

# **CRESTONE PEAK RESOURCES**

**ARAPAHOE COUNTY**

**SEC 26-T4S-R65W**

**GRIMM MOTOCROSS 4-65 23 2A3AUH**

**OWB**

**PROPOSAL 1**

## **Anticollision Report**

**05 December, 2024**

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	PROPOSAL 1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD Interval 1.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	11,200.00 to 12,000.00usft	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Unknown AC limit!	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	12/4/2024			
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.00	15,042.07	PROPOSAL 1 (OWB)	MWD OWSG	OWSG MWD - Standard	

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (usft)</b>	<b>Offset Measured Depth (usft)</b>	<b>Distance Between Centres (usft)</b>	<b>Distance Between Ellipses (usft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
SEC 26-T4S-R65W						
GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROP	11,658.80	12,700.28	68.71	-17.20	0.800	Level 1, CC
GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROP	11,738.00	12,772.74	74.23	-31.93	0.699	Level 1, SF
GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROP	11,772.00	12,800.00	81.04	-32.59	0.713	Level 1, ES

<b>Offset Design</b>	SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROPOSAL 1											<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>	0-MWD OWSG											<b>Offset Well Error:</b>	0.00 usft
<b>Reference</b>	<b>Offset</b>	<b>Semi Major Axis</b>		<b>Distance</b>									
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	<b>Warning</b>
11,200.00	7,922.15	12,280.34	7,986.50	108.25	110.66	-116.08	6,274.80	1,016.53	198.12	127.10	71.02	2.790	
11,201.00	7,922.14	12,281.06	7,986.49	108.27	110.66	-116.13	6,274.80	1,017.25	197.46	126.49	70.97	2.782	
11,202.00	7,922.12	12,281.79	7,986.49	108.28	110.67	-116.18	6,274.80	1,017.97	196.81	125.89	70.92	2.775	
11,203.00	7,922.11	12,282.51	7,986.48	108.29	110.67	-116.22	6,274.80	1,018.69	196.16	125.29	70.87	2.768	
11,204.00	7,922.10	12,283.23	7,986.48	108.30	110.67	-116.27	6,274.80	1,019.42	195.51	124.69	70.82	2.761	
11,205.00	7,922.09	12,283.96	7,986.48	108.32	110.67	-116.32	6,274.80	1,020.14	194.86	124.10	70.77	2.754	
11,206.00	7,922.08	12,284.68	7,986.47	108.33	110.67	-116.37	6,274.81	1,020.87	194.22	123.50	70.72	2.746	
11,207.00	7,922.07	12,285.41	7,986.47	108.34	110.67	-116.42	6,274.81	1,021.59	193.57	122.91	70.66	2.739	
11,208.00	7,922.05	12,286.14	7,986.46	108.35	110.67	-116.46	6,274.81	1,022.32	192.93	122.32	70.61	2.732	
11,209.00	7,922.04	12,286.87	7,986.46	108.37	110.68	-116.51	6,274.81	1,023.05	192.29	121.73	70.56	2.725	
11,210.00	7,922.03	12,287.60	7,986.45	108.38	110.68	-116.56	6,274.81	1,023.78	191.65	121.14	70.51	2.718	
11,211.00	7,922.02	12,288.33	7,986.45	108.39	110.68	-116.61	6,274.81	1,024.52	191.01	120.56	70.45	2.711	
11,212.00	7,922.01	12,289.07	7,986.45	108.40	110.68	-116.66	6,274.81	1,025.25	190.37	119.97	70.40	2.704	
11,213.00	7,921.99	12,289.80	7,986.44	108.42	110.68	-116.71	6,274.81	1,025.98	189.74	119.39	70.35	2.697	
11,214.00	7,921.98	12,290.54	7,986.44	108.43	110.68	-116.77	6,274.81	1,026.72	189.10	118.81	70.29	2.690	
11,215.00	7,921.97	12,291.27	7,986.43	108.44	110.68	-116.82	6,274.81	1,027.46	188.47	118.23	70.24	2.683	
11,216.00	7,921.96	12,292.01	7,986.43	108.45	110.69	-116.87	6,274.81	1,028.19	187.84	117.66	70.18	2.676	
11,217.00	7,921.95	12,292.75	7,986.43	108.47	110.69	-116.92	6,274.81	1,028.93	187.21	117.08	70.13	2.670	
11,218.00	7,921.93	12,293.49	7,986.42	108.48	110.69	-116.97	6,274.81	1,029.67	186.58	116.51	70.07	2.663	
11,219.00	7,921.92	12,294.23	7,986.42	108.49	110.69	-117.03	6,274.81	1,030.42	185.96	115.94	70.02	2.656	
11,220.00	7,921.91	12,294.98	7,986.41	108.50	110.69	-117.08	6,274.81	1,031.16	185.33	115.37	69.96	2.649	
11,221.00	7,921.90	12,295.72	7,986.41	108.52	110.69	-117.13	6,274.81	1,031.90	184.71	114.80	69.90	2.642	
11,222.00	7,921.88	12,296.46	7,986.40	108.53	110.70	-117.19	6,274.81	1,032.65	184.08	114.24	69.85	2.635	
11,223.00	7,921.87	12,297.21	7,986.40	108.54	110.70	-117.24	6,274.81	1,033.39	183.46	113.67	69.79	2.629	

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

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<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,224.00	7,921.86	12,297.96	7,986.40	108.55	110.70	-117.30	6,274.81	1,034.14	182.85	113.11	69.73	2.622		
11,225.00	7,921.85	12,298.71	7,986.39	108.57	110.70	-117.35	6,274.81	1,034.89	182.23	112.55	69.68	2.615		
11,226.00	7,921.84	12,299.46	7,986.39	108.58	110.70	-117.41	6,274.81	1,035.64	181.61	111.99	69.62	2.609		
11,227.00	7,921.82	12,300.21	7,986.38	108.59	110.70	-117.47	6,274.81	1,036.39	181.00	111.44	69.56	2.602		
11,228.00	7,921.81	12,300.96	7,986.38	108.60	110.70	-117.52	6,274.81	1,037.14	180.39	110.88	69.50	2.595		
11,229.00	7,921.80	12,301.71	7,986.37	108.62	110.71	-117.58	6,274.81	1,037.90	179.77	110.33	69.45	2.589		
11,230.00	7,921.79	12,302.47	7,986.37	108.63	110.71	-117.64	6,274.81	1,038.65	179.16	109.78	69.39	2.582		
11,231.00	7,921.77	12,303.22	7,986.37	108.64	110.71	-117.69	6,274.81	1,039.41	178.56	109.23	69.33	2.575		
11,232.00	7,921.76	12,303.98	7,986.36	108.65	110.71	-117.75	6,274.81	1,040.16	177.95	108.68	69.27	2.569		
11,233.00	7,921.75	12,304.74	7,986.36	108.67	110.71	-117.81	6,274.81	1,040.92	177.34	108.13	69.21	2.562		
11,234.00	7,921.74	12,305.50	7,986.35	108.68	110.71	-117.87	6,274.81	1,041.68	176.74	107.59	69.15	2.556		
11,235.00	7,921.73	12,306.26	7,986.35	108.69	110.71	-117.93	6,274.81	1,042.44	176.14	107.05	69.09	2.549		
11,236.00	7,921.71	12,307.02	7,986.34	108.70	110.72	-117.99	6,274.81	1,043.20	175.54	106.51	69.03	2.543		
11,237.00	7,921.70	12,307.78	7,986.34	108.72	110.72	-118.05	6,274.81	1,043.96	174.94	105.97	68.97	2.536		
11,238.00	7,921.69	12,308.54	7,986.33	108.73	110.72	-118.11	6,274.81	1,044.73	174.34	105.43	68.91	2.530		
11,239.00	7,921.68	12,309.31	7,986.33	108.74	110.72	-118.17	6,274.81	1,045.49	173.75	104.90	68.85	2.524		
11,240.00	7,921.66	12,310.07	7,986.33	108.75	110.72	-118.23	6,274.82	1,046.26	173.16	104.36	68.79	2.517		
11,241.00	7,921.65	12,310.84	7,986.32	108.77	110.72	-118.29	6,274.82	1,047.02	172.56	103.83	68.73	2.511		
11,242.00	7,921.64	12,311.61	7,986.32	108.78	110.73	-118.35	6,274.82	1,047.79	171.97	103.31	68.67	2.504		
11,243.00	7,921.63	12,312.38	7,986.31	108.79	110.73	-118.42	6,274.82	1,048.56	171.38	102.78	68.60	2.498		
11,244.00	7,921.61	12,313.15	7,986.31	108.80	110.73	-118.48	6,274.82	1,049.33	170.80	102.25	68.54	2.492		
11,245.00	7,921.60	12,313.92	7,986.30	108.82	110.73	-118.54	6,274.82	1,050.10	170.21	101.73	68.48	2.486		
11,246.00	7,921.59	12,314.69	7,986.30	108.83	110.73	-118.61	6,274.82	1,050.87	169.63	101.21	68.42	2.479		
11,247.00	7,921.58	12,315.46	7,986.29	108.84	110.73	-118.67	6,274.82	1,051.65	169.04	100.69	68.35	2.473		
11,248.00	7,921.56	12,316.24	7,986.29	108.85	110.73	-118.73	6,274.82	1,052.42	168.46	100.17	68.29	2.467		
11,249.00	7,921.55	12,317.01	7,986.29	108.87	110.74	-118.80	6,274.82	1,053.20	167.88	99.66	68.23	2.461		
11,250.00	7,921.54	12,317.79	7,986.28	108.88	110.74	-118.86	6,274.82	1,053.97	167.31	99.14	68.16	2.455		
11,251.00	7,921.52	12,318.57	7,986.28	108.89	110.74	-118.93	6,274.82	1,054.75	166.73	98.63	68.10	2.448		
11,252.00	7,921.51	12,319.35	7,986.27	108.90	110.74	-119.00	6,274.82	1,055.53	166.16	98.12	68.03	2.442		
11,253.00	7,921.50	12,320.13	7,986.27	108.91	110.74	-119.06	6,274.82	1,056.31	165.58	97.61	67.97	2.436		
11,254.00	7,921.49	12,320.91	7,986.26	108.93	110.74	-119.13	6,274.82	1,057.09	165.01	97.11	67.91	2.430		
11,255.00	7,921.47	12,321.69	7,986.26	108.94	110.75	-119.20	6,274.82	1,057.87	164.44	96.60	67.84	2.424		
11,256.00	7,921.46	12,322.47	7,986.25	108.95	110.75	-119.26	6,274.82	1,058.66	163.87	96.10	67.78	2.418		
11,257.00	7,921.45	12,323.26	7,986.25	108.96	110.75	-119.33	6,274.82	1,059.44	163.31	95.60	67.71	2.412		
11,258.00	7,921.44	12,324.04	7,986.25	108.97	110.75	-119.40	6,274.82	1,060.23	162.74	95.10	67.64	2.406		
11,259.00	7,921.42	12,324.83	7,986.24	108.98	110.75	-119.47	6,274.82	1,061.01	162.18	94.60	67.58	2.400		
11,260.00	7,921.41	12,325.62	7,986.24	108.99	110.75	-119.54	6,274.82	1,061.80	161.62	94.11	67.51	2.394		
11,261.00	7,921.40	12,326.41	7,986.23	109.01	110.75	-119.61	6,274.82	1,062.59	161.06	93.61	67.45	2.388		
11,262.00	7,921.38	12,327.20	7,986.23	109.02	110.76	-119.68	6,274.82	1,063.38	160.50	93.12	67.38	2.382		
11,263.00	7,921.37	12,327.99	7,986.22	109.03	110.76	-119.75	6,274.82	1,064.17	159.95	92.64	67.31	2.376		
11,264.00	7,921.36	12,328.78	7,986.22	109.04	110.76	-119.82	6,274.82	1,064.96	159.39	92.15	67.24	2.370		
11,265.00	7,921.35	12,329.57	7,986.21	109.05	110.76	-119.89	6,274.82	1,065.76	158.84	91.66	67.18	2.365		
11,266.00	7,921.33	12,330.37	7,986.21	109.06	110.76	-119.96	6,274.82	1,066.55	158.29	91.18	67.11	2.359		
11,267.00	7,921.32	12,331.16	7,986.20	109.08	110.76	-120.04	6,274.82	1,067.35	157.74	90.70	67.04	2.353		
11,268.00	7,921.31	12,331.96	7,986.20	109.09	110.77	-120.11	6,274.82	1,068.14	157.19	90.22	66.97	2.347		
11,269.00	7,921.29	12,332.76	7,986.20	109.10	110.77	-120.18	6,274.82	1,068.94	156.64	89.74	66.90	2.341		
11,270.00	7,921.28	12,333.55	7,986.19	109.11	110.77	-120.26	6,274.82	1,069.74	156.10	89.27	66.83	2.336		
11,271.00	7,921.27	12,334.35	7,986.19	109.12	110.77	-120.33	6,274.82	1,070.54	155.56	88.79	66.76	2.330		
11,272.00	7,921.25	12,335.15	7,986.18	109.13	110.77	-120.40	6,274.82	1,071.34	155.02	88.32	66.69	2.324		
11,273.00	7,921.24	12,335.96	7,986.18	109.14	110.77	-120.48	6,274.83	1,072.14	154.48	87.85	66.62	2.319		
11,274.00	7,921.23	12,336.76	7,986.17	109.16	110.78	-120.56	6,274.83	1,072.94	153.94	87.39	66.55	2.313		
11,275.00	7,921.22	12,337.56	7,986.17	109.17	110.78	-120.63	6,274.83	1,073.74	153.40	86.92	66.48	2.307		

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,276.00	7,921.20	12,338.37	7,986.16	109.18	110.78	-120.71	6,274.83	1,074.55	152.87	86.46	66.41	2.302		
11,277.00	7,921.19	12,339.17	7,986.16	109.19	110.78	-120.78	6,274.83	1,075.35	152.34	86.00	66.34	2.296		
11,278.00	7,921.18	12,339.98	7,986.15	109.20	110.78	-120.86	6,274.83	1,076.16	151.81	85.54	66.27	2.291		
11,279.00	7,921.16	12,340.79	7,986.15	109.21	110.78	-120.94	6,274.83	1,076.97	151.28	85.08	66.20	2.285		
11,280.00	7,921.15	12,341.59	7,986.14	109.23	110.79	-121.02	6,274.83	1,077.78	150.75	84.63	66.12	2.280		
11,281.00	7,921.14	12,342.40	7,986.14	109.24	110.79	-121.10	6,274.83	1,078.59	150.22	84.17	66.05	2.274		
11,282.00	7,921.12	12,343.22	7,986.14	109.25	110.79	-121.17	6,274.83	1,079.40	149.70	83.72	65.98	2.269		
11,283.00	7,921.11	12,344.03	7,986.13	109.26	110.79	-121.25	6,274.83	1,080.21	149.18	83.27	65.91	2.263		
11,284.00	7,921.10	12,344.84	7,986.13	109.27	110.79	-121.33	6,274.83	1,081.02	148.66	82.82	65.83	2.258		
11,285.00	7,921.08	12,345.65	7,986.12	109.28	110.79	-121.41	6,274.83	1,081.84	148.14	82.38	65.76	2.253		
11,286.00	7,921.07	12,346.47	7,986.12	109.30	110.80	-121.50	6,274.83	1,082.65	147.62	81.94	65.69	2.247		
11,287.00	7,921.06	12,347.28	7,986.11	109.31	110.80	-121.58	6,274.83	1,083.47	147.11	81.49	65.61	2.242		
11,288.00	7,921.04	12,348.10	7,986.11	109.32	110.80	-121.66	6,274.83	1,084.28	146.59	81.06	65.54	2.237		
11,289.00	7,921.03	12,348.92	7,986.10	109.33	110.80	-121.74	6,274.83	1,085.10	146.08	80.62	65.46	2.231		
11,290.00	7,921.02	12,349.74	7,986.10	109.34	110.80	-121.82	6,274.83	1,085.92	145.57	80.18	65.39	2.226		
11,291.00	7,921.00	12,350.56	7,986.09	109.35	110.80	-121.91	6,274.83	1,086.74	145.07	79.75	65.32	2.221		
11,292.00	7,920.99	12,351.38	7,986.09	109.36	110.81	-121.99	6,274.83	1,087.56	144.56	79.32	65.24	2.216		
11,293.00	7,920.98	12,352.20	7,986.08	109.38	110.81	-122.07	6,274.83	1,088.38	144.05	78.89	65.17	2.211		
11,294.00	7,920.96	12,353.02	7,986.08	109.39	110.81	-122.16	6,274.83	1,089.21	143.55	78.46	65.09	2.205		
11,295.00	7,920.95	12,353.85	7,986.07	109.40	110.81	-122.24	6,274.83	1,090.03	143.05	78.04	65.01	2.200		
11,296.00	7,920.94	12,354.67	7,986.07	109.41	110.81	-122.33	6,274.83	1,090.85	142.55	77.61	64.94	2.195		
11,297.00	7,920.92	12,355.50	7,986.06	109.42	110.81	-122.41	6,274.83	1,091.68	142.05	77.19	64.86	2.190		
11,298.00	7,920.91	12,356.32	7,986.06	109.43	110.82	-122.50	6,274.83	1,092.51	141.56	76.77	64.79	2.185		
11,299.00	7,920.90	12,357.15	7,986.06	109.45	110.82	-122.59	6,274.83	1,093.33	141.06	76.36	64.71	2.180		
11,300.00	7,920.88	12,357.98	7,986.05	109.46	110.82	-122.67	6,274.83	1,094.16	140.57	75.94	64.63	2.175		
11,301.00	7,920.87	12,358.81	7,986.05	109.47	110.82	-122.76	6,274.83	1,094.99	140.08	75.53	64.56	2.170		
11,302.00	7,920.86	12,359.64	7,986.04	109.48	110.82	-122.85	6,274.83	1,095.82	139.59	75.11	64.48	2.165		
11,303.00	7,920.84	12,360.47	7,986.04	109.49	110.83	-122.94	6,274.83	1,096.66	139.11	74.70	64.40	2.160		
11,304.00	7,920.83	12,361.30	7,986.03	109.50	110.83	-123.03	6,274.84	1,097.49	138.62	74.29	64.33	2.155		
11,305.00	7,920.81	12,362.14	7,986.03	109.51	110.83	-123.12	6,274.84	1,098.32	138.14	73.89	64.25	2.150		
11,306.00	7,920.80	12,362.97	7,986.02	109.52	110.83	-123.21	6,274.84	1,099.16	137.66	73.48	64.17	2.145		
11,307.00	7,920.79	12,363.81	7,986.02	109.53	110.83	-123.30	6,274.84	1,099.99	137.18	73.08	64.10	2.140		
11,308.00	7,920.77	12,364.65	7,986.01	109.54	110.83	-123.39	6,274.84	1,100.83	136.70	72.68	64.02	2.135		
11,309.00	7,920.76	12,365.48	7,986.01	109.55	110.84	-123.48	6,274.84	1,101.67	136.23	72.28	63.94	2.130		
11,310.00	7,920.75	12,366.32	7,986.00	109.56	110.84	-123.57	6,274.84	1,102.50	135.75	71.89	63.87	2.126		
11,311.00	7,920.73	12,367.16	7,986.00	109.57	110.84	-123.67	6,274.84	1,103.34	135.28	71.49	63.79	2.121		
11,312.00	7,920.72	12,368.00	7,985.99	109.58	110.84	-123.76	6,274.84	1,104.18	134.81	71.10	63.71	2.116		
11,313.00	7,920.71	12,368.84	7,985.99	109.60	110.84	-123.85	6,274.84	1,105.02	134.34	70.71	63.63	2.111		
11,314.00	7,920.69	12,369.68	7,985.98	109.61	110.84	-123.95	6,274.84	1,105.87	133.87	70.32	63.55	2.106		
11,315.00	7,920.68	12,370.53	7,985.98	109.62	110.85	-124.04	6,274.84	1,106.71	133.41	69.93	63.48	2.102		
11,316.00	7,920.66	12,371.37	7,985.97	109.63	110.85	-124.13	6,274.84	1,107.55	132.95	69.55	63.40	2.097		
11,317.00	7,920.65	12,372.22	7,985.97	109.64	110.85	-124.23	6,274.84	1,108.40	132.49	69.17	63.32	2.092		
11,318.00	7,920.64	12,373.06	7,985.96	109.65	110.85	-124.33	6,274.84	1,109.24	132.03	68.79	63.24	2.088		
11,319.00	7,920.62	12,373.91	7,985.96	109.66	110.85	-124.42	6,274.84	1,110.09	131.57	68.41	63.16	2.083		
11,320.00	7,920.61	12,374.76	7,985.95	109.67	110.86	-124.52	6,274.84	1,110.94	131.11	68.03	63.08	2.078		
11,321.00	7,920.60	12,375.60	7,985.95	109.68	110.86	-124.62	6,274.84	1,111.79	130.66	67.66	63.00	2.074		
11,322.00	7,920.58	12,376.45	7,985.94	109.69	110.86	-124.71	6,274.84	1,112.64	130.21	67.28	62.93	2.069		
11,323.00	7,920.57	12,377.30	7,985.94	109.70	110.86	-124.81	6,274.84	1,113.49	129.76	66.91	62.85	2.065		
11,324.00	7,920.55	12,378.16	7,985.93	109.71	110.86	-124.91	6,274.84	1,114.34	129.31	66.54	62.77	2.060		
11,325.00	7,920.54	12,379.01	7,985.93	109.72	110.86	-125.01	6,274.84	1,115.19	128.86	66.17	62.69	2.056		
11,326.00	7,920.53	12,379.86	7,985.92	109.73	110.87	-125.11	6,274.84	1,116.04	128.42	65.81	62.61	2.051		
11,327.00	7,920.51	12,380.72	7,985.92	109.74	110.87	-125.21	6,274.84	1,116.90	127.98	65.45	62.53	2.047		

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,328.00	7,920.50	12,381.57	7,985.91	109.75	110.87	-125.31	6,274.84	1,117.75	127.54	65.08	62.45	2.042		
11,329.00	7,920.48	12,382.43	7,985.91	109.76	110.87	-125.41	6,274.84	1,118.61	127.10	64.72	62.37	2.038		
11,330.00	7,920.47	12,383.28	7,985.90	109.78	110.87	-125.51	6,274.84	1,119.47	126.66	64.37	62.29	2.033		
11,331.00	7,920.46	12,384.14	7,985.90	109.79	110.88	-125.62	6,274.84	1,120.32	126.22	64.01	62.21	2.029		
11,332.00	7,920.44	12,385.00	7,985.90	109.80	110.88	-125.72	6,274.84	1,121.18	125.79	63.66	62.13	2.025		
11,333.00	7,920.43	12,385.86	7,985.89	109.81	110.88	-125.82	6,274.84	1,122.04	125.36	63.30	62.05	2.020		
11,334.00	7,920.41	12,386.72	7,985.89	109.82	110.88	-125.92	6,274.85	1,122.90	124.93	62.95	61.98	2.016		
11,335.00	7,920.40	12,387.58	7,985.88	109.83	110.88	-126.03	6,274.85	1,123.76	124.50	62.61	61.90	2.011		
11,336.00	7,920.39	12,388.44	7,985.88	109.84	110.89	-126.13	6,274.85	1,124.63	124.08	62.26	61.82	2.007		
11,337.00	7,920.37	12,389.31	7,985.87	109.85	110.89	-126.24	6,274.85	1,125.49	123.65	61.91	61.74	2.003		
11,338.00	7,920.36	12,390.17	7,985.87	109.86	110.89	-126.34	6,274.85	1,126.35	123.23	61.57	61.66	1.999		
11,339.00	7,920.34	12,391.04	7,985.86	109.87	110.89	-126.45	6,274.85	1,127.22	122.81	61.23	61.58	1.994		
11,340.00	7,920.33	12,391.90	7,985.86	109.88	110.89	-126.56	6,274.85	1,128.08	122.39	60.89	61.50	1.990		
11,341.00	7,920.32	12,392.77	7,985.85	109.89	110.90	-126.66	6,274.85	1,128.95	121.98	60.55	61.42	1.986		
11,342.00	7,920.30	12,393.64	7,985.85	109.90	110.90	-126.77	6,274.85	1,129.82	121.56	60.22	61.34	1.982		
11,343.00	7,920.29	12,394.50	7,985.84	109.91	110.90	-126.88	6,274.85	1,130.69	121.15	59.89	61.27	1.977		
11,344.00	7,920.27	12,395.37	7,985.84	109.92	110.90	-126.99	6,274.85	1,131.56	120.74	59.55	61.19	1.973		
11,345.00	7,920.26	12,396.24	7,985.83	109.93	110.90	-127.10	6,274.85	1,132.43	120.33	59.22	61.11	1.969		
11,346.00	7,920.24	12,397.11	7,985.83	109.95	110.90	-127.20	6,274.85	1,133.30	119.92	58.89	61.03	1.965		
11,347.00	7,920.23	12,397.99	7,985.82	109.96	110.91	-127.31	6,274.85	1,134.17	119.52	58.57	60.95	1.961		
11,348.00	7,920.22	12,398.86	7,985.82	109.97	110.91	-127.42	6,274.85	1,135.04	119.12	58.24	60.87	1.957		
11,349.00	7,920.20	12,399.73	7,985.81	109.98	110.91	-127.54	6,274.85	1,135.91	118.72	57.92	60.80	1.953		
11,350.00	7,920.19	12,400.61	7,985.81	109.99	110.91	-127.65	6,274.85	1,136.79	118.32	57.60	60.72	1.949		
11,351.00	7,920.17	12,401.48	7,985.80	110.00	110.91	-127.76	6,274.85	1,137.66	117.92	57.28	60.64	1.944		
11,352.00	7,920.16	12,402.36	7,985.80	110.01	110.92	-127.87	6,274.85	1,138.54	117.53	56.96	60.57	1.940		
11,353.00	7,920.14	12,403.23	7,985.79	110.02	110.92	-127.98	6,274.85	1,139.42	117.13	56.64	60.49	1.936		
11,354.00	7,920.13	12,404.11	7,985.79	110.03	110.92	-128.10	6,274.85	1,140.29	116.74	56.32	60.42	1.932		
11,355.00	7,920.12	12,404.99	7,985.78	110.04	110.92	-128.21	6,274.85	1,141.17	116.35	56.01	60.34	1.928		
11,356.00	7,920.10	12,405.87	7,985.78	110.04	110.92	-128.32	6,274.85	1,142.05	115.96	55.69	60.27	1.924		
11,357.00	7,920.09	12,406.75	7,985.77	110.05	110.93	-128.44	6,274.85	1,142.93	115.58	55.38	60.20	1.920		
11,358.00	7,920.07	12,407.63	7,985.77	110.06	110.93	-128.55	6,274.85	1,143.81	115.19	55.07	60.12	1.916		
11,359.00	7,920.06	12,408.51	7,985.76	110.07	110.93	-128.67	6,274.85	1,144.70	114.81	54.77	60.05	1.912		
11,360.00	7,920.04	12,409.40	7,985.75	110.08	110.93	-128.78	6,274.85	1,145.58	114.43	54.46	59.97	1.908		
11,361.00	7,920.03	12,410.28	7,985.75	110.09	110.93	-128.90	6,274.85	1,146.46	114.06	54.15	59.90	1.904		
11,362.00	7,920.02	12,411.16	7,985.74	110.10	110.94	-129.02	6,274.85	1,147.35	113.68	53.85	59.83	1.900		
11,363.00	7,920.00	12,412.05	7,985.74	110.11	110.94	-129.14	6,274.86	1,148.23	113.31	53.55	59.76	1.896		
11,364.00	7,919.99	12,412.93	7,985.73	110.12	110.94	-129.25	6,274.86	1,149.12	112.93	53.25	59.68	1.892		
11,365.00	7,919.97	12,413.82	7,985.73	110.13	110.94	-129.37	6,274.86	1,150.00	112.56	52.95	59.61	1.888		
11,366.00	7,919.96	12,414.71	7,985.72	110.14	110.94	-129.49	6,274.86	1,150.89	112.20	52.66	59.54	1.884		
11,367.00	7,919.94	12,415.60	7,985.72	110.15	110.95	-129.61	6,274.86	1,151.78	111.83	52.36	59.47	1.880		
11,368.00	7,919.93	12,416.49	7,985.71	110.16	110.95	-129.73	6,274.86	1,152.67	111.47	52.07	59.40	1.877		
11,369.00	7,919.91	12,417.38	7,985.71	110.17	110.95	-129.85	6,274.86	1,153.56	111.10	51.77	59.33	1.873		
11,370.00	7,919.90	12,418.27	7,985.70	110.18	110.95	-129.97	6,274.86	1,154.45	110.74	51.48	59.26	1.869		
11,371.00	7,919.89	12,419.16	7,985.70	110.19	110.95	-130.09	6,274.86	1,155.34	110.39	51.19	59.19	1.865		
11,372.00	7,919.87	12,420.05	7,985.69	110.20	110.96	-130.21	6,274.86	1,156.23	110.03	50.91	59.12	1.861		
11,373.00	7,919.86	12,420.94	7,985.69	110.21	110.96	-130.33	6,274.86	1,157.13	109.67	50.62	59.05	1.857		
11,374.00	7,919.84	12,421.84	7,985.68	110.22	110.96	-130.46	6,274.86	1,158.02	109.32	50.34	58.99	1.853		
11,375.00	7,919.83	12,422.73	7,985.68	110.23	110.96	-130.58	6,274.86	1,158.91	108.97	50.05	58.92	1.850		
11,376.00	7,919.81	12,423.63	7,985.67	110.24	110.96	-130.70	6,274.86	1,159.81	108.62	49.77	58.85	1.846		
11,377.00	7,919.80	12,424.52	7,985.67	110.24	110.97	-130.83	6,274.86	1,160.71	108.28	49.49	58.79	1.842		
11,378.00	7,919.78	12,425.42	7,985.66	110.25	110.97	-130.95	6,274.86	1,161.60	107.93	49.21	58.72	1.838		
11,379.00	7,919.77	12,426.32	7,985.66	110.26	110.97	-131.07	6,274.86	1,162.50	107.59	48.93	58.65	1.834		

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,380.00	7,919.75	12,427.22	7,985.65	110.27	110.97	-131.20	6,274.86	1,163.40	107.25	48.66	58.59	1.830		
11,381.00	7,919.74	12,428.12	7,985.65	110.28	110.97	-131.32	6,274.86	1,164.30	106.91	48.38	58.53	1.827		
11,382.00	7,919.72	12,429.02	7,985.64	110.29	110.98	-131.45	6,274.86	1,165.20	106.57	48.11	58.46	1.823		
11,383.00	7,919.71	12,429.92	7,985.64	110.30	110.98	-131.58	6,274.86	1,166.10	106.24	47.84	58.40	1.819		
11,384.00	7,919.70	12,430.82	7,985.63	110.31	110.98	-131.70	6,274.86	1,167.00	105.90	47.57	58.34	1.815		
11,385.00	7,919.68	12,431.72	7,985.63	110.32	110.98	-131.83	6,274.86	1,167.90	105.57	47.30	58.28	1.812		
11,386.00	7,919.67	12,432.62	7,985.62	110.33	110.98	-131.96	6,274.86	1,168.81	105.25	47.03	58.22	1.808		
11,387.00	7,919.65	12,433.53	7,985.62	110.34	110.99	-132.08	6,274.86	1,169.71	104.92	46.76	58.16	1.804		
11,388.00	7,919.64	12,434.43	7,985.61	110.35	110.99	-132.21	6,274.86	1,170.61	104.59	46.50	58.10	1.800		
11,389.00	7,919.62	12,435.34	7,985.61	110.36	110.99	-132.34	6,274.86	1,171.52	104.27	46.23	58.04	1.797		
11,390.00	7,919.61	12,436.24	7,985.60	110.37	110.99	-132.47	6,274.86	1,172.43	103.95	45.97	57.98	1.793		
11,391.00	7,919.59	12,437.15	7,985.60	110.38	110.99	-132.60	6,274.87	1,173.33	103.63	45.71	57.92	1.789		
11,392.00	7,919.58	12,438.06	7,985.59	110.39	111.00	-132.73	6,274.87	1,174.24	103.31	45.45	57.87	1.785		
11,393.00	7,919.56	12,438.97	7,985.58	110.40	111.00	-132.86	6,274.87	1,175.15	103.00	45.19	57.81	1.782		
11,394.00	7,919.55	12,439.88	7,985.58	110.41	111.00	-132.99	6,274.87	1,176.06	102.68	44.93	57.75	1.778		
11,395.00	7,919.53	12,440.79	7,985.57	110.42	111.00	-133.12	6,274.87	1,176.97	102.37	44.67	57.70	1.774		
11,396.00	7,919.52	12,441.70	7,985.57	110.43	111.00	-133.25	6,274.87	1,177.88	102.06	44.42	57.65	1.770		
11,397.00	7,919.50	12,442.61	7,985.56	110.44	111.01	-133.38	6,274.87	1,178.79	101.76	44.16	57.59	1.767		
11,398.00	7,919.49	12,443.52	7,985.56	110.45	111.01	-133.52	6,274.87	1,179.70	101.45	43.91	57.54	1.763		
11,399.00	7,919.47	12,444.43	7,985.55	110.46	111.01	-133.65	6,274.87	1,180.61	101.15	43.65	57.49	1.759		
11,400.00	7,919.46	12,445.35	7,985.55	110.47	111.01	-133.78	6,274.87	1,181.53	100.84	43.40	57.44	1.756		
11,401.00	7,919.44	12,446.26	7,985.54	110.47	111.01	-133.92	6,274.87	1,182.44	100.55	43.15	57.39	1.752		
11,402.00	7,919.43	12,447.17	7,985.54	110.48	111.02	-134.05	6,274.87	1,183.36	100.25	42.90	57.35	1.748		
11,403.00	7,919.41	12,448.09	7,985.53	110.49	111.02	-134.18	6,274.87	1,184.27	99.95	42.65	57.30	1.744		
11,404.00	7,919.40	12,449.01	7,985.53	110.50	111.02	-134.32	6,274.87	1,185.19	99.66	42.40	57.26	1.741		
11,405.00	7,919.38	12,449.92	7,985.52	110.51	111.02	-134.45	6,274.87	1,186.10	99.37	42.16	57.21	1.737		
11,406.00	7,919.37	12,450.84	7,985.52	110.52	111.03	-134.59	6,274.87	1,187.02	99.08	41.91	57.17	1.733		
11,407.00	7,919.35	12,451.76	7,985.51	110.52	111.03	-134.72	6,274.87	1,187.94	98.79	41.66	57.12	1.729		
11,408.00	7,919.34	12,452.68	7,985.51	110.53	111.03	-134.86	6,274.87	1,188.86	98.50	41.42	57.08	1.726		
11,409.00	7,919.32	12,453.60	7,985.50	110.54	111.03	-134.99	6,274.87	1,189.78	98.22	41.18	57.04	1.722		
11,410.00	7,919.31	12,454.52	7,985.50	110.55	111.03	-135.13	6,274.87	1,190.70	97.94	40.93	57.00	1.718		
11,411.00	7,919.29	12,455.44	7,985.49	110.56	111.04	-135.27	6,274.87	1,191.62	97.66	40.69	56.96	1.714		
11,412.00	7,919.28	12,456.36	7,985.49	110.57	111.04	-135.40	6,274.87	1,192.54	97.38	40.45	56.93	1.711		
11,413.00	7,919.26	12,457.28	7,985.48	110.57	111.04	-135.54	6,274.87	1,193.46	97.10	40.21	56.89	1.707		
11,414.00	7,919.25	12,458.20	7,985.47	110.58	111.04	-135.68	6,274.87	1,194.39	96.83	39.97	56.86	1.703		
11,415.00	7,919.23	12,459.13	7,985.47	110.59	111.04	-135.81	6,274.87	1,195.31	96.55	39.73	56.82	1.699		
11,416.00	7,919.22	12,460.05	7,985.46	110.60	111.05	-135.95	6,274.87	1,196.23	96.28	39.50	56.79	1.696		
11,417.00	7,919.20	12,460.98	7,985.46	110.61	111.05	-136.09	6,274.87	1,197.16	96.02	39.26	56.76	1.692		
11,418.00	7,919.19	12,461.90	7,985.45	110.62	111.05	-136.23	6,274.87	1,198.08	95.75	39.02	56.72	1.688		
11,419.00	7,919.17	12,462.83	7,985.45	110.63	111.05	-136.37	6,274.88	1,199.01	95.48	38.79	56.69	1.684		
11,420.00	7,919.16	12,463.76	7,985.44	110.63	111.06	-136.51	6,274.88	1,199.94	95.22	38.55	56.67	1.680		
11,421.00	7,919.14	12,464.68	7,985.44	110.64	111.06	-136.65	6,274.88	1,200.87	94.96	38.32	56.64	1.677		
11,422.00	7,919.13	12,465.61	7,985.43	110.65	111.06	-136.79	6,274.88	1,201.79	94.70	38.09	56.61	1.673		
11,423.00	7,919.11	12,466.54	7,985.43	110.66	111.06	-136.93	6,274.88	1,202.72	94.44	37.86	56.59	1.669		
11,424.00	7,919.10	12,467.47	7,985.42	110.67	111.06	-137.07	6,274.88	1,203.65	94.19	37.63	56.56	1.665		
11,425.00	7,919.08	12,468.40	7,985.42	110.68	111.07	-137.21	6,274.88	1,204.58	93.94	37.40	56.54	1.661		
11,426.00	7,919.07	12,469.33	7,985.41	110.68	111.07	-137.35	6,274.88	1,205.51	93.68	37.17	56.52	1.658		
11,427.00	7,919.05	12,470.26	7,985.41	110.69	111.07	-137.49	6,274.88	1,206.44	93.43	36.94	56.50	1.654		
11,428.00	7,919.04	12,471.20	7,985.40	110.70	111.07	-137.63	6,274.88	1,207.38	93.19	36.71	56.48	1.650		
11,429.00	7,919.02	12,472.13	7,985.39	110.71	111.08	-137.77	6,274.88	1,208.31	92.94	36.48	56.46	1.646		
11,430.00	7,919.01	12,473.06	7,985.39	110.72	111.08	-137.91	6,274.88	1,209.24	92.70	36.25	56.44	1.642		
11,431.00	7,918.99	12,474.00	7,985.38	110.73	111.08	-138.05	6,274.88	1,210.18	92.46	36.03	56.43	1.638		

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,432.00	7,918.98	12,474.93	7,985.38	110.73	111.08	-138.19	6,274.88	1,211.11	92.22	35.80	56.41	1.635		
11,433.00	7,918.96	12,475.87	7,985.37	110.74	111.08	-138.34	6,274.88	1,212.05	91.98	35.58	56.40	1.631		
11,434.00	7,918.95	12,476.80	7,985.37	110.75	111.09	-138.48	6,274.88	1,212.98	91.74	35.35	56.39	1.627		
11,435.00	7,918.93	12,477.74	7,985.36	110.76	111.09	-138.62	6,274.88	1,213.92	91.51	35.13	56.38	1.623		
11,436.00	7,918.92	12,478.67	7,985.36	110.77	111.09	-138.76	6,274.88	1,214.86	91.27	34.90	56.37	1.619		
11,437.00	7,918.90	12,479.61	7,985.35	110.78	111.09	-138.91	6,274.88	1,215.79	91.04	34.68	56.36	1.615		
11,438.00	7,918.88	12,480.55	7,985.35	110.79	111.10	-139.05	6,274.88	1,216.73	90.82	34.46	56.36	1.611		
11,439.00	7,918.87	12,481.49	7,985.34	110.79	111.10	-139.19	6,274.88	1,217.67	90.59	34.24	56.35	1.608		
11,440.00	7,918.85	12,482.43	7,985.34	110.80	111.10	-139.33	6,274.88	1,218.61	90.36	34.02	56.35	1.604		
11,441.00	7,918.84	12,483.37	7,985.33	110.81	111.10	-139.48	6,274.88	1,219.55	90.14	33.80	56.34	1.600		
11,442.00	7,918.82	12,484.31	7,985.32	110.82	111.10	-139.62	6,274.88	1,220.49	89.92	33.58	56.34	1.596		
11,443.00	7,918.81	12,485.25	7,985.32	110.83	111.11	-139.76	6,274.88	1,221.43	89.70	33.36	56.34	1.592		
11,444.00	7,918.79	12,486.19	7,985.31	110.84	111.11	-139.91	6,274.88	1,222.37	89.48	33.14	56.35	1.588		
11,445.00	7,918.78	12,487.14	7,985.31	110.85	111.11	-140.05	6,274.88	1,223.32	89.27	32.92	56.35	1.584		
11,446.00	7,918.76	12,488.08	7,985.30	110.85	111.11	-140.19	6,274.89	1,224.26	89.05	32.70	56.35	1.580		
11,447.00	7,918.75	12,489.02	7,985.30	110.86	111.12	-140.34	6,274.89	1,225.20	88.84	32.48	56.36	1.576		
11,448.00	7,918.73	12,489.97	7,985.29	110.87	111.12	-140.48	6,274.89	1,226.15	88.63	32.27	56.36	1.572		
11,449.00	7,918.72	12,490.91	7,985.29	110.88	111.12	-140.63	6,274.89	1,227.09	88.42	32.05	56.37	1.569		
11,450.00	7,918.70	12,491.86	7,985.28	110.89	111.12	-140.77	6,274.89	1,228.04	88.21	31.83	56.38	1.565		
11,451.00	7,918.68	12,492.80	7,985.28	110.90	111.13	-140.91	6,274.89	1,228.98	88.01	31.62	56.39	1.561		
11,452.00	7,918.67	12,493.75	7,985.27	110.90	111.13	-141.06	6,274.89	1,229.93	87.81	31.40	56.41	1.557		
11,453.00	7,918.65	12,494.70	7,985.26	110.91	111.13	-141.20	6,274.89	1,230.88	87.61	31.19	56.42	1.553		
11,454.00	7,918.64	12,495.64	7,985.26	110.92	111.13	-141.34	6,274.89	1,231.82	87.41	30.97	56.44	1.549		
11,455.00	7,918.62	12,496.59	7,985.25	110.92	111.13	-141.49	6,274.89	1,232.77	87.21	30.76	56.45	1.545		
11,456.00	7,918.61	12,497.54	7,985.25	110.93	111.14	-141.63	6,274.89	1,233.72	87.01	30.54	56.47	1.541		
11,457.00	7,918.59	12,498.49	7,985.24	110.94	111.14	-141.78	6,274.89	1,234.67	86.82	30.33	56.49	1.537		
11,458.00	7,918.58	12,499.44	7,985.24	110.95	111.14	-141.92	6,274.89	1,235.62	86.63	30.12	56.51	1.533		
11,459.00	7,918.56	12,500.39	7,985.23	110.95	111.14	-142.06	6,274.89	1,236.57	86.43	29.90	56.53	1.529		
11,460.00	7,918.55	12,501.34	7,985.23	110.96	111.15	-142.21	6,274.89	1,237.52	86.25	29.69	56.56	1.525		
11,461.00	7,918.53	12,502.29	7,985.22	110.97	111.15	-142.35	6,274.89	1,238.47	86.06	29.48	56.58	1.521		
11,462.00	7,918.51	12,503.24	7,985.22	110.97	111.15	-142.50	6,274.89	1,239.42	85.87	29.27	56.61	1.517		
11,463.00	7,918.50	12,504.20	7,985.21	110.98	111.15	-142.64	6,274.89	1,240.38	85.69	29.06	56.63	1.513		
11,464.00	7,918.48	12,505.15	7,985.20	110.99	111.16	-142.78	6,274.89	1,241.33	85.51	28.84	56.66	1.509		
11,465.00	7,918.47	12,506.10	7,985.20	111.00	111.16	-142.93	6,274.89	1,242.28	85.33	28.63	56.69	1.505		
11,466.00	7,918.45	12,507.06	7,985.19	111.00	111.16	-143.07	6,274.89	1,243.24	85.15	28.42	56.73	1.501		
11,467.00	7,918.44	12,508.01	7,985.19	111.01	111.16	-143.21	6,274.89	1,244.19	84.97	28.21	56.76	1.497 Level 3		
11,468.00	7,918.42	12,508.97	7,985.18	111.02	111.17	-143.36	6,274.89	1,245.15	84.80	28.01	56.79	1.493 Level 3		
11,469.00	7,918.41	12,509.92	7,985.18	111.03	111.17	-143.50	6,274.89	1,246.10	84.62	27.80	56.83	1.489 Level 3		
11,470.00	7,918.39	12,510.88	7,985.17	111.03	111.17	-143.64	6,274.89	1,247.06	84.45	27.59	56.86	1.485 Level 3		
11,471.00	7,918.37	12,511.83	7,985.17	111.04	111.17	-143.79	6,274.89	1,248.01	84.28	27.38	56.90	1.481 Level 3		
11,472.00	7,918.36	12,512.79	7,985.16	111.05	111.17	-143.93	6,274.89	1,248.97	84.11	27.17	56.94	1.477 Level 3		
11,473.00	7,918.34	12,513.75	7,985.16	111.06	111.18	-144.07	6,274.90	1,249.93	83.95	26.97	56.98	1.473 Level 3		
11,474.00	7,918.33	12,514.71	7,985.15	111.06	111.18	-144.21	6,274.90	1,250.89	83.78	26.76	57.02	1.469 Level 3		
11,475.00	7,918.31	12,515.67	7,985.14	111.07	111.18	-144.36	6,274.90	1,251.85	83.62	26.56	57.06	1.465 Level 3		
11,476.00	7,918.30	12,516.62	7,985.14	111.08	111.18	-144.50	6,274.90	1,252.80	83.46	26.35	57.11	1.461 Level 3		
11,477.00	7,918.28	12,517.58	7,985.13	111.08	111.19	-144.64	6,274.90	1,253.76	83.30	26.15	57.15	1.457 Level 3		
11,478.00	7,918.27	12,518.54	7,985.13	111.09	111.19	-144.78	6,274.90	1,254.72	83.14	25.94	57.20	1.454 Level 3		
11,479.00	7,918.25	12,519.51	7,985.12	111.10	111.19	-144.92	6,274.90	1,255.69	82.98	25.74	57.25	1.450 Level 3		
11,480.00	7,918.23	12,520.47	7,985.12	111.11	111.19	-145.06	6,274.90	1,256.65	82.83	25.53	57.29	1.446 Level 3		
11,481.00	7,918.22	12,521.43	7,985.11	111.11	111.20	-145.21	6,274.90	1,257.61	82.68	25.33	57.34	1.442 Level 3		
11,482.00	7,918.20	12,522.39	7,985.11	111.12	111.20	-145.35	6,274.90	1,258.57	82.52	25.13	57.39	1.438 Level 3		
11,483.00	7,918.19	12,523.35	7,985.10	111.13	111.20	-145.49	6,274.90	1,259.53	82.37	24.93	57.45	1.434 Level 3		

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



# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
11,484.00	7,918.17	12,524.32	7,985.09	111.14	111.20	-145.63	6,274.90	1,260.50	82.22	24.73	57.50	1.430	Level 3
11,485.00	7,918.16	12,525.28	7,985.09	111.14	111.21	-145.77	6,274.90	1,261.46	82.08	24.53	57.55	1.426	Level 3
11,486.00	7,918.14	12,526.24	7,985.08	111.15	111.21	-145.91	6,274.90	1,262.42	81.93	24.33	57.61	1.422	Level 3
11,487.00	7,918.12	12,527.21	7,985.08	111.16	111.21	-146.05	6,274.90	1,263.39	81.79	24.13	57.66	1.418	Level 3
11,488.00	7,918.11	12,528.17	7,985.07	111.17	111.21	-146.19	6,274.90	1,264.35	81.65	23.93	57.72	1.415	Level 3
11,489.00	7,918.09	12,529.14	7,985.07	111.17	111.22	-146.32	6,274.90	1,265.32	81.51	23.73	57.78	1.411	Level 3
11,490.00	7,918.08	12,530.10	7,985.06	111.18	111.22	-146.46	6,274.90	1,266.28	81.37	23.53	57.84	1.407	Level 3
11,491.00	7,918.06	12,531.07	7,985.06	111.19	111.22	-146.60	6,274.90	1,267.25	81.23	23.33	57.90	1.403	Level 3
11,492.00	7,918.05	12,532.04	7,985.05	111.19	111.22	-146.74	6,274.90	1,268.22	81.09	23.14	57.96	1.399	Level 3
11,493.00	7,918.03	12,533.03	7,985.04	111.20	111.23	-146.88	6,274.90	1,269.21	80.96	22.97	57.99	1.396	Level 3
11,494.00	7,918.01	12,534.08	7,985.04	111.21	111.23	-147.03	6,274.90	1,270.26	80.82	22.85	57.97	1.394	Level 3
11,495.00	7,918.00	12,535.13	7,985.03	111.22	111.23	-147.18	6,274.90	1,271.31	80.69	22.73	57.96	1.392	Level 3
11,496.00	7,917.98	12,536.18	7,985.03	111.22	111.23	-147.34	6,274.89	1,272.36	80.56	22.61	57.95	1.390	Level 3
11,497.00	7,917.97	12,537.23	7,985.02	111.23	111.24	-147.49	6,274.89	1,273.41	80.43	22.49	57.94	1.388	Level 3
11,498.00	7,917.95	12,538.28	7,985.01	111.24	111.24	-147.64	6,274.88	1,274.46	80.29	22.36	57.94	1.386	Level 3
11,499.00	7,917.93	12,539.33	7,985.01	111.25	111.24	-147.80	6,274.87	1,275.51	80.16	22.23	57.94	1.384	Level 3
11,500.00	7,917.92	12,540.38	7,985.00	111.25	111.24	-147.95	6,274.85	1,276.56	80.03	22.09	57.94	1.381	Level 3
11,501.00	7,917.90	12,541.42	7,985.00	111.26	111.24	-148.10	6,274.84	1,277.60	79.90	21.96	57.95	1.379	Level 3
11,502.00	7,917.89	12,542.47	7,984.99	111.27	111.25	-148.26	6,274.82	1,278.65	79.77	21.82	57.96	1.376	Level 3
11,503.00	7,917.87	12,543.52	7,984.98	111.27	111.25	-148.41	6,274.80	1,279.70	79.64	21.67	57.97	1.374	Level 3
11,504.00	7,917.86	12,544.56	7,984.98	111.28	111.25	-148.57	6,274.78	1,280.74	79.52	21.53	57.98	1.371	Level 3
11,505.00	7,917.84	12,545.61	7,984.97	111.28	111.25	-148.73	6,274.76	1,281.78	79.39	21.38	58.01	1.369	Level 3
11,506.00	7,917.82	12,546.65	7,984.97	111.29	111.26	-148.88	6,274.74	1,282.83	79.26	21.23	58.03	1.366	Level 3
11,507.00	7,917.81	12,547.69	7,984.96	111.30	111.26	-149.04	6,274.71	1,283.87	79.14	21.08	58.06	1.363	Level 3
11,508.00	7,917.79	12,548.74	7,984.95	111.30	111.26	-149.20	6,274.68	1,284.91	79.01	20.92	58.09	1.360	Level 3
11,509.00	7,917.78	12,549.78	7,984.95	111.31	111.26	-149.36	6,274.65	1,285.96	78.88	20.76	58.12	1.357	Level 3
11,510.00	7,917.76	12,550.82	7,984.94	111.31	111.27	-149.52	6,274.62	1,287.00	78.76	20.60	58.16	1.354	Level 3
11,511.00	7,917.74	12,551.86	7,984.94	111.32	111.27	-149.68	6,274.59	1,288.04	78.63	20.44	58.20	1.351	Level 3
11,512.00	7,917.73	12,552.90	7,984.93	111.33	111.27	-149.84	6,274.55	1,289.08	78.51	20.27	58.24	1.348	Level 3
11,513.00	7,917.71	12,553.95	7,984.92	111.33	111.27	-150.00	6,274.51	1,290.12	78.39	20.10	58.28	1.345	Level 3
11,514.00	7,917.70	12,554.99	7,984.92	111.34	111.27	-150.16	6,274.48	1,291.16	78.27	19.93	58.33	1.342	Level 3
11,515.00	7,917.68	12,556.02	7,984.91	111.34	111.27	-150.32	6,274.43	1,292.20	78.14	19.76	58.38	1.338	Level 3
11,516.00	7,917.66	12,557.06	7,984.90	111.35	111.28	-150.48	6,274.39	1,293.24	78.02	19.58	58.44	1.335	Level 3
11,517.00	7,917.65	12,558.10	7,984.90	111.36	111.28	-150.65	6,274.35	1,294.27	77.90	19.40	58.50	1.332	Level 3
11,518.00	7,917.63	12,559.14	7,984.89	111.36	111.28	-150.81	6,274.30	1,295.31	77.78	19.22	58.56	1.328	Level 3
11,519.00	7,917.62	12,560.18	7,984.89	111.37	111.28	-150.97	6,274.25	1,296.35	77.66	19.04	58.63	1.325	Level 3
11,520.00	7,917.60	12,561.21	7,984.88	111.38	111.28	-151.14	6,274.20	1,297.38	77.54	18.85	58.69	1.321	Level 3
11,521.00	7,917.59	12,562.25	7,984.87	111.38	111.28	-151.30	6,274.15	1,298.42	77.43	18.66	58.76	1.318	Level 3
11,522.00	7,917.57	12,563.29	7,984.87	111.39	111.29	-151.47	6,274.09	1,299.45	77.31	18.47	58.84	1.314	Level 3
11,523.00	7,917.55	12,564.32	7,984.86	111.39	111.29	-151.63	6,274.04	1,300.49	77.19	18.28	58.92	1.310	Level 3
11,524.00	7,917.54	12,565.36	7,984.86	111.40	111.29	-151.80	6,273.98	1,301.52	77.08	18.08	59.00	1.306	Level 3
11,525.00	7,917.52	12,566.39	7,984.85	111.41	111.29	-151.97	6,273.92	1,302.55	76.96	17.88	59.08	1.303	Level 3
11,526.00	7,917.51	12,567.43	7,984.84	111.41	111.29	-152.13	6,273.86	1,303.58	76.84	17.68	59.16	1.299	Level 3
11,527.00	7,917.49	12,568.46	7,984.84	111.42	111.29	-152.30	6,273.80	1,304.62	76.73	17.48	59.25	1.295	Level 3
11,528.00	7,917.47	12,569.49	7,984.83	111.42	111.30	-152.47	6,273.73	1,305.65	76.62	17.27	59.35	1.291	Level 3
11,529.00	7,917.46	12,570.52	7,984.83	111.43	111.30	-152.64	6,273.67	1,306.68	76.50	17.06	59.44	1.287	Level 3
11,530.00	7,917.44	12,571.56	7,984.82	111.44	111.30	-152.81	6,273.60	1,307.71	76.39	16.85	59.54	1.283	Level 3
11,531.00	7,917.43	12,572.59	7,984.81	111.44	111.30	-152.98	6,273.53	1,308.74	76.28	16.64	59.64	1.279	Level 3
11,532.00	7,917.41	12,573.62	7,984.81	111.45	111.30	-153.15	6,273.45	1,309.76	76.17	16.43	59.74	1.275	Level 3
11,533.00	7,917.39	12,574.65	7,984.80	111.45	111.30	-153.32	6,273.38	1,310.79	76.06	16.21	59.85	1.271	Level 3
11,534.00	7,917.38	12,575.68	7,984.79	111.46	111.31	-153.49	6,273.30	1,311.82	75.95	15.99	59.96	1.267	Level 3
11,535.00	7,917.36	12,576.71	7,984.79	111.47	111.31	-153.66	6,273.23	1,312.84	75.84	15.77	60.07	1.263	Level 3

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



# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,536.00	7,917.35	12,577.74	7,984.78	111.47	111.31	-153.83	6,273.15	1,313.87	75.73	15.55	60.18	1.258	Level 3	
11,537.00	7,917.33	12,578.77	7,984.78	111.48	111.31	-154.01	6,273.06	1,314.90	75.63	15.32	60.30	1.254	Level 3	
11,538.00	7,917.31	12,579.79	7,984.77	111.49	111.31	-154.18	6,272.98	1,315.92	75.52	15.10	60.42	1.250	Level 2	
11,539.00	7,917.30	12,580.82	7,984.76	111.49	111.31	-154.35	6,272.90	1,316.94	75.41	14.87	60.55	1.246	Level 2	
11,540.00	7,917.28	12,581.85	7,984.76	111.50	111.32	-154.53	6,272.81	1,317.97	75.31	14.64	60.67	1.241	Level 2	
11,541.00	7,917.27	12,582.87	7,984.75	111.50	111.32	-154.70	6,272.72	1,318.99	75.20	14.40	60.80	1.237	Level 2	
11,542.00	7,917.25	12,583.90	7,984.75	111.51	111.32	-154.88	6,272.63	1,320.01	75.10	14.17	60.93	1.233	Level 2	
11,543.00	7,917.23	12,584.92	7,984.74	111.52	111.32	-155.05	6,272.54	1,321.03	75.00	13.93	61.06	1.228	Level 2	
11,544.00	7,917.22	12,585.95	7,984.73	111.52	111.32	-155.23	6,272.44	1,322.05	74.89	13.70	61.20	1.224	Level 2	
11,545.00	7,917.20	12,586.97	7,984.73	111.53	111.32	-155.41	6,272.35	1,323.07	74.79	13.46	61.34	1.219	Level 2	
11,546.00	7,917.18	12,588.00	7,984.72	111.54	111.33	-155.58	6,272.25	1,324.09	74.69	13.21	61.48	1.215	Level 2	
11,547.00	7,917.17	12,589.02	7,984.71	111.54	111.33	-155.76	6,272.15	1,325.11	74.59	12.97	61.62	1.210	Level 2	
11,548.00	7,917.15	12,590.04	7,984.71	111.55	111.33	-155.94	6,272.05	1,326.13	74.49	12.72	61.77	1.206	Level 2	
11,549.00	7,917.14	12,591.07	7,984.70	111.55	111.33	-156.12	6,271.95	1,327.14	74.39	12.48	61.91	1.202	Level 2	
11,550.00	7,917.12	12,592.09	7,984.70	111.56	111.33	-156.30	6,271.84	1,328.16	74.29	12.23	62.06	1.197	Level 2	
11,551.00	7,917.10	12,593.11	7,984.69	111.56	111.33	-156.48	6,271.74	1,329.18	74.20	11.98	62.22	1.193	Level 2	
11,552.00	7,917.09	12,594.13	7,984.68	111.57	111.34	-156.66	6,271.63	1,330.19	74.10	11.73	62.37	1.188	Level 2	
11,553.00	7,917.07	12,595.15	7,984.68	111.57	111.34	-156.84	6,271.52	1,331.21	74.00	11.48	62.53	1.184	Level 2	
11,554.00	7,917.06	12,596.17	7,984.67	111.58	111.34	-157.02	6,271.41	1,332.22	73.91	11.22	62.69	1.179	Level 2	
11,555.00	7,917.04	12,597.19	7,984.67	111.58	111.34	-157.20	6,271.30	1,333.23	73.82	10.96	62.85	1.174	Level 2	
11,556.00	7,917.02	12,598.21	7,984.66	111.59	111.34	-157.38	6,271.18	1,334.25	73.72	10.71	63.01	1.170	Level 2	
11,557.00	7,917.01	12,599.23	7,984.65	111.59	111.34	-157.56	6,271.06	1,335.26	73.63	10.45	63.18	1.165	Level 2	
11,558.00	7,916.99	12,600.24	7,984.65	111.60	111.35	-157.74	6,270.94	1,336.27	73.54	10.19	63.35	1.161	Level 2	
11,559.00	7,916.98	12,601.26	7,984.64	111.60	111.35	-157.93	6,270.82	1,337.28	73.45	9.93	63.52	1.156	Level 2	
11,560.00	7,916.96	12,602.28	7,984.63	111.61	111.35	-158.11	6,270.70	1,338.29	73.36	9.66	63.69	1.152	Level 2	
11,561.00	7,916.94	12,603.29	7,984.63	111.61	111.35	-158.29	6,270.58	1,339.30	73.27	9.40	63.86	1.147	Level 2	
11,562.00	7,916.93	12,604.31	7,984.62	111.62	111.35	-158.48	6,270.45	1,340.30	73.18	9.14	64.04	1.143	Level 2	
11,563.00	7,916.91	12,605.33	7,984.62	111.62	111.35	-158.66	6,270.33	1,341.31	73.09	8.87	64.22	1.138	Level 2	
11,564.00	7,916.89	12,606.34	7,984.61	111.63	111.35	-158.85	6,270.20	1,342.32	73.00	8.60	64.40	1.134	Level 2	
11,565.00	7,916.88	12,607.36	7,984.60	111.63	111.35	-159.03	6,270.07	1,343.32	72.92	8.33	64.58	1.129	Level 2	
11,566.00	7,916.86	12,608.37	7,984.60	111.64	111.35	-159.22	6,269.93	1,344.33	72.83	8.07	64.76	1.125	Level 2	
11,567.00	7,916.85	12,609.38	7,984.59	111.64	111.35	-159.41	6,269.80	1,345.33	72.75	7.80	64.95	1.120	Level 2	
11,568.00	7,916.83	12,610.40	7,984.59	111.65	111.35	-159.59	6,269.66	1,346.34	72.66	7.52	65.14	1.116	Level 2	
11,569.00	7,916.81	12,611.41	7,984.58	111.65	111.35	-159.78	6,269.53	1,347.34	72.58	7.25	65.33	1.111	Level 2	
11,570.00	7,916.80	12,612.42	7,984.57	111.66	111.35	-159.97	6,269.39	1,348.34	72.50	6.98	65.52	1.107	Level 2	
11,571.00	7,916.78	12,613.43	7,984.57	111.66	111.35	-160.16	6,269.25	1,349.35	72.41	6.71	65.71	1.102	Level 2	
11,572.00	7,916.77	12,614.44	7,984.56	111.67	111.35	-160.34	6,269.10	1,350.35	72.33	6.43	65.90	1.098	Level 2	
11,573.00	7,916.75	12,615.45	7,984.55	111.67	111.35	-160.53	6,268.96	1,351.35	72.25	6.16	66.10	1.093	Level 2	
11,574.00	7,916.73	12,616.46	7,984.55	111.68	111.35	-160.72	6,268.81	1,352.35	72.17	5.88	66.29	1.089	Level 2	
11,575.00	7,916.72	12,617.47	7,984.54	111.68	111.35	-160.91	6,268.67	1,353.34	72.10	5.60	66.49	1.084	Level 2	
11,576.00	7,916.70	12,618.48	7,984.54	111.69	111.35	-161.10	6,268.52	1,354.34	72.02	5.33	66.69	1.080	Level 2	
11,577.00	7,916.68	12,619.49	7,984.53	111.69	111.35	-161.29	6,268.37	1,355.34	71.94	5.05	66.89	1.075	Level 2	
11,578.00	7,916.67	12,620.50	7,984.52	111.70	111.35	-161.48	6,268.21	1,356.34	71.87	4.77	67.10	1.071	Level 2	
11,579.00	7,916.65	12,621.51	7,984.52	111.70	111.36	-161.67	6,268.06	1,357.33	71.79	4.49	67.30	1.067	Level 2	
11,580.00	7,916.64	12,622.51	7,984.51	111.71	111.36	-161.87	6,267.90	1,358.33	71.72	4.21	67.50	1.062	Level 2	
11,581.00	7,916.62	12,623.52	7,984.50	111.71	111.36	-162.06	6,267.75	1,359.32	71.64	3.93	67.71	1.058	Level 2	
11,582.00	7,916.60	12,624.53	7,984.50	111.72	111.36	-162.25	6,267.59	1,360.31	71.57	3.65	67.92	1.054	Level 2	
11,583.00	7,916.59	12,625.53	7,984.49	111.72	111.36	-162.44	6,267.42	1,361.31	71.50	3.37	68.13	1.049	Level 2	
11,584.00	7,916.57	12,626.54	7,984.49	111.73	111.36	-162.64	6,267.26	1,362.30	71.43	3.09	68.34	1.045	Level 2	
11,585.00	7,916.55	12,627.54	7,984.48	111.73	111.36	-162.83	6,267.10	1,363.29	71.36	2.81	68.55	1.041	Level 2	
11,586.00	7,916.54	12,628.55	7,984.47	111.74	111.36	-163.02	6,266.93	1,364.28	71.29	2.53	68.76	1.037	Level 2	
11,587.00	7,916.52	12,629.55	7,984.47	111.74	111.36	-163.22	6,266.76	1,365.27	71.22	2.25	68.98	1.033	Level 2	

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

Civitas Resources  
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5825.00usft
Reference Site:	SEC 26-T4S-R65W	MD Reference:	KB 25' @ 5825.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GRIMM MOTOCROSS 4-65 23 2A3AUH	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 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROPOSAL 1												Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG												Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
11,588.00	7,916.51	12,630.55	7,984.46	111.75	111.36	-163.41	6,266.59	1,366.26	71.16	1.96	69.19	1.028	Level 2
11,589.00	7,916.49	12,631.56	7,984.45	111.75	111.36	-163.61	6,266.42	1,367.25	71.09	1.68	69.41	1.024	Level 2
11,590.00	7,916.47	12,632.56	7,984.45	111.76	111.36	-163.80	6,266.25	1,368.24	71.02	1.40	69.62	1.020	Level 2
11,591.00	7,916.46	12,633.56	7,984.44	111.76	111.36	-164.00	6,266.08	1,369.22	70.96	1.12	69.84	1.016	Level 2
11,592.00	7,916.44	12,634.56	7,984.44	111.77	111.36	-164.19	6,265.90	1,370.21	70.90	0.83	70.06	1.012	Level 2
11,593.00	7,916.42	12,635.56	7,984.43	111.77	111.36	-164.39	6,265.72	1,371.19	70.83	0.55	70.28	1.008	Level 2
11,594.00	7,916.41	12,636.57	7,984.42	111.78	111.36	-164.58	6,265.54	1,372.18	70.77	0.27	70.50	1.004	Level 2
11,595.00	7,916.39	12,637.57	7,984.42	111.78	111.36	-164.78	6,265.36	1,373.16	70.71	-0.01	70.72	1.000	Level 1
11,596.00	7,916.38	12,638.57	7,984.41	111.79	111.36	-164.98	6,265.18	1,374.14	70.65	-0.30	70.95	0.996	Level 1
11,597.00	7,916.36	12,639.56	7,984.41	111.79	111.37	-165.18	6,265.00	1,375.13	70.59	-0.58	71.17	0.992	Level 1
11,598.00	7,916.34	12,640.56	7,984.40	111.80	111.37	-165.37	6,264.81	1,376.11	70.53	-0.86	71.39	0.988	Level 1
11,599.00	7,916.33	12,641.56	7,984.39	111.80	111.37	-165.57	6,264.62	1,377.09	70.47	-1.14	71.62	0.984	Level 1
11,600.00	7,916.31	12,642.56	7,984.39	111.81	111.37	-165.77	6,264.43	1,378.07	70.42	-1.43	71.84	0.980	Level 1
11,601.00	7,916.29	12,643.56	7,984.38	111.81	111.37	-165.97	6,264.24	1,379.05	70.36	-1.71	72.07	0.976	Level 1
11,602.00	7,916.28	12,644.55	7,984.37	111.81	111.37	-166.17	6,264.05	1,380.03	70.31	-1.99	72.30	0.972	Level 1
11,603.00	7,916.26	12,645.55	7,984.37	111.82	111.37	-166.37	6,263.86	1,381.00	70.25	-2.27	72.52	0.969	Level 1
11,604.00	7,916.25	12,646.55	7,984.36	111.82	111.37	-166.57	6,263.66	1,381.98	70.20	-2.55	72.75	0.965	Level 1
11,605.00	7,916.23	12,647.54	7,984.36	111.83	111.37	-166.76	6,263.46	1,382.96	70.15	-2.83	72.98	0.961	Level 1
11,606.00	7,916.21	12,648.54	7,984.35	111.83	111.37	-166.96	6,263.27	1,383.93	70.10	-3.11	73.21	0.957	Level 1
11,607.00	7,916.20	12,649.53	7,984.34	111.83	111.37	-167.17	6,263.07	1,384.90	70.05	-3.39	73.44	0.954	Level 1
11,608.00	7,916.18	12,650.53	7,984.34	111.84	111.37	-167.37	6,262.86	1,385.88	70.00	-3.67	73.67	0.950	Level 1
11,609.00	7,916.16	12,651.52	7,984.33	111.84	111.37	-167.57	6,262.66	1,386.85	69.95	-3.95	73.90	0.947	Level 1
11,610.00	7,916.15	12,652.51	7,984.32	111.85	111.37	-167.77	6,262.45	1,387.82	69.90	-4.23	74.13	0.943	Level 1
11,611.00	7,916.13	12,653.50	7,984.32	111.85	111.37	-167.97	6,262.25	1,388.79	69.86	-4.51	74.36	0.939	Level 1
11,612.00	7,916.12	12,654.50	7,984.31	111.85	111.37	-168.17	6,262.04	1,389.76	69.81	-4.78	74.59	0.936	Level 1
11,613.00	7,916.10	12,655.49	7,984.31	111.86	111.37	-168.37	6,261.83	1,390.73	69.76	-5.06	74.83	0.932	Level 1
11,614.00	7,916.08	12,656.48	7,984.30	111.86	111.37	-168.57	6,261.62	1,391.70	69.72	-5.34	75.06	0.929	Level 1
11,615.00	7,916.07	12,657.47	7,984.29	111.87	111.37	-168.78	6,261.41	1,392.67	69.68	-5.61	75.29	0.925	Level 1
11,616.00	7,916.05	12,658.46	7,984.29	111.87	111.37	-168.98	6,261.19	1,393.64	69.64	-5.89	75.52	0.922	Level 1
11,617.00	7,916.03	12,659.45	7,984.28	111.87	111.37	-169.18	6,260.97	1,394.60	69.60	-6.16	75.76	0.919	Level 1
11,618.00	7,916.02	12,660.44	7,984.27	111.88	111.36	-169.38	6,260.76	1,395.57	69.56	-6.44	75.99	0.915	Level 1
11,619.00	7,916.00	12,661.43	7,984.27	111.88	111.36	-169.59	6,260.54	1,396.53	69.52	-6.71	76.23	0.912	Level 1
11,620.00	7,915.99	12,662.42	7,984.26	111.88	111.36	-169.79	6,260.32	1,397.50	69.48	-6.98	76.46	0.909	Level 1
11,621.00	7,915.97	12,663.41	7,984.26	111.89	111.36	-169.99	6,260.09	1,398.46	69.44	-7.25	76.69	0.905	Level 1
11,622.00	7,915.95	12,664.40	7,984.25	111.89	111.36	-170.20	6,259.87	1,399.42	69.40	-7.52	76.93	0.902	Level 1
11,623.00	7,915.94	12,665.38	7,984.24	111.90	111.36	-170.40	6,259.65	1,400.38	69.37	-7.79	77.16	0.899	Level 1
11,624.00	7,915.92	12,666.37	7,984.24	111.90	111.36	-170.60	6,259.42	1,401.34	69.33	-8.06	77.40	0.896	Level 1
11,625.00	7,915.90	12,667.36	7,984.23	111.90	111.36	-170.81	6,259.19	1,402.30	69.30	-8.33	77.63	0.893	Level 1
11,626.00	7,915.89	12,668.34	7,984.23	111.91	111.36	-171.01	6,258.96	1,403.26	69.27	-8.60	77.87	0.890	Level 1
11,627.00	7,915.87	12,669.33	7,984.22	111.91	111.36	-171.22	6,258.73	1,404.22	69.24	-8.86	78.10	0.887	Level 1
11,628.00	7,915.85	12,670.31	7,984.21	111.92	111.36	-171.42	6,258.49	1,405.18	69.21	-9.13	78.34	0.883	Level 1
11,629.00	7,915.84	12,671.30	7,984.21	111.92	111.36	-171.62	6,258.26	1,406.13	69.18	-9.39	78.57	0.880	Level 1
11,630.00	7,915.82	12,672.28	7,984.20	111.92	111.36	-171.83	6,258.02	1,407.09	69.15	-9.66	78.80	0.877	Level 1
11,631.00	7,915.81	12,673.27	7,984.19	111.93	111.36	-172.03	6,257.79	1,408.04	69.12	-9.92	79.04	0.875	Level 1
11,632.00	7,915.79	12,674.25	7,984.19	111.93	111.36	-172.24	6,257.55	1,409.00	69.09	-10.18	79.27	0.872	Level 1
11,633.00	7,915.77	12,675.23	7,984.18	111.94	111.36	-172.44	6,257.31	1,409.95	69.07	-10.44	79.51	0.869	Level 1
11,634.00	7,915.76	12,676.21	7,984.18	111.94	111.36	-172.65	6,257.06	1,410.90	69.04	-10.70	79.74	0.866	Level 1
11,635.00	7,915.74	12,677.19	7,984.17	111.94	111.36	-172.87	6,256.82	1,411.85	69.02	-10.96	79.98	0.863	Level 1
11,636.00	7,915.72	12,678.18	7,984.16	111.95	111.35	-173.08	6,256.57	1,412.80	68.99	-11.22	80.22	0.860	Level 1
11,637.00	7,915.71	12,679.15	7,984.16	111.95	111.35	-173.29	6,256.33	1,413.75	68.97	-11.48	80.46	0.857	Level 1
11,638.00	7,915.69	12,680.13	7,984.15	111.95	111.35	-173.51	6,256.08	1,414.69	68.95	-11.74	80.69	0.854	Level 1
11,639.00	7,915.68	12,681.11	7,984.14	111.96	111.35	-173.72	6,255.83	1,415.64	68.93	-12.01	80.94	0.852	Level 1

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,640.00	7,915.66	12,682.09	7,984.14	111.96	111.35	-173.94	6,255.58	1,416.58	68.91	-12.27	81.18	0.849	Level 1	
11,641.00	7,915.64	12,683.06	7,984.13	111.96	111.35	-174.16	6,255.33	1,417.53	68.89	-12.53	81.42	0.846	Level 1	
11,642.00	7,915.63	12,684.04	7,984.13	111.97	111.35	-174.38	6,255.07	1,418.47	68.87	-12.79	81.66	0.843	Level 1	
11,643.00	7,915.61	12,685.01	7,984.12	111.97	111.35	-174.60	6,254.82	1,419.41	68.85	-13.06	81.91	0.841	Level 1	
11,644.00	7,915.59	12,685.99	7,984.11	111.97	111.35	-174.82	6,254.56	1,420.35	68.84	-13.32	82.16	0.838	Level 1	
11,645.00	7,915.58	12,686.96	7,984.11	111.98	111.35	-175.05	6,254.31	1,421.28	68.82	-13.58	82.40	0.835	Level 1	
11,646.00	7,915.56	12,687.93	7,984.10	111.98	111.35	-175.27	6,254.05	1,422.22	68.81	-13.85	82.65	0.832	Level 1	
11,647.00	7,915.55	12,688.90	7,984.09	111.99	111.35	-175.50	6,253.79	1,423.15	68.79	-14.11	82.90	0.830	Level 1	
11,648.00	7,915.53	12,689.87	7,984.09	111.99	111.35	-175.72	6,253.52	1,424.09	68.78	-14.37	83.15	0.827	Level 1	
11,649.00	7,915.51	12,690.84	7,984.08	111.99	111.35	-175.95	6,253.26	1,425.02	68.77	-14.63	83.40	0.825	Level 1	
11,650.00	7,915.50	12,691.80	7,984.08	112.00	111.35	-176.18	6,253.00	1,425.95	68.76	-14.90	83.65	0.822	Level 1	
11,651.00	7,915.48	12,692.77	7,984.07	112.00	111.35	-176.41	6,252.73	1,426.88	68.75	-15.16	83.91	0.819	Level 1	
11,652.00	7,915.46	12,693.74	7,984.06	112.00	111.35	-176.64	6,252.47	1,427.81	68.74	-15.42	84.16	0.817	Level 1	
11,653.00	7,915.45	12,694.70	7,984.06	112.01	111.35	-176.87	6,252.20	1,428.73	68.73	-15.68	84.42	0.814	Level 1	
11,654.00	7,915.43	12,695.66	7,984.05	112.01	111.35	-177.11	6,251.93	1,429.66	68.72	-15.95	84.67	0.812	Level 1	
11,655.00	7,915.41	12,696.63	7,984.05	112.01	111.34	-177.34	6,251.66	1,430.58	68.72	-16.21	84.93	0.809	Level 1	
11,656.00	7,915.40	12,697.59	7,984.04	112.02	111.34	-177.58	6,251.39	1,431.50	68.72	-16.47	85.18	0.807	Level 1	
11,657.00	7,915.38	12,698.55	7,984.03	112.02	111.34	-177.82	6,251.11	1,432.43	68.71	-16.73	85.44	0.804	Level 1	
11,658.00	7,915.37	12,699.51	7,984.03	112.02	111.34	-178.05	6,250.84	1,433.34	68.71	-16.99	85.70	0.802	Level 1	
11,658.80	7,915.35	12,700.28	7,984.02	112.03	111.34	-178.25	6,250.62	1,434.08	68.71	-17.20	85.91	0.800	Level 1, CC	
11,659.00	7,915.35	12,700.47	7,984.02	112.03	111.34	-178.29	6,250.56	1,434.26	68.71	-17.25	85.96	0.799	Level 1	
11,660.00	7,915.33	12,701.42	7,984.02	112.03	111.34	-178.53	6,250.29	1,435.18	68.71	-17.51	86.22	0.797	Level 1	
11,661.00	7,915.32	12,702.38	7,984.01	112.03	111.34	-178.77	6,250.01	1,436.09	68.71	-17.77	86.48	0.795	Level 1	
11,662.00	7,915.30	12,703.34	7,984.00	112.04	111.34	-179.02	6,249.73	1,437.01	68.72	-18.02	86.74	0.792	Level 1	
11,663.00	7,915.28	12,704.29	7,984.00	112.04	111.34	-179.26	6,249.45	1,437.92	68.72	-18.28	87.00	0.790	Level 1	
11,664.00	7,915.27	12,705.24	7,983.99	112.05	111.33	-179.50	6,249.17	1,438.83	68.73	-18.54	87.26	0.788	Level 1	
11,665.00	7,915.25	12,706.20	7,983.98	112.05	111.33	-179.75	6,248.88	1,439.74	68.74	-18.79	87.53	0.785	Level 1	
11,666.00	7,915.24	12,707.15	7,983.98	112.05	111.33	-179.99	6,248.60	1,440.65	68.74	-19.05	87.79	0.783	Level 1	
11,667.00	7,915.22	12,708.10	7,983.97	112.06	111.33	179.76	6,248.31	1,441.55	68.75	-19.30	88.05	0.781	Level 1	
11,668.00	7,915.20	12,709.05	7,983.97	112.06	111.33	179.51	6,248.03	1,442.46	68.77	-19.55	88.32	0.779	Level 1	
11,669.00	7,915.19	12,709.99	7,983.96	112.06	111.33	179.26	6,247.74	1,443.36	68.78	-19.80	88.58	0.776	Level 1	
11,670.00	7,915.17	12,710.94	7,983.95	112.07	111.33	179.01	6,247.45	1,444.26	68.79	-20.05	88.85	0.774	Level 1	
11,671.00	7,915.15	12,711.89	7,983.95	112.07	111.32	178.76	6,247.16	1,445.17	68.81	-20.30	89.11	0.772	Level 1	
11,672.00	7,915.14	12,712.83	7,983.94	112.07	111.32	178.51	6,246.87	1,446.06	68.83	-20.55	89.38	0.770	Level 1	
11,673.00	7,915.12	12,713.78	7,983.94	112.08	111.32	178.26	6,246.58	1,446.96	68.85	-20.80	89.64	0.768	Level 1	
11,674.00	7,915.11	12,714.72	7,983.93	112.08	111.32	178.01	6,246.28	1,447.86	68.87	-21.04	89.91	0.766	Level 1	
11,675.00	7,915.09	12,715.66	7,983.92	112.09	111.32	177.75	6,245.99	1,448.75	68.89	-21.28	90.17	0.764	Level 1	
11,676.00	7,915.07	12,716.60	7,983.92	112.09	111.32	177.50	6,245.69	1,449.65	68.91	-21.53	90.44	0.762	Level 1	
11,677.00	7,915.06	12,717.54	7,983.91	112.09	111.31	177.24	6,245.40	1,450.54	68.94	-21.77	90.71	0.760	Level 1	
11,678.00	7,915.04	12,718.48	7,983.91	112.10	111.31	176.99	6,245.10	1,451.43	68.97	-22.01	90.97	0.758	Level 1	
11,679.00	7,915.02	12,719.42	7,983.90	112.10	111.31	176.73	6,244.80	1,452.32	68.99	-22.25	91.24	0.756	Level 1	
11,680.00	7,915.01	12,720.35	7,983.89	112.10	111.31	176.47	6,244.50	1,453.20	69.02	-22.48	91.51	0.754	Level 1	
11,681.00	7,914.99	12,721.29	7,983.89	112.11	111.31	176.22	6,244.20	1,454.09	69.06	-22.72	91.77	0.752	Level 1	
11,682.00	7,914.97	12,722.22	7,983.88	112.11	111.31	175.96	6,243.89	1,454.97	69.09	-22.95	92.04	0.751	Level 1	
11,683.00	7,914.96	12,723.16	7,983.88	112.11	111.31	175.70	6,243.59	1,455.86	69.13	-23.18	92.31	0.749	Level 1	
11,684.00	7,914.94	12,724.09	7,983.87	112.12	111.30	175.44	6,243.29	1,456.74	69.16	-23.41	92.57	0.747	Level 1	
11,685.00	7,914.93	12,725.02	7,983.86	112.12	111.30	175.18	6,242.98	1,457.62	69.20	-23.64	92.84	0.745	Level 1	
11,686.00	7,914.91	12,725.95	7,983.86	112.12	111.30	174.92	6,242.67	1,458.49	69.24	-23.86	93.11	0.744	Level 1	
11,687.00	7,914.89	12,726.88	7,983.85	112.13	111.30	174.65	6,242.37	1,459.37	69.29	-24.09	93.37	0.742	Level 1	
11,688.00	7,914.88	12,727.81	7,983.85	112.13	111.30	174.39	6,242.06	1,460.24	69.33	-24.31	93.64	0.740	Level 1	
11,689.00	7,914.86	12,728.74	7,983.84	112.14	111.30	174.13	6,241.75	1,461.12	69.38	-24.53	93.91	0.739	Level 1	
11,690.00	7,914.84	12,729.66	7,983.83	112.14	111.30	173.87	6,241.44	1,461.99	69.42	-24.75	94.17	0.737	Level 1	

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,691.00	7,914.83	12,730.59	7,983.83	112.14	111.29	173.60	6,241.12	1,462.86	69.47	-24.96	94.44	0.736	Level 1	
11,692.00	7,914.81	12,731.51	7,983.82	112.15	111.29	173.34	6,240.81	1,463.73	69.53	-25.18	94.70	0.734	Level 1	
11,693.00	7,914.80	12,732.43	7,983.82	112.15	111.29	173.07	6,240.50	1,464.60	69.58	-25.39	94.97	0.733	Level 1	
11,694.00	7,914.78	12,733.35	7,983.81	112.15	111.29	172.81	6,240.18	1,465.46	69.63	-25.60	95.23	0.731	Level 1	
11,695.00	7,914.76	12,734.27	7,983.80	112.16	111.29	172.54	6,239.87	1,466.33	69.69	-25.80	95.50	0.730	Level 1	
11,696.00	7,914.75	12,735.19	7,983.80	112.16	111.29	172.27	6,239.55	1,467.19	69.75	-26.01	95.76	0.728	Level 1	
11,697.00	7,914.73	12,736.11	7,983.79	112.17	111.29	172.01	6,239.23	1,468.05	69.81	-26.21	96.02	0.727	Level 1	
11,698.00	7,914.71	12,737.03	7,983.79	112.17	111.28	171.74	6,238.91	1,468.91	69.88	-26.41	96.29	0.726	Level 1	
11,699.00	7,914.70	12,737.94	7,983.78	112.17	111.28	171.47	6,238.59	1,469.77	69.94	-26.61	96.55	0.724	Level 1	
11,700.00	7,914.68	12,738.86	7,983.77	112.18	111.28	171.21	6,238.27	1,470.62	70.01	-26.80	96.81	0.723	Level 1	
11,701.00	7,914.67	12,739.77	7,983.77	112.18	111.28	170.94	6,237.95	1,471.48	70.08	-26.99	97.07	0.722	Level 1	
11,702.00	7,914.65	12,740.68	7,983.76	112.18	111.28	170.67	6,237.62	1,472.33	70.15	-27.18	97.33	0.721	Level 1	
11,703.00	7,914.63	12,741.59	7,983.76	112.19	111.28	170.40	6,237.30	1,473.18	70.23	-27.37	97.59	0.720	Level 1	
11,704.00	7,914.62	12,742.50	7,983.75	112.19	111.28	170.13	6,236.98	1,474.03	70.30	-27.55	97.85	0.718	Level 1	
11,705.00	7,914.60	12,743.41	7,983.75	112.19	111.27	169.86	6,236.65	1,474.88	70.38	-27.73	98.11	0.717	Level 1	
11,706.00	7,914.58	12,744.32	7,983.74	112.20	111.27	169.59	6,236.32	1,475.73	70.46	-27.91	98.37	0.716	Level 1	
11,707.00	7,914.57	12,745.22	7,983.73	112.20	111.27	169.32	6,236.00	1,476.57	70.54	-28.09	98.63	0.715	Level 1	
11,708.00	7,914.55	12,746.13	7,983.73	112.21	111.27	169.05	6,235.67	1,477.41	70.63	-28.26	98.89	0.714	Level 1	
11,709.00	7,914.53	12,747.03	7,983.72	112.21	111.27	168.78	6,235.34	1,478.26	70.71	-28.43	99.14	0.713	Level 1	
11,710.00	7,914.52	12,747.94	7,983.72	112.21	111.27	168.51	6,235.01	1,479.10	70.80	-28.60	99.40	0.712	Level 1	
11,711.00	7,914.50	12,748.84	7,983.71	112.22	111.27	168.24	6,234.68	1,479.94	70.89	-28.76	99.65	0.711	Level 1	
11,712.00	7,914.49	12,750.00	7,983.70	112.22	111.26	167.99	6,234.25	1,481.02	70.99	-28.94	99.92	0.710	Level 1	
11,713.00	7,914.47	12,750.00	7,983.70	112.22	111.26	167.89	6,234.25	1,481.02	71.09	-29.06	100.14	0.710	Level 1	
11,714.00	7,914.45	12,751.54	7,983.69	112.23	111.26	167.43	6,233.68	1,482.44	71.18	-29.23	100.41	0.709	Level 1	
11,715.00	7,914.44	12,752.43	7,983.69	112.23	111.26	167.16	6,233.34	1,483.27	71.28	-29.38	100.66	0.708	Level 1	
11,716.00	7,914.42	12,753.33	7,983.68	112.23	111.25	166.89	6,233.01	1,484.11	71.38	-29.53	100.91	0.707	Level 1	
11,717.00	7,914.40	12,754.23	7,983.68	112.24	111.25	166.62	6,232.67	1,484.93	71.49	-29.68	101.16	0.707	Level 1	
11,718.00	7,914.39	12,755.12	7,983.67	112.24	111.25	166.35	6,232.33	1,485.76	71.59	-29.82	101.41	0.706	Level 1	
11,719.00	7,914.37	12,756.01	7,983.66	112.25	111.25	166.08	6,231.99	1,486.59	71.70	-29.96	101.66	0.705	Level 1	
11,720.00	7,914.36	12,756.90	7,983.66	112.25	111.25	165.81	6,231.66	1,487.41	71.82	-30.09	101.91	0.705	Level 1	
11,721.00	7,914.34	12,757.79	7,983.65	112.25	111.24	165.54	6,231.32	1,488.23	71.93	-30.22	102.15	0.704	Level 1	
11,722.00	7,914.32	12,758.68	7,983.65	112.26	111.24	165.27	6,230.97	1,489.06	72.05	-30.35	102.40	0.704	Level 1	
11,723.00	7,914.31	12,759.57	7,983.64	112.26	111.24	165.00	6,230.63	1,489.88	72.16	-30.48	102.64	0.703	Level 1	
11,724.00	7,914.29	12,760.46	7,983.63	112.26	111.24	164.73	6,230.29	1,490.69	72.28	-30.60	102.88	0.703	Level 1	
11,725.00	7,914.27	12,761.34	7,983.63	112.27	111.23	164.46	6,229.95	1,491.51	72.41	-30.72	103.12	0.702	Level 1	
11,726.00	7,914.26	12,762.23	7,983.62	112.27	111.23	164.19	6,229.60	1,492.32	72.53	-30.83	103.36	0.702	Level 1	
11,727.00	7,914.24	12,763.11	7,983.62	112.28	111.23	163.92	6,229.26	1,493.14	72.66	-30.94	103.60	0.701	Level 1	
11,728.00	7,914.22	12,763.99	7,983.61	112.28	111.23	163.65	6,228.91	1,493.95	72.79	-31.05	103.84	0.701	Level 1	
11,729.00	7,914.21	12,764.87	7,983.61	112.28	111.22	163.38	6,228.57	1,494.76	72.93	-31.15	104.08	0.701	Level 1	
11,730.00	7,914.19	12,765.75	7,983.60	112.29	111.22	163.11	6,228.22	1,495.57	73.06	-31.25	104.32	0.700	Level 1	
11,731.00	7,914.18	12,766.63	7,983.59	112.29	111.22	162.84	6,227.87	1,496.37	73.20	-31.35	104.55	0.700	Level 1	
11,732.00	7,914.16	12,767.51	7,983.59	112.29	111.22	162.58	6,227.52	1,497.18	73.34	-31.44	104.78	0.700	Level 1	
11,733.00	7,914.14	12,768.38	7,983.58	112.30	111.22	162.31	6,227.17	1,497.98	73.48	-31.53	105.02	0.700	Level 1	
11,734.00	7,914.13	12,769.26	7,983.58	112.30	111.21	162.04	6,226.82	1,498.78	73.63	-31.62	105.25	0.700	Level 1	
11,735.00	7,914.11	12,770.13	7,983.57	112.31	111.21	161.77	6,226.47	1,499.58	73.78	-31.70	105.48	0.699	Level 1	
11,736.00	7,914.09	12,771.00	7,983.57	112.31	111.21	161.51	6,226.12	1,500.38	73.93	-31.78	105.71	0.699	Level 1	
11,737.00	7,914.08	12,771.87	7,983.56	112.31	111.21	161.24	6,225.77	1,501.18	74.08	-31.86	105.93	0.699	Level 1	
11,738.00	7,914.06	12,772.74	7,983.56	112.32	111.20	160.97	6,225.42	1,501.97	74.23	-31.93	106.16	0.699	Level 1, SF	
11,739.00	7,914.05	12,773.61	7,983.55	112.32	111.20	160.71	6,225.06	1,502.76	74.39	-32.00	106.39	0.699	Level 1	
11,740.00	7,914.03	12,774.48	7,983.54	112.32	111.20	160.44	6,224.71	1,503.56	74.55	-32.06	106.61	0.699	Level 1	
11,741.00	7,914.01	12,775.34	7,983.54	112.33	111.20	160.18	6,224.35	1,504.34	74.71	-32.12	106.83	0.699	Level 1	
11,742.00	7,914.00	12,776.21	7,983.53	112.33	111.19	159.91	6,224.00	1,505.13	74.88	-32.18	107.05	0.699	Level 1	

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,743.00	7,913.98	12,777.07	7,983.53	112.34	111.19	159.65	6,223.64	1,505.92	75.05	-32.23	107.27	0.700	Level 1	
11,744.00	7,913.96	12,777.93	7,983.52	112.34	111.19	159.38	6,223.28	1,506.70	75.22	-32.28	107.49	0.700	Level 1	
11,745.00	7,913.95	12,778.80	7,983.52	112.34	111.19	159.12	6,222.93	1,507.49	75.39	-32.32	107.71	0.700	Level 1	
11,746.00	7,913.93	12,779.66	7,983.51	112.35	111.19	158.86	6,222.57	1,508.27	75.57	-32.36	107.93	0.700	Level 1	
11,747.00	7,913.92	12,780.51	7,983.50	112.35	111.18	158.59	6,222.21	1,509.05	75.74	-32.40	108.14	0.700	Level 1	
11,748.00	7,913.90	12,781.37	7,983.50	112.35	111.18	158.33	6,221.85	1,509.83	75.92	-32.43	108.36	0.701	Level 1	
11,749.00	7,913.88	12,782.23	7,983.49	112.36	111.18	158.07	6,221.49	1,510.61	76.11	-32.46	108.57	0.701	Level 1	
11,750.00	7,913.87	12,783.08	7,983.49	112.36	111.18	157.81	6,221.13	1,511.38	76.29	-32.49	108.78	0.701	Level 1	
11,751.00	7,913.85	12,783.94	7,983.48	112.37	111.17	157.55	6,220.77	1,512.15	76.48	-32.51	108.99	0.702	Level 1	
11,752.00	7,913.83	12,784.79	7,983.48	112.37	111.17	157.29	6,220.40	1,512.93	76.67	-32.53	109.20	0.702	Level 1	
11,753.00	7,913.82	12,785.64	7,983.47	112.37	111.17	157.03	6,220.04	1,513.70	76.87	-32.54	109.41	0.703	Level 1	
11,754.00	7,913.80	12,786.49	7,983.47	112.38	111.17	156.77	6,219.68	1,514.46	77.06	-32.55	109.61	0.703	Level 1	
11,755.00	7,913.78	12,787.34	7,983.46	112.38	111.17	156.52	6,219.31	1,515.23	77.26	-32.56	109.82	0.704	Level 1	
11,756.00	7,913.77	12,788.19	7,983.45	112.38	111.16	156.26	6,218.95	1,516.00	77.46	-32.56	110.02	0.704	Level 1	
11,757.00	7,913.75	12,789.04	7,983.45	112.39	111.16	156.00	6,218.58	1,516.76	77.66	-32.56	110.22	0.705	Level 1	
11,758.00	7,913.74	12,789.88	7,983.44	112.39	111.16	155.75	6,218.22	1,517.52	77.87	-32.55	110.42	0.705	Level 1	
11,759.00	7,913.72	12,790.72	7,983.44	112.40	111.16	155.49	6,217.85	1,518.28	78.08	-32.54	110.62	0.706	Level 1	
11,760.00	7,913.70	12,791.57	7,983.43	112.40	111.16	155.24	6,217.48	1,519.04	78.29	-32.53	110.82	0.706	Level 1	
11,761.00	7,913.69	12,792.41	7,983.43	112.40	111.15	154.99	6,217.11	1,519.80	78.50	-32.51	111.02	0.707	Level 1	
11,762.00	7,913.67	12,793.25	7,983.42	112.41	111.15	154.73	6,216.75	1,520.55	78.72	-32.49	111.21	0.708	Level 1	
11,763.00	7,913.65	12,794.09	7,983.42	112.41	111.15	154.48	6,216.38	1,521.31	78.94	-32.47	111.41	0.709	Level 1	
11,764.00	7,913.64	12,794.93	7,983.41	112.42	111.15	154.23	6,216.01	1,522.06	79.16	-32.44	111.60	0.709	Level 1	
11,765.00	7,913.62	12,795.76	7,983.41	112.42	111.14	153.98	6,215.64	1,522.81	79.38	-32.40	111.79	0.710	Level 1	
11,766.00	7,913.61	12,796.60	7,983.40	112.42	111.14	153.73	6,215.27	1,523.56	79.61	-32.37	111.98	0.711	Level 1	
11,767.00	7,913.59	12,797.43	7,983.39	112.43	111.14	153.48	6,214.90	1,524.30	79.84	-32.33	112.17	0.712	Level 1	
11,768.00	7,913.57	12,798.27	7,983.39	112.43	111.14	153.23	6,214.52	1,525.05	80.07	-32.28	112.36	0.713	Level 1	
11,769.00	7,913.56	12,800.00	7,983.38	112.43	111.13	152.71	6,213.75	1,526.60	80.31	-31.99	112.30	0.715	Level 1	
11,770.00	7,913.54	12,800.00	7,983.38	112.44	111.13	152.71	6,213.75	1,526.60	80.54	-32.16	112.71	0.715	Level 1	
11,771.00	7,913.52	12,800.00	7,983.38	112.44	111.13	152.71	6,213.75	1,526.60	80.79	-32.36	113.15	0.714	Level 1	
11,772.00	7,913.51	12,800.00	7,983.38	112.45	111.13	152.71	6,213.75	1,526.60	81.04	-32.59	113.63	0.713	Level 1, ES	
11,773.00	7,913.49	12,802.41	7,983.36	112.45	111.12	152.00	6,212.66	1,528.75	81.27	-32.01	113.28	0.717	Level 1	
11,774.00	7,913.48	12,803.24	7,983.36	112.45	111.12	151.76	6,212.28	1,529.49	81.52	-31.94	113.46	0.718	Level 1	
11,775.00	7,913.46	12,804.06	7,983.35	112.46	111.12	151.52	6,211.91	1,530.22	81.77	-31.87	113.64	0.720	Level 1	
11,776.00	7,913.44	12,804.88	7,983.35	112.46	111.12	151.27	6,211.53	1,530.95	82.02	-31.79	113.81	0.721	Level 1	
11,777.00	7,913.43	12,805.71	7,983.34	112.47	111.11	151.03	6,211.16	1,531.68	82.27	-31.72	113.99	0.722	Level 1	
11,778.00	7,913.41	12,806.53	7,983.34	112.47	111.11	150.79	6,210.78	1,532.41	82.53	-31.63	114.17	0.723	Level 1	
11,779.00	7,913.39	12,807.34	7,983.33	112.47	111.11	150.55	6,210.40	1,533.14	82.79	-31.55	114.34	0.724	Level 1	
11,780.00	7,913.38	12,808.16	7,983.32	112.48	111.10	150.32	6,210.03	1,533.87	83.05	-31.46	114.51	0.725	Level 1	
11,781.00	7,913.36	12,808.98	7,983.32	112.48	111.10	150.08	6,209.65	1,534.59	83.32	-31.36	114.68	0.727	Level 1	
11,782.00	7,913.34	12,809.79	7,983.31	112.49	111.10	149.84	6,209.27	1,535.31	83.59	-31.27	114.85	0.728	Level 1	
11,783.00	7,913.33	12,810.61	7,983.31	112.49	111.10	149.61	6,208.89	1,536.03	83.86	-31.17	115.02	0.729	Level 1	
11,784.00	7,913.31	12,811.42	7,983.30	112.49	111.09	149.37	6,208.51	1,536.75	84.13	-31.06	115.19	0.730	Level 1	
11,785.00	7,913.30	12,812.23	7,983.30	112.50	111.09	149.14	6,208.13	1,537.47	84.40	-30.96	115.36	0.732	Level 1	
11,786.00	7,913.28	12,813.04	7,983.29	112.50	111.09	148.90	6,207.75	1,538.18	84.68	-30.84	115.53	0.733	Level 1	
11,787.00	7,913.26	12,813.85	7,983.29	112.50	111.08	148.67	6,207.37	1,538.90	84.96	-30.73	115.69	0.734	Level 1	
11,788.00	7,913.25	12,814.66	7,983.28	112.51	111.08	148.44	6,206.99	1,539.61	85.24	-30.61	115.85	0.736	Level 1	
11,789.00	7,913.23	12,815.47	7,983.28	112.51	111.08	148.21	6,206.61	1,540.32	85.53	-30.49	116.02	0.737	Level 1	
11,790.00	7,913.21	12,816.27	7,983.27	112.52	111.08	147.98	6,206.23	1,541.03	85.82	-30.36	116.18	0.739	Level 1	
11,791.00	7,913.20	12,817.08	7,983.27	112.52	111.07	147.76	6,205.84	1,541.74	86.11	-30.23	116.34	0.740	Level 1	
11,792.00	7,913.18	12,817.88	7,983.26	112.52	111.07	147.53	6,205.46	1,542.44	86.40	-30.10	116.50	0.742	Level 1	
11,793.00	7,913.17	12,818.68	7,983.26	112.53	111.07	147.30	6,205.08	1,543.15	86.70	-29.96	116.66	0.743	Level 1	
11,794.00	7,913.15	12,819.48	7,983.25	112.53	111.06	147.08	6,204.69	1,543.85	86.99	-29.82	116.82	0.745	Level 1	

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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		
11,795.00	7,913.13	12,820.28	7,983.25	112.54	111.06	146.85	6,204.31	1,544.55	87.29	-29.68	116.97	0.746	Level 1	
11,796.00	7,913.12	12,821.08	7,983.24	112.54	111.06	146.63	6,203.93	1,545.25	87.59	-29.53	117.13	0.748	Level 1	
11,797.00	7,913.10	12,821.88	7,983.24	112.54	111.06	146.41	6,203.54	1,545.95	87.90	-29.38	117.28	0.749	Level 1	
11,798.00	7,913.08	12,822.67	7,983.23	112.55	111.05	146.19	6,203.16	1,546.64	88.21	-29.23	117.44	0.751	Level 1	
11,799.00	7,913.07	12,823.47	7,983.23	112.55	111.05	145.97	6,202.77	1,547.34	88.52	-29.07	117.59	0.753	Level 1	
11,800.00	7,913.05	12,824.26	7,983.22	112.56	111.05	145.75	6,202.39	1,548.03	88.83	-28.91	117.74	0.754	Level 1	
11,801.00	7,913.04	12,825.05	7,983.21	112.56	111.04	145.53	6,202.00	1,548.72	89.14	-28.75	117.89	0.756	Level 1	
11,802.00	7,913.02	12,825.84	7,983.21	112.56	111.04	145.31	6,201.61	1,549.41	89.46	-28.58	118.04	0.758	Level 1	
11,803.00	7,913.00	12,826.63	7,983.20	112.57	111.04	145.09	6,201.23	1,550.10	89.78	-28.41	118.19	0.760	Level 1	
11,804.00	7,912.99	12,827.42	7,983.20	112.57	111.04	144.88	6,200.84	1,550.79	90.10	-28.24	118.34	0.761	Level 1	
11,805.00	7,912.97	12,828.20	7,983.19	112.58	111.03	144.66	6,200.45	1,551.47	90.43	-28.06	118.49	0.763	Level 1	
11,806.00	7,912.95	12,828.99	7,983.19	112.58	111.03	144.45	6,200.07	1,552.15	90.75	-27.88	118.63	0.765	Level 1	
11,807.00	7,912.94	12,829.77	7,983.18	112.58	111.03	144.24	6,199.68	1,552.84	91.08	-27.70	118.78	0.767	Level 1	
11,808.00	7,912.92	12,830.56	7,983.18	112.59	111.02	144.03	6,199.29	1,553.52	91.41	-27.51	118.92	0.769	Level 1	
11,809.00	7,912.90	12,831.34	7,983.17	112.59	111.02	143.82	6,198.90	1,554.19	91.75	-27.32	119.07	0.771	Level 1	
11,810.00	7,912.89	12,832.12	7,983.17	112.60	111.02	143.61	6,198.51	1,554.87	92.08	-27.13	119.21	0.772	Level 1	
11,811.00	7,912.87	12,832.90	7,983.16	112.60	111.02	143.40	6,198.12	1,555.54	92.42	-26.93	119.35	0.774	Level 1	
11,812.00	7,912.86	12,833.67	7,983.16	112.60	111.01	143.19	6,197.73	1,556.22	92.76	-26.73	119.49	0.776	Level 1	
11,813.00	7,912.84	12,834.45	7,983.15	112.61	111.01	142.98	6,197.34	1,556.89	93.10	-26.53	119.63	0.778	Level 1	
11,814.00	7,912.82	12,835.23	7,983.15	112.61	111.01	142.78	6,196.95	1,557.56	93.45	-26.33	119.77	0.780	Level 1	
11,815.00	7,912.81	12,836.00	7,983.14	112.62	111.01	142.57	6,196.56	1,558.23	93.80	-26.12	119.91	0.782	Level 1	
11,816.00	7,912.79	12,836.77	7,983.14	112.62	111.00	142.37	6,196.17	1,558.89	94.15	-25.91	120.05	0.784	Level 1	
11,817.00	7,912.77	12,837.54	7,983.13	112.62	111.00	142.17	6,195.78	1,559.56	94.50	-25.69	120.19	0.786	Level 1	
11,818.00	7,912.76	12,838.31	7,983.13	112.63	111.00	141.97	6,195.39	1,560.22	94.85	-25.47	120.33	0.788	Level 1	
11,819.00	7,912.74	12,839.08	7,983.12	112.63	110.99	141.77	6,195.00	1,560.89	95.21	-25.25	120.46	0.790	Level 1	
11,820.00	7,912.73	12,839.85	7,983.12	112.63	110.99	141.57	6,194.61	1,561.55	95.57	-25.03	120.60	0.792	Level 1	
11,821.00	7,912.71	12,840.62	7,983.11	112.64	110.99	141.37	6,194.22	1,562.20	95.93	-24.80	120.73	0.795	Level 1	
11,822.00	7,912.69	12,841.38	7,983.11	112.64	110.99	141.17	6,193.83	1,562.86	96.29	-24.57	120.87	0.797	Level 1	
11,823.00	7,912.68	12,842.15	7,983.10	112.65	110.98	140.98	6,193.43	1,563.52	96.66	-24.34	121.00	0.799	Level 1	
11,824.00	7,912.66	12,842.91	7,983.10	112.65	110.98	140.78	6,193.04	1,564.17	97.03	-24.11	121.13	0.801	Level 1	
11,825.00	7,912.64	12,843.67	7,983.09	112.65	110.98	140.59	6,192.65	1,564.82	97.40	-23.87	121.27	0.803	Level 1	
11,826.00	7,912.63	12,844.43	7,983.09	112.66	110.98	140.39	6,192.26	1,565.47	97.77	-23.63	121.40	0.805	Level 1	
11,827.00	7,912.61	12,845.19	7,983.08	112.66	110.97	140.20	6,191.86	1,566.12	98.14	-23.38	121.53	0.808	Level 1	
11,828.00	7,912.59	12,845.95	7,983.08	112.67	110.97	140.01	6,191.47	1,566.77	98.52	-23.14	121.66	0.810	Level 1	
11,829.00	7,912.58	12,846.70	7,983.07	112.67	110.97	139.82	6,191.08	1,567.42	98.90	-22.89	121.79	0.812	Level 1	
11,830.00	7,912.56	12,850.00	7,983.05	112.67	110.96	139.00	6,189.35	1,570.23	99.32	-21.32	120.64	0.823	Level 1	
11,831.00	7,912.55	12,850.00	7,983.05	112.68	110.96	139.00	6,189.35	1,570.23	99.68	-21.44	121.12	0.823	Level 1	
11,832.00	7,912.53	12,850.00	7,983.05	112.68	110.96	139.00	6,189.35	1,570.23	100.05	-21.57	121.63	0.823	Level 1	
11,833.00	7,912.51	12,850.00	7,983.05	112.69	110.96	139.00	6,189.35	1,570.23	100.44	-21.71	122.15	0.822	Level 1	
11,834.00	7,912.50	12,850.00	7,983.05	112.69	110.96	139.00	6,189.35	1,570.23	100.83	-21.86	122.68	0.822	Level 1	
11,835.00	7,912.48	12,850.00	7,983.05	112.69	110.96	139.00	6,189.35	1,570.23	101.23	-22.01	123.23	0.821	Level 1	
11,836.00	7,912.46	12,850.00	7,983.05	112.70	110.96	139.00	6,189.35	1,570.23	101.63	-22.17	123.80	0.821	Level 1	
11,837.00	7,912.45	12,850.00	7,983.05	112.70	110.96	139.00	6,189.35	1,570.23	102.05	-22.33	124.38	0.820	Level 1	
11,838.00	7,912.43	12,853.46	7,983.03	112.71	110.94	138.15	6,187.53	1,573.16	102.41	-20.52	122.93	0.833	Level 1	
11,839.00	7,912.42	12,854.20	7,983.03	112.71	110.94	137.97	6,187.13	1,573.79	102.81	-20.25	123.05	0.835	Level 1	
11,840.00	7,912.40	12,854.94	7,983.02	112.72	110.93	137.79	6,186.73	1,574.42	103.21	-19.97	123.17	0.838	Level 1	
11,841.00	7,912.38	12,855.69	7,983.02	112.72	110.93	137.61	6,186.34	1,575.05	103.61	-19.68	123.30	0.840	Level 1	
11,842.00	7,912.37	12,856.43	7,983.01	112.72	110.93	137.44	6,185.94	1,575.67	104.02	-19.40	123.42	0.843	Level 1	
11,843.00	7,912.35	12,857.16	7,983.01	112.73	110.92	137.26	6,185.55	1,576.30	104.43	-19.11	123.54	0.845	Level 1	
11,844.00	7,912.33	12,857.90	7,983.00	112.73	110.92	137.08	6,185.15	1,576.92	104.84	-18.83	123.66	0.848	Level 1	
11,845.00	7,912.32	12,858.64	7,983.00	112.74	110.92	136.91	6,184.75	1,577.54	105.25	-18.53	123.79	0.850	Level 1	
11,846.00	7,912.30	12,859.37	7,982.99	112.74	110.91	136.74	6,184.36	1,578.16	105.67	-18.24	123.91	0.853	Level 1	

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



# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - OWB - PROPOSAL 1													Offset Site Error:	0.00 usft
Survey Program: 0-MWD OWSG													Offset Well Error:	0.00 usft
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Semi Major Axis Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
11,847.00	7,912.29	12,860.11	7,982.99	112.74	110.91	136.56	6,183.96	1,578.78	106.08	-17.94	124.03	0.855	Level 1	
11,848.00	7,912.27	12,860.84	7,982.98	112.75	110.91	136.39	6,183.57	1,579.39	106.50	-17.64	124.15	0.858	Level 1	
11,849.00	7,912.25	12,861.57	7,982.98	112.75	110.90	136.22	6,183.17	1,580.01	106.92	-17.34	124.27	0.860	Level 1	
11,850.00	7,912.24	12,862.30	7,982.97	112.76	110.90	136.05	6,182.77	1,580.62	107.34	-17.04	124.38	0.863	Level 1	
11,851.00	7,912.22	12,863.03	7,982.97	112.76	110.90	135.88	6,182.38	1,581.23	107.77	-16.73	124.50	0.866	Level 1	
11,852.00	7,912.20	12,863.76	7,982.96	112.76	110.89	135.71	6,181.98	1,581.84	108.20	-16.43	124.62	0.868	Level 1	
11,853.00	7,912.19	12,864.49	7,982.96	112.77	110.89	135.55	6,181.58	1,582.45	108.62	-16.11	124.74	0.871	Level 1	
11,854.00	7,912.17	12,865.21	7,982.95	112.77	110.89	135.38	6,181.18	1,583.06	109.05	-15.80	124.86	0.873	Level 1	
11,855.00	7,912.15	12,865.94	7,982.95	112.78	110.89	135.22	6,180.79	1,583.66	109.49	-15.49	124.97	0.876	Level 1	
11,856.00	7,912.14	12,866.66	7,982.94	112.78	110.88	135.05	6,180.39	1,584.27	109.92	-15.17	125.09	0.879	Level 1	
11,857.00	7,912.12	12,867.38	7,982.94	112.78	110.88	134.89	6,179.99	1,584.87	110.36	-14.85	125.21	0.881	Level 1	
11,858.00	7,912.11	12,868.10	7,982.94	112.79	110.88	134.73	6,179.59	1,585.47	110.80	-14.53	125.32	0.884	Level 1	
11,859.00	7,912.09	12,868.82	7,982.93	112.79	110.87	134.56	6,179.20	1,586.07	111.24	-14.20	125.44	0.887	Level 1	
11,860.00	7,912.07	12,869.54	7,982.93	112.80	110.87	134.40	6,178.80	1,586.67	111.68	-13.87	125.55	0.889	Level 1	
11,861.00	7,912.06	12,870.26	7,982.92	112.80	110.87	134.24	6,178.40	1,587.26	112.12	-13.55	125.67	0.892	Level 1	
11,862.00	7,912.04	12,870.97	7,982.92	112.80	110.86	134.09	6,178.00	1,587.86	112.57	-13.21	125.78	0.895	Level 1	
11,863.00	7,912.02	12,871.69	7,982.91	112.81	110.86	133.93	6,177.61	1,588.45	113.02	-12.88	125.90	0.898	Level 1	
11,864.00	7,912.01	12,872.40	7,982.91	112.81	110.86	133.77	6,177.21	1,589.04	113.47	-12.55	126.01	0.900	Level 1	
11,865.00	7,911.99	12,873.11	7,982.90	112.82	110.85	133.62	6,176.81	1,589.63	113.92	-12.21	126.12	0.903	Level 1	
11,866.00	7,911.98	12,873.82	7,982.90	112.82	110.85	133.46	6,176.41	1,590.22	114.37	-11.87	126.24	0.906	Level 1	
11,867.00	7,911.96	12,874.53	7,982.89	112.83	110.85	133.31	6,176.01	1,590.81	114.83	-11.53	126.35	0.909	Level 1	
11,868.00	7,911.94	12,875.24	7,982.89	112.83	110.84	133.15	6,175.62	1,591.40	115.28	-11.18	126.46	0.912	Level 1	
11,869.00	7,911.93	12,875.95	7,982.88	112.83	110.84	133.00	6,175.22	1,591.98	115.74	-10.83	126.58	0.914	Level 1	
11,870.00	7,911.91	12,876.65	7,982.88	112.84	110.84	132.85	6,174.82	1,592.56	116.20	-10.49	126.69	0.917	Level 1	
11,871.00	7,911.89	12,877.36	7,982.88	112.84	110.83	132.70	6,174.42	1,593.14	116.66	-10.14	126.80	0.920	Level 1	
11,872.00	7,911.88	12,878.06	7,982.87	112.85	110.83	132.55	6,174.02	1,593.72	117.13	-9.78	126.91	0.923	Level 1	
11,873.00	7,911.86	12,878.76	7,982.87	112.85	110.83	132.40	6,173.62	1,594.30	117.60	-9.43	127.02	0.926	Level 1	
11,874.00	7,911.85	12,879.46	7,982.86	112.85	110.83	132.25	6,173.23	1,594.88	118.06	-9.07	127.13	0.929	Level 1	
11,875.00	7,911.83	12,880.16	7,982.86	112.86	110.82	132.10	6,172.83	1,595.46	118.53	-8.71	127.25	0.932	Level 1	
11,876.00	7,911.81	12,880.86	7,982.85	112.86	110.82	131.96	6,172.43	1,596.03	119.00	-8.35	127.36	0.934	Level 1	
11,877.00	7,911.80	12,881.56	7,982.85	112.87	110.82	131.81	6,172.03	1,596.60	119.48	-7.99	127.47	0.937	Level 1	
11,878.00	7,911.78	12,882.25	7,982.84	112.87	110.81	131.67	6,171.63	1,597.17	119.95	-7.62	127.58	0.940	Level 1	
11,879.00	7,911.76	12,882.95	7,982.84	112.88	110.81	131.52	6,171.23	1,597.74	120.43	-7.26	127.69	0.943	Level 1	
11,880.00	7,911.75	12,883.64	7,982.83	112.88	110.81	131.38	6,170.84	1,598.31	120.91	-6.89	127.80	0.946	Level 1	
11,881.00	7,911.73	12,884.34	7,982.83	112.88	110.80	131.24	6,170.44	1,598.88	121.39	-6.52	127.91	0.949	Level 1	
11,882.00	7,911.71	12,885.03	7,982.83	112.89	110.80	131.10	6,170.04	1,599.44	121.87	-6.15	128.01	0.952	Level 1	
11,883.00	7,911.70	12,885.72	7,982.82	112.89	110.80	130.96	6,169.64	1,600.00	122.35	-5.77	128.12	0.955	Level 1	
11,884.00	7,911.68	12,886.41	7,982.82	112.90	110.79	130.82	6,169.24	1,600.57	122.84	-5.40	128.23	0.958	Level 1	
11,885.00	7,911.67	12,887.09	7,982.81	112.90	110.79	130.68	6,168.84	1,601.13	123.32	-5.02	128.34	0.961	Level 1	
11,886.00	7,911.65	12,887.78	7,982.81	112.90	110.79	130.54	6,168.45	1,601.69	123.81	-4.64	128.45	0.964	Level 1	
11,887.00	7,911.63	12,888.47	7,982.80	112.91	110.79	130.40	6,168.05	1,602.24	124.30	-4.26	128.56	0.967	Level 1	
11,888.00	7,911.62	12,889.15	7,982.80	112.91	110.78	130.26	6,167.65	1,602.80	124.79	-3.87	128.67	0.970	Level 1	
11,889.00	7,911.60	12,889.83	7,982.79	112.92	110.78	130.13	6,167.25	1,603.35	125.29	-3.49	128.77	0.973	Level 1	
11,890.00	7,911.58	12,890.51	7,982.79	112.92	110.78	129.99	6,166.85	1,603.91	125.78	-3.10	128.88	0.976	Level 1	
11,891.00	7,911.57	12,891.19	7,982.79	112.93	110.77	129.86	6,166.46	1,604.46	126.28	-2.71	128.99	0.979	Level 1	
11,892.00	7,911.55	12,891.87	7,982.78	112.93	110.77	129.73	6,166.06	1,605.01	126.78	-2.32	129.10	0.982	Level 1	
11,893.00	7,911.54	12,892.55	7,982.78	112.93	110.77	129.59	6,165.66	1,605.56	127.28	-1.92	129.20	0.985	Level 1	
11,894.00	7,911.52	12,893.23	7,982.77	112.94	110.76	129.46	6,165.26	1,606.11	127.78	-1.53	129.31	0.988	Level 1	
11,895.00	7,911.50	12,893.90	7,982.77	112.94	110.76	129.33	6,164.86	1,606.65	128.28	-1.13	129.42	0.991	Level 1	
11,896.00	7,911.49	12,894.58	7,982.76	112.95	110.76	129.20	6,164.47	1,607.20	128.79	-0.73	129.52	0.994	Level 1	
11,897.00	7,911.47	12,895.25	7,982.76	112.95	110.76	129.07	6,164.07	1,607.74	129.29	-0.33	129.63	0.997	Level 1	
11,898.00	7,911.45	12,895.92	7,982.76	112.96	110.75	128.94	6,163.67	1,608.28	129.80	0.07	129.73	1.001	Level 2	

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



Civitas Resources  
Anticollision Report

Company:	CRESTONE PEAK RESOURCES	Local Co-ordinate Reference:	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
Project:	ARAPAHOE COUNTY	TVD Reference:	KB 25' @ 5825.00usft
Reference Site:	SEC 26-T4S-R65W	MD Reference:	KB 25' @ 5825.00usft
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GRIMM MOTOCROSS 4-65 23 2A3AUH	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 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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	
11,899.00	7,911.44	12,900.00	7,982.73	112.96	110.73	128.17	6,161.25	1,611.56	130.36	2.53	127.83	1.020	Level 2
11,900.00	7,911.42	12,900.00	7,982.73	112.96	110.73	128.17	6,161.25	1,611.56	130.86	2.53	128.32	1.020	Level 2
11,901.00	7,911.41	12,900.00	7,982.73	112.97	110.73	128.17	6,161.25	1,611.56	131.36	2.54	128.82	1.020	Level 2
11,902.00	7,911.39	12,900.00	7,982.73	112.97	110.73	128.17	6,161.25	1,611.56	131.86	2.54	129.32	1.020	Level 2
11,903.00	7,911.37	12,900.00	7,982.73	112.98	110.73	128.17	6,161.25	1,611.56	132.37	2.55	129.82	1.020	Level 2
11,904.00	7,911.36	12,900.00	7,982.73	112.98	110.73	128.17	6,161.25	1,611.56	132.88	2.55	130.33	1.020	Level 2
11,905.00	7,911.34	12,900.00	7,982.73	112.98	110.73	128.17	6,161.25	1,611.56	133.40	2.56	130.84	1.020	Level 2
11,906.00	7,911.32	12,900.00	7,982.73	112.99	110.73	128.17	6,161.25	1,611.56	133.93	2.58	131.35	1.020	Level 2
11,907.00	7,911.31	12,900.00	7,982.73	112.99	110.73	128.17	6,161.25	1,611.56	134.46	2.59	131.87	1.020	Level 2
11,908.00	7,911.29	12,900.00	7,982.73	113.00	110.73	128.17	6,161.25	1,611.56	135.00	2.61	132.38	1.020	Level 2
11,909.00	7,911.27	12,900.00	7,982.73	113.00	110.73	128.17	6,161.25	1,611.56	135.54	2.64	132.90	1.020	Level 2
11,910.00	7,911.26	12,900.00	7,982.73	113.01	110.73	128.17	6,161.25	1,611.56	136.09	2.66	133.42	1.020	Level 2
11,911.00	7,911.24	12,904.55	7,982.70	113.01	110.71	127.33	6,158.51	1,615.20	136.55	5.44	131.11	1.041	Level 2
11,912.00	7,911.23	12,905.21	7,982.70	113.01	110.71	127.22	6,158.11	1,615.72	137.08	5.86	131.21	1.045	Level 2
11,913.00	7,911.21	12,905.86	7,982.69	113.02	110.70	127.10	6,157.72	1,616.24	137.61	6.29	131.32	1.048	Level 2
11,914.00	7,911.19	12,906.52	7,982.69	113.02	110.70	126.98	6,157.32	1,616.76	138.14	6.72	131.42	1.051	Level 2
11,915.00	7,911.18	12,907.17	7,982.68	113.03	110.70	126.86	6,156.92	1,617.28	138.67	7.15	131.53	1.054	Level 2
11,916.00	7,911.16	12,907.82	7,982.68	113.03	110.69	126.75	6,156.53	1,617.80	139.21	7.58	131.63	1.058	Level 2
11,917.00	7,911.14	12,908.47	7,982.67	113.04	110.69	126.63	6,156.13	1,618.31	139.75	8.01	131.73	1.061	Level 2
11,918.00	7,911.13	12,909.12	7,982.67	113.04	110.69	126.52	6,155.74	1,618.83	140.28	8.45	131.84	1.064	Level 2
11,919.00	7,911.11	12,909.77	7,982.67	113.04	110.68	126.40	6,155.34	1,619.34	140.82	8.88	131.94	1.067	Level 2
11,920.00	7,911.10	12,910.41	7,982.66	113.05	110.68	126.29	6,154.95	1,619.85	141.36	9.32	132.05	1.071	Level 2
11,921.00	7,911.08	12,911.06	7,982.66	113.05	110.68	126.18	6,154.55	1,620.36	141.91	9.76	132.15	1.074	Level 2
11,922.00	7,911.06	12,911.70	7,982.65	113.06	110.67	126.07	6,154.16	1,620.87	142.45	10.20	132.25	1.077	Level 2
11,923.00	7,911.05	12,912.35	7,982.65	113.06	110.67	125.95	6,153.76	1,621.37	143.00	10.64	132.36	1.080	Level 2
11,924.00	7,911.03	12,912.99	7,982.65	113.06	110.67	125.84	6,153.37	1,621.88	143.54	11.08	132.46	1.084	Level 2
11,925.00	7,911.01	12,913.63	7,982.64	113.07	110.66	125.73	6,152.97	1,622.38	144.09	11.53	132.56	1.087	Level 2
11,926.00	7,911.00	12,914.27	7,982.64	113.07	110.66	125.62	6,152.58	1,622.89	144.64	11.98	132.66	1.090	Level 2
11,927.00	7,910.98	12,914.91	7,982.63	113.08	110.66	125.52	6,152.18	1,623.39	145.19	12.42	132.77	1.094	Level 2
11,928.00	7,910.96	12,915.54	7,982.63	113.08	110.65	125.41	6,151.79	1,623.89	145.74	12.87	132.87	1.097	Level 2
11,929.00	7,910.95	12,916.18	7,982.63	113.09	110.65	125.30	6,151.39	1,624.39	146.30	13.32	132.97	1.100	Level 2
11,930.00	7,910.93	12,916.81	7,982.62	113.09	110.65	125.19	6,151.00	1,624.89	146.85	13.78	133.08	1.104	Level 2
11,931.00	7,910.92	12,917.45	7,982.62	113.09	110.64	125.09	6,150.60	1,625.38	147.41	14.23	133.18	1.107	Level 2
11,932.00	7,910.90	12,918.08	7,982.61	113.10	110.64	124.98	6,150.21	1,625.88	147.97	14.69	133.28	1.110	Level 2
11,933.00	7,910.88	12,918.71	7,982.61	113.10	110.64	124.88	6,149.82	1,626.37	148.53	15.14	133.38	1.114	Level 2
11,934.00	7,910.87	12,919.34	7,982.61	113.11	110.63	124.77	6,149.42	1,626.86	149.09	15.60	133.48	1.117	Level 2
11,935.00	7,910.85	12,919.97	7,982.60	113.11	110.63	124.67	6,149.03	1,627.36	149.65	16.06	133.59	1.120	Level 2
11,936.00	7,910.83	12,920.60	7,982.60	113.12	110.63	124.56	6,148.64	1,627.85	150.21	16.52	133.69	1.124	Level 2
11,937.00	7,910.82	12,921.23	7,982.59	113.12	110.62	124.46	6,148.25	1,628.33	150.77	16.98	133.79	1.127	Level 2
11,938.00	7,910.80	12,921.85	7,982.59	113.12	110.62	124.36	6,147.85	1,628.82	151.34	17.45	133.89	1.130	Level 2
11,939.00	7,910.79	12,922.48	7,982.58	113.13	110.62	124.26	6,147.46	1,629.31	151.91	17.91	133.99	1.134	Level 2
11,940.00	7,910.77	12,923.10	7,982.58	113.13	110.61	124.16	6,147.07	1,629.79	152.48	18.38	134.09	1.137	Level 2
11,941.00	7,910.75	12,923.72	7,982.58	113.14	110.61	124.06	6,146.68	1,630.28	153.04	18.85	134.20	1.140	Level 2
11,942.00	7,910.74	12,924.34	7,982.57	113.14	110.61	123.96	6,146.28	1,630.76	153.62	19.32	134.30	1.144	Level 2
11,943.00	7,910.72	12,924.96	7,982.57	113.15	110.60	123.86	6,145.89	1,631.24	154.19	19.79	134.40	1.147	Level 2
11,944.00	7,910.70	12,925.58	7,982.57	113.15	110.60	123.76	6,145.50	1,631.72	154.76	20.26	134.50	1.151	Level 2
11,945.00	7,910.69	12,926.20	7,982.56	113.16	110.60	123.66	6,145.11	1,632.20	155.34	20.74	134.60	1.154	Level 2
11,946.00	7,910.67	12,926.82	7,982.56	113.16	110.59	123.56	6,144.72	1,632.67	155.91	21.21	134.70	1.157	Level 2
11,947.00	7,910.66	12,927.43	7,982.55	113.16	110.59	123.47	6,144.33	1,633.15	156.49	21.69	134.80	1.161	Level 2
11,948.00	7,910.64	12,928.05	7,982.55	113.17	110.59	123.37	6,143.94	1,633.62	157.07	22.17	134.90	1.164	Level 2
11,949.00	7,910.62	12,928.66	7,982.55	113.17	110.58	123.27	6,143.55	1,634.10	157.65	22.64	135.00	1.168	Level 2
11,950.00	7,910.61	12,929.27	7,982.54	113.18	110.58	123.18	6,143.15	1,634.57	158.23	23.13	135.10	1.171	Level 2

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design SEC 26-T4S-R65W - GRIMM MOTOCROSS 4-65 23 1B2BUH - 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	
11,951.00	7,910.59	12,929.88	7,982.54	113.18	110.58	123.08	6,142.76	1,635.04	158.81	23.61	135.20	1.175	Level 2
11,952.00	7,910.57	12,930.49	7,982.53	113.19	110.57	122.99	6,142.37	1,635.51	159.39	24.09	135.30	1.178	Level 2
11,953.00	7,910.56	12,931.10	7,982.53	113.19	110.57	122.90	6,141.98	1,635.97	159.98	24.57	135.40	1.181	Level 2
11,954.00	7,910.54	12,931.71	7,982.53	113.19	110.57	122.80	6,141.60	1,636.44	160.56	25.06	135.50	1.185	Level 2
11,955.00	7,910.52	12,932.32	7,982.52	113.20	110.56	122.71	6,141.21	1,636.91	161.15	25.55	135.60	1.188	Level 2
11,956.00	7,910.51	12,932.92	7,982.52	113.20	110.56	122.62	6,140.82	1,637.37	161.74	26.04	135.70	1.192	Level 2
11,957.00	7,910.49	12,933.53	7,982.51	113.21	110.56	122.53	6,140.43	1,637.83	162.33	26.53	135.80	1.195	Level 2
11,958.00	7,910.48	12,934.13	7,982.51	113.21	110.55	122.43	6,140.04	1,638.30	162.92	27.02	135.90	1.199	Level 2
11,959.00	7,910.46	12,934.73	7,982.51	113.22	110.55	122.34	6,139.65	1,638.76	163.51	27.51	136.00	1.202	Level 2
11,960.00	7,910.44	12,935.34	7,982.50	113.22	110.55	122.25	6,139.26	1,639.22	164.10	28.00	136.10	1.206	Level 2
11,961.00	7,910.43	12,935.94	7,982.50	113.22	110.54	122.16	6,138.87	1,639.67	164.70	28.50	136.20	1.209	Level 2
11,962.00	7,910.41	12,936.54	7,982.50	113.23	110.54	122.08	6,138.49	1,640.13	165.29	28.99	136.30	1.213	Level 2
11,963.00	7,910.39	12,937.13	7,982.49	113.23	110.54	121.99	6,138.10	1,640.59	165.89	29.49	136.40	1.216	Level 2
11,964.00	7,910.38	12,937.73	7,982.49	113.24	110.54	121.90	6,137.71	1,641.04	166.49	29.99	136.50	1.220	Level 2
11,965.00	7,910.36	12,938.33	7,982.48	113.24	110.53	121.81	6,137.32	1,641.49	167.09	30.49	136.59	1.223	Level 2
11,966.00	7,910.35	12,938.92	7,982.48	113.25	110.53	121.72	6,136.94	1,641.94	167.69	30.99	136.69	1.227	Level 2
11,967.00	7,910.33	12,939.51	7,982.48	113.25	110.53	121.64	6,136.55	1,642.39	168.29	31.49	136.79	1.230	Level 2
11,968.00	7,910.31	12,940.11	7,982.47	113.26	110.52	121.55	6,136.16	1,642.84	168.89	32.00	136.89	1.234	Level 2
11,969.00	7,910.30	12,940.70	7,982.47	113.26	110.52	121.47	6,135.78	1,643.29	169.49	32.50	136.99	1.237	Level 2
11,970.00	7,910.28	12,941.29	7,982.47	113.26	110.52	121.38	6,135.39	1,643.74	170.10	33.01	137.09	1.241	Level 2
11,971.00	7,910.26	12,941.88	7,982.46	113.27	110.51	121.30	6,135.01	1,644.18	170.70	33.52	137.19	1.244	Level 2
11,972.00	7,910.25	12,942.47	7,982.46	113.27	110.51	121.21	6,134.62	1,644.63	171.31	34.03	137.28	1.248	Level 2
11,973.00	7,910.23	12,943.05	7,982.45	113.28	110.51	121.13	6,134.24	1,645.07	171.92	34.54	137.38	1.251	Level 3
11,974.00	7,910.22	12,943.64	7,982.45	113.28	110.50	121.04	6,133.85	1,645.51	172.53	35.05	137.48	1.255	Level 3
11,975.00	7,910.20	12,944.23	7,982.45	113.29	110.50	120.96	6,133.47	1,645.96	173.14	35.56	137.58	1.258	Level 3
11,976.00	7,910.18	12,950.00	7,982.41	113.29	110.47	120.16	6,129.65	1,650.29	173.85	39.02	134.83	1.289	Level 3
11,977.00	7,910.17	12,950.00	7,982.41	113.30	110.47	120.16	6,129.65	1,650.29	174.44	39.19	135.24	1.290	Level 3
11,978.00	7,910.15	12,950.00	7,982.41	113.30	110.47	120.16	6,129.65	1,650.29	175.03	39.37	135.66	1.290	Level 3
11,979.00	7,910.13	12,950.00	7,982.41	113.30	110.47	120.16	6,129.65	1,650.29	175.63	39.56	136.07	1.291	Level 3
11,980.00	7,910.12	12,950.00	7,982.41	113.31	110.47	120.16	6,129.65	1,650.29	176.23	39.74	136.49	1.291	Level 3
11,981.00	7,910.10	12,950.00	7,982.41	113.31	110.47	120.16	6,129.65	1,650.29	176.84	39.93	136.91	1.292	Level 3
11,982.00	7,910.08	12,950.00	7,982.41	113.32	110.47	120.16	6,129.65	1,650.29	177.45	40.13	137.32	1.292	Level 3
11,983.00	7,910.07	12,950.00	7,982.41	113.32	110.47	120.16	6,129.65	1,650.29	178.06	40.33	137.73	1.293	Level 3
11,984.00	7,910.05	12,950.00	7,982.41	113.33	110.47	120.16	6,129.65	1,650.29	178.68	40.53	138.15	1.293	Level 3
11,985.00	7,910.04	12,950.00	7,982.41	113.33	110.47	120.16	6,129.65	1,650.29	179.30	40.74	138.56	1.294	Level 3
11,986.00	7,910.02	12,950.00	7,982.41	113.34	110.47	120.16	6,129.65	1,650.29	179.92	40.95	138.97	1.295	Level 3
11,987.00	7,910.00	12,950.00	7,982.41	113.34	110.47	120.16	6,129.65	1,650.29	180.55	41.17	139.38	1.295	Level 3
11,988.00	7,909.99	12,950.00	7,982.41	113.34	110.47	120.16	6,129.65	1,650.29	181.18	41.39	139.79	1.296	Level 3
11,989.00	7,909.97	12,950.00	7,982.41	113.35	110.47	120.16	6,129.65	1,650.29	181.81	41.61	140.20	1.297	Level 3
11,990.00	7,909.95	12,950.00	7,982.41	113.35	110.47	120.16	6,129.65	1,650.29	182.45	41.84	140.61	1.298	Level 3
11,991.00	7,909.94	12,950.00	7,982.41	113.36	110.47	120.16	6,129.65	1,650.29	183.09	42.08	141.01	1.298	Level 3
11,992.00	7,909.92	12,950.00	7,982.41	113.36	110.47	120.16	6,129.65	1,650.29	183.73	42.31	141.42	1.299	Level 3
11,993.00	7,909.91	12,950.00	7,982.41	113.37	110.47	120.16	6,129.65	1,650.29	184.38	42.56	141.82	1.300	Level 3
11,994.00	7,909.89	12,950.00	7,982.41	113.37	110.47	120.16	6,129.65	1,650.29	185.03	42.80	142.22	1.301	Level 3
11,995.00	7,909.87	12,950.00	7,982.41	113.38	110.47	120.16	6,129.65	1,650.29	185.68	43.05	142.63	1.302	Level 3
11,996.00	7,909.86	12,956.27	7,982.37	113.38	110.43	119.32	6,125.45	1,654.94	186.20	46.59	139.61	1.334	Level 3
11,997.00	7,909.84	12,956.83	7,982.37	113.39	110.43	119.25	6,125.07	1,655.36	186.83	47.13	139.70	1.337	Level 3
11,998.00	7,909.82	12,957.39	7,982.36	113.39	110.43	119.18	6,124.69	1,655.77	187.47	47.67	139.80	1.341	Level 3
11,999.00	7,909.81	12,957.95	7,982.36	113.39	110.42	119.11	6,124.31	1,656.18	188.10	48.21	139.89	1.345	Level 3

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

# Civitas Resources

## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB 25' @ 5825.00usft

Offset Depths are relative to Offset Datum

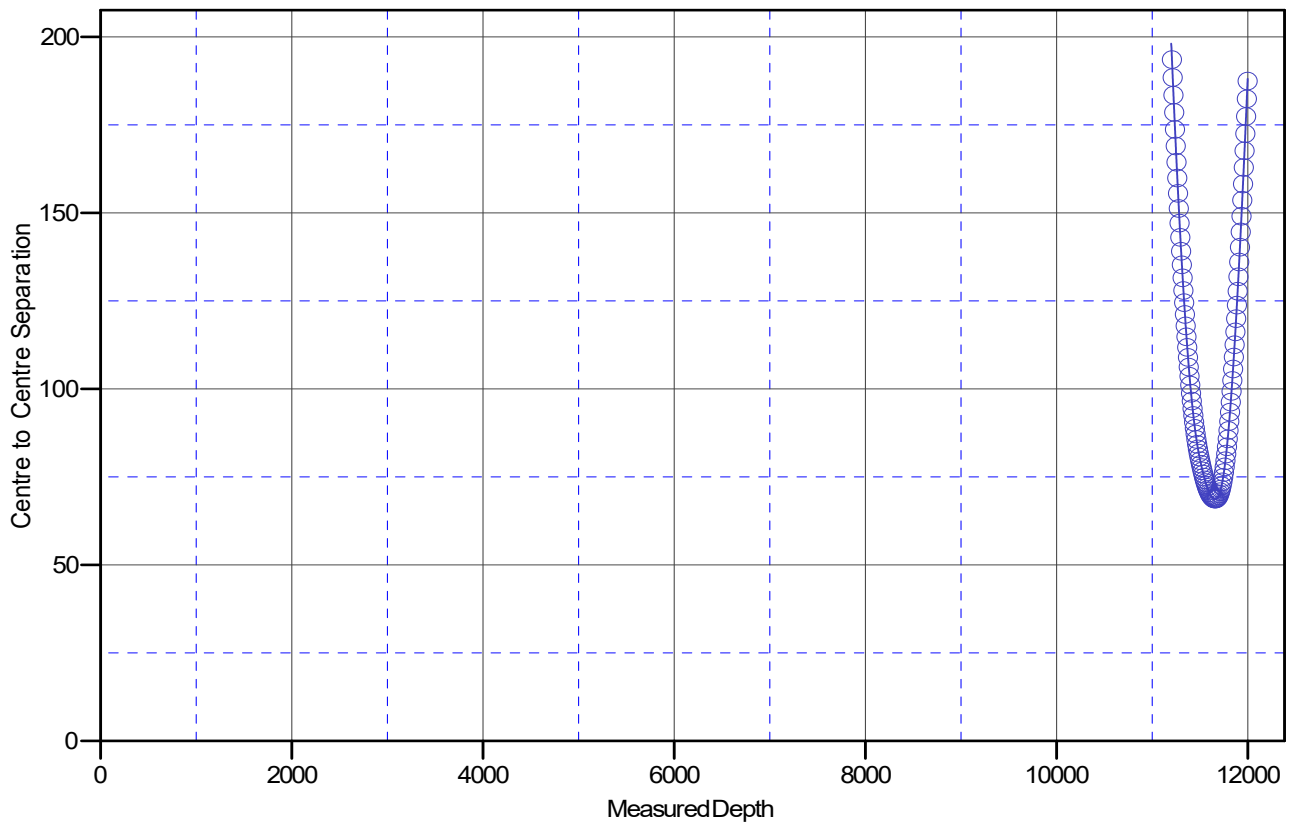
Central Meridian is 105.500000°W

Coordinates are relative to: GRIMM MOTOCROSS 4-65 23 2A3AUH

Coordinate System is US State Plane 1983, Colorado Central Zone

Grid Convergence at Surface is: 0.54°

### Ladder Plot



### LEGEND

GRIMM MOTOCROSS 4-65 23 1B2BUH OWB, PROPOSAL 1 V0

# Civitas Resources

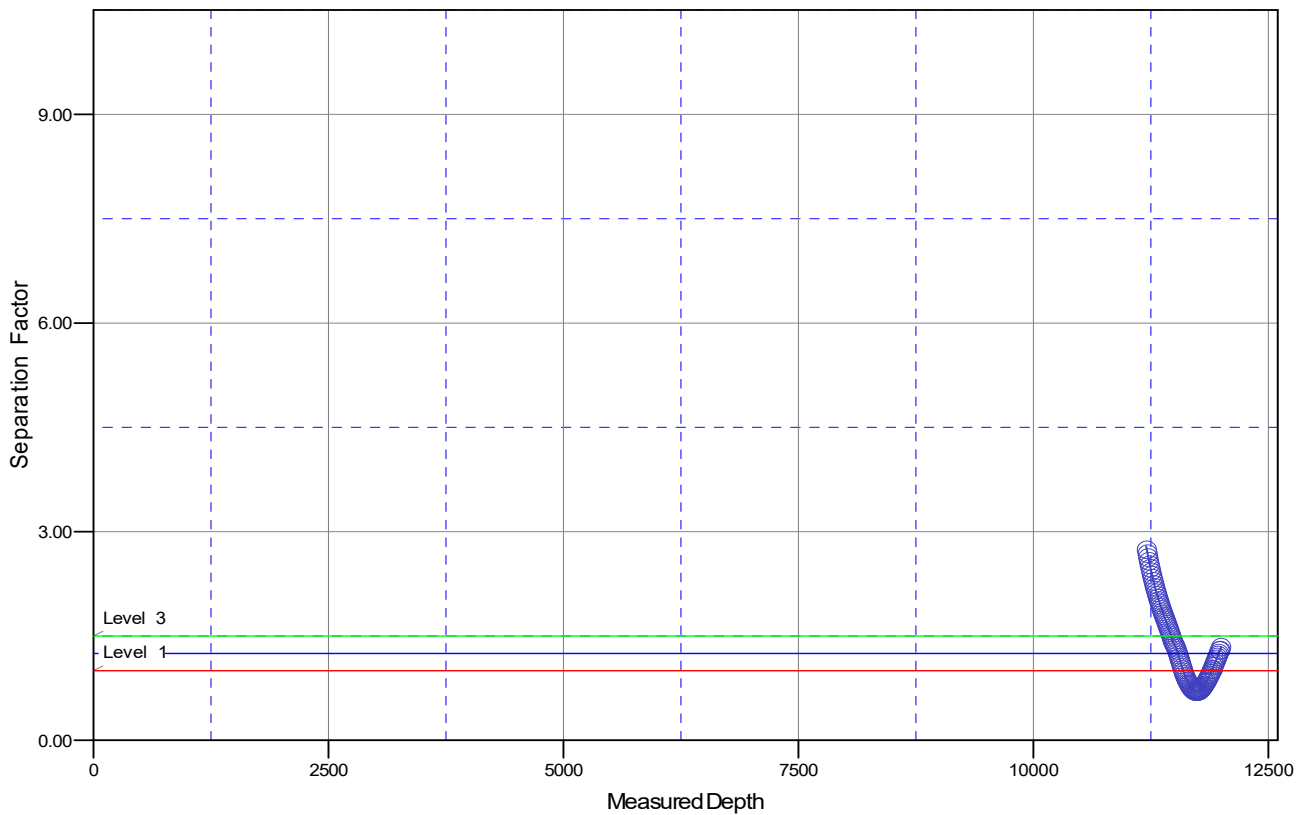
## Anticollision Report

<b>Company:</b>	CRESTONE PEAK RESOURCES	<b>Local Co-ordinate Reference:</b>	Well GRIMM MOTOCROSS 4-65 23 2A3AUH
<b>Project:</b>	ARAPAHOE COUNTY	<b>TVD Reference:</b>	KB 25' @ 5825.00usft
<b>Reference Site:</b>	SEC 26-T4S-R65W	<b>MD Reference:</b>	KB 25' @ 5825.00usft
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GRIMM MOTOCROSS 4-65 23 2A3AUH	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.00 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	OWB	<b>Database:</b>	EDM
<b>Reference Design:</b>	PROPOSAL 1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB 25' @ 5825.00usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 105.500000°W

Coordinates are relative to: GRIMM MOTOCROSS 4-65 23 2A3AUH  
 Coordinate System is US State Plane 1983, Colorado Central Zone  
 Grid Convergence at Surface is: 0.54°

### Separation Factor Plot



### LEGEND

GRIMM MOTOCROSS 4-65 23 1B2BUH OWB, PROPOSAL 1V0