



CRESTONE PEAK
RESOURCES

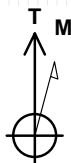
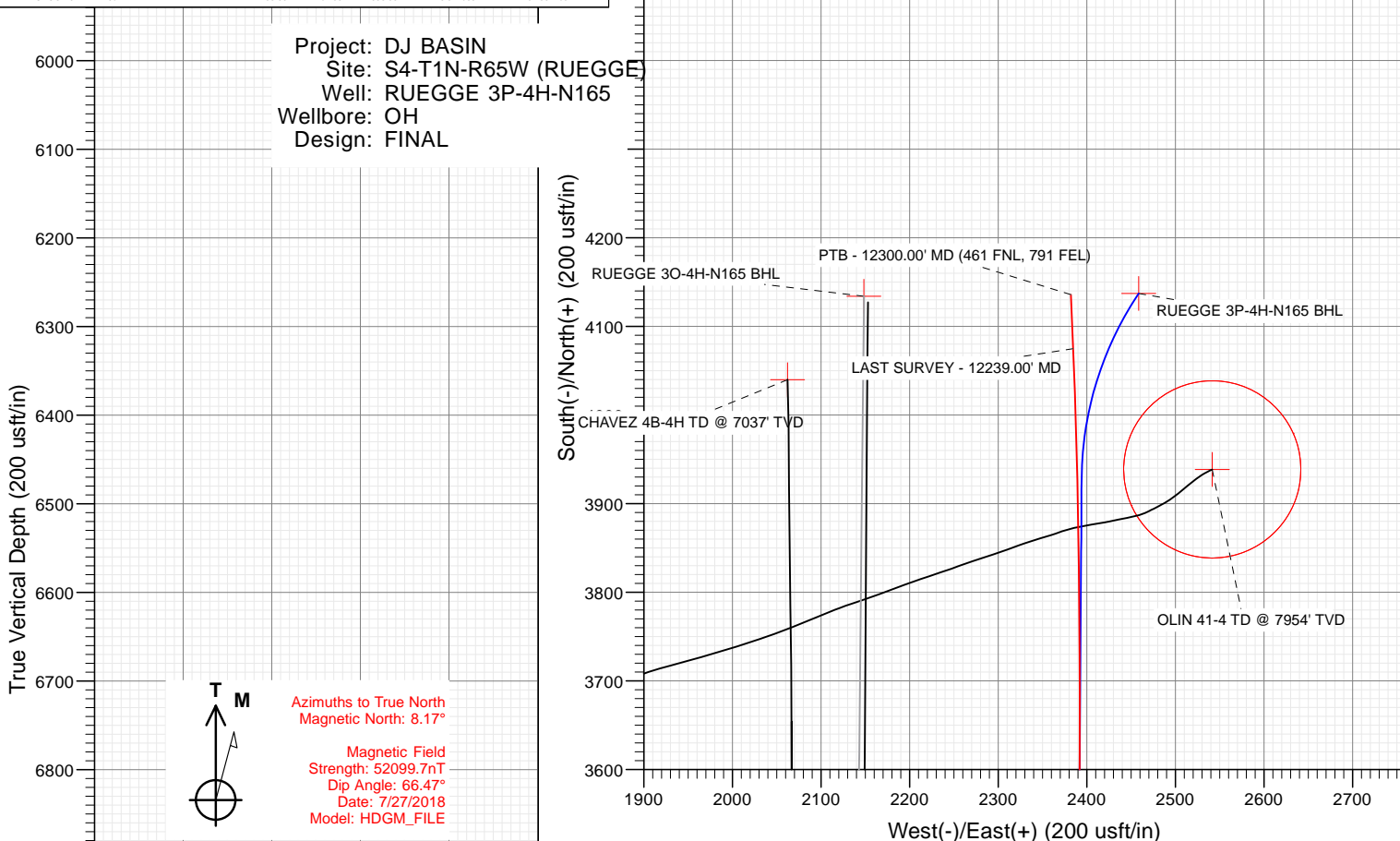
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	150.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	
3	1256.26	22.13	114.95	1228.97	-88.97	191.28	2.00	114.95	-84.78	
4	6758.82	22.13	114.95	6326.34	-963.03	2070.38	0.00	0.00	-917.64	
5	7996.19	90.00	0.44	7103.00	-257.83	2363.06	8.00	-112.90	-206.22	RUEGGE 3P-4H-N165 TPZ
6	9745.58	90.00	0.44	7103.00	1491.51	2376.35	0.00	0.00	1543.00	RUEGGE 3P 1543' VS
7	9768.11	90.45	0.44	7102.91	1514.04	2376.52	2.00	0.00	1565.52	
8	11028.75	90.45	0.44	7093.00	2774.60	2386.10	0.00	0.00	2826.00	RUEGGE 3P 2826' VS
9	11045.17	90.12	0.41	7092.92	2791.02	2386.22	2.00	-174.80	2842.41	
10	12181.98	90.12	0.41	7090.47	3927.80	2394.26	0.00	0.00	3979.10	
11	12404.28	90.11	33.75	7090.00	4137.31	2458.63	15.00	89.99	4189.96	RUEGGE 3P-4H-N165 BHL

FINAL
RUEGGE 3P-4H-N165
361137 185124 400337 185213
23 KB @ 4938.00usft
Ground Level @ 4915.00
North American Datum 1983
Well RUEGGE 3P-4H-N165 - Slot RUEGGE 3P-4H-N165 SHL True North

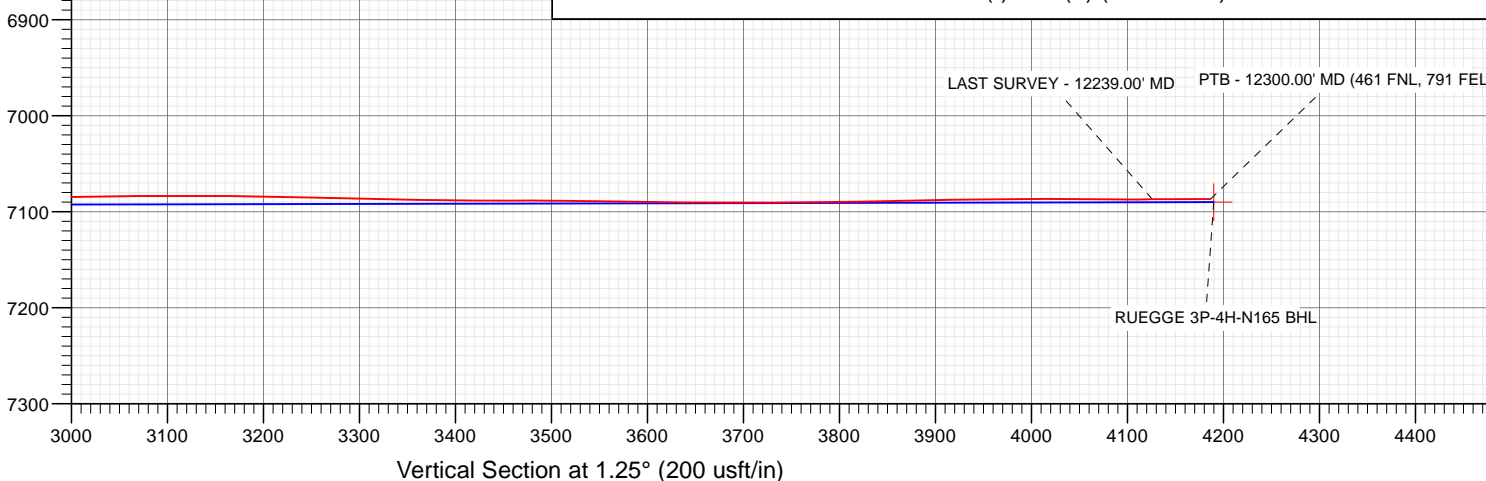
Name	Type	User	Target	No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From	TVD
RUEGGE 3P-4H-N165 BHL					1.25			0.00	0.00	0.00	0.00
RUEGGE 3P 2826 VS											
RUEGGE 3P 1543 VS											
RUEGGE 3P-4H-N165 TPZ											

Project: DJ BASIN
Site: S4-T1N-R65W (RUEGGE)
Well: RUEGGE 3P-4H-N165
Wellbore: OH
Design: FINAL



Azimuths to True North
Magnetic North: 8.17°

Magnetic Field
Strength: 52099.7nT
Dip Angle: 66.47°
Date: 7/27/2018
Model: HDGM_FILE



WELL DETAILS: RUEGGE 3P-4H-N165

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1271353.99	3232100.37	40.075277	-104.670597

CATHEDRAL



Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3P-4H-N165 - Slot RUEGGE 3P-4
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3P-4H-N165	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Project	DJ BASIN		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		S4-T1N-R65W (RUEGGE)			
Site Position:		Northing:	1,271,333.68 usft	Latitude:	40.075225
From:	Map	Easting:	3,231,971.96 usft	Longitude:	-104.671056
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.54 °

Well		RUEGGE 3P-4H-N165 - Slot RUEGGE 3P-4H-N165 SHL				
Well Position	+N/-S	0.00 usft	Northing:	1,271,353.99 usft	Latitude:	40.075277
	+E/-W	0.00 usft	Easting:	3,232,100.37 usft	Longitude:	-104.670597
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,915.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	7/27/2018	8.17	66.47	52,099.70000000

Design	FINAL				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	1.25	

Survey Program	Date	7/23/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
109.00	2,474.00	Survey #1 (OH)	VESSI_GYROFLEX	VESSI Gyroflex Gyro	
2,558.00	12,300.00	Survey #2 (OH)	MWD+HDGM	OWSG MWD + HDGM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
10.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	
109.00	0.89	33.50	109.00	0.64	0.42	0.65	0.90	0.90	
170.00	1.26	99.19	169.99	0.93	1.35	0.96	1.98	0.61	
201.00	1.42	106.14	200.98	0.77	2.05	0.81	0.73	0.52	
292.00	2.58	135.24	291.92	-1.00	4.58	-0.90	1.66	1.27	
383.00	4.41	131.28	382.75	-4.76	8.65	-4.57	2.03	2.01	
475.00	6.82	126.62	474.30	-10.36	15.69	-10.01	2.66	2.62	
534.00	8.19	123.40	532.80	-14.76	22.01	-14.28	2.43	2.32	
620.00	8.90	121.62	617.84	-21.62	32.79	-20.90	0.88	0.83	
701.00	9.98	124.03	697.74	-28.83	43.95	-27.87	1.42	1.33	
785.00	11.88	118.03	780.22	-36.97	57.61	-35.70	2.63	2.26	
891.00	15.40	114.93	883.21	-48.03	80.01	-46.28	3.39	3.32	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3P-4H-N165 - Slot RUEGGE 3P-4
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3P-4H-N165	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
951.00	17.02	111.53	940.83	-54.61	95.41	-52.52	3.13	2.70	
1,033.00	17.56	109.97	1,019.12	-63.24	118.20	-60.65	0.87	0.66	
1,115.00	18.16	107.40	1,097.17	-71.29	142.02	-68.17	1.21	0.73	
1,199.00	20.04	109.74	1,176.55	-80.07	168.06	-76.38	2.42	2.24	
1,281.00	22.11	111.87	1,253.06	-90.56	195.61	-86.27	2.69	2.52	
1,363.00	22.88	111.76	1,328.82	-102.22	224.73	-97.29	0.94	0.94	
1,446.00	21.57	107.94	1,405.65	-112.90	254.24	-107.33	2.35	-1.58	
1,529.00	22.02	105.92	1,482.72	-121.87	283.72	-115.65	1.05	0.54	
1,612.00	24.10	110.98	1,559.09	-132.21	314.51	-125.31	3.46	2.51	
1,697.00	24.87	116.78	1,636.46	-146.48	346.67	-138.88	2.97	0.91	
1,780.00	25.85	116.66	1,711.46	-162.46	378.43	-154.16	1.18	1.18	
1,861.00	26.17	117.33	1,784.26	-178.58	410.08	-169.59	0.54	0.40	
1,942.00	24.76	117.66	1,857.39	-194.66	440.97	-184.99	1.75	-1.74	
2,032.00	24.35	117.83	1,939.25	-212.07	474.07	-201.68	0.46	-0.46	
2,121.00	22.11	114.92	2,021.03	-227.69	505.49	-216.61	2.83	-2.52	
2,211.00	20.39	114.54	2,104.91	-241.34	535.12	-229.61	1.92	-1.91	
2,300.00	20.22	111.72	2,188.38	-253.48	563.51	-241.12	1.12	-0.19	
2,390.00	19.47	108.61	2,273.03	-264.02	592.17	-251.04	1.44	-0.83	
2,474.00	19.56	107.35	2,352.21	-272.68	618.86	-259.11	0.51	0.11	
2,558.00	19.03	106.33	2,431.49	-280.72	645.43	-266.58	0.75	-0.63	
2,653.00	20.44	117.23	2,520.94	-292.67	675.05	-277.88	4.14	1.48	
2,748.00	20.35	121.01	2,609.99	-308.77	703.96	-293.34	1.39	-0.09	
2,853.00	21.97	123.39	2,707.91	-328.99	736.01	-312.86	1.75	1.54	
2,948.00	23.34	122.59	2,795.58	-348.91	766.70	-332.10	1.48	1.44	
3,042.00	25.01	120.40	2,881.33	-368.99	799.53	-351.46	2.02	1.78	
3,137.00	23.51	119.34	2,967.94	-388.44	833.38	-370.17	1.64	-1.58	
3,231.00	21.80	119.08	3,054.68	-406.11	864.98	-387.15	1.82	-1.82	
3,326.00	23.60	118.90	3,142.32	-423.88	897.04	-404.21	1.90	1.89	
3,420.00	24.92	116.00	3,228.02	-441.66	931.32	-421.23	1.89	1.40	
3,515.00	22.46	115.04	3,315.01	-458.11	965.75	-436.94	2.62	-2.59	
3,609.00	20.00	113.81	3,402.62	-472.20	996.73	-450.35	2.66	-2.62	
3,704.00	20.48	110.47	3,491.76	-484.57	1,027.17	-462.05	1.32	0.51	
3,799.00	20.92	111.08	3,580.63	-496.49	1,058.56	-473.28	0.52	0.46	
3,894.00	22.72	110.55	3,668.82	-509.03	1,091.57	-485.09	1.91	1.89	
3,989.00	23.60	110.47	3,756.16	-522.12	1,126.57	-497.42	0.93	0.93	
4,083.00	20.48	107.21	3,843.28	-533.57	1,159.91	-508.14	3.56	-3.32	
4,178.00	20.87	113.54	3,932.18	-545.24	1,191.30	-519.13	2.39	0.41	
4,272.00	21.75	118.38	4,019.76	-560.21	1,221.98	-533.42	2.09	0.94	
4,367.00	24.17	118.29	4,107.22	-577.80	1,254.60	-550.29	2.55	2.55	
4,462.00	23.77	117.41	4,194.03	-595.83	1,288.72	-567.57	0.56	-0.42	
4,556.00	23.07	118.20	4,280.29	-613.25	1,321.77	-584.27	0.82	-0.74	
4,651.00	19.38	115.39	4,368.83	-628.81	1,352.42	-599.16	4.03	-3.88	
4,746.00	19.60	117.85	4,458.39	-643.02	1,380.75	-612.74	0.89	0.23	
4,840.00	20.96	118.29	4,546.56	-658.35	1,409.50	-627.45	1.46	1.45	
4,936.00	22.28	120.31	4,635.80	-675.67	1,440.33	-644.09	1.58	1.37	
5,030.00	25.31	123.30	4,721.80	-695.70	1,472.52	-663.41	3.47	3.22	
5,125.00	26.02	116.97	4,807.45	-716.31	1,508.07	-683.24	2.98	0.75	
5,218.00	21.40	114.86	4,892.58	-732.70	1,541.66	-698.89	5.05	-4.97	
5,313.00	20.87	110.73	4,981.19	-745.98	1,573.21	-711.48	1.66	-0.56	
5,407.00	20.65	111.17	5,069.09	-757.89	1,604.33	-722.71	0.29	-0.23	
5,502.00	21.80	110.11	5,157.64	-770.00	1,636.52	-734.12	1.28	1.21	
5,597.00	23.73	110.90	5,245.24	-782.89	1,670.94	-746.25	2.06	2.03	
5,692.00	24.96	115.04	5,331.80	-798.19	1,706.96	-760.77	2.21	1.29	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3P-4H-N165 - Slot RUEGGE 3P-4
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3P-4H-N165	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
5,786.00	20.17	111.34	5,418.58	-812.50	1,740.05	-774.34	5.31	-5.10	
5,881.00	20.87	109.41	5,507.55	-824.08	1,771.27	-785.24	1.02	0.74	
5,976.00	20.96	109.23	5,596.29	-835.30	1,803.27	-795.76	0.12	0.09	
6,071.00	19.25	115.21	5,685.51	-847.57	1,833.49	-807.37	2.81	-1.80	
6,166.00	19.20	117.76	5,775.21	-861.51	1,861.48	-820.70	0.89	-0.05	
6,261.00	20.65	119.61	5,864.52	-877.07	1,889.87	-835.63	1.66	1.53	
6,356.00	23.16	121.63	5,952.66	-895.15	1,920.34	-853.04	2.76	2.64	
6,450.00	23.64	128.22	6,038.94	-916.50	1,950.90	-873.73	2.83	0.51	
6,545.00	23.60	114.60	6,126.05	-936.22	1,983.17	-892.73	5.73	-0.04	
6,640.00	24.17	110.82	6,212.92	-951.05	2,018.65	-906.79	1.72	0.60	
6,734.00	21.09	97.37	6,299.73	-960.07	2,053.44	-915.04	6.39	-3.28	
6,829.00	25.88	75.92	6,386.99	-957.21	2,090.59	-911.37	10.24	5.04	
6,924.00	28.61	58.08	6,471.59	-940.11	2,130.08	-893.41	9.03	2.87	
7,019.00	31.95	43.14	6,553.73	-909.69	2,166.63	-862.20	8.65	3.52	
7,113.00	30.94	31.63	6,634.00	-870.93	2,196.34	-822.81	6.47	-1.07	
7,208.00	34.41	24.42	6,713.99	-825.66	2,220.26	-777.03	5.48	3.65	
7,302.00	44.60	26.44	6,786.42	-771.78	2,246.01	-722.60	10.93	10.84	
7,397.00	53.88	28.11	6,848.38	-707.93	2,279.01	-658.05	9.86	9.77	
7,491.00	62.36	24.77	6,897.99	-636.49	2,314.41	-585.85	9.51	9.02	
7,586.00	67.19	18.44	6,938.50	-556.64	2,345.94	-505.33	7.88	5.08	
7,680.00	75.19	7.46	6,968.87	-470.10	2,365.63	-418.39	13.94	8.51	
7,775.00	78.09	0.07	6,990.84	-377.95	2,371.66	-326.13	8.16	3.05	
7,869.00	76.60	0.16	7,011.44	-286.24	2,371.84	-234.43	1.59	-1.59	
7,898.19	76.82	0.43	7,018.15	-257.83	2,371.99	-206.02	1.18	0.77	TPZ - 7898.19 (460 FSL, 756 FEL)
7,965.00	77.34	1.04	7,033.08	-192.72	2,372.82	-140.91	1.18	0.77	
8,059.00	81.74	2.10	7,050.14	-100.34	2,375.36	-48.50	4.81	4.68	
8,153.00	81.04	2.36	7,064.22	-7.47	2,378.97	44.43	0.79	-0.74	
8,248.00	84.42	0.51	7,076.24	86.72	2,381.33	138.65	4.05	3.56	
8,343.00	85.52	358.05	7,084.57	181.34	2,380.14	233.22	2.83	1.16	
8,437.00	85.12	358.32	7,092.24	274.98	2,377.17	326.77	0.51	-0.43	
8,532.00	88.51	358.93	7,097.51	369.79	2,374.90	421.51	3.63	3.57	
8,627.00	88.51	358.40	7,099.99	464.73	2,372.68	516.38	0.56	0.00	
8,722.00	90.84	359.02	7,100.52	559.70	2,370.54	611.28	2.54	2.45	
8,816.00	91.93	359.81	7,098.25	653.66	2,369.58	705.20	1.43	1.16	
8,910.00	90.44	359.64	7,096.31	747.64	2,369.13	799.14	1.60	-1.59	
9,005.00	89.96	359.46	7,095.98	842.64	2,368.39	894.10	0.54	-0.51	
9,100.00	90.53	359.46	7,095.57	937.63	2,367.49	989.05	0.60	0.60	
9,195.00	90.75	359.28	7,094.51	1,032.62	2,366.45	1,084.00	0.30	0.23	
9,289.00	88.99	358.93	7,094.72	1,126.60	2,364.98	1,177.93	1.91	-1.87	
9,384.00	88.90	358.76	7,096.47	1,221.57	2,363.06	1,272.83	0.20	-0.09	
9,479.00	89.78	358.58	7,097.57	1,316.53	2,360.86	1,367.72	0.95	0.93	
9,573.00	90.31	0.69	7,097.49	1,410.53	2,360.26	1,461.68	2.31	0.56	
9,668.00	90.84	359.99	7,096.54	1,505.52	2,360.82	1,556.66	0.92	0.56	
9,763.00	90.13	2.01	7,095.73	1,600.50	2,362.48	1,651.65	2.25	-0.75	
9,857.00	90.84	1.74	7,094.94	1,694.44	2,365.56	1,745.64	0.81	0.76	
9,952.00	92.11	1.04	7,092.49	1,789.38	2,367.86	1,840.61	1.53	1.34	
10,046.00	89.96	1.39	7,090.80	1,883.34	2,369.85	1,934.59	2.32	-2.29	
10,141.00	90.53	1.04	7,090.39	1,978.32	2,371.87	2,029.59	0.70	0.60	
10,235.00	87.19	1.39	7,092.26	2,072.26	2,373.86	2,123.55	3.57	-3.55	
10,330.00	86.79	0.16	7,097.25	2,167.12	2,375.14	2,218.42	1.36	-0.42	
10,424.00	89.08	2.36	7,100.63	2,261.02	2,377.21	2,312.34	3.38	2.44	
10,519.00	88.90	1.39	7,102.31	2,355.96	2,380.32	2,407.32	1.04	-0.19	
10,614.00	92.51	3.50	7,101.14	2,450.84	2,384.37	2,502.27	4.40	3.80	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well RUEGGE 3P-4H-N165 - Slot RUEGGE 3P-4
Project:	DJ BASIN	TVD Reference:	23' KB @ 4938.00usft
Site:	S4-T1N-R65W (RUEGGE)	MD Reference:	23' KB @ 4938.00usft
Well:	RUEGGE 3P-4H-N165	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
10,708.00	93.74	2.71	7,096.02	2,544.56	2,389.45	2,596.08	1.55	1.31	
10,804.00	92.33	2.01	7,090.93	2,640.34	2,393.40	2,691.93	1.64	-1.47	
10,898.00	90.79	1.13	7,088.37	2,734.27	2,395.98	2,785.89	1.89	-1.64	
10,993.00	91.63	1.22	7,086.37	2,829.23	2,397.92	2,880.87	0.89	0.88	
11,088.00	90.26	0.43	7,084.80	2,924.20	2,399.29	2,975.85	1.66	-1.44	
11,182.00	91.10	0.34	7,083.69	3,018.19	2,399.92	3,069.83	0.90	0.89	
11,277.00	88.95	358.76	7,083.64	3,113.18	2,399.18	3,164.78	2.81	-2.26	
11,372.00	88.73	358.05	7,085.57	3,208.12	2,396.53	3,259.64	0.78	-0.23	
11,466.00	88.86	358.84	7,087.54	3,302.07	2,393.98	3,353.51	0.85	0.14	
11,561.00	90.18	358.58	7,088.34	3,397.04	2,391.84	3,448.41	1.42	1.39	
11,656.00	88.90	0.60	7,089.10	3,492.03	2,391.16	3,543.36	2.52	-1.35	
11,750.00	89.56	0.34	7,090.37	3,586.01	2,391.93	3,637.34	0.75	0.70	
11,844.00	90.35	359.81	7,090.44	3,680.01	2,392.06	3,731.32	1.01	0.84	
11,938.00	90.75	359.72	7,089.54	3,774.01	2,391.67	3,825.28	0.44	0.43	
12,033.00	91.67	358.93	7,087.53	3,868.98	2,390.55	3,920.21	1.28	0.97	
12,128.00	89.34	358.58	7,086.69	3,963.94	2,388.49	4,015.11	2.48	-2.45	
12,223.00	90.04	357.70	7,087.21	4,058.89	2,385.41	4,109.96	1.18	0.74	
12,239.00	90.22	357.44	7,087.17	4,074.88	2,384.73	4,125.93	1.98	1.12	LAST SURVEY - 12239.00' MD
12,300.00	90.22	357.44	7,086.94	4,135.82	2,382.00	4,186.79	0.00	0.00	PTB - 12300.00' MD (461 FNL, 791 FEL)

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RUEGGE 3P-4H-N165 E - hit/miss target - Shape	0.00	0.00	7,090.00	4,137.31	2,458.63	1,275,514.12	3,234,520.19	40.086635	-104.661810
- actual wellpath misses target center by 76.68usft at 12298.06usft MD (7086.95 TVD, 4133.88 N, 2382.09 E)									
- Point									
RUEGGE 3P 1543' VS - actual wellpath misses target center by 16.75usft at 9654.02usft MD (7096.73 TVD, 1491.54 N, 2360.81 E)	0.00	0.00	7,103.00	1,491.51	2,376.35	1,272,867.67	3,234,462.66	40.079372	-104.662105
- Point									
RUEGGE 3P-4H-N165 T - actual wellpath misses target center by 83.14usft at 7917.05usft MD (7022.42 TVD, -239.47 N, 2372.15 E)	0.00	0.00	7,103.00	-257.83	2,363.06	1,271,118.27	3,234,465.74	40.074569	-104.662153
- Point									
RUEGGE 3P 2826' VS - actual wellpath misses target center by 11.93usft at 10938.02usft MD (7087.70 TVD, 2774.27 N, 2396.78 E)	0.00	0.00	7,093.00	2,774.60	2,386.10	1,274,150.79	3,234,460.41	40.082894	-104.662070
- Point									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
7,898.19	7,018.15	-257.83	2,371.99	TPZ - 7898.19 (460 FSL, 756 FEL)
12,239.00	7,087.17	4,074.88	2,384.73	LAST SURVEY - 12239.00' MD
12,300.00	7,086.94	4,135.82	2,382.00	PTB - 12300.00' MD (461 FNL, 791 FEL)

Checked By: _____ Approved By: _____ Date: _____