Level 2		
18,300.00	7,690.00	18,097.90	7,690.00	271.11	270.63	-90.00	2,544.10	-9,510.72	609.79	70.06	539.73	1.130 Level 2		
18,400.00	7,690.00	18,197.90	7,690.00	273.78	273.30	-90.00	2,544.86	-9,610.72	609.79	64.70	545.08	1.119 Level 2		
18,500.00	7,690.00	18,297.90	7,690.00	276.44	275.97	-90.00	2,545.61	-9,710.71	609.79	59.35	550.44	1.108 Level 2		
18,510.78	7,690.00	18,308.69	7,690.00	276.73	276.25	-90.00	2,545.69	-9,721.49	609.79	58.77	551.01	1.107 Level 2		
18,602.86	7,690.00	18,398.94	7,690.00	279.18	278.67	-90.00	2,546.37	-9,811.74	609.79	54.04	555.76	1.097 Level 2, SF		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	-180.00	-39.71	0.00	39.71					
100.00	100.00	100.00	100.00	0.27	0.27	-180.00	-39.71	0.00	39.71	39.17	0.54	73.842		
200.00	200.00	200.00	200.00	0.63	0.63	-180.00	-39.71	0.00	39.71	38.45	1.25	31.647		
300.00	300.00	300.00	300.00	0.99	0.99	-180.00	-39.71	0.00	39.71	37.73	1.97	20.139 CC, ES		
400.00	399.98	399.98	399.98	1.34	1.34	167.27	-39.71	0.00	41.41	38.72	2.69	15.397		
500.00	499.84	499.84	499.84	1.71	1.70	168.67	-39.71	0.00	46.53	43.11	3.41	13.642		
600.00	599.45	599.45	599.45	2.07	2.06	170.42	-39.71	0.00	55.10	50.96	4.13	13.332		
700.00	698.70	698.70	698.70	2.45	2.42	172.12	-39.71	0.00	67.15	62.29	4.86	13.829		
800.00	797.47	800.23	800.21	2.85	2.78	173.30	-38.07	0.63	81.02	75.44	5.58	14.515		
900.00	895.62	902.29	902.12	3.28	3.15	173.83	-33.05	2.58	94.94	88.63	6.31	15.046		
1,000.00	993.06	1,004.86	1,004.28	3.73	3.52	173.95	-24.60	5.87	108.87	101.83	7.04	15.460		
1,100.00	1,089.64	1,107.93	1,106.55	4.23	3.90	173.80	-12.68	10.50	122.79	115.01	7.78	15.786		
1,200.00	1,185.27	1,211.50	1,208.79	4.75	4.30	173.46	2.75	16.49	136.68	128.15	8.52	16.038		
1,300.00	1,279.82	1,315.58	1,310.86	5.33	4.72	172.98	21.71	23.85	150.53	141.25	9.27	16.232		
1,400.00	1,373.17	1,420.17	1,412.61	5.94	5.18	172.38	44.23	32.60	164.33	154.30	10.04	16.372		
1,500.00	1,465.21	1,525.25	1,513.89	6.60	5.67	171.71	70.33	42.74	178.09	167.27	10.82	16.465		
1,554.30	1,514.61	1,581.25	1,567.43	6.98	5.94	171.32	85.59	48.67	185.60	174.34	11.25	16.493		
1,600.00	1,556.00	1,626.46	1,610.62	7.30	6.17	171.06	98.08	53.52	192.16	180.53	11.63	16.520		
1,700.00	1,646.56	1,725.41	1,705.12	8.03	6.68	170.54	125.42	64.14	206.55	194.08	12.47	16.564		
1,800.00	1,737.13	1,824.35	1,799.61	8.76	7.21	170.08	152.75	74.75	220.96	207.64	13.32	16.588		
1,900.00	1,827.70	1,923.29	1,894.11	9.50	7.75	169.68	180.08	85.37	235.37	221.19	14.18	16.598		
2,000.00	1,918.27	2,022.24	1,988.61	10.25	8.29	169.33	207.42	95.99	249.79	234.74	15.05	16.598		
2,100.00	2,008.83	2,121.18	2,083.11	11.00	8.84	169.01	234.75	106.60	264.23	248.30	15.93	16.590		
2,200.00	2,099.40	2,220.12	2,177.61	11.76	9.40	168.73	262.09	117.22	278.67	261.86	16.81	16.578		
2,300.00	2,189.97	2,319.07	2,272.10	12.52	9.96	168.48	289.42	127.84	293.11	275.41	17.70	16.561		
2,400.00	2,280.53	2,418.01	2,366.60	13.28	10.53	168.25	316.76	138.45	307.56	288.97	18.59	16.542		
2,500.00	2,371.10	2,516.95	2,461.10	14.05	11.10	168.04	344.09	149.07	322.02	302.53	19.49	16.522		
2,600.00	2,461.67	2,615.89	2,555.60	14.81	11.67	167.85	371.43	159.69	336.48	316.08	20.39	16.500		
2,700.00	2,552.24	2,714.84	2,650.10	15.58	12.24	167.67	398.76	170.31	350.94	329.64	21.30	16.478		
2,800.00	2,642.80	2,813.78	2,744.59	16.35	12.82	167.51	426.10	180.92	365.40	343.20	22.21	16.456		
2,900.00	2,733.37	2,912.72	2,839.09	17.13	13.40	167.36	453.43	191.54	379.87	356.76	23.12	16.433		
3,000.00	2,823.94	3,011.67	2,933.59	17.90	13.98	167.22	480.76	202.16	394.34	370.31	24.03	16.411		
3,100.00	2,914.51	3,110.61	3,028.09	18.67	14.56	167.09	508.10	212.77	408.82	383.87	24.94	16.389		
3,200.00	3,005.07	3,209.55	3,122.58	19.45	15.14	166.97	535.43	223.39	423.29	397.43	25.86	16.367		
3,300.00	3,095.64	3,308.50	3,217.08	20.22	15.73	166.86	562.77	234.01	437.77	410.99	26.78	16.346		
3,400.00	3,186.21	3,407.44	3,311.58	21.00	16.31	166.75	590.10	244.62	452.24	424.54	27.70	16.326		
3,500.00	3,276.77	3,506.38	3,406.08	21.77	16.90	166.66	617.44	255.24	466.72	438.10	28.62	16.306		
3,600.00	3,367.34	3,605.33	3,500.58	22.55	17.49	166.56	644.77	265.86	481.20	451.66	29.55	16.286		
3,700.00	3,457.91	3,704.27	3,595.07	23.33	18.07	166.48	672.11	276.48	495.68	465.21	30.47	16.267		
3,800.00	3,548.48	3,803.21	3,689.57	24.11	18.66	166.40	699.44	287.09	510.17	478.77	31.40	16.249		
3,900.00	3,639.04	3,902.16	3,784.07	24.88	19.25	166.32	726.78	297.71	524.65	492.33	32.32	16.231		
4,000.00	3,729.61	4,001.10	3,878.57	25.66	19.84	166.24	754.11	308.33	539.13	505.88	33.25	16.214		
4,100.00	3,820.18	4,100.04	3,973.07	26.44	20.43	166.17	781.44	318.94	553.62	519.44	34.18	16.197		
4,200.00	3,910.74	4,198.99	4,067.56	27.22	21.02	166.11	808.78	329.56	568.11	533.00	35.11	16.181		
4,300.00	4,001.31	4,297.93	4,162.06	28.00	21.61	166.05	836.11	340.18	582.59	546.55	36.04	16.166		
4,400.00	4,091.88	4,396.87	4,256.56	28.78	22.20	165.99	863.45	350.80	597.08	560.11	36.97	16.151		
4,500.00	4,182.45	4,495.82	4,351.06	29.56	22.79	165.93	890.78	361.41	611.57	573.67	37.90	16.136		
4,600.00	4,273.01	4,594.76	4,445.56	30.34	23.38	165.87	918.12	372.03	626.06	587.22	38.83	16.122		
4,700.00	4,363.58	4,693.70	4,540.05	31.12	23.98	165.82	945.45	382.65	640.55	600.78	39.76	16.108		
4,800.00	4,454.15	4,792.64	4,634.55	31.90	24.57	165.77	972.79	393.26	655.03	614.34	40.70	16.095		
4,900.00	4,544.72	4,891.59	4,729.05	32.68	25.16	165.73	1,000.12	403.88	669.52	627.89	41.63	16.082		
5,000.00	4,635.28	4,990.53	4,823.55	33.46	25.75	165.68	1,027.46	414.50	684.01	641.45	42.57	16.070		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	5,089.47	4,918.04	34.24	26.35	165.64	1,054.79	425.11	698.51	655.01	43.50	16.058		
5,200.00	4,816.42	5,188.42	5,012.54	35.02	26.94	165.60	1,082.12	435.73	713.00	668.56	44.43	16.046		
5,300.00	4,906.98	5,287.36	5,107.04	35.81	27.53	165.56	1,109.46	446.35	727.49	682.12	45.37	16.035		
5,400.00	4,997.55	5,386.30	5,201.54	36.59	28.13	165.52	1,136.79	456.97	741.98	695.67	46.31	16.024		
5,500.00	5,088.12	5,485.25	5,296.04	37.37	28.72	165.48	1,164.13	467.58	756.47	709.23	47.24	16.013		
5,600.00	5,178.69	5,584.19	5,390.53	38.15	29.32	165.44	1,191.46	478.20	770.96	722.79	48.18	16.003		
5,700.00	5,269.25	5,683.13	5,485.03	38.93	29.91	165.41	1,218.80	488.82	785.46	736.34	49.11	15.993		
5,800.00	5,359.82	5,782.08	5,579.53	39.71	30.50	165.38	1,246.13	499.43	799.95	749.90	50.05	15.983		
5,900.00	5,450.39	5,881.02	5,674.03	40.50	31.10	165.35	1,273.47	510.05	814.44	763.46	50.99	15.973		
6,000.00	5,540.95	5,979.96	5,768.53	41.28	31.69	165.31	1,300.80	520.67	828.94	777.01	51.92	15.964		
6,100.00	5,631.52	6,078.91	5,863.02	42.06	32.29	165.29	1,328.13	531.29	843.43	790.57	52.86	15.955		
6,200.00	5,722.09	6,177.85	5,957.52	42.84	32.88	165.26	1,355.47	541.90	857.92	804.12	53.80	15.946		
6,300.00	5,812.66	6,276.79	6,052.02	43.62	33.48	165.23	1,382.80	552.52	872.42	817.68	54.74	15.938		
6,400.00	5,903.22	6,375.74	6,146.52	44.41	34.07	165.20	1,410.14	563.14	886.91	831.24	55.68	15.930		
6,500.00	5,993.79	6,474.68	6,241.02	45.19	34.67	165.18	1,437.47	573.75	901.41	844.79	56.62	15.922		
6,600.00	6,084.36	6,573.62	6,335.51	45.97	35.26	165.15	1,464.81	584.37	915.90	858.35	57.55	15.914		
6,700.00	6,174.93	6,672.56	6,430.01	46.75	35.86	165.13	1,492.14	594.99	930.40	871.90	58.49	15.906		
6,800.00	6,265.49	6,771.51	6,524.51	47.54	36.45	165.10	1,519.48	605.60	944.89	885.46	59.43	15.899		
6,900.00	6,356.06	6,870.45	6,619.01	48.32	37.05	165.08	1,546.81	616.22	959.39	899.02	60.37	15.891		
7,000.00	6,446.63	6,969.39	6,713.50	49.10	37.65	165.06	1,574.15	626.84	973.88	912.57	61.31	15.884		
7,100.00	6,537.19	7,068.34	6,808.00	49.88	38.24	165.04	1,601.48	637.46	988.38	926.13	62.25	15.877		
7,200.00	6,627.76	7,167.28	6,902.50	50.67	38.84	165.02	1,628.81	648.07	1,002.87	939.68	63.19	15.871		
7,300.00	6,718.33	7,266.22	6,997.00	51.45	39.43	164.99	1,656.15	658.69	1,017.37	953.24	64.13	15.864		
7,400.00	6,808.90	7,366.04	7,092.34	52.23	40.03	164.98	1,683.73	669.30	1,031.86	966.79	65.07	15.857		
7,500.00	6,899.46	7,472.12	7,194.07	53.01	40.61	165.61	1,713.24	668.85	1,045.92	980.17	65.75	15.907		
7,600.00	6,990.03	7,571.06	7,287.35	53.80	41.03	167.13	1,740.44	650.85	1,059.82	993.82	65.99	16.060		
7,700.00	7,080.60	7,658.49	7,366.22	54.58	41.33	169.16	1,763.55	621.25	1,074.81	1,008.82	65.99	16.286		
7,743.09	7,119.63	7,692.18	7,395.30	54.92	41.42	170.10	1,772.10	606.55	1,081.98	1,016.02	65.96	16.403		
7,750.00	7,125.88	7,697.38	7,399.70	54.97	41.43	171.82	1,773.39	604.13	1,083.18	1,017.23	65.96	16.423		
7,800.00	7,171.32	7,734.42	7,430.49	55.35	41.52	-175.38	1,782.47	585.65	1,092.22	1,026.29	65.93	16.567		
7,850.00	7,216.74	7,770.57	7,459.37	55.71	41.59	-162.66	1,790.99	565.66	1,101.75	1,035.83	65.92	16.714		
7,900.00	7,261.79	7,805.97	7,486.42	56.05	41.65	-150.81	1,799.00	544.28	1,111.64	1,045.71	65.93	16.862		
7,950.00	7,306.14	7,840.72	7,511.68	56.37	41.70	-140.33	1,806.50	521.64	1,121.73	1,055.79	65.94	17.011		
8,000.00	7,349.44	7,874.91	7,535.21	56.66	41.74	-131.35	1,813.51	497.84	1,131.89	1,065.92	65.97	17.158		
8,050.00	7,391.36	7,908.64	7,557.03	56.92	41.77	-123.78	1,820.03	472.97	1,141.98	1,075.98	66.00	17.303		
8,100.00	7,431.59	7,941.95	7,577.17	57.16	41.79	-117.43	1,826.07	447.14	1,151.87	1,085.84	66.04	17.443		
8,150.00	7,469.82	7,974.92	7,595.64	57.37	41.80	-112.10	1,831.63	420.41	1,161.44	1,095.36	66.08	17.575		
8,200.00	7,505.76	8,000.00	7,608.69	57.55	41.80	-107.73	1,835.57	399.36	1,170.62	1,104.51	66.11	17.708		
8,250.00	7,539.14	8,040.00	7,627.63	57.71	41.80	-103.84	1,841.33	364.61	1,179.18	1,112.95	66.23	17.805		
8,300.00	7,569.69	8,072.19	7,641.15	57.84	41.79	-100.66	1,845.47	335.70	1,187.14	1,120.80	66.34	17.894		
8,350.00	7,597.20	8,100.00	7,651.55	57.96	41.78	-98.04	1,848.69	310.11	1,194.40	1,127.94	66.47	17.970		
8,400.00	7,621.44	8,136.03	7,663.24	58.04	41.76	-95.78	1,852.33	276.23	1,200.85	1,134.15	66.69	18.006		
8,450.00	7,642.24	8,167.75	7,671.82	58.11	41.73	-93.97	1,855.05	245.82	1,206.44	1,139.50	66.94	18.022		
8,500.00	7,659.43	8,200.00	7,678.87	58.16	41.71	-92.52	1,857.34	214.44	1,211.12	1,143.87	67.25	18.009		
8,550.00	7,672.90	8,230.88	7,684.02	58.19	41.68	-91.42	1,859.06	184.04	1,214.84	1,147.21	67.63	17.963		
8,600.00	7,682.52	8,262.34	7,687.64	58.20	41.65	-90.64	1,860.35	152.82	1,217.56	1,149.49	68.07	17.888		
8,650.00	7,688.23	8,300.00	7,689.80	58.19	41.61	-90.15	1,861.26	115.24	1,219.28	1,150.69	68.59	17.776		
8,697.19	7,690.00	8,328.07	7,690.00	58.18	41.58	-90.00	1,861.53	87.17	1,219.88	1,150.75	69.13	17.646		
8,700.00	7,690.00	8,330.88	7,690.00	58.17	41.58	-90.00	1,861.55	84.36	1,219.88	1,150.71	69.17	17.636		
8,800.00	7,690.00	8,430.88	7,690.00	58.15	41.52	-90.00	1,862.31	-15.63	1,219.88	1,149.12	70.75	17.242		
8,900.00	7,690.00	8,530.88	7,690.00	58.17	41.53	-90.00	1,863.07	-115.63	1,219.87	1,147.19	72.68	16.783		
9,000.00	7,690.00	8,630.88	7,690.00	58.24	41.64	-90.00	1,863.82	-215.63	1,219.87	1,144.91	74.96	16.274		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,690.00	8,730.88	7,690.00	58.37	41.93	-90.00	1,864.58	-315.62	1,219.87	1,142.32	77.54	15.732		
9,200.00	7,690.00	8,830.88	7,690.00	58.56	42.48	-90.00	1,865.34	-415.62	1,219.86	1,139.46	80.41	15.171		
9,300.00	7,690.00	8,930.88	7,690.00	58.83	43.40	-90.00	1,866.10	-515.62	1,219.86	1,136.34	83.52	14.606		
9,400.00	7,690.00	9,030.88	7,690.00	59.19	44.68	-90.00	1,866.86	-615.62	1,219.86	1,133.00	86.86	14.044		
9,500.00	7,690.00	9,130.88	7,690.00	59.66	46.23	-90.00	1,867.61	-715.61	1,219.85	1,129.46	90.39	13.495		
9,600.00	7,690.00	9,230.88	7,690.00	60.26	47.96	-90.00	1,868.37	-815.61	1,219.85	1,125.74	94.11	12.962		
9,700.00	7,690.00	9,330.88	7,690.00	61.01	49.82	-90.00	1,869.13	-915.61	1,219.85	1,121.87	97.98	12.450		
9,800.00	7,690.00	9,430.88	7,690.00	61.93	51.78	-90.00	1,869.89	-1,015.60	1,219.85	1,117.86	101.98	11.961		
9,900.00	7,690.00	9,530.88	7,690.00	63.01	53.82	-90.00	1,870.65	-1,115.60	1,219.84	1,113.73	106.12	11.495		
10,000.00	7,690.00	9,630.88	7,690.00	64.27	55.92	-90.00	1,871.40	-1,215.60	1,219.84	1,109.48	110.36	11.054		
10,100.00	7,690.00	9,730.88	7,690.00	65.70	58.07	-90.00	1,872.16	-1,315.60	1,219.84	1,105.14	114.69	10.636		
10,200.00	7,690.00	9,830.88	7,690.00	67.27	60.28	-90.00	1,872.92	-1,415.59	1,219.83	1,100.72	119.12	10.241		
10,300.00	7,690.00	9,930.88	7,690.00	68.97	62.52	-90.00	1,873.68	-1,515.59	1,219.83	1,096.21	123.62	9.868		
10,400.00	7,690.00	10,030.88	7,690.00	70.79	64.80	-90.00	1,874.44	-1,615.59	1,219.83	1,091.64	128.19	9.516		
10,500.00	7,690.00	10,130.88	7,690.00	72.70	67.11	-90.00	1,875.19	-1,715.58	1,219.82	1,087.01	132.82	9.184		
10,600.00	7,690.00	10,230.88	7,690.00	74.69	69.45	-90.00	1,875.95	-1,815.58	1,219.82	1,082.32	137.51	8.871		
10,700.00	7,690.00	10,330.88	7,690.00	76.74	71.81	-90.00	1,876.71	-1,915.58	1,219.82	1,077.57	142.24	8.576		
10,800.00	7,690.00	10,430.88	7,690.00	78.86	74.20	-90.00	1,877.47	-2,015.58	1,219.82	1,072.79	147.03	8.297		
10,900.00	7,690.00	10,530.88	7,690.00	81.03	76.61	-90.00	1,878.23	-2,115.57	1,219.81	1,067.96	151.85	8.033		
11,000.00	7,690.00	10,630.88	7,690.00	83.24	79.03	-90.00	1,878.98	-2,215.57	1,219.81	1,063.10	156.71	7.784		
11,100.00	7,690.00	10,730.88	7,690.00	85.49	81.48	-90.00	1,879.74	-2,315.57	1,219.81	1,058.20	161.61	7.548		
11,200.00	7,690.00	10,830.88	7,690.00	87.77	83.93	-90.00	1,880.50	-2,415.56	1,219.80	1,053.27	166.53	7.325		
11,300.00	7,690.00	10,930.88	7,690.00	90.09	86.41	-90.00	1,881.26	-2,515.56	1,219.80	1,048.31	171.49	7.113		
11,400.00	7,690.00	11,030.88	7,690.00	92.43	88.89	-90.00	1,882.02	-2,615.56	1,219.80	1,043.33	176.47	6.912		
11,500.00	7,690.00	11,130.88	7,690.00	94.79	91.39	-90.00	1,882.77	-2,715.56	1,219.79	1,038.32	181.47	6.722		
11,600.00	7,690.00	11,230.88	7,690.00	97.17	93.90	-90.00	1,883.53	-2,815.55	1,219.79	1,033.29	186.50	6.540		
11,700.00	7,690.00	11,330.88	7,690.00	99.57	96.41	-90.00	1,884.29	-2,915.55	1,219.79	1,028.24	191.54	6.368		
11,800.00	7,690.00	11,430.88	7,690.00	101.99	98.94	-90.00	1,885.05	-3,015.55	1,219.79	1,023.18	196.61	6.204		
11,900.00	7,690.00	11,530.88	7,690.00	104.43	101.48	-90.00	1,885.81	-3,115.54	1,219.78	1,018.09	201.69	6.048		
12,000.00	7,690.00	11,630.88	7,690.00	106.88	104.02	-90.00	1,886.56	-3,215.54	1,219.78	1,012.99	206.79	5.899		
12,100.00	7,690.00	11,730.88	7,690.00	109.34	106.57	-90.00	1,887.32	-3,315.54	1,219.78	1,007.88	211.90	5.756		
12,200.00	7,690.00	11,830.88	7,690.00	111.81	109.13	-90.00	1,888.08	-3,415.54	1,219.77	1,002.75	217.03	5.620		
12,300.00	7,690.00	11,930.88	7,690.00	114.30	111.69	-90.00	1,888.84	-3,515.53	1,219.77	997.60	222.17	5.490		
12,400.00	7,690.00	12,030.88	7,690.00	116.79	114.26	-90.00	1,889.59	-3,615.53	1,219.77	992.45	227.32	5.366		
12,500.00	7,690.00	12,130.88	7,690.00	119.30	116.84	-90.00	1,890.35	-3,715.53	1,219.76	987.29	232.48	5.247		
12,600.00	7,690.00	12,230.88	7,690.00	121.81	119.42	-90.00	1,891.11	-3,815.52	1,219.76	982.11	237.65	5.133		
12,700.00	7,690.00	12,330.88	7,690.00	124.33	122.01	-90.00	1,891.87	-3,915.52	1,219.76	976.93	242.83	5.023		
12,800.00	7,690.00	12,430.88	7,690.00	126.86	124.60	-90.00	1,892.63	-4,015.52	1,219.76	971.73	248.02	4.918		
12,900.00	7,690.00	12,530.88	7,690.00	129.40	127.19	-90.00	1,893.38	-4,115.52	1,219.75	966.53	253.22	4.817		
13,000.00	7,690.00	12,630.88	7,690.00	131.94	129.79	-90.00	1,894.14	-4,215.51	1,219.75	961.32	258.43	4.720		
13,100.00	7,690.00	12,730.88	7,690.00	134.49	132.40	-90.00	1,894.90	-4,315.51	1,219.75	956.10	263.65	4.626		
13,200.00	7,690.00	12,830.88	7,690.00	137.05	135.00	-90.00	1,895.66	-4,415.51	1,219.74	950.87	268.87	4.537		
13,300.00	7,690.00	12,930.88	7,690.00	139.61	137.61	-90.00	1,896.42	-4,515.50	1,219.74	945.64	274.10	4.450		
13,400.00	7,690.00	13,030.88	7,690.00	142.18	140.23	-90.00	1,897.17	-4,615.50	1,219.74	940.40	279.33	4.367		
13,500.00	7,690.00	13,130.88	7,690.00	144.75	142.84	-90.00	1,897.93	-4,715.50	1,219.73	935.16	284.58	4.286		
13,600.00	7,690.00	13,230.88	7,690.00	147.33	145.46	-90.00	1,898.69	-4,815.50	1,219.73	929.91	289.82	4.209		
13,700.00	7,690.00	13,330.88	7,690.00	149.91	148.09	-90.00	1,899.45	-4,915.49	1,219.73	924.65	295.08	4.134		
13,800.00	7,690.00	13,430.88	7,690.00	152.49	150.71	-90.00	1,900.21	-5,015.49	1,219.73	919.39	300.33	4.061		
13,900.00	7,690.00	13,530.88	7,690.00	155.08	153.34	-90.00	1,900.96	-5,115.49	1,219.72	914.13	305.60	3.991		
14,000.00	7,690.00	13,630.88	7,690.00	157.67	155.97	-90.00	1,901.72	-5,215.48	1,219.72	908.86	310.86	3.924		
14,100.00	7,690.00	13,730.88	7,690.00	160.27	158.60	-90.00	1,902.48	-5,315.48	1,219.72	903.58	316.13	3.858		
14,200.00	7,690.00	13,830.88	7,690.00	162.87	161.23	-90.00	1,903.24	-5,415.48	1,219.71	898.30	321.41	3.795		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,690.00	13,930.88	7,690.00	165.47	163.87	-90.00	1,904.00	-5,515.48	1,219.71	893.02	326.69	3.734		
14,400.00	7,690.00	14,030.88	7,690.00	168.08	166.51	-90.00	1,904.75	-5,615.47	1,219.71	887.74	331.97	3.674		
14,500.00	7,690.00	14,130.88	7,690.00	170.69	169.15	-90.00	1,905.51	-5,715.47	1,219.71	882.45	337.26	3.617		
14,600.00	7,690.00	14,230.88	7,690.00	173.30	171.79	-90.00	1,906.27	-5,815.47	1,219.70	877.15	342.55	3.561		
14,700.00	7,690.00	14,330.88	7,690.00	175.91	174.43	-90.00	1,907.03	-5,915.46	1,219.70	871.86	347.84	3.506		
14,800.00	7,690.00	14,430.88	7,690.00	178.53	177.08	-90.00	1,907.79	-6,015.46	1,219.70	866.56	353.14	3.454		
14,900.00	7,690.00	14,530.88	7,690.00	181.15	179.73	-90.00	1,908.54	-6,115.46	1,219.69	861.26	358.44	3.403		
15,000.00	7,690.00	14,630.88	7,690.00	183.77	182.37	-90.00	1,909.30	-6,215.46	1,219.69	855.95	363.74	3.353		
15,100.00	7,690.00	14,730.88	7,690.00	186.39	185.02	-90.00	1,910.06	-6,315.45	1,219.69	850.64	369.04	3.305		
15,200.00	7,690.00	14,830.88	7,690.00	189.02	187.67	-90.00	1,910.82	-6,415.45	1,219.68	845.33	374.35	3.258		
15,300.00	7,690.00	14,930.88	7,690.00	191.65	190.33	-90.00	1,911.58	-6,515.45	1,219.68	840.02	379.66	3.213		
15,400.00	7,690.00	15,030.88	7,690.00	194.27	192.98	-90.00	1,912.33	-6,615.44	1,219.68	834.70	384.98	3.168		
15,500.00	7,690.00	15,130.88	7,690.00	196.91	195.63	-90.00	1,913.09	-6,715.44	1,219.68	829.39	390.29	3.125		
15,600.00	7,690.00	15,230.88	7,690.00	199.54	198.29	-90.00	1,913.85	-6,815.44	1,219.67	824.07	395.61	3.083		
15,700.00	7,690.00	15,330.88	7,690.00	202.17	200.95	-90.00	1,914.61	-6,915.43	1,219.67	818.74	400.93	3.042		
15,800.00	7,690.00	15,430.88	7,690.00	204.81	203.60	-90.00	1,915.37	-7,015.43	1,219.67	813.42	406.25	3.002		
15,900.00	7,690.00	15,530.88	7,690.00	207.45	206.26	-90.00	1,916.12	-7,115.43	1,219.66	808.09	411.57	2.963		
16,000.00	7,690.00	15,630.88	7,690.00	210.09	208.92	-90.00	1,916.88	-7,215.43	1,219.66	802.77	416.89	2.926		
16,100.00	7,690.00	15,730.88	7,690.00	212.73	211.58	-90.00	1,917.64	-7,315.42	1,219.66	797.44	422.22	2.889		
16,200.00	7,690.00	15,830.88	7,690.00	215.37	214.25	-90.00	1,918.40	-7,415.42	1,219.65	792.10	427.55	2.853		
16,300.00	7,690.00	15,930.88	7,690.00	218.02	216.91	-90.00	1,919.16	-7,515.42	1,219.65	786.77	432.88	2.818		
16,400.00	7,690.00	16,030.88	7,690.00	220.66	219.57	-90.00	1,919.91	-7,615.41	1,219.65	781.44	438.21	2.783		
16,500.00	7,690.00	16,130.88	7,690.00	223.31	222.24	-90.00	1,920.67	-7,715.41	1,219.65	776.10	443.54	2.750		
16,600.00	7,690.00	16,230.88	7,690.00	225.95	224.90	-90.00	1,921.43	-7,815.41	1,219.64	770.76	448.88	2.717		
16,700.00	7,690.00	16,330.88	7,690.00	228.60	227.57	-90.00	1,922.19	-7,915.41	1,219.64	765.42	454.22	2.685		
16,800.00	7,690.00	16,430.88	7,690.00	231.25	230.23	-90.00	1,922.94	-8,015.40	1,219.64	760.08	459.55	2.654		
16,900.00	7,690.00	16,530.88	7,690.00	233.90	232.90	-90.00	1,923.70	-8,115.40	1,219.63	754.74	464.89	2.623		
17,000.00	7,690.00	16,630.88	7,690.00	236.56	235.57	-90.00	1,924.46	-8,215.40	1,219.63	749.40	470.23	2.594		
17,100.00	7,690.00	16,730.88	7,690.00	239.21	238.24	-90.00	1,925.22	-8,315.39	1,219.63	744.05	475.57	2.565		
17,200.00	7,690.00	16,830.88	7,690.00	241.86	240.91	-90.00	1,925.98	-8,415.39	1,219.62	738.71	480.92	2.536		
17,300.00	7,690.00	16,930.88	7,690.00	244.52	243.58	-90.00	1,926.73	-8,515.39	1,219.62	733.36	486.26	2.508		
17,400.00	7,690.00	17,030.88	7,690.00	247.17	246.25	-90.00	1,927.49	-8,615.39	1,219.62	728.01	491.61	2.481		
17,500.00	7,690.00	17,130.88	7,690.00	249.83	248.92	-90.00	1,928.25	-8,715.38	1,219.62	722.66	496.95	2.454		
17,600.00	7,690.00	17,230.88	7,690.00	252.49	251.59	-90.00	1,929.01	-8,815.38	1,219.61	717.31	502.30	2.428		
17,700.00	7,690.00	17,330.88	7,690.00	255.15	254.26	-90.00	1,929.77	-8,915.38	1,219.61	711.96	507.65	2.402		
17,800.00	7,690.00	17,430.88	7,690.00	257.81	256.93	-90.00	1,930.52	-9,015.37	1,219.61	706.61	513.00	2.377		
17,900.00	7,690.00	17,530.88	7,690.00	260.47	259.61	-90.00	1,931.28	-9,115.37	1,219.60	701.26	518.35	2.353		
18,000.00	7,690.00	17,630.88	7,690.00	263.13	262.28	-90.00	1,932.04	-9,215.37	1,219.60	695.90	523.70	2.329		
18,100.00	7,690.00	17,730.88	7,690.00	265.79	264.96	-90.00	1,932.80	-9,315.37	1,219.60	690.55	529.05	2.305		
18,200.00	7,690.00	17,830.88	7,690.00	268.45	267.63	-90.00	1,933.56	-9,415.36	1,219.59	685.19	534.40	2.282		
18,300.00	7,690.00	17,930.88	7,690.00	271.11	270.31	-90.00	1,934.31	-9,515.36	1,219.59	679.83	539.76	2.260		
18,400.00	7,690.00	18,030.88	7,690.00	273.78	272.98	-90.00	1,935.07	-9,615.36	1,219.59	674.48	545.11	2.237		
18,500.00	7,690.00	18,130.88	7,690.00	276.44	275.66	-90.00	1,935.83	-9,715.35	1,219.59	669.12	550.47	2.216		
18,599.27	7,690.00	18,230.15	7,690.00	279.09	278.31	-90.00	1,936.58	-9,814.62	1,219.58	663.80	555.78	2.194 SF		
18,602.86	7,690.00	18,230.32	7,690.00	279.18	278.32	-90.00	1,936.58	-9,814.79	1,219.59	663.82	555.77	2.194		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	180.00	-59.74	0.00	59.74					
100.00	100.00	100.00	100.00	0.27	0.27	180.00	-59.74	0.00	59.74	59.20	0.54	111.102		
200.00	200.00	200.00	200.00	0.63	0.63	180.00	-59.74	0.00	59.74	58.49	1.25	47.615		
300.00	300.00	300.00	300.00	0.99	0.99	180.00	-59.74	0.00	59.74	57.77	1.97	30.301 CC, ES		
400.00	399.98	399.98	399.98	1.34	1.34	167.09	-59.74	0.00	61.44	58.75	2.69	22.846		
500.00	499.84	499.84	499.84	1.71	1.70	168.07	-59.74	0.00	66.55	63.14	3.41	19.514		
600.00	599.45	599.45	599.45	2.07	2.06	169.41	-59.74	0.00	75.10	70.97	4.13	18.172		
700.00	698.70	698.70	698.70	2.45	2.42	170.85	-59.74	0.00	87.11	82.25	4.86	17.940		
800.00	797.47	797.47	797.47	2.85	2.77	172.20	-59.74	0.00	102.59	97.01	5.58	18.389		
900.00	895.62	895.62	895.62	3.28	3.12	173.37	-59.74	0.00	121.52	115.22	6.30	19.283		
1,000.00	993.06	997.58	997.56	3.73	3.49	174.15	-58.29	0.82	142.42	135.39	7.04	20.238		
1,100.00	1,089.64	1,100.43	1,100.27	4.23	3.85	174.37	-53.63	3.44	163.49	155.71	7.78	21.020		
1,200.00	1,185.27	1,204.02	1,203.45	4.75	4.23	174.21	-45.70	7.91	184.67	176.15	8.52	21.663		
1,300.00	1,279.82	1,308.32	1,306.94	5.33	4.61	173.78	-34.43	14.26	205.96	196.68	9.28	22.193		
1,400.00	1,373.17	1,413.33	1,410.59	5.94	5.01	173.16	-19.78	22.51	227.35	217.30	10.05	22.626		
1,500.00	1,465.21	1,519.06	1,514.25	6.60	5.43	172.38	-1.69	32.70	248.82	238.00	10.83	22.979		
1,554.30	1,514.61	1,575.21	1,568.99	6.98	5.67	171.93	9.23	38.85	260.58	249.31	11.26	23.138		
1,600.00	1,556.00	1,619.76	1,612.36	7.30	5.86	171.61	18.06	43.83	270.70	259.07	11.63	23.279		
1,700.00	1,646.56	1,717.22	1,707.26	8.03	6.29	171.00	37.40	54.72	292.89	280.45	12.44	23.549		
1,800.00	1,737.13	1,814.68	1,802.17	8.76	6.72	170.48	56.75	65.62	315.10	301.84	13.26	23.768		
1,900.00	1,827.70	1,912.15	1,897.07	9.50	7.17	170.02	76.09	76.51	337.34	323.25	14.09	23.946		
2,000.00	1,918.27	2,009.61	1,991.97	10.25	7.62	169.62	95.43	87.40	359.59	344.66	14.93	24.092		
2,100.00	2,008.83	2,107.07	2,086.87	11.00	8.08	169.27	114.77	98.30	381.86	366.09	15.77	24.212		
2,200.00	2,099.40	2,204.54	2,181.78	11.76	8.55	168.96	134.11	109.19	404.14	387.51	16.62	24.312		
2,300.00	2,189.97	2,302.00	2,276.68	12.52	9.02	168.68	153.45	120.09	426.43	408.95	17.48	24.394		
2,400.00	2,280.53	2,399.47	2,371.58	13.28	9.49	168.42	172.79	130.98	448.73	430.38	18.34	24.464		
2,500.00	2,371.10	2,496.93	2,466.48	14.05	9.97	168.19	192.13	141.88	471.03	451.82	19.21	24.522		
2,600.00	2,461.67	2,594.39	2,561.39	14.81	10.45	167.99	211.47	152.77	493.34	473.27	20.08	24.571		
2,700.00	2,552.24	2,691.86	2,656.29	15.58	10.93	167.79	230.81	163.67	515.66	494.71	20.95	24.612		
2,800.00	2,642.80	2,789.32	2,751.19	16.35	11.41	167.62	250.15	174.56	537.99	516.16	21.83	24.647		
2,900.00	2,733.37	2,886.79	2,846.09	17.13	11.89	167.46	269.49	185.45	560.31	537.61	22.71	24.677		
3,000.00	2,823.94	2,984.25	2,941.00	17.90	12.38	167.31	288.83	196.35	582.65	559.06	23.59	24.702		
3,100.00	2,914.51	3,081.71	3,035.90	18.67	12.87	167.17	308.17	207.24	604.98	580.51	24.47	24.724		
3,200.00	3,005.07	3,179.18	3,130.80	19.45	13.36	167.05	327.51	218.14	627.32	601.96	25.35	24.742		
3,300.00	3,095.64	3,276.64	3,225.70	20.22	13.85	166.93	346.85	229.03	649.66	623.42	26.24	24.757		
3,400.00	3,186.21	3,374.11	3,320.61	21.00	14.34	166.82	366.19	239.93	672.00	644.87	27.13	24.771		
3,500.00	3,276.77	3,471.57	3,415.51	21.77	14.83	166.71	385.53	250.82	694.35	666.33	28.02	24.782		
3,600.00	3,367.34	3,569.03	3,510.41	22.55	15.32	166.62	404.87	261.71	716.70	687.79	28.91	24.791		
3,700.00	3,457.91	3,666.50	3,605.31	23.33	15.82	166.52	424.21	272.61	739.05	709.24	29.80	24.799		
3,800.00	3,548.48	3,763.96	3,700.22	24.11	16.31	166.44	443.55	283.50	761.40	730.70	30.69	24.806		
3,900.00	3,639.04	3,861.43	3,795.12	24.88	16.80	166.36	462.89	294.40	783.75	752.16	31.59	24.812		
4,000.00	3,729.61	3,958.89	3,890.02	25.66	17.30	166.28	482.23	305.29	806.10	773.62	32.48	24.816		
4,100.00	3,820.18	4,056.35	3,984.93	26.44	17.80	166.21	501.57	316.19	828.46	795.08	33.38	24.820		
4,200.00	3,910.74	4,153.82	4,079.83	27.22	18.29	166.14	520.91	327.08	850.82	816.54	34.28	24.823		
4,300.00	4,001.31	4,251.28	4,174.73	28.00	18.79	166.07	540.25	337.97	873.17	838.00	35.17	24.825		
4,400.00	4,091.88	4,348.75	4,269.63	28.78	19.29	166.01	559.59	348.87	895.53	859.46	36.07	24.827		
4,500.00	4,182.45	4,446.21	4,364.54	29.56	19.78	165.95	578.93	359.76	917.89	880.92	36.97	24.829		
4,600.00	4,273.01	4,543.67	4,459.44	30.34	20.28	165.90	598.27	370.66	940.25	902.38	37.87	24.830		
4,700.00	4,363.58	4,641.14	4,554.34	31.12	20.78	165.84	617.61	381.55	962.61	923.85	38.77	24.830		
4,800.00	4,454.15	4,738.60	4,649.24	31.90	21.28	165.79	636.95	392.45	984.98	945.31	39.67	24.830		
4,900.00	4,544.72	4,836.07	4,744.15	32.68	21.78	165.74	656.29	403.34	1,007.34	966.77	40.57	24.830		
5,000.00	4,635.28	4,933.53	4,839.05	33.46	22.27	165.70	675.63	414.23	1,029.70	988.23	41.47	24.830		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	5,030.99	4,933.95	34.24	22.77	165.65	694.97	425.13	1,052.07	1,009.69	42.37	24.829		
5,200.00	4,816.42	5,128.46	5,028.85	35.02	23.27	165.61	714.31	436.02	1,074.43	1,031.16	43.27	24.828		
5,300.00	4,906.98	5,225.92	5,123.76	35.81	23.77	165.57	733.65	446.92	1,096.80	1,052.62	44.18	24.827		
5,400.00	4,997.55	5,323.39	5,218.66	36.59	24.27	165.53	752.99	457.81	1,119.16	1,074.08	45.08	24.826		
5,500.00	5,088.12	5,420.85	5,313.56	37.37	24.77	165.49	772.33	468.71	1,141.53	1,095.54	45.98	24.825		
5,600.00	5,178.69	5,518.31	5,408.46	38.15	25.27	165.45	791.67	479.60	1,163.89	1,117.01	46.89	24.824		
5,700.00	5,269.25	5,615.78	5,503.37	38.93	25.77	165.42	811.01	490.50	1,186.26	1,138.47	47.79	24.822		
5,800.00	5,359.82	5,713.24	5,598.27	39.71	26.27	165.39	830.35	501.39	1,208.63	1,159.93	48.69	24.821		
5,900.00	5,450.39	5,810.70	5,693.17	40.50	26.77	165.35	849.70	512.28	1,231.00	1,181.40	49.60	24.819		
6,000.00	5,540.95	5,908.17	5,788.07	41.28	27.28	165.32	869.04	523.18	1,253.37	1,202.86	50.50	24.817		
6,100.00	5,631.52	6,005.63	5,882.98	42.06	27.78	165.29	888.38	534.07	1,275.73	1,224.32	51.41	24.815		
6,200.00	5,722.09	6,103.10	5,977.88	42.84	28.28	165.26	907.72	544.97	1,298.10	1,245.79	52.31	24.814		
6,300.00	5,812.66	6,200.56	6,072.78	43.62	28.78	165.23	927.06	555.86	1,320.47	1,267.25	53.22	24.812		
6,400.00	5,903.22	6,298.02	6,167.68	44.41	29.28	165.21	946.40	566.76	1,342.84	1,288.72	54.13	24.810		
6,500.00	5,993.79	6,395.49	6,262.59	45.19	29.78	165.18	965.74	577.65	1,365.21	1,310.18	55.03	24.808		
6,600.00	6,084.36	6,492.95	6,357.49	45.97	30.28	165.15	985.08	588.54	1,387.58	1,331.64	55.94	24.806		
6,700.00	6,174.93	6,590.42	6,452.39	46.75	30.78	165.13	1,004.42	599.44	1,409.95	1,353.11	56.84	24.804		
6,800.00	6,265.49	6,687.88	6,547.29	47.54	31.29	165.11	1,023.76	610.33	1,432.32	1,374.57	57.75	24.802		
6,900.00	6,356.06	6,785.34	6,642.20	48.32	31.79	165.08	1,043.10	621.23	1,454.69	1,396.04	58.66	24.800		
7,000.00	6,446.63	6,882.81	6,737.10	49.10	32.29	165.06	1,062.44	632.12	1,477.06	1,417.50	59.56	24.798		
7,100.00	6,537.19	6,980.27	6,832.00	49.88	32.79	165.04	1,081.78	643.02	1,499.44	1,438.96	60.47	24.796		
7,200.00	6,627.76	7,077.74	6,926.90	50.67	33.29	165.02	1,101.12	653.91	1,521.81	1,460.43	61.38	24.793		
7,300.00	6,718.33	7,175.20	7,021.81	51.45	33.80	165.00	1,120.46	664.80	1,544.18	1,481.89	62.29	24.791		
7,400.00	6,808.90	7,278.06	7,122.18	52.23	34.31	165.08	1,140.93	673.51	1,566.46	1,503.28	63.18	24.793		
7,500.00	6,899.46	7,382.37	7,223.90	53.01	34.72	165.78	1,161.82	685.40	1,588.30	1,524.51	63.79	24.900		
7,600.00	6,990.03	7,477.31	7,313.84	53.80	34.99	166.99	1,180.40	697.77	1,610.22	1,546.12	64.10	25.121		
7,700.00	7,080.60	7,559.72	7,387.89	54.58	35.16	168.43	1,195.80	709.21	1,633.16	1,568.92	64.24	25.424		
7,743.09	7,119.63	7,591.20	7,414.84	54.92	35.21	169.07	1,201.43	719.96	1,643.60	1,579.33	64.26	25.576		
7,750.00	7,125.88	7,596.04	7,418.91	54.97	35.21	170.80	1,202.29	721.48	1,645.31	1,581.04	64.27	25.601		
7,800.00	7,171.32	7,630.68	7,447.40	55.35	35.25	-176.36	1,208.26	727.73	1,657.96	1,593.67	64.29	25.787		
7,850.00	7,216.74	7,664.60	7,474.19	55.71	35.28	-163.58	1,213.89	732.69	1,670.97	1,606.65	64.33	25.977		
7,900.00	7,261.79	7,700.00	7,500.84	56.05	35.30	-151.62	1,219.52	737.10	1,684.18	1,619.82	64.36	26.168		
7,950.00	7,306.14	7,730.80	7,522.88	56.37	35.31	-141.09	1,224.19	741.11	1,697.43	1,633.03	64.40	26.357		
8,000.00	7,349.44	7,763.24	7,544.87	56.66	35.32	-132.03	1,228.87	745.12	1,710.58	1,646.14	64.45	26.542		
8,050.00	7,391.36	7,800.00	7,568.16	56.92	35.31	-124.32	1,233.84	749.13	1,723.50	1,658.99	64.51	26.719		
8,100.00	7,431.59	7,827.16	7,584.21	57.16	35.30	-117.95	1,237.29	753.14	1,736.02	1,671.45	64.57	26.886		
8,150.00	7,469.82	7,858.73	7,601.58	57.37	35.28	-112.54	1,241.05	757.15	1,748.04	1,683.39	64.65	27.040		
8,200.00	7,505.76	7,890.10	7,617.42	57.55	35.26	-107.99	1,244.49	761.16	1,759.44	1,694.69	64.75	27.174		
8,250.00	7,539.14	7,921.30	7,631.72	57.71	35.23	-104.14	1,247.63	765.17	1,770.10	1,705.23	64.87	27.285		
8,300.00	7,569.69	7,950.00	7,643.56	57.84	35.21	-100.92	1,250.25	769.18	1,779.93	1,714.91	65.02	27.376		
8,350.00	7,597.20	7,983.30	7,655.68	57.96	35.17	-98.18	1,252.96	773.19	1,788.83	1,723.61	65.22	27.426		
8,400.00	7,621.44	8,014.14	7,665.31	58.04	35.13	-95.91	1,255.15	777.20	1,796.74	1,731.27	65.46	27.447		
8,450.00	7,642.24	8,050.00	7,674.56	58.11	35.08	-94.03	1,257.31	781.21	1,803.57	1,737.81	65.76	27.425		
8,500.00	7,659.43	8,075.59	7,679.85	58.16	35.04	-92.58	1,258.58	785.22	1,809.25	1,743.17	66.09	27.377		
8,550.00	7,672.90	8,100.00	7,683.88	58.19	35.00	-91.47	1,259.59	789.23	1,813.78	1,747.33	66.45	27.296		
8,600.00	7,682.52	8,136.82	7,688.04	58.20	34.94	-90.65	1,260.72	793.24	1,817.05	1,750.12	66.93	27.149		
8,650.00	7,688.23	8,167.39	7,689.74	58.19	34.90	-90.17	1,261.30	797.25	1,819.08	1,751.65	67.43	26.977		
8,697.19	7,690.00	8,203.55	7,690.00	58.18	34.84	-90.00	1,261.62	801.26	1,819.80	1,751.81	67.99	26.764		
8,700.00	7,690.00	8,206.36	7,690.00	58.17	34.83	-90.00	1,261.64	805.27	1,819.80	1,751.77	68.04	26.747		
8,800.00	7,690.00	8,306.36	7,690.00	58.15	34.71	-90.00	1,262.40	-20.17	1,819.80	1,750.15	69.65	26.127		
8,900.00	7,690.00	8,406.36	7,690.00	58.17	34.71	-90.00	1,263.16	-120.17	1,819.80	1,748.16	71.64	25.403		
9,000.00	7,690.00	8,506.36	7,690.00	58.24	35.50	-90.00	1,263.92	-220.17	1,819.80	1,745.83	73.97	24.603		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,690.00	8,606.36	7,690.00	58.37	36.92	-90.00	1,264.67	-320.17	1,819.79	1,743.19	76.60	23.756		
9,200.00	7,690.00	8,706.36	7,690.00	58.56	38.50	-90.00	1,265.43	-420.16	1,819.79	1,740.27	79.52	22.885		
9,300.00	7,690.00	8,806.36	7,690.00	58.83	40.21	-90.00	1,266.19	-520.16	1,819.79	1,737.10	82.69	22.009		
9,400.00	7,690.00	8,906.36	7,690.00	59.19	42.02	-90.00	1,266.95	-620.16	1,819.78	1,733.71	86.07	21.143		
9,500.00	7,690.00	9,006.36	7,690.00	59.66	43.91	-90.00	1,267.70	-720.15	1,819.78	1,730.13	89.66	20.297		
9,600.00	7,690.00	9,106.36	7,690.00	60.26	45.88	-90.00	1,268.46	-820.15	1,819.78	1,726.37	93.41	19.481		
9,700.00	7,690.00	9,206.36	7,690.00	61.01	47.92	-90.00	1,269.22	-920.15	1,819.78	1,722.45	97.32	18.698		
9,800.00	7,690.00	9,306.36	7,690.00	61.93	50.02	-90.00	1,269.98	-1,020.15	1,819.77	1,718.40	101.37	17.951		
9,900.00	7,690.00	9,406.36	7,690.00	63.01	52.17	-90.00	1,270.73	-1,120.14	1,819.77	1,714.23	105.54	17.243		
10,000.00	7,690.00	9,506.36	7,690.00	64.27	54.37	-90.00	1,271.49	-1,220.14	1,819.77	1,709.95	109.81	16.571		
10,100.00	7,690.00	9,606.36	7,690.00	65.70	56.61	-90.00	1,272.25	-1,320.14	1,819.77	1,705.58	114.18	15.937		
10,200.00	7,690.00	9,706.36	7,690.00	67.27	58.89	-90.00	1,273.01	-1,420.13	1,819.76	1,701.13	118.64	15.339		
10,300.00	7,690.00	9,806.36	7,690.00	68.97	61.20	-90.00	1,273.77	-1,520.13	1,819.76	1,696.60	123.17	14.775		
10,400.00	7,690.00	9,906.36	7,690.00	70.79	63.53	-90.00	1,274.52	-1,620.13	1,819.76	1,692.00	127.76	14.243		
10,500.00	7,690.00	10,006.36	7,690.00	72.70	65.90	-90.00	1,275.28	-1,720.13	1,819.76	1,687.34	132.42	13.743		
10,600.00	7,690.00	10,106.36	7,690.00	74.69	68.29	-90.00	1,276.04	-1,820.12	1,819.75	1,682.63	137.13	13.271		
10,700.00	7,690.00	10,206.36	7,690.00	76.74	70.70	-90.00	1,276.80	-1,920.12	1,819.75	1,677.86	141.89	12.825		
10,800.00	7,690.00	10,306.36	7,690.00	78.86	73.13	-90.00	1,277.55	-2,020.12	1,819.75	1,673.06	146.69	12.405		
10,900.00	7,690.00	10,406.36	7,690.00	81.03	75.58	-90.00	1,278.31	-2,120.11	1,819.74	1,668.21	151.53	12.009		
11,000.00	7,690.00	10,506.36	7,690.00	83.24	78.04	-90.00	1,279.07	-2,220.11	1,819.74	1,663.33	156.41	11.634		
11,100.00	7,690.00	10,606.36	7,690.00	85.49	80.52	-90.00	1,279.83	-2,320.11	1,819.74	1,658.42	161.32	11.280		
11,200.00	7,690.00	10,706.36	7,690.00	87.77	83.01	-90.00	1,280.58	-2,420.11	1,819.74	1,653.47	166.26	10.945		
11,300.00	7,690.00	10,806.36	7,690.00	90.09	85.51	-90.00	1,281.34	-2,520.10	1,819.73	1,648.50	171.23	10.627		
11,400.00	7,690.00	10,906.36	7,690.00	92.43	88.03	-90.00	1,282.10	-2,620.10	1,819.73	1,643.50	176.23	10.326		
11,500.00	7,690.00	11,006.36	7,690.00	94.79	90.55	-90.00	1,282.86	-2,720.10	1,819.73	1,638.48	181.25	10.040		
11,600.00	7,690.00	11,106.36	7,690.00	97.17	93.09	-90.00	1,283.61	-2,820.09	1,819.73	1,633.44	186.28	9.769		
11,700.00	7,690.00	11,206.36	7,690.00	99.57	95.63	-90.00	1,284.37	-2,920.09	1,819.72	1,628.38	191.34	9.510		
11,800.00	7,690.00	11,306.36	7,690.00	101.99	98.18	-90.00	1,285.13	-3,020.09	1,819.72	1,623.30	196.42	9.265		
11,900.00	7,690.00	11,406.36	7,690.00	104.43	100.74	-90.00	1,285.89	-3,120.09	1,819.72	1,618.21	201.51	9.030		
12,000.00	7,690.00	11,506.36	7,690.00	106.88	103.31	-90.00	1,286.65	-3,220.08	1,819.72	1,613.10	206.62	8.807		
12,100.00	7,690.00	11,606.36	7,690.00	109.34	105.88	-90.00	1,287.40	-3,320.08	1,819.71	1,607.97	211.74	8.594		
12,200.00	7,690.00	11,706.36	7,690.00	111.81	108.46	-90.00	1,288.16	-3,420.08	1,819.71	1,602.83	216.88	8.391		
12,300.00	7,690.00	11,806.36	7,690.00	114.30	111.04	-90.00	1,288.92	-3,520.07	1,819.71	1,597.68	222.02	8.196		
12,400.00	7,690.00	11,906.36	7,690.00	116.79	113.63	-90.00	1,289.68	-3,620.07	1,819.70	1,592.52	227.18	8.010		
12,500.00	7,690.00	12,006.36	7,690.00	119.30	116.23	-90.00	1,290.43	-3,720.07	1,819.70	1,587.35	232.35	7.832		
12,600.00	7,690.00	12,106.36	7,690.00	121.81	118.82	-90.00	1,291.19	-3,820.07	1,819.70	1,582.17	237.53	7.661		
12,700.00	7,690.00	12,206.36	7,690.00	124.33	121.43	-90.00	1,291.95	-3,920.06	1,819.70	1,576.98	242.72	7.497		
12,800.00	7,690.00	12,306.36	7,690.00	126.86	124.03	-90.00	1,292.71	-4,020.06	1,819.69	1,571.77	247.92	7.340		
12,900.00	7,690.00	12,406.36	7,690.00	129.40	126.64	-90.00	1,293.46	-4,120.06	1,819.69	1,566.57	253.13	7.189		
13,000.00	7,690.00	12,506.36	7,690.00	131.94	129.26	-90.00	1,294.22	-4,220.05	1,819.69	1,561.35	258.34	7.044		
13,100.00	7,690.00	12,606.36	7,690.00	134.49	131.87	-90.00	1,294.98	-4,320.05	1,819.69	1,556.12	263.56	6.904		
13,200.00	7,690.00	12,706.36	7,690.00	137.05	134.49	-90.00	1,295.74	-4,420.05	1,819.68	1,550.89	268.79	6.770		
13,300.00	7,690.00	12,806.36	7,690.00	139.61	137.12	-90.00	1,296.49	-4,520.05	1,819.68	1,545.66	274.03	6.641		
13,400.00	7,690.00	12,906.36	7,690.00	142.18	139.74	-90.00	1,297.25	-4,620.04	1,819.68	1,540.41	279.27	6.516		
13,500.00	7,690.00	13,006.36	7,690.00	144.75	142.37	-90.00	1,298.01	-4,720.04	1,819.68	1,535.16	284.51	6.396		
13,600.00	7,690.00	13,106.36	7,690.00	147.33	145.00	-90.00	1,298.77	-4,820.04	1,819.67	1,529.91	289.77	6.280		
13,700.00	7,690.00	13,206.36	7,690.00	149.91	147.64	-90.00	1,299.52	-4,920.03	1,819.67	1,524.65	295.02	6.168		
13,800.00	7,690.00	13,306.36	7,690.00	152.49	150.27	-90.00	1,300.28	-5,020.03	1,819.67	1,519.38	300.29	6.060		
13,900.00	7,690.00	13,406.36	7,690.00	155.08	152.91	-90.00	1,301.04	-5,120.03	1,819.66	1,514.11	305.55	5.955		
14,000.00	7,690.00	13,506.36	7,690.00	157.67	155.55	-90.00	1,301.80	-5,220.03	1,819.66	1,508.84	310.82	5.854		
14,100.00	7,690.00	13,606.36	7,690.00	160.27	158.19	-90.00	1,302.56	-5,320.02	1,819.66	1,503.56	316.10	5.757		
14,200.00	7,690.00	13,706.36	7,690.00	162.87	160.84	-90.00	1,303.31	-5,420.02	1,819.66	1,498.28	321.38	5.662		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,690.00	13,806.36	7,690.00	165.47	163.48	-90.00	1,304.07	-5,520.02	1,819.65	1,492.99	326.66	5.570		
14,400.00	7,690.00	13,906.36	7,690.00	168.08	166.13	-90.00	1,304.83	-5,620.01	1,819.65	1,487.70	331.95	5.482		
14,500.00	7,690.00	14,006.36	7,690.00	170.69	168.78	-90.00	1,305.59	-5,720.01	1,819.65	1,482.41	337.24	5.396		
14,600.00	7,690.00	14,106.36	7,690.00	173.30	171.43	-90.00	1,306.34	-5,820.01	1,819.65	1,477.11	342.53	5.312		
14,700.00	7,690.00	14,206.36	7,690.00	175.91	174.08	-90.00	1,307.10	-5,920.00	1,819.64	1,471.81	347.83	5.231		
14,800.00	7,690.00	14,306.36	7,690.00	178.53	176.73	-90.00	1,307.86	-6,020.00	1,819.64	1,466.51	353.13	5.153		
14,900.00	7,690.00	14,406.36	7,690.00	181.15	179.39	-90.00	1,308.62	-6,120.00	1,819.64	1,461.20	358.43	5.077		
15,000.00	7,690.00	14,506.36	7,690.00	183.77	182.04	-90.00	1,309.37	-6,220.00	1,819.64	1,455.90	363.74	5.003		
15,100.00	7,690.00	14,606.36	7,690.00	186.39	184.70	-90.00	1,310.13	-6,319.99	1,819.63	1,450.59	369.05	4.931		
15,200.00	7,690.00	14,706.36	7,690.00	189.02	187.36	-90.00	1,310.89	-6,419.99	1,819.63	1,445.27	374.36	4.861		
15,300.00	7,690.00	14,806.36	7,690.00	191.65	190.02	-90.00	1,311.65	-6,519.99	1,819.63	1,439.96	379.67	4.793		
15,400.00	7,690.00	14,906.36	7,690.00	194.27	192.68	-90.00	1,312.40	-6,619.98	1,819.62	1,434.64	384.99	4.726		
15,500.00	7,690.00	15,006.36	7,690.00	196.91	195.34	-90.00	1,313.16	-6,719.98	1,819.62	1,429.32	390.30	4.662		
15,600.00	7,690.00	15,106.36	7,690.00	199.54	198.00	-90.00	1,313.92	-6,819.98	1,819.62	1,424.00	395.62	4.599		
15,700.00	7,690.00	15,206.36	7,690.00	202.17	200.66	-90.00	1,314.68	-6,919.98	1,819.62	1,418.67	400.94	4.538		
15,800.00	7,690.00	15,306.36	7,690.00	204.81	203.33	-90.00	1,315.43	-7,019.97	1,819.61	1,413.35	406.27	4.479		
15,900.00	7,690.00	15,406.36	7,690.00	207.45	205.99	-90.00	1,316.19	-7,119.97	1,819.61	1,408.02	411.59	4.421		
16,000.00	7,690.00	15,506.36	7,690.00	210.09	208.66	-90.00	1,316.95	-7,219.97	1,819.61	1,402.69	416.92	4.364		
16,100.00	7,690.00	15,606.36	7,690.00	212.73	211.32	-90.00	1,317.71	-7,319.96	1,819.61	1,397.36	422.25	4.309		
16,200.00	7,690.00	15,706.36	7,690.00	215.37	213.99	-90.00	1,318.47	-7,419.96	1,819.60	1,392.02	427.58	4.256		
16,300.00	7,690.00	15,806.36	7,690.00	218.02	216.66	-90.00	1,319.22	-7,519.96	1,819.60	1,386.69	432.91	4.203		
16,400.00	7,690.00	15,906.36	7,690.00	220.66	219.33	-90.00	1,319.98	-7,619.96	1,819.60	1,381.35	438.25	4.152		
16,500.00	7,690.00	16,006.36	7,690.00	223.31	222.00	-90.00	1,320.74	-7,719.95	1,819.60	1,376.01	443.58	4.102		
16,600.00	7,690.00	16,106.36	7,690.00	225.95	224.67	-90.00	1,321.50	-7,819.95	1,819.59	1,370.67	448.92	4.053		
16,700.00	7,690.00	16,206.36	7,690.00	228.60	227.34	-90.00	1,322.25	-7,919.95	1,819.59	1,365.33	454.26	4.006		
16,800.00	7,690.00	16,306.36	7,690.00	231.25	230.01	-90.00	1,323.01	-8,019.94	1,819.59	1,359.99	459.60	3.959		
16,900.00	7,690.00	16,406.36	7,690.00	233.90	232.68	-90.00	1,323.77	-8,119.94	1,819.58	1,354.65	464.94	3.914		
17,000.00	7,690.00	16,506.36	7,690.00	236.56	235.36	-90.00	1,324.53	-8,219.94	1,819.58	1,349.30	470.28	3.869		
17,100.00	7,690.00	16,606.36	7,690.00	239.21	238.03	-90.00	1,325.28	-8,319.94	1,819.58	1,343.95	475.62	3.826		
17,200.00	7,690.00	16,706.36	7,690.00	241.86	240.70	-90.00	1,326.04	-8,419.93	1,819.58	1,338.61	480.97	3.783		
17,300.00	7,690.00	16,806.36	7,690.00	244.52	243.38	-90.00	1,326.80	-8,519.93	1,819.57	1,333.26	486.31	3.742		
17,400.00	7,690.00	16,906.36	7,690.00	247.17	246.05	-90.00	1,327.56	-8,619.93	1,819.57	1,327.91	491.66	3.701		
17,500.00	7,690.00	17,006.36	7,690.00	249.83	248.73	-90.00	1,328.31	-8,719.92	1,819.57	1,322.56	497.01	3.661		
17,600.00	7,690.00	17,106.36	7,690.00	252.49	251.40	-90.00	1,329.07	-8,819.92	1,819.57	1,317.21	502.36	3.622		
17,700.00	7,690.00	17,206.36	7,690.00	255.15	254.08	-90.00	1,329.83	-8,919.92	1,819.56	1,311.86	507.71	3.584		
17,800.00	7,690.00	17,306.36	7,690.00	257.81	256.76	-90.00	1,330.59	-9,019.92	1,819.56	1,306.50	513.06	3.546		
17,900.00	7,690.00	17,406.36	7,690.00	260.47	259.43	-90.00	1,331.34	-9,119.91	1,819.56	1,301.15	518.41	3.510		
18,000.00	7,690.00	17,506.36	7,690.00	263.13	262.11	-90.00	1,332.10	-9,219.91	1,819.56	1,295.79	523.76	3.474		
18,100.00	7,690.00	17,606.36	7,690.00	265.79	264.79	-90.00	1,332.86	-9,319.91	1,819.55	1,290.44	529.12	3.439		
18,200.00	7,690.00	17,706.36	7,690.00	268.45	267.47	-90.00	1,333.62	-9,419.90	1,819.55	1,285.08	534.47	3.404		
18,300.00	7,690.00	17,806.36	7,690.00	271.11	270.15	-90.00	1,334.38	-9,519.90	1,819.55	1,279.72	539.83	3.371		
18,400.00	7,690.00	17,906.36	7,690.00	273.78	272.82	-90.00	1,335.13	-9,619.90	1,819.54	1,274.36	545.18	3.337		
18,500.00	7,690.00	18,006.36	7,690.00	276.44	275.50	-90.00	1,335.89	-9,719.90	1,819.54	1,269.00	550.54	3.305		
18,597.71	7,690.00	18,104.03	7,690.00	279.05	278.12	-90.00	1,336.63	-9,817.56	1,819.54	1,263.77	555.77	3.274		
18,602.86	7,690.00	18,104.03	7,690.00	279.18	278.12	-90.00	1,336.63	-9,817.56	1,819.55	1,263.74	555.81	3.274 SF		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	-180.00	-79.77	0.00	79.77					
100.00	100.00	100.00	100.00	0.27	0.27	-180.00	-79.77	0.00	79.77	79.23	0.54	148.354		
200.00	200.00	200.00	200.00	0.63	0.63	-180.00	-79.77	0.00	79.77	78.52	1.25	63.580		
300.00	300.00	300.00	300.00	0.99	0.99	-180.00	-79.77	0.00	79.77	77.80	1.97	40.460 CC, ES		
400.00	399.98	397.86	397.84	1.34	1.32	166.21	-81.02	1.11	82.75	80.08	2.67	30.982		
500.00	499.84	495.18	495.03	1.71	1.66	164.88	-84.76	4.40	91.72	88.34	3.37	27.192		
600.00	599.45	591.41	590.91	2.07	2.00	163.16	-90.88	9.79	106.68	102.59	4.08	26.141		
700.00	698.70	686.05	684.88	2.45	2.36	161.40	-99.25	17.18	127.59	122.80	4.79	26.640		
800.00	797.47	780.10	777.89	2.85	2.73	159.84	-109.72	26.41	154.21	148.70	5.50	28.030		
900.00	895.62	875.37	872.01	3.28	3.13	158.91	-120.78	36.16	184.53	178.30	6.23	29.625		
1,000.00	993.06	969.61	965.12	3.73	3.53	158.50	-131.72	45.81	217.94	210.98	6.96	31.305		
1,100.00	1,089.64	1,062.72	1,057.10	4.23	3.92	158.41	-142.53	55.34	254.40	246.71	7.70	33.061		
1,200.00	1,185.27	1,154.58	1,147.85	4.75	4.32	158.51	-153.20	64.75	293.87	285.44	8.44	34.839		
1,300.00	1,279.82	1,245.07	1,237.26	5.33	4.71	158.72	-163.70	74.01	336.33	327.15	9.18	36.649		
1,400.00	1,373.17	1,334.09	1,325.20	5.94	5.10	158.99	-174.04	83.13	381.73	371.81	9.92	38.482		
1,500.00	1,465.21	1,421.53	1,411.59	6.60	5.48	159.29	-184.19	92.08	430.05	419.39	10.66	40.335		
1,554.30	1,514.61	1,468.31	1,457.81	6.98	5.69	159.45	-189.63	96.87	457.50	446.43	11.07	41.337		
1,600.00	1,556.00	1,507.47	1,496.49	7.30	5.86	159.76	-194.17	100.88	480.96	469.56	11.40	42.175		
1,700.00	1,646.56	1,593.15	1,581.14	8.03	6.24	160.34	-204.12	109.65	532.34	520.20	12.14	43.861		
1,800.00	1,737.13	1,678.83	1,665.79	8.76	6.61	160.83	-214.07	118.42	583.74	570.87	12.88	45.339		
1,900.00	1,827.70	1,764.51	1,750.44	9.50	6.99	161.23	-224.02	127.20	635.17	621.55	13.62	46.644		
2,000.00	1,918.27	1,850.20	1,835.09	10.25	7.37	161.57	-233.97	135.97	686.62	672.26	14.36	47.804		
2,100.00	2,008.83	1,935.88	1,919.73	11.00	7.75	161.87	-243.91	144.74	738.09	722.97	15.11	48.840		
2,200.00	2,099.40	2,021.56	2,004.38	11.76	8.13	162.13	-253.86	153.51	789.56	773.70	15.86	49.771		
2,300.00	2,189.97	2,107.24	2,089.03	12.52	8.51	162.35	-263.81	162.29	841.05	824.44	16.62	50.611		
2,400.00	2,280.53	2,192.92	2,173.68	13.28	8.89	162.55	-273.76	171.06	892.55	875.18	17.37	51.373		
2,500.00	2,371.10	2,278.60	2,258.33	14.05	9.27	162.73	-283.71	179.83	944.05	925.92	18.13	52.066		
2,600.00	2,461.67	2,364.28	2,342.98	14.81	9.65	162.89	-293.66	188.60	995.56	976.67	18.89	52.699		
2,700.00	2,552.24	2,449.97	2,427.63	15.58	10.03	163.04	-303.60	197.38	1,047.08	1,027.43	19.65	53.280		
2,800.00	2,642.80	2,535.65	2,512.27	16.35	10.42	163.17	-313.55	206.15	1,098.60	1,078.19	20.41	53.814		
2,900.00	2,733.37	2,621.33	2,596.92	17.13	10.80	163.29	-323.50	214.92	1,150.12	1,128.95	21.18	54.308		
3,000.00	2,823.94	2,707.01	2,681.57	17.90	11.18	163.39	-333.45	223.70	1,201.65	1,179.71	21.94	54.764		
3,100.00	2,914.51	2,792.69	2,766.22	18.67	11.56	163.49	-343.40	232.47	1,253.18	1,230.47	22.71	55.188		
3,200.00	3,005.07	2,878.37	2,850.87	19.45	11.94	163.59	-353.35	241.24	1,304.71	1,281.24	23.47	55.581		
3,300.00	3,095.64	2,964.06	2,935.52	20.22	12.32	163.67	-363.29	250.01	1,356.25	1,332.01	24.24	55.949		
3,400.00	3,186.21	3,049.74	3,020.17	21.00	12.71	163.75	-373.24	258.79	1,407.78	1,382.78	25.01	56.292		
3,500.00	3,276.77	3,135.42	3,104.82	21.77	13.09	163.82	-383.19	267.56	1,459.32	1,433.55	25.78	56.613		
3,600.00	3,367.34	3,221.10	3,189.46	22.55	13.47	163.89	-393.14	276.33	1,510.86	1,484.32	26.55	56.914		
3,700.00	3,457.91	3,306.78	3,274.11	23.33	13.85	163.95	-403.09	285.10	1,562.40	1,535.09	27.32	57.197		
3,800.00	3,548.48	3,392.46	3,358.76	24.11	14.23	164.01	-413.04	293.88	1,613.95	1,585.86	28.09	57.464		
3,900.00	3,639.04	3,478.14	3,443.41	24.88	14.62	164.07	-422.99	302.65	1,665.49	1,636.63	28.86	57.715		
4,000.00	3,729.61	3,563.83	3,528.06	25.66	15.00	164.12	-432.93	311.42	1,717.04	1,687.41	29.63	57.952		
4,100.00	3,820.18	3,649.51	3,612.71	26.44	15.38	164.17	-442.88	320.19	1,768.58	1,738.18	30.40	58.177		
4,200.00	3,910.74	3,735.19	3,697.36	27.22	15.76	164.22	-452.83	328.97	1,820.13	1,788.96	31.17	58.389		
4,300.00	4,001.31	3,820.87	3,782.00	28.00	16.15	164.26	-462.78	337.74	1,871.68	1,839.73	31.95	58.590		
4,400.00	4,091.88	3,906.55	3,866.65	28.78	16.53	164.30	-472.73	346.51	1,923.23	1,890.51	32.72	58.781		
4,500.00	4,182.45	3,992.23	3,951.30	29.56	16.91	164.34	-482.68	355.28	1,974.78	1,941.28	33.49	58.963		
4,600.00	4,273.01	4,077.92	4,035.95	30.34	17.30	164.38	-492.62	364.06	2,026.33	1,992.06	34.27	59.135		
4,700.00	4,363.58	4,163.60	4,120.60	31.12	17.68	164.42	-502.57	372.83	2,077.88	2,042.84	35.04	59.300		
4,800.00	4,454.15	4,249.28	4,205.25	31.90	18.06	164.45	-512.52	381.60	2,129.43	2,093.61	35.82	59.456		
4,900.00	4,544.72	4,334.96	4,289.90	32.68	18.44	164.48	-522.47	390.37	2,180.98	2,144.39	36.59	59.606		
5,000.00	4,635.28	4,420.64	4,374.54	33.46	18.83	164.51	-532.42	399.15	2,232.53	2,195.17	37.37	59.748		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	4,506.32	4,459.19	34.24	19.21	164.54	-542.37	407.92	2,284.09	2,245.94	38.14	59.885		
5,200.00	4,816.42	4,592.00	4,543.84	35.02	19.59	164.57	-552.32	416.69	2,335.64	2,296.72	38.92	60.015		
5,300.00	4,906.98	4,677.69	4,628.49	35.81	19.98	164.60	-562.26	425.46	2,387.19	2,347.50	39.69	60.140		
5,400.00	4,997.55	4,763.37	4,713.14	36.59	20.36	164.62	-572.21	434.24	2,438.75	2,398.28	40.47	60.259		
5,500.00	5,088.12	4,849.05	4,797.79	37.37	20.74	164.65	-582.16	443.01	2,490.30	2,449.05	41.25	60.374		
5,600.00	5,178.69	4,934.73	4,882.44	38.15	21.12	164.67	-592.11	451.78	2,541.86	2,499.83	42.03	60.483		
5,700.00	5,269.25	5,020.41	4,967.09	38.93	21.51	164.70	-602.06	460.55	2,593.41	2,550.61	42.80	60.589		
5,800.00	5,359.82	5,106.09	5,051.73	39.71	21.89	164.72	-612.01	469.33	2,644.97	2,601.38	43.58	60.690		
5,900.00	5,450.39	5,191.78	5,136.38	40.50	22.27	164.74	-621.95	478.10	2,696.52	2,652.16	44.36	60.787		
6,000.00	5,540.95	5,277.46	5,221.03	41.28	22.66	164.76	-631.90	486.87	2,748.08	2,702.94	45.14	60.881		
6,100.00	5,631.52	5,363.14	5,305.68	42.06	23.04	164.78	-641.85	495.64	2,799.63	2,753.71	45.92	60.970		
6,200.00	5,722.09	5,448.82	5,390.33	42.84	23.42	164.80	-651.80	504.42	2,851.19	2,804.49	46.70	61.057		
6,300.00	5,812.66	5,534.50	5,474.98	43.62	23.81	164.82	-661.75	513.19	2,902.75	2,855.27	47.48	61.140		
6,400.00	5,903.22	5,620.18	5,559.63	44.41	24.19	164.83	-671.70	521.96	2,954.30	2,906.05	48.26	61.220		
6,500.00	5,993.79	5,705.86	5,644.27	45.19	24.57	164.85	-681.64	530.73	3,005.86	2,956.82	49.04	61.297		
6,600.00	6,084.36	5,791.55	5,728.92	45.97	24.96	164.87	-691.59	539.51	3,057.42	3,007.60	49.82	61.372		
6,700.00	6,174.93	5,877.23	5,813.57	46.75	25.34	164.88	-701.54	548.28	3,108.97	3,058.37	50.60	61.444		
6,800.00	6,265.49	5,962.91	5,898.22	47.54	25.72	164.90	-711.49	557.05	3,160.53	3,109.15	51.38	61.513		
6,900.00	6,356.06	6,048.59	5,982.87	48.32	26.11	164.91	-721.44	565.83	3,212.09	3,159.93	52.16	61.580		
7,000.00	6,446.63	6,134.27	6,067.52	49.10	26.49	164.93	-731.39	574.60	3,263.65	3,210.70	52.94	61.644		
7,100.00	6,537.19	6,219.95	6,152.17	49.88	26.87	164.94	-741.34	583.37	3,315.20	3,261.48	53.73	61.706		
7,200.00	6,627.76	6,305.63	6,236.82	50.67	27.26	164.95	-751.28	592.14	3,366.76	3,312.25	54.51	61.766		
7,300.00	6,718.33	6,391.32	6,321.46	51.45	27.64	164.97	-761.23	600.92	3,418.32	3,363.03	55.29	61.824		
7,400.00	6,808.90	6,477.00	6,406.11	52.23	28.02	164.98	-771.18	609.69	3,469.88	3,413.80	56.07	61.880		
7,500.00	6,899.46	6,562.68	6,490.76	53.01	28.40	164.99	-781.13	618.46	3,521.44	3,464.58	56.86	61.934		
7,600.00	6,990.03	6,648.36	6,575.41	53.80	28.79	165.00	-791.08	627.23	3,572.99	3,515.35	57.64	61.987		
7,700.00	7,080.60	6,734.04	6,660.06	54.58	29.17	165.02	-801.03	636.01	3,624.55	3,566.13	58.43	62.037		
7,743.09	7,119.63	6,770.97	6,696.54	54.92	29.34	165.02	-805.31	639.79	3,646.77	3,588.01	58.76	62.059		
7,750.00	7,125.88	6,776.88	6,702.38	54.97	29.36	166.89	-806.00	640.39	3,650.33	3,591.52	58.82	62.062		
7,800.00	7,171.32	6,819.58	6,744.56	55.35	29.55	-179.30	-810.96	644.76	3,676.20	3,617.00	59.20	62.098		
7,850.00	7,216.74	6,861.81	6,786.29	55.71	29.74	-165.61	-815.86	649.09	3,702.08	3,642.51	59.57	62.150		
7,900.00	7,261.79	6,903.25	6,827.23	56.05	29.93	-152.86	-820.67	653.33	3,727.77	3,667.86	59.91	62.219		
7,950.00	7,306.14	6,943.58	6,867.07	56.37	30.11	-141.55	-825.36	657.46	3,753.14	3,692.90	60.24	62.302		
8,000.00	7,349.44	6,982.51	6,905.53	56.66	30.28	-131.81	-829.87	661.44	3,778.04	3,717.49	60.55	62.400		
8,050.00	7,391.36	7,019.72	6,942.29	56.92	30.45	-123.54	-834.20	665.26	3,802.33	3,741.50	60.83	62.509		
8,100.00	7,431.59	7,054.94	6,977.09	57.16	30.61	-116.56	-838.29	668.86	3,825.89	3,764.80	61.09	62.628		
8,150.00	7,469.82	7,087.90	7,009.65	57.37	30.75	-110.66	-842.11	672.24	3,848.63	3,787.30	61.33	62.755		
8,200.00	7,505.76	7,118.36	7,039.74	57.55	30.89	-105.63	-845.65	675.35	3,870.44	3,808.89	61.55	62.886		
8,250.00	7,539.14	7,148.69	7,069.71	57.71	31.03	-101.37	-849.17	678.41	3,891.23	3,829.46	61.77	62.994		
8,300.00	7,569.69	7,192.12	7,112.78	57.84	31.20	-97.93	-854.22	680.65	3,910.86	3,848.76	62.09	62.986		
8,350.00	7,597.20	7,241.32	7,161.61	57.96	31.37	-95.11	-859.92	679.21	3,929.15	3,866.71	62.44	62.931		
8,400.00	7,621.44	7,299.16	7,218.61	58.04	31.54	-92.89	-866.55	672.14	3,945.98	3,883.16	62.81	62.821		
8,450.00	7,642.24	7,370.40	7,287.39	58.11	31.69	-91.25	-874.51	655.54	3,961.18	3,897.95	63.23	62.648		
8,500.00	7,659.43	7,436.99	7,349.20	58.16	31.79	-89.94	-881.62	631.99	3,974.52	3,910.93	63.60	62.497		
8,550.00	7,672.90	7,591.75	7,480.16	58.19	31.91	-89.85	-896.51	551.89	3,985.72	3,921.53	64.19	62.089		
8,600.00	7,682.52	7,775.56	7,601.01	58.20	31.88	-90.02	-909.92	415.10	3,994.15	3,929.32	64.84	61.604		
8,650.00	7,688.23	7,983.64	7,677.77	58.19	31.75	-90.12	-917.87	223.18	3,998.89	3,932.96	65.93	60.655		
8,697.19	7,690.00	8,132.60	7,690.00	58.18	31.82	-90.00	-918.51	75.12	3,999.94	3,932.73	67.21	59.512		
8,700.00	7,690.00	8,135.41	7,690.00	58.17	31.83	-90.00	-918.50	72.31	3,999.95	3,932.70	67.25	59.475		
8,800.00	7,690.00	8,235.41	7,690.00	58.15	32.25	-90.00	-917.97	-27.69	4,000.17	3,931.28	68.89	58.063		
8,900.00	7,690.00	8,335.41	7,690.00	58.17	33.16	-90.00	-917.43	-127.69	4,000.40	3,929.49	70.91	56.417		
9,000.00	7,690.00	8,435.41	7,690.00	58.24	34.41	-90.00	-916.90	-227.69	4,000.62	3,927.35	73.26	54.606		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,690.00	8,535.41	7,690.00	58.37	35.85	-90.00	-916.37	-327.69	4,000.84	3,924.91	75.93	52.690		
9,200.00	7,690.00	8,635.41	7,690.00	58.56	37.45	-90.00	-915.84	-427.69	4,001.06	3,922.19	78.88	50.725		
9,300.00	7,690.00	8,735.41	7,690.00	58.83	39.18	-90.00	-915.30	-527.68	4,001.29	3,919.21	82.07	48.754		
9,400.00	7,690.00	8,835.41	7,690.00	59.19	41.01	-90.00	-914.77	-627.68	4,001.51	3,916.02	85.49	46.808		
9,500.00	7,690.00	8,935.41	7,690.00	59.66	42.93	-90.00	-914.24	-727.68	4,001.73	3,912.63	89.10	44.914		
9,600.00	7,690.00	9,035.41	7,690.00	60.26	44.93	-90.00	-913.71	-827.68	4,001.95	3,909.07	92.88	43.087		
9,700.00	7,690.00	9,135.41	7,690.00	61.01	47.00	-90.00	-913.17	-927.68	4,002.17	3,905.36	96.82	41.338		
9,800.00	7,690.00	9,235.41	7,690.00	61.93	49.12	-90.00	-912.64	-1,027.68	4,002.40	3,901.51	100.89	39.672		
9,900.00	7,690.00	9,335.41	7,690.00	63.01	51.30	-90.00	-912.11	-1,127.67	4,002.62	3,897.54	105.08	38.093		
10,000.00	7,690.00	9,435.41	7,690.00	64.27	53.53	-90.00	-911.58	-1,227.67	4,002.84	3,893.47	109.37	36.599		
10,100.00	7,690.00	9,535.41	7,690.00	65.70	55.80	-90.00	-911.04	-1,327.67	4,003.06	3,889.31	113.76	35.189		
10,200.00	7,690.00	9,635.41	7,690.00	67.27	58.10	-90.00	-910.51	-1,427.67	4,003.29	3,885.06	118.23	33.860		
10,300.00	7,690.00	9,735.41	7,690.00	68.97	60.44	-90.00	-909.98	-1,527.67	4,003.51	3,880.73	122.77	32.609		
10,400.00	7,690.00	9,835.41	7,690.00	70.79	62.80	-90.00	-909.45	-1,627.67	4,003.73	3,876.34	127.39	31.430		
10,500.00	7,690.00	9,935.41	7,690.00	72.70	65.19	-90.00	-908.91	-1,727.66	4,003.95	3,871.90	132.06	30.320		
10,600.00	7,690.00	10,035.41	7,690.00	74.69	67.60	-90.00	-908.38	-1,827.66	4,004.18	3,867.40	136.78	29.274		
10,700.00	7,690.00	10,135.41	7,690.00	76.74	70.03	-90.00	-907.85	-1,927.66	4,004.40	3,862.85	141.55	28.289		
10,800.00	7,690.00	10,235.41	7,690.00	78.86	72.48	-90.00	-907.32	-2,027.66	4,004.62	3,858.25	146.37	27.360		
10,900.00	7,690.00	10,335.41	7,690.00	81.03	74.95	-90.00	-906.78	-2,127.66	4,004.84	3,853.62	151.22	26.483		
11,000.00	7,690.00	10,435.41	7,690.00	83.24	77.43	-90.00	-906.25	-2,227.66	4,005.07	3,848.95	156.11	25.655		
11,100.00	7,690.00	10,535.41	7,690.00	85.49	79.93	-90.00	-905.72	-2,327.65	4,005.29	3,844.26	161.03	24.873		
11,200.00	7,690.00	10,635.41	7,690.00	87.77	82.44	-90.00	-905.18	-2,427.65	4,005.51	3,839.53	165.98	24.132		
11,300.00	7,690.00	10,735.41	7,690.00	90.09	84.96	-90.00	-904.65	-2,527.65	4,005.73	3,834.77	170.96	23.431		
11,400.00	7,690.00	10,835.41	7,690.00	92.43	87.49	-90.00	-904.12	-2,627.65	4,005.95	3,829.99	175.96	22.766		
11,500.00	7,690.00	10,935.41	7,690.00	94.79	90.03	-90.00	-903.59	-2,727.65	4,006.18	3,825.19	180.99	22.135		
11,600.00	7,690.00	11,035.41	7,690.00	97.17	92.58	-90.00	-903.05	-2,827.65	4,006.40	3,820.36	186.03	21.536		
11,700.00	7,690.00	11,135.41	7,690.00	99.57	95.14	-90.00	-902.52	-2,927.64	4,006.62	3,815.52	191.10	20.966		
11,800.00	7,690.00	11,235.41	7,690.00	101.99	97.70	-90.00	-901.99	-3,027.64	4,006.84	3,810.66	196.18	20.424		
11,900.00	7,690.00	11,335.41	7,690.00	104.43	100.27	-90.00	-901.46	-3,127.64	4,007.07	3,805.79	201.28	19.908		
12,000.00	7,690.00	11,435.41	7,690.00	106.88	102.85	-90.00	-900.92	-3,227.64	4,007.29	3,800.89	206.39	19.416		
12,100.00	7,690.00	11,535.40	7,690.00	109.34	105.43	-90.00	-900.39	-3,327.64	4,007.51	3,795.99	211.52	18.946		
12,200.00	7,690.00	11,635.40	7,690.00	111.81	108.02	-90.00	-899.86	-3,427.64	4,007.73	3,791.07	216.66	18.498		
12,300.00	7,690.00	11,735.40	7,690.00	114.30	110.62	-90.00	-899.33	-3,527.63	4,007.96	3,786.14	221.82	18.069		
12,400.00	7,690.00	11,835.40	7,690.00	116.79	113.22	-90.00	-898.79	-3,627.63	4,008.18	3,781.20	226.98	17.659		
12,500.00	7,690.00	11,935.40	7,690.00	119.30	115.82	-90.00	-898.26	-3,727.63	4,008.40	3,776.25	232.15	17.266		
12,600.00	7,690.00	12,035.40	7,690.00	121.81	118.43	-90.00	-897.73	-3,827.63	4,008.62	3,771.28	237.34	16.890		
12,700.00	7,690.00	12,135.40	7,690.00	124.33	121.04	-90.00	-897.20	-3,927.63	4,008.85	3,766.31	242.53	16.529		
12,800.00	7,690.00	12,235.40	7,690.00	126.86	123.65	-90.00	-896.66	-4,027.63	4,009.07	3,761.33	247.73	16.183		
12,900.00	7,690.00	12,335.40	7,690.00	129.40	126.27	-90.00	-896.13	-4,127.62	4,009.29	3,756.35	252.95	15.850		
13,000.00	7,690.00	12,435.40	7,690.00	131.94	128.89	-90.00	-895.60	-4,227.62	4,009.51	3,751.35	258.16	15.531		
13,100.00	7,690.00	12,535.40	7,690.00	134.49	131.52	-90.00	-895.07	-4,327.62	4,009.73	3,746.35	263.39	15.224		
13,200.00	7,690.00	12,635.40	7,690.00	137.05	134.15	-90.00	-894.53	-4,427.62	4,009.96	3,741.34	268.62	14.928		
13,300.00	7,690.00	12,735.40	7,690.00	139.61	136.78	-90.00	-894.00	-4,527.62	4,010.18	3,736.32	273.86	14.643		
13,400.00	7,690.00	12,835.40	7,690.00	142.18	139.41	-90.00	-893.47	-4,627.62	4,010.40	3,731.30	279.10	14.369		
13,500.00	7,690.00	12,935.40	7,690.00	144.75	142.05	-90.00	-892.94	-4,727.61	4,010.62	3,726.27	284.35	14.104		
13,600.00	7,690.00	13,035.40	7,690.00	147.33	144.68	-90.00	-892.40	-4,827.61	4,010.85	3,721.24	289.61	13.849		
13,700.00	7,690.00	13,135.40	7,690.00	149.91	147.32	-90.00	-891.87	-4,927.61	4,011.07	3,716.20	294.87	13.603		
13,800.00	7,690.00	13,235.40	7,690.00	152.49	149.96	-90.00	-891.34	-5,027.61	4,011.29	3,711.16	300.13	13.365		
13,900.00	7,690.00	13,335.40	7,690.00	155.08	152.61	-90.00	-890.80	-5,127.61	4,011.51	3,706.11	305.40	13.135		
14,000.00	7,690.00	13,435.40	7,690.00	157.67	155.25	-90.00	-890.27	-5,227.61	4,011.74	3,701.06	310.68	12.913		
14,100.00	7,690.00	13,535.40	7,690.00	160.27	157.90	-90.00	-889.74	-5,327.60	4,011.96	3,696.00	315.95	12.698		
14,200.00	7,690.00	13,635.40	7,690.00	162.87	160.55	-90.00	-889.21	-5,427.60	4,012.18	3,690.95	321.24	12.490		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,690.00	13,735.40	7,690.00	165.47	163.20	-90.00	-888.67	-5,527.60	4,012.40	3,685.88	326.52	12.288		
14,400.00	7,690.00	13,835.40	7,690.00	168.08	165.85	-90.00	-888.14	-5,627.60	4,012.63	3,680.82	331.81	12.093		
14,500.00	7,690.00	13,935.40	7,690.00	170.69	168.51	-90.00	-887.61	-5,727.60	4,012.85	3,675.75	337.10	11.904		
14,600.00	7,690.00	14,035.40	7,690.00	173.30	171.16	-90.00	-887.08	-5,827.60	4,013.07	3,670.67	342.40	11.720		
14,700.00	7,690.00	14,135.40	7,690.00	175.91	173.82	-90.00	-886.54	-5,927.59	4,013.29	3,665.60	347.70	11.542		
14,800.00	7,690.00	14,235.40	7,690.00	178.53	176.47	-90.00	-886.01	-6,027.59	4,013.52	3,660.52	353.00	11.370		
14,900.00	7,690.00	14,335.40	7,690.00	181.15	179.13	-90.00	-885.48	-6,127.59	4,013.74	3,655.43	358.30	11.202		
15,000.00	7,690.00	14,435.40	7,690.00	183.77	181.79	-90.00	-884.95	-6,227.59	4,013.96	3,650.35	363.61	11.039		
15,100.00	7,690.00	14,535.40	7,690.00	186.39	184.45	-90.00	-884.41	-6,327.59	4,014.18	3,645.26	368.92	10.881		
15,200.00	7,690.00	14,635.40	7,690.00	189.02	187.12	-90.00	-883.88	-6,427.59	4,014.40	3,640.17	374.23	10.727		
15,300.00	7,690.00	14,735.40	7,690.00	191.65	189.78	-90.00	-883.35	-6,527.58	4,014.63	3,635.08	379.55	10.577		
15,400.00	7,690.00	14,835.40	7,690.00	194.27	192.44	-90.00	-882.82	-6,627.58	4,014.85	3,629.99	384.86	10.432		
15,500.00	7,690.00	14,935.40	7,690.00	196.91	195.11	-90.00	-882.28	-6,727.58	4,015.07	3,624.89	390.18	10.290		
15,600.00	7,690.00	15,035.40	7,690.00	199.54	197.77	-90.00	-881.75	-6,827.58	4,015.29	3,619.79	395.50	10.152		
15,700.00	7,690.00	15,135.40	7,690.00	202.17	200.44	-90.00	-881.22	-6,927.58	4,015.52	3,614.69	400.83	10.018		
15,800.00	7,690.00	15,235.40	7,690.00	204.81	203.11	-90.00	-880.69	-7,027.58	4,015.74	3,609.59	406.15	9.887		
15,900.00	7,690.00	15,335.40	7,690.00	207.45	205.77	-90.00	-880.15	-7,127.57	4,015.96	3,604.48	411.48	9.760		
16,000.00	7,690.00	15,435.40	7,690.00	210.09	208.44	-90.00	-879.62	-7,227.57	4,016.18	3,599.38	416.81	9.636		
16,100.00	7,690.00	15,535.40	7,690.00	212.73	211.11	-90.00	-879.09	-7,327.57	4,016.41	3,594.27	422.14	9.514		
16,200.00	7,690.00	15,635.39	7,690.00	215.37	213.78	-90.00	-878.55	-7,427.57	4,016.63	3,589.16	427.47	9.396		
16,300.00	7,690.00	15,735.39	7,690.00	218.02	216.45	-90.00	-878.02	-7,527.57	4,016.85	3,584.05	432.80	9.281		
16,400.00	7,690.00	15,835.39	7,690.00	220.66	219.12	-90.00	-877.49	-7,627.57	4,017.07	3,578.94	438.14	9.169		
16,500.00	7,690.00	15,935.39	7,690.00	223.31	221.80	-90.00	-876.96	-7,727.56	4,017.30	3,573.82	443.47	9.059		
16,600.00	7,690.00	16,035.39	7,690.00	225.95	224.47	-90.00	-876.42	-7,827.56	4,017.52	3,568.71	448.81	8.951		
16,700.00	7,690.00	16,135.39	7,690.00	228.60	227.14	-90.00	-875.89	-7,927.56	4,017.74	3,563.59	454.15	8.847		
16,800.00	7,690.00	16,235.39	7,690.00	231.25	229.82	-90.00	-875.36	-8,027.56	4,017.96	3,558.47	459.49	8.744		
16,900.00	7,690.00	16,335.39	7,690.00	233.90	232.49	-90.00	-874.83	-8,127.56	4,018.18	3,553.35	464.83	8.644		
17,000.00	7,690.00	16,435.39	7,690.00	236.56	235.17	-90.00	-874.29	-8,227.56	4,018.41	3,548.23	470.18	8.547		
17,100.00	7,690.00	16,535.39	7,690.00	239.21	237.84	-90.00	-873.76	-8,327.55	4,018.63	3,543.11	475.52	8.451		
17,200.00	7,690.00	16,635.39	7,690.00	241.86	240.52	-90.00	-873.23	-8,427.55	4,018.85	3,537.99	480.87	8.358		
17,300.00	7,690.00	16,735.39	7,690.00	244.52	243.19	-90.00	-872.70	-8,527.55	4,019.07	3,532.86	486.21	8.266		
17,400.00	7,690.00	16,835.39	7,690.00	247.17	245.87	-90.00	-872.16	-8,627.55	4,019.30	3,527.74	491.56	8.177		
17,500.00	7,690.00	16,935.39	7,690.00	249.83	248.55	-90.00	-871.63	-8,727.55	4,019.52	3,522.61	496.91	8.089		
17,600.00	7,690.00	17,035.39	7,690.00	252.49	251.23	-90.00	-871.10	-8,827.55	4,019.74	3,517.48	502.26	8.003		
17,700.00	7,690.00	17,135.39	7,690.00	255.15	253.90	-90.00	-870.57	-8,927.54	4,019.96	3,512.36	507.61	7.919		
17,800.00	7,690.00	17,235.39	7,690.00	257.81	256.58	-90.00	-870.03	-9,027.54	4,020.19	3,507.23	512.96	7.837		
17,900.00	7,690.00	17,335.39	7,690.00	260.47	259.26	-90.00	-869.50	-9,127.54	4,020.41	3,502.10	518.31	7.757		
18,000.00	7,690.00	17,435.39	7,690.00	263.13	261.94	-90.00	-868.97	-9,227.54	4,020.63	3,496.97	523.66	7.678		
18,100.00	7,690.00	17,535.39	7,690.00	265.79	264.62	-90.00	-868.44	-9,327.54	4,020.85	3,491.83	529.02	7.601		
18,200.00	7,690.00	17,635.39	7,690.00	268.45	267.30	-90.00	-867.90	-9,427.54	4,021.08	3,486.70	534.37	7.525		
18,300.00	7,690.00	17,735.39	7,690.00	271.11	269.98	-90.00	-867.37	-9,527.53	4,021.30	3,481.57	539.73	7.451		
18,400.00	7,690.00	17,835.39	7,690.00	273.78	272.66	-90.00	-866.84	-9,627.53	4,021.52	3,476.43	545.09	7.378		
18,500.00	7,690.00	17,935.39	7,690.00	276.44	275.34	-90.00	-866.31	-9,727.53	4,021.74	3,471.30	550.44	7.306		
18,602.86	7,690.00	18,038.25	7,690.00	279.18	278.10	-90.00	-865.76	-9,830.39	4,021.97	3,466.02	555.95	7.234 SF		

Civitas Resources

Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - 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	179.84	-99.81	0.28	99.81					
100.00	100.00	100.00	100.00	0.27	0.27	179.84	-99.81	0.28	99.81	99.27	0.54	185.622	CC, ES	
200.00	200.00	196.99	196.97	0.63	0.61	179.40	-101.25	1.07	101.30	100.07	1.24	81.867		
300.00	300.00	293.76	293.61	0.99	0.95	178.15	-105.56	3.42	105.81	103.87	1.94	54.553		
400.00	399.98	389.94	389.44	1.34	1.31	163.21	-112.68	7.30	115.07	112.42	2.65	43.398		
500.00	499.84	484.94	483.78	1.71	1.68	161.64	-122.48	12.64	130.74	127.37	3.37	38.788		
600.00	599.45	578.20	575.98	2.07	2.07	160.32	-134.77	19.34	152.68	148.60	4.08	37.385		
700.00	698.70	669.24	665.50	2.45	2.48	159.27	-149.31	27.26	180.74	175.95	4.79	37.739		
800.00	797.47	761.56	755.83	2.85	2.92	158.48	-166.03	36.37	214.14	208.64	5.50	38.919		
900.00	895.62	854.61	846.85	3.28	3.37	158.10	-183.04	45.64	250.75	244.52	6.23	40.244		
1,000.00	993.06	946.42	936.64	3.73	3.82	157.99	-199.82	54.79	290.36	283.42	6.95	41.791		
1,100.00	1,089.64	1,036.88	1,025.12	4.23	4.27	158.04	-216.36	63.80	332.93	325.25	7.68	43.366		
1,200.00	1,185.27	1,125.88	1,112.17	4.75	4.71	158.19	-232.63	72.66	378.43	370.02	8.41	45.018		
1,300.00	1,279.82	1,213.31	1,197.69	5.33	5.14	158.39	-248.61	81.37	426.81	417.68	9.13	46.723		
1,400.00	1,373.17	1,299.06	1,281.56	5.94	5.57	158.61	-264.28	89.92	478.05	468.19	9.86	48.470		
1,500.00	1,465.21	1,383.03	1,363.69	6.60	6.00	158.84	-279.63	98.28	532.10	521.51	10.59	50.253		
1,554.30	1,514.61	1,427.85	1,407.53	6.98	6.22	158.95	-287.82	102.74	562.61	551.62	10.98	51.219		
1,600.00	1,556.00	1,465.33	1,444.18	7.30	6.41	159.26	-294.67	106.48	588.63	577.32	11.31	52.036		
1,700.00	1,646.56	1,547.34	1,524.40	8.03	6.82	159.85	-309.66	114.65	645.61	633.59	12.02	53.690		
1,800.00	1,737.13	1,629.35	1,604.61	8.76	7.24	160.35	-324.65	122.82	702.63	689.89	12.74	55.142		
1,900.00	1,827.70	1,711.36	1,684.83	9.50	7.65	160.77	-339.64	130.99	759.69	746.22	13.46	56.424		
2,000.00	1,918.27	1,793.37	1,765.04	10.25	8.06	161.13	-354.64	139.16	816.76	802.57	14.19	57.564		
2,100.00	2,008.83	1,875.38	1,845.25	11.00	8.48	161.44	-369.63	147.33	873.85	858.94	14.92	58.582		
2,200.00	2,099.40	1,957.39	1,925.47	11.76	8.89	161.72	-384.62	155.50	930.96	915.32	15.65	59.497		
2,300.00	2,189.97	2,039.40	2,005.68	12.52	9.31	161.96	-399.61	163.67	988.08	971.71	16.38	60.324		
2,400.00	2,280.53	2,121.41	2,085.90	13.28	9.72	162.18	-414.60	171.84	1,045.22	1,028.10	17.11	61.073		
2,500.00	2,371.10	2,203.42	2,166.11	14.05	10.14	162.38	-429.59	180.01	1,102.36	1,084.51	17.85	61.755		
2,600.00	2,461.67	2,285.43	2,246.32	14.81	10.55	162.55	-444.58	188.17	1,159.51	1,140.92	18.59	62.378		
2,700.00	2,552.24	2,367.45	2,326.54	15.58	10.97	162.71	-459.57	196.34	1,216.67	1,197.34	19.33	62.950		
2,800.00	2,642.80	2,449.46	2,406.75	16.35	11.38	162.86	-474.56	204.51	1,273.83	1,253.76	20.07	63.476		
2,900.00	2,733.37	2,531.47	2,486.97	17.13	11.80	162.99	-489.55	212.68	1,331.00	1,310.19	20.81	63.961		
3,000.00	2,823.94	2,613.48	2,567.18	17.90	12.22	163.11	-504.54	220.85	1,388.17	1,366.62	21.55	64.410		
3,100.00	2,914.51	2,695.49	2,647.40	18.67	12.63	163.22	-519.53	229.02	1,445.34	1,423.05	22.30	64.826		
3,200.00	3,005.07	2,777.50	2,727.61	19.45	13.05	163.33	-534.52	237.19	1,502.52	1,479.48	23.04	65.214		
3,300.00	3,095.64	2,859.51	2,807.82	20.22	13.46	163.42	-549.51	245.36	1,559.71	1,535.92	23.79	65.575		
3,400.00	3,186.21	2,941.52	2,888.04	21.00	13.88	163.51	-564.50	253.53	1,616.89	1,592.36	24.53	65.912		
3,500.00	3,276.77	3,023.53	2,968.25	21.77	14.30	163.60	-579.50	261.70	1,674.08	1,648.80	25.28	66.228		
3,600.00	3,367.34	3,105.54	3,048.47	22.55	14.71	163.67	-594.49	269.87	1,731.27	1,705.24	26.02	66.523		
3,700.00	3,457.91	3,187.55	3,128.68	23.33	15.13	163.75	-609.48	278.04	1,788.46	1,761.69	26.77	66.801		
3,800.00	3,548.48	3,269.56	3,208.89	24.11	15.54	163.81	-624.47	286.21	1,845.65	1,818.13	27.52	67.063		
3,900.00	3,639.04	3,351.57	3,289.11	24.88	15.96	163.88	-639.46	294.38	1,902.85	1,874.58	28.27	67.309		
4,000.00	3,729.61	3,433.59	3,369.32	25.66	16.38	163.94	-654.45	302.55	1,960.04	1,931.02	29.02	67.541		
4,100.00	3,820.18	3,515.60	3,449.54	26.44	16.79	164.00	-669.44	310.72	2,017.24	1,987.47	29.77	67.761		
4,200.00	3,910.74	3,597.61	3,529.75	27.22	17.21	164.05	-684.43	318.89	2,074.44	2,043.92	30.52	67.969		
4,300.00	4,001.31	3,679.62	3,609.96	28.00	17.63	164.10	-699.42	327.06	2,131.64	2,100.37	31.27	68.165		
4,400.00	4,091.88	3,761.63	3,690.18	28.78	18.04	164.15	-714.41	335.23	2,188.84	2,156.82	32.02	68.352		
4,500.00	4,182.45	3,843.64	3,770.39	29.56	18.46	164.19	-729.40	343.40	2,246.05	2,213.27	32.78	68.529		
4,600.00	4,273.01	3,925.65	3,850.61	30.34	18.88	164.24	-744.39	351.57	2,303.25	2,269.72	33.53	68.698		
4,700.00	4,363.58	4,007.66	3,930.82	31.12	19.29	164.28	-759.38	359.74	2,360.45	2,326.17	34.28	68.858		
4,800.00	4,454.15	4,089.67	4,011.03	31.90	19.71	164.32	-774.37	367.91	2,417.66	2,382.63	35.03	69.010		
4,900.00	4,544.72	4,171.68	4,091.25	32.68	20.13	164.36	-789.36	376.08	2,474.86	2,439.08	35.79	69.155		
5,000.00	4,635.28	4,253.69	4,171.46	33.46	20.54	164.39	-804.36	384.25	2,532.07	2,495.53	36.54	69.294		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error: 0.00 usft	
Survey Program: 0-MWD OWSG													Offset Well Error: 0.00 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,725.85	4,335.70	4,251.68	34.24	20.96	164.43	-819.35	392.42	2,589.28	2,551.98	37.30	69.426		
5,200.00	4,816.42	4,417.71	4,331.89	35.02	21.38	164.46	-834.34	400.59	2,646.49	2,608.44	38.05	69.552		
5,300.00	4,906.98	4,499.72	4,412.10	35.81	21.79	164.49	-849.33	408.76	2,703.69	2,664.89	38.81	69.673		
5,400.00	4,997.55	4,581.74	4,492.32	36.59	22.21	164.52	-864.32	416.93	2,760.90	2,721.34	39.56	69.788		
5,500.00	5,088.12	4,663.75	4,572.53	37.37	22.63	164.55	-879.31	425.10	2,818.11	2,777.79	40.32	69.899		
5,600.00	5,178.69	4,745.76	4,652.75	38.15	23.04	164.58	-894.30	433.26	2,875.32	2,834.25	41.07	70.004		
5,700.00	5,269.25	4,827.77	4,732.96	38.93	23.46	164.61	-909.29	441.43	2,932.53	2,890.70	41.83	70.106		
5,800.00	5,359.82	4,909.78	4,813.18	39.71	23.88	164.63	-924.28	449.60	2,989.74	2,947.16	42.59	70.203		
5,900.00	5,450.39	4,991.79	4,893.39	40.50	24.29	164.66	-939.27	457.77	3,046.95	3,003.61	43.34	70.296		
6,000.00	5,540.95	5,073.80	4,973.60	41.28	24.71	164.68	-954.26	465.94	3,104.16	3,060.06	44.10	70.385		
6,100.00	5,631.52	5,155.81	5,053.82	42.06	25.13	164.70	-969.25	474.11	3,161.38	3,116.52	44.86	70.471		
6,200.00	5,722.09	5,237.82	5,134.03	42.84	25.54	164.72	-984.24	482.28	3,218.59	3,172.97	45.62	70.553		
6,300.00	5,812.66	5,319.83	5,214.25	43.62	25.96	164.75	-999.23	490.45	3,275.80	3,229.42	46.38	70.632		
6,400.00	5,903.22	5,401.84	5,294.46	44.41	26.38	164.77	-1,014.22	498.62	3,333.01	3,285.88	47.14	70.708		
6,500.00	5,993.79	5,483.85	5,374.67	45.19	26.79	164.79	-1,029.22	506.79	3,390.23	3,342.33	47.90	70.781		
6,600.00	6,084.36	5,565.86	5,454.89	45.97	27.21	164.81	-1,044.21	514.96	3,447.44	3,398.78	48.66	70.852		
6,700.00	6,174.93	5,647.88	5,535.10	46.75	27.63	164.82	-1,059.20	523.13	3,504.65	3,455.24	49.42	70.919		
6,800.00	6,265.49	5,729.89	5,615.32	47.54	28.05	164.84	-1,074.19	531.30	3,561.87	3,511.69	50.18	70.984		
6,900.00	6,356.06	5,811.90	5,695.53	48.32	28.46	164.86	-1,089.18	539.47	3,619.08	3,568.14	50.94	71.046		
7,000.00	6,446.63	5,893.91	5,775.74	49.10	28.88	164.88	-1,104.17	547.64	3,676.30	3,624.59	51.70	71.107		
7,100.00	6,537.19	5,975.92	5,855.96	49.88	29.30	164.89	-1,119.16	555.81	3,733.51	3,681.05	52.46	71.164		
7,200.00	6,627.76	6,057.93	5,936.17	50.67	29.71	164.91	-1,134.15	563.98	3,790.72	3,737.50	53.23	71.220		
7,300.00	6,718.33	6,139.94	6,016.39	51.45	30.13	164.92	-1,149.14	572.15	3,847.94	3,793.95	53.99	71.274		
7,400.00	6,808.90	6,221.95	6,096.60	52.23	30.55	164.94	-1,164.13	580.32	3,905.15	3,850.40	54.75	71.325		
7,500.00	6,899.46	6,303.96	6,176.81	53.01	30.96	164.95	-1,179.12	588.49	3,962.37	3,906.85	55.51	71.375		
7,600.00	6,990.03	6,385.97	6,257.03	53.80	31.38	164.97	-1,194.11	596.66	4,019.58	3,963.31	56.28	71.423		
7,700.00	7,080.60	6,467.98	6,337.24	54.58	31.80	164.98	-1,209.10	604.83	4,076.80	4,019.76	57.04	71.469		
7,743.09	7,119.63	6,503.32	6,371.81	54.92	31.98	164.99	-1,215.56	608.35	4,101.46	4,044.08	57.37	71.488		
7,750.00	7,125.88	6,508.99	6,377.35	54.97	32.01	166.92	-1,216.60	608.91	4,105.41	4,047.98	57.42	71.492		
7,800.00	7,171.32	6,549.85	6,417.32	55.35	32.21	-178.78	-1,224.07	612.98	4,134.10	4,076.30	57.80	71.529		
7,850.00	7,216.74	6,590.25	6,456.84	55.71	32.42	-164.61	-1,231.45	617.01	4,162.75	4,104.61	58.15	71.589		
7,900.00	7,261.79	6,629.89	6,495.61	56.05	32.62	-151.40	-1,238.70	620.96	4,191.18	4,132.70	58.48	71.672		
7,950.00	7,306.14	6,668.47	6,533.33	56.37	32.82	-139.64	-1,245.75	624.80	4,219.20	4,160.41	58.78	71.775		
8,000.00	7,349.44	6,705.68	6,569.73	56.66	33.01	-129.49	-1,252.55	628.51	4,246.63	4,187.56	59.06	71.898		
8,050.00	7,391.36	6,741.25	6,604.52	56.92	33.19	-120.86	-1,259.05	632.05	4,273.32	4,214.00	59.32	72.037		
8,100.00	7,431.59	6,774.90	6,637.44	57.16	33.36	-113.55	-1,265.20	635.40	4,299.13	4,239.58	59.55	72.191		
8,150.00	7,469.82	6,806.38	6,668.23	57.37	33.52	-107.36	-1,270.96	638.54	4,323.93	4,264.17	59.76	72.354		
8,200.00	7,505.76	6,835.46	6,696.67	57.55	33.67	-102.10	-1,276.27	641.43	4,347.59	4,287.64	59.95	72.523		
8,250.00	7,539.14	6,861.90	6,722.53	57.71	33.80	-97.62	-1,281.11	644.07	4,370.01	4,309.89	60.12	72.692		
8,300.00	7,569.69	6,885.51	6,745.62	57.84	33.92	-93.79	-1,285.42	646.42	4,391.08	4,330.81	60.27	72.855		
8,350.00	7,597.20	6,906.10	6,765.77	57.96	34.02	-90.52	-1,289.19	648.47	4,410.72	4,350.30	60.42	73.006		
8,400.00	7,621.44	6,923.53	6,782.81	58.04	34.11	-87.73	-1,292.37	650.21	4,428.82	4,368.27	60.55	73.137		
8,450.00	7,642.24	6,937.66	6,796.63	58.11	34.19	-85.37	-1,294.95	651.62	4,445.33	4,384.64	60.69	73.243		
8,500.00	7,659.43	6,948.37	6,807.11	58.16	34.24	-83.38	-1,296.91	652.68	4,460.15	4,399.32	60.83	73.319		
8,550.00	7,672.90	6,955.60	6,814.18	58.19	34.28	-81.73	-1,298.23	653.40	4,473.22	4,412.25	60.98	73.359		
8,600.00	7,682.52	6,959.28	6,817.78	58.20	34.30	-80.41	-1,298.91	653.77	4,484.48	4,423.35	61.13	73.362		
8,650.00	7,688.23	6,959.39	6,817.88	58.19	34.30	-79.38	-1,298.93	653.78	4,493.85	4,432.56	61.29	73.325		
8,697.19	7,690.00	6,956.21	6,814.77	58.18	34.28	-78.69	-1,298.34	653.46	4,500.92	4,439.48	61.44	73.256		
8,700.00	7,690.00	6,955.92	6,814.49	58.17	34.28	-78.68	-1,298.29	653.44	4,501.29	4,439.84	61.45	73.252		
8,800.00	7,690.00	6,945.82	6,804.62	58.15	34.23	-78.56	-1,296.45	652.43	4,515.53	4,453.68	61.86	73.000		
8,900.00	7,690.00	6,935.72	6,794.74	58.17	34.18	-78.43	-1,294.60	651.42	4,531.92	4,469.53	62.39	72.639		
9,000.00	7,690.00	8,514.33	7,690.00	58.24	35.98	-90.00	-1,456.73	-230.55	4,540.45	4,466.40	74.05	61.312		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,100.00	7,690.00	8,614.33	7,690.00	58.37	36.80	-90.00	-1,456.20	-330.55	4,540.68	4,463.98	76.70	59.203		
9,200.00	7,690.00	8,714.33	7,690.00	58.56	38.40	-90.00	-1,455.67	-430.55	4,540.90	4,461.28	79.62	57.035		
9,300.00	7,690.00	8,814.33	7,690.00	58.83	40.13	-90.00	-1,455.13	-530.55	4,541.12	4,458.34	82.78	54.855		
9,400.00	7,690.00	8,914.33	7,690.00	59.19	41.95	-90.00	-1,454.60	-630.55	4,541.34	4,455.17	86.17	52.700		
9,500.00	7,690.00	9,014.33	7,690.00	59.66	43.86	-90.00	-1,454.07	-730.54	4,541.57	4,451.81	89.76	50.597		
9,600.00	7,690.00	9,114.33	7,690.00	60.26	45.85	-90.00	-1,453.54	-830.54	4,541.79	4,448.27	93.52	48.566		
9,700.00	7,690.00	9,214.33	7,690.00	61.01	47.90	-90.00	-1,453.00	-930.54	4,542.01	4,444.58	97.43	46.618		
9,800.00	7,690.00	9,314.33	7,690.00	61.93	50.01	-90.00	-1,452.47	-1,030.54	4,542.23	4,440.76	101.48	44.761		
9,900.00	7,690.00	9,414.33	7,690.00	63.01	52.17	-90.00	-1,451.94	-1,130.54	4,542.46	4,436.81	105.65	42.997		
10,000.00	7,690.00	9,514.33	7,690.00	64.27	54.38	-90.00	-1,451.41	-1,230.54	4,542.68	4,432.76	109.92	41.327		
10,100.00	7,690.00	9,614.33	7,690.00	65.70	56.63	-90.00	-1,450.87	-1,330.53	4,542.90	4,428.61	114.29	39.749		
10,200.00	7,690.00	9,714.33	7,690.00	67.27	58.91	-90.00	-1,450.34	-1,430.53	4,543.12	4,424.38	118.74	38.260		
10,300.00	7,690.00	9,814.33	7,690.00	68.97	61.23	-90.00	-1,449.81	-1,530.53	4,543.35	4,420.07	123.27	36.856		
10,400.00	7,690.00	9,914.33	7,690.00	70.79	63.57	-90.00	-1,449.28	-1,630.53	4,543.57	4,415.70	127.87	35.533		
10,500.00	7,690.00	10,014.33	7,690.00	72.70	65.95	-90.00	-1,448.74	-1,730.53	4,543.79	4,411.27	132.52	34.286		
10,600.00	7,690.00	10,114.33	7,690.00	74.69	68.34	-90.00	-1,448.21	-1,830.53	4,544.02	4,406.78	137.23	33.111		
10,700.00	7,690.00	10,214.33	7,690.00	76.74	70.76	-90.00	-1,447.68	-1,930.52	4,544.24	4,402.24	141.99	32.003		
10,800.00	7,690.00	10,314.33	7,690.00	78.86	73.19	-90.00	-1,447.15	-2,030.52	4,544.46	4,397.66	146.80	30.958		
10,900.00	7,690.00	10,414.33	7,690.00	81.03	75.64	-90.00	-1,446.62	-2,130.52	4,544.68	4,393.04	151.64	29.971		
11,000.00	7,690.00	10,514.33	7,690.00	83.24	78.11	-90.00	-1,446.08	-2,230.52	4,544.91	4,388.39	156.52	29.038		
11,100.00	7,690.00	10,614.32	7,690.00	85.49	80.59	-90.00	-1,445.55	-2,330.52	4,545.13	4,383.70	161.43	28.156		
11,200.00	7,690.00	10,714.32	7,690.00	87.77	83.09	-90.00	-1,445.02	-2,430.52	4,545.35	4,378.98	166.37	27.321		
11,300.00	7,690.00	10,814.32	7,690.00	90.09	85.59	-90.00	-1,444.49	-2,530.51	4,545.57	4,374.24	171.34	26.530		
11,400.00	7,690.00	10,914.32	7,690.00	92.43	88.11	-90.00	-1,443.95	-2,630.51	4,545.80	4,369.46	176.33	25.780		
11,500.00	7,690.00	11,014.32	7,690.00	94.79	90.64	-90.00	-1,443.42	-2,730.51	4,546.02	4,364.67	181.35	25.068		
11,600.00	7,690.00	11,114.32	7,690.00	97.17	93.18	-90.00	-1,442.89	-2,830.51	4,546.24	4,359.85	186.39	24.391		
11,700.00	7,690.00	11,214.32	7,690.00	99.57	95.72	-90.00	-1,442.36	-2,930.51	4,546.46	4,355.02	191.44	23.748		
11,800.00	7,690.00	11,314.32	7,690.00	101.99	98.28	-90.00	-1,441.82	-3,030.51	4,546.69	4,350.17	196.52	23.136		
11,900.00	7,690.00	11,414.32	7,690.00	104.43	100.84	-90.00	-1,441.29	-3,130.50	4,546.91	4,345.30	201.61	22.553		
12,000.00	7,690.00	11,514.32	7,690.00	106.88	103.40	-90.00	-1,440.76	-3,230.50	4,547.13	4,340.41	206.72	21.997		
12,100.00	7,690.00	11,614.32	7,690.00	109.34	105.98	-90.00	-1,440.23	-3,330.50	4,547.35	4,335.51	211.84	21.466		
12,200.00	7,690.00	11,714.32	7,690.00	111.81	108.56	-90.00	-1,439.69	-3,430.50	4,547.58	4,330.60	216.98	20.959		
12,300.00	7,690.00	11,814.32	7,690.00	114.30	111.14	-90.00	-1,439.16	-3,530.50	4,547.80	4,325.68	222.12	20.474		
12,400.00	7,690.00	11,914.32	7,690.00	116.79	113.73	-90.00	-1,438.63	-3,630.50	4,548.02	4,320.74	227.28	20.011		
12,500.00	7,690.00	12,014.32	7,690.00	119.30	116.33	-90.00	-1,438.10	-3,730.49	4,548.24	4,315.79	232.45	19.567		
12,600.00	7,690.00	12,114.32	7,690.00	121.81	118.93	-90.00	-1,437.57	-3,830.49	4,548.47	4,310.84	237.63	19.141		
12,700.00	7,690.00	12,214.32	7,690.00	124.33	121.53	-90.00	-1,437.03	-3,930.49	4,548.69	4,305.87	242.82	18.733		
12,800.00	7,690.00	12,314.32	7,690.00	126.86	124.14	-90.00	-1,436.50	-4,030.49	4,548.91	4,300.90	248.02	18.341		
12,900.00	7,690.00	12,414.32	7,690.00	129.40	126.75	-90.00	-1,435.97	-4,130.49	4,549.14	4,295.91	253.22	17.965		
13,000.00	7,690.00	12,514.32	7,690.00	131.94	129.36	-90.00	-1,435.44	-4,230.49	4,549.36	4,290.92	258.44	17.603		
13,100.00	7,690.00	12,614.32	7,690.00	134.49	131.98	-90.00	-1,434.90	-4,330.48	4,549.58	4,285.92	263.66	17.256		
13,200.00	7,690.00	12,714.32	7,690.00	137.05	134.60	-90.00	-1,434.37	-4,430.48	4,549.80	4,280.92	268.89	16.921		
13,300.00	7,690.00	12,814.32	7,690.00	139.61	137.23	-90.00	-1,433.84	-4,530.48	4,550.03	4,275.91	274.12	16.599		
13,400.00	7,690.00	12,914.32	7,690.00	142.18	139.85	-90.00	-1,433.31	-4,630.48	4,550.25	4,270.89	279.36	16.288		
13,500.00	7,690.00	13,014.32	7,690.00	144.75	142.48	-90.00	-1,432.77	-4,730.48	4,550.47	4,265.86	284.61	15.989		
13,600.00	7,690.00	13,114.32	7,690.00	147.33	145.12	-90.00	-1,432.24	-4,830.48	4,550.69	4,260.84	289.86	15.700		
13,700.00	7,690.00	13,214.32	7,690.00	149.91	147.75	-90.00	-1,431.71	-4,930.47	4,550.92	4,255.80	295.12	15.421		
13,800.00	7,690.00	13,314.32	7,690.00	152.49	150.39	-90.00	-1,431.18	-5,030.47	4,551.14	4,250.76	300.38	15.151		
13,900.00	7,690.00	13,414.32	7,690.00	155.08	153.02	-90.00	-1,430.64	-5,130.47	4,551.36	4,245.72	305.64	14.891		
14,000.00	7,690.00	13,514.32	7,690.00	157.67	155.66	-90.00	-1,430.11	-5,230.47	4,551.58	4,240.67	310.91	14.639		
14,100.00	7,690.00	13,614.32	7,690.00	160.27	158.31	-90.00	-1,429.58	-5,330.47	4,551.81	4,235.62	316.19	14.396		
14,200.00	7,690.00	13,714.32	7,690.00	162.87	160.95	-90.00	-1,429.05	-5,430.47	4,552.03	4,230.56	321.47	14.160		

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 KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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 - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,300.00	7,690.00	13,814.32	7,690.00	165.47	163.60	-90.00	-1,428.52	-5,530.46	4,552.25	4,225.50	326.75	13.932		
14,400.00	7,690.00	13,914.32	7,690.00	168.08	166.24	-90.00	-1,427.98	-5,630.46	4,552.47	4,220.44	332.04	13.711		
14,500.00	7,690.00	14,014.32	7,690.00	170.69	168.89	-90.00	-1,427.45	-5,730.46	4,552.70	4,215.37	337.33	13.496		
14,600.00	7,690.00	14,114.32	7,690.00	173.30	171.54	-90.00	-1,426.92	-5,830.46	4,552.92	4,210.30	342.62	13.288		
14,700.00	7,690.00	14,214.32	7,690.00	175.91	174.19	-90.00	-1,426.39	-5,930.46	4,553.14	4,205.22	347.92	13.087		
14,800.00	7,690.00	14,314.32	7,690.00	178.53	176.85	-90.00	-1,425.85	-6,030.46	4,553.37	4,200.15	353.22	12.891		
14,900.00	7,690.00	14,414.32	7,690.00	181.15	179.50	-90.00	-1,425.32	-6,130.45	4,553.59	4,195.07	358.52	12.701		
15,000.00	7,690.00	14,514.32	7,690.00	183.77	182.16	-90.00	-1,424.79	-6,230.45	4,553.81	4,189.99	363.82	12.516		
15,100.00	7,690.00	14,614.31	7,690.00	186.39	184.82	-90.00	-1,424.26	-6,330.45	4,554.03	4,184.90	369.13	12.337		
15,200.00	7,690.00	14,714.31	7,690.00	189.02	187.47	-90.00	-1,423.72	-6,430.45	4,554.26	4,179.81	374.44	12.163		
15,300.00	7,690.00	14,814.31	7,690.00	191.65	190.13	-90.00	-1,423.19	-6,530.45	4,554.48	4,174.72	379.76	11.993		
15,400.00	7,690.00	14,914.31	7,690.00	194.27	192.79	-90.00	-1,422.66	-6,630.45	4,554.70	4,169.63	385.07	11.828		
15,500.00	7,690.00	15,014.31	7,690.00	196.91	195.45	-90.00	-1,422.13	-6,730.44	4,554.92	4,164.54	390.39	11.668		
15,600.00	7,690.00	15,114.31	7,690.00	199.54	198.12	-90.00	-1,421.59	-6,830.44	4,555.15	4,159.44	395.71	11.511		
15,700.00	7,690.00	15,214.31	7,690.00	202.17	200.78	-90.00	-1,421.06	-6,930.44	4,555.37	4,154.34	401.03	11.359		
15,800.00	7,690.00	15,314.31	7,690.00	204.81	203.44	-90.00	-1,420.53	-7,030.44	4,555.59	4,149.24	406.35	11.211		
15,900.00	7,690.00	15,414.31	7,690.00	207.45	206.11	-90.00	-1,420.00	-7,130.44	4,555.81	4,144.14	411.68	11.067		
16,000.00	7,690.00	15,514.31	7,690.00	210.09	208.77	-90.00	-1,419.47	-7,230.44	4,556.04	4,139.03	417.00	10.926		
16,100.00	7,690.00	15,614.31	7,690.00	212.73	211.44	-90.00	-1,418.93	-7,330.43	4,556.26	4,133.93	422.33	10.788		
16,200.00	7,690.00	15,714.31	7,690.00	215.37	214.11	-90.00	-1,418.40	-7,430.43	4,556.48	4,128.82	427.66	10.654		
16,300.00	7,690.00	15,814.31	7,690.00	218.02	216.78	-90.00	-1,417.87	-7,530.43	4,556.70	4,123.71	432.99	10.524		
16,400.00	7,690.00	15,914.31	7,690.00	220.66	219.44	-90.00	-1,417.34	-7,630.43	4,556.93	4,118.60	438.33	10.396		
16,500.00	7,690.00	16,014.31	7,690.00	223.31	222.11	-90.00	-1,416.80	-7,730.43	4,557.15	4,113.49	443.66	10.272		
16,600.00	7,690.00	16,114.31	7,690.00	225.95	224.78	-90.00	-1,416.27	-7,830.43	4,557.37	4,108.37	449.00	10.150		
16,700.00	7,690.00	16,214.31	7,690.00	228.60	227.45	-90.00	-1,415.74	-7,930.42	4,557.59	4,103.26	454.34	10.031		
16,800.00	7,690.00	16,314.31	7,690.00	231.25	230.13	-90.00	-1,415.21	-8,030.42	4,557.82	4,098.14	459.68	9.915		
16,900.00	7,690.00	16,414.31	7,690.00	233.90	232.80	-90.00	-1,414.67	-8,130.42	4,558.04	4,093.02	465.02	9.802		
17,000.00	7,690.00	16,514.31	7,690.00	236.56	235.47	-90.00	-1,414.14	-8,230.42	4,558.26	4,087.91	470.36	9.691		
17,100.00	7,690.00	16,614.31	7,690.00	239.21	238.14	-90.00	-1,413.61	-8,330.42	4,558.49	4,082.79	475.70	9.583		
17,200.00	7,690.00	16,714.31	7,690.00	241.86	240.82	-90.00	-1,413.08	-8,430.42	4,558.71	4,077.66	481.04	9.477		
17,300.00	7,690.00	16,814.31	7,690.00	244.52	243.49	-90.00	-1,412.55	-8,530.41	4,558.93	4,072.54	486.39	9.373		
17,400.00	7,690.00	16,914.31	7,690.00	247.17	246.17	-90.00	-1,412.01	-8,630.41	4,559.15	4,067.42	491.74	9.272		
17,500.00	7,690.00	17,014.31	7,690.00	249.83	248.84	-90.00	-1,411.48	-8,730.41	4,559.38	4,062.29	497.08	9.172		
17,600.00	7,690.00	17,114.31	7,690.00	252.49	251.52	-90.00	-1,410.95	-8,830.41	4,559.60	4,057.17	502.43	9.075		
17,700.00	7,690.00	17,214.31	7,690.00	255.15	254.19	-90.00	-1,410.42	-8,930.41	4,559.82	4,052.04	507.78	8.980		
17,800.00	7,690.00	17,314.31	7,690.00	257.81	256.87	-90.00	-1,409.88	-9,030.41	4,560.04	4,046.91	513.13	8.887		
17,900.00	7,690.00	17,414.31	7,690.00	260.47	259.55	-90.00	-1,409.35	-9,130.40	4,560.27	4,041.78	518.48	8.795		
18,000.00	7,690.00	17,514.31	7,690.00	263.13	262.22	-90.00	-1,408.82	-9,230.40	4,560.49	4,036.65	523.83	8.706		
18,100.00	7,690.00	17,614.31	7,690.00	265.79	264.90	-90.00	-1,408.29	-9,330.40	4,560.71	4,031.52	529.19	8.618		
18,200.00	7,690.00	17,714.31	7,690.00	268.45	267.58	-90.00	-1,407.75	-9,430.40	4,560.93	4,026.39	534.54	8.532		
18,300.00	7,690.00	17,814.31	7,690.00	271.11	270.26	-90.00	-1,407.22	-9,530.40	4,561.16	4,021.26	539.90	8.448		
18,400.00	7,690.00	17,914.31	7,690.00	273.78	272.94	-90.00	-1,406.69	-9,630.40	4,561.38	4,016.13	545.25	8.366		
18,500.00	7,690.00	18,014.31	7,690.00	276.44	275.61	-90.00	-1,406.16	-9,730.39	4,561.60	4,010.99	550.61	8.285		
18,602.86	7,690.00	18,117.17	7,690.00	279.18	278.37	-90.00	-1,405.61	-9,833.26	4,561.83	4,005.71	556.12	8.203 SF		

Civitas Resources

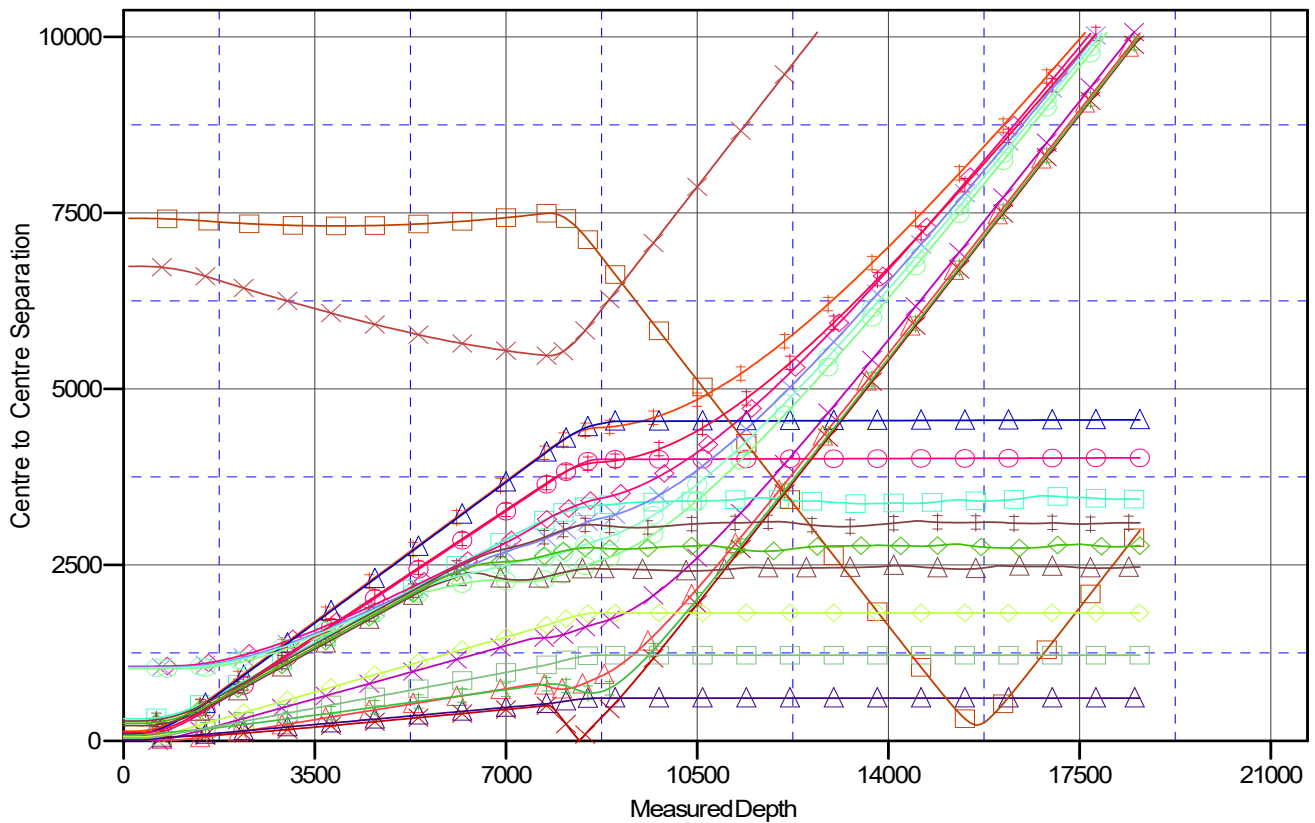
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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' @ 5610.00usft
Offset Depths are relative to Offset Datum
Central Meridian is 105.500000°W

Coordinates are relative to: KING 3-65 28-29 1AH
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 2AH, OWB, PROPOSAL 1 V0	KING 3-65 28-29 1BH, OWB, PROPOSAL 1 V0	BEAR 3-65 28-29 4BH, OWB, PROPOSAL 1 V0
FLORIDA 3-65 27-26 1BH, OWB, PROPOSAL 1 V0	FLORIDA 3-65 27-26 4BH, OWB, PROPOSAL 1 V0	FLORIDA 3-65 27-26 4AH, OWB, PROPOSAL 1 V0
EXIST HZ KING3-65 28-29 3DH, OWB, FINAL SURVEY V0	EXIST HZ RESERVE 3-65 26-1H, OWB, FINAL SURVEY V0	KING 3-65 28-29 2AH, OWB, PROPOSAL 1 V0
KING 3-65 28-29 4AH, OWB, PROPOSAL 1 V0	KING 3-65 28-29 4BH, OWB, PROPOSAL 1 V0	EXIST HZ KING3-65 28-29 3AH, OWB, FINAL SURVEY V0
EXIST HZ FLORIDA 3-65 27-26 3DH OWB, FINAL SURVEY V0	ABND VERT EMMA E MCVEY 1, OWB, Design#1 V0	EXIST HZ FLORIDA 3-65 27-26 3BH OWB, FINAL SURVEY V0
EXIST HZ FLORIDA 3-65 27-26 3CH OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3-65 27-26 3AH OWB, FINAL SURVEY V0	EXIST HZ KING3-65 28-29 3BH, OWB, FINAL SURVEY V0
FLORIDA 3-65 27-26 1AH, OWB, PROPOSAL 1 V0	KING 3-65 28-29 2BH, OWB, PROPOSAL 1 V0	EXIST HZ KING3-65 28-29 3CH, OWB, FINAL SURVEY V0

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

Civitas Resources

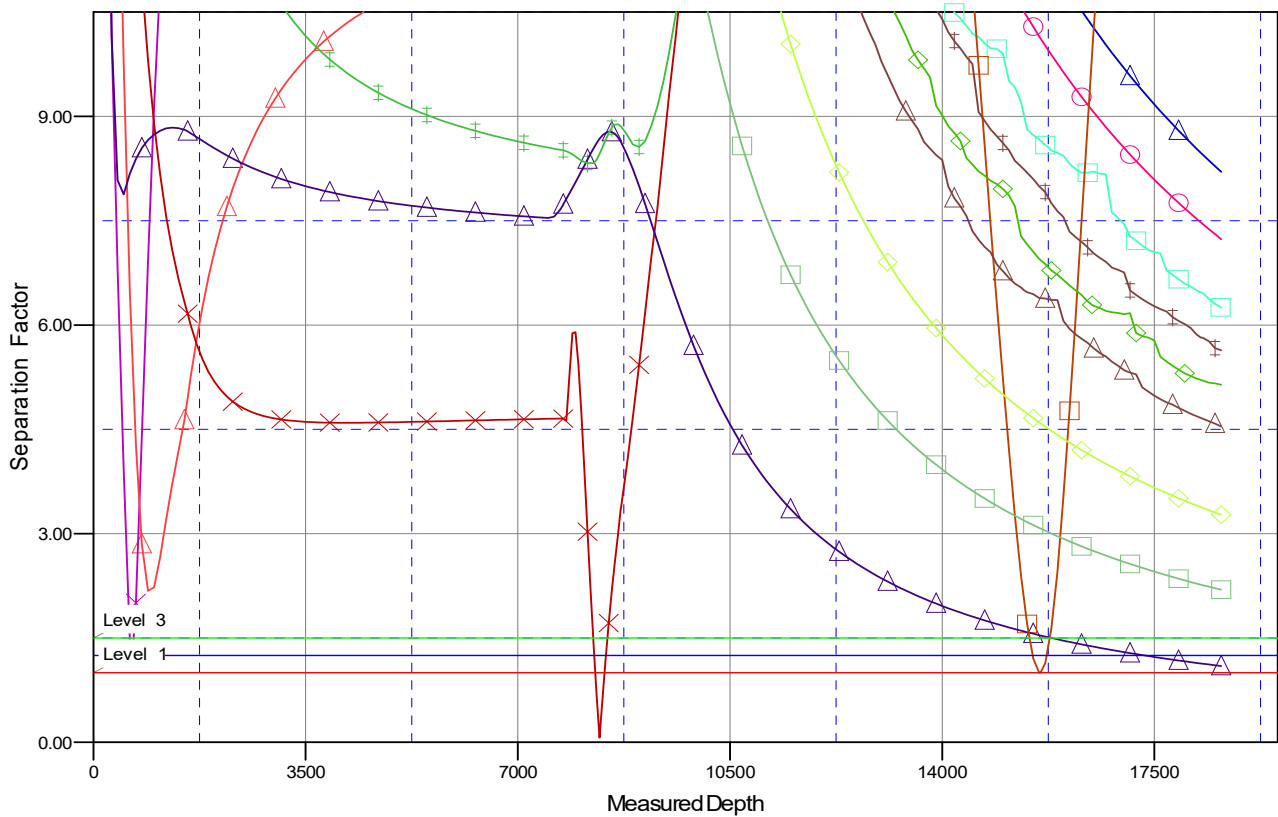
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well KING 3-65 28-29 1AH
Project:	ADAMS COUNTY	TVD Reference:	KB 25' @ 5610.00usft
Reference Site:	SEC 28-T3S-R65W	MD Reference:	KB 25' @ 5610.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	KING 3-65 28-29 1AH	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' @ 5610.00usft
 Offset Depths are relative to Offset Datum
 Central Meridian is 105.500000°W

Coordinates are relative to: KING 3-65 28-29 1AH
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.54°

Separation Factor Plot



LEGEND

FLORIDA 346 27-26 2AH, OWB, PROPOSAL 1 V0	KING 346528-29 1BH, OWB, PROPOSAL 1 V0	BEAR 346 26-23 4BH, OWB, PROPOSAL 1 V0
FLORIDA 346 27-26 1BH, OWB, PROPOSAL 1 V0	FLORIDA 346 27-26 4BH, OWB, PROPOSAL 1 V0	FLORIDA 346 27-26 4AH, OWB, PROPOSAL 1 V0
EXIST HZ KING3465 28-29 3DH, OWB, FINAL SURVEY V0	EXIST HZ RESERVE 346526-1H, OWB, FINAL SURVEY V0	KING 346528-29 2AH, OWB, PROPOSAL 1 V0
KING 346528-29 4AH, OWB, PROPOSAL 1 V0	KING 346528-29 4BH, OWB, PROPOSAL 1 V0	EXIST HZ KING3465 28-29 3AH, OWB, FINAL SURVEY V0
EXIST HZ FLORIDA 3465 27-26 3DH, OWB, FINAL SURVEY V0	ABND VERT EMMA E MCVEY 1, OWB, Design#1 V0	EXIST HZ FLORIDA 3465 27-26 3BH, OWB, FINAL SURVEY V0
EXIST HZ FLORIDA 3465 27-26 3CH, OWB, FINAL SURVEY V0	EXIST HZ FLORIDA 3465 27-26 3AH, OWB, FINAL SURVEY V0	EXIST HZ KING3465 28-29 3BH, OWB, FINAL SURVEY V0
FLORIDA 346 27-26 1AH, OWB, PROPOSAL 1 V0	KING 346528-29 2BH, OWB, PROPOSAL 1 V0	EXIST HZ KING3465 28-29 3CH, OWB, FINAL SURVEY V0