



**CRESTONE PEAK**  
RESOURCES

# SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	667.77	9.36	36.39	665.70	30.67	22.61	2.00	36.39	-29.25	
4	6592.56	9.36	36.39	6511.68	805.98	594.02	0.00	0.00	-768.52	
5	7806.46	90.00	176.00	7312.00	102.98	728.83	8.00	139.23	-58.65	DREAM WEAVER South 3K-21H-N268 TPZ
6	10306.46	90.00	176.00	7312.00	-2390.93	903.22	0.00	0.00	2441.24	
7	10458.16	90.00	179.03	7312.00	-2542.46	909.79	2.00	90.00	2592.90	
8	16978.63	90.00	179.03	7312.00	-9062.01	1019.73	0.00	0.00	9107.13	
9	19075.24	90.00	200.00	7312.00	-11118.24	675.01	1.00	90.00	11138.72	DREAM WEAVER South 3K-21H-N268 BHL

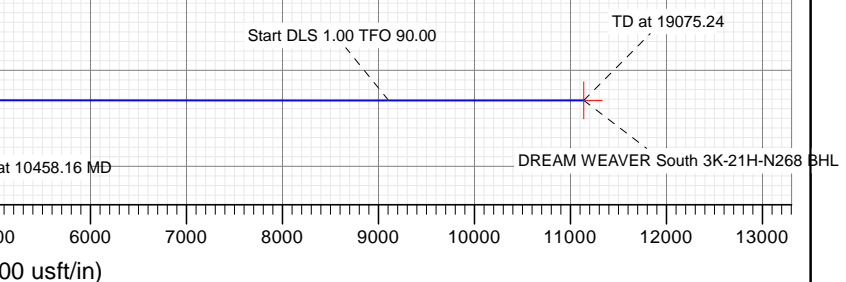
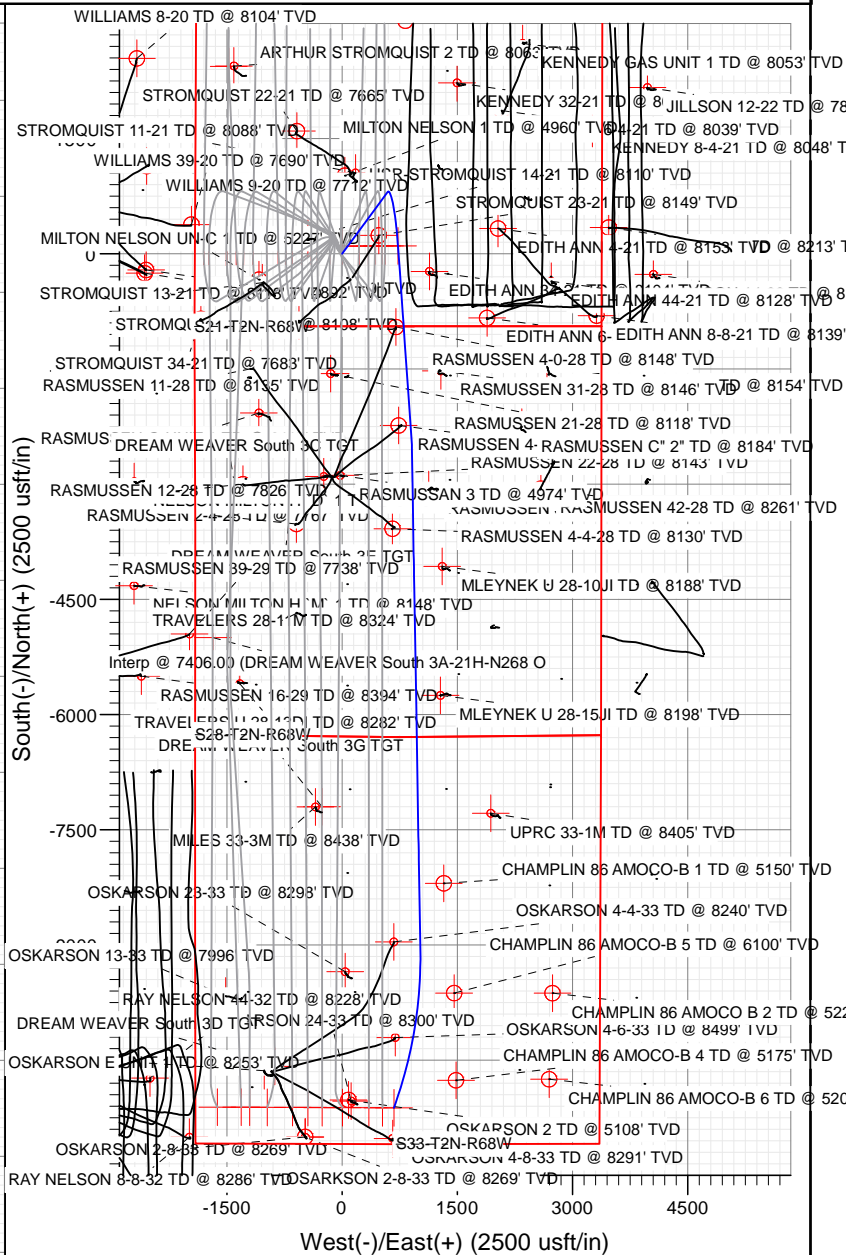
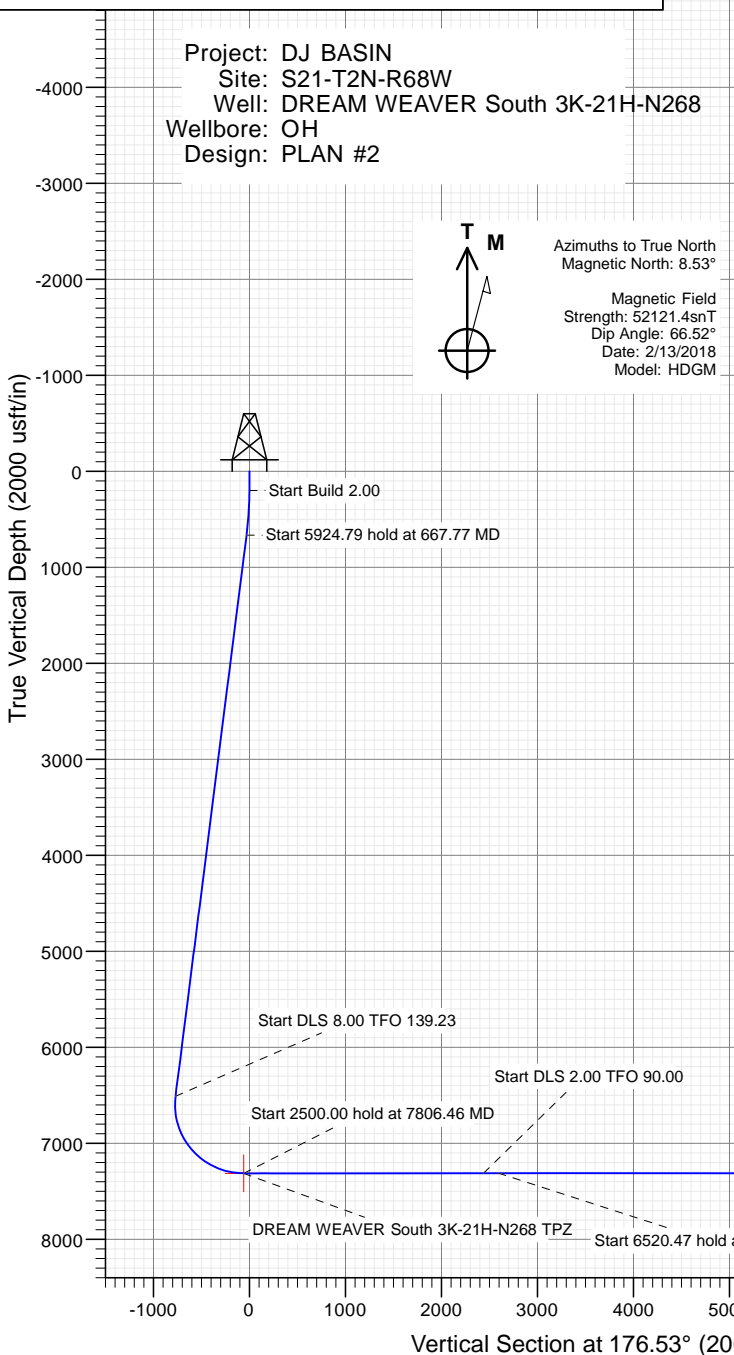
PLAN #2  
DREAM WEAVER South 3K-21H-N268  
23 KB @ 4924.00usft  
Ground Level @ 4901.00  
North American Datum 1983  
Well DREAM WEAVER South 3K-21H-N268 SHL, True North

Type	Target	Azimuth	Origin	Type	N/S	E/W	From	TVD
TD	No Target (Freehand)	176.53	Slot	0.00	0.00	0.00	0.00	0.00

Name  
DREAM WEAVER South 3K-21H-N268 BHL  
DREAM WEAVER South 3K-21H-N268 TPZ

TVD	+N/-S	+E/-W	Latitude	Longitude
7312.00	-11118.24	675.01	40.119473	-105.010872

Project: DJ BASIN  
Site: S21-T2N-R68W  
Well: DREAM WEAVER South 3K-21H-N268  
Wellbore: OH  
Design: PLAN #2



## WELL DETAILS: DREAM WEAVER South 3K-21H-N268

4901.00  
+N/-S 0.00 +E/-W 0.00 Northing 1286745.39 Easting 3136790.33 Latitude 40.119473 Longitude -105.010872

**CATHEDRAL**



# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well DREAM WEAVER South 3K-21H-N268 - SI
<b>Company:</b>	Crestone Peak Resources	<b>TVD Reference:</b>	23' KB @ 4924.00usft
<b>Project:</b>	DJ BASIN	<b>MD Reference:</b>	23' KB @ 4924.00usft
<b>Site:</b>	S21-T2N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	DREAM WEAVER South 3K-21H-N268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PLAN #2		

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

Site		S21-T2N-R68W			
Site Position:		Northing:	1,286,960.17 usft	Latitude:	40.120065
From:	Lat/Long	Easting:	3,136,653.11 usft	Longitude:	-105.011358
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.32 °

Well	DREAM WEAVER South 3K-21H-N268 - Slot DREAM WEAVER South 3K-21H-N268 SHL					
Well Position	+N/-S	0.00 usft	Northing:	1,286,745.39 usft	Latitude:	40.119473
	+E/-W	0.00 usft	Easting:	3,136,790.33 usft	Longitude:	-105.010872
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	4,901.00 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM	2/13/2018	8.53	66.52	52,121.40000000

<b>Design</b>	PLAN #2				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	-1.00	
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	176.53	

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
667.77	9.36	36.39	665.70	30.67	22.61	2.00	2.00	0.00	36.39	
6,592.56	9.36	36.39	6,511.68	805.98	594.02	0.00	0.00	0.00	0.00	
7,806.46	90.00	176.00	7,312.00	102.98	728.83	8.00	6.64	11.50	139.23	DREAM WEAVER So
10,306.46	90.00	176.00	7,312.00	-2,390.93	903.22	0.00	0.00	0.00	0.00	
10,458.16	90.00	179.03	7,312.00	-2,542.46	909.79	2.00	0.00	2.00	90.00	
16,978.63	90.00	179.03	7,312.00	-9,062.01	1,019.73	0.00	0.00	0.00	0.00	
19,075.24	90.00	200.00	7,312.00	-11,118.24	675.01	1.00	0.00	1.00	90.00	DREAM WEAVER So

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well DREAM WEAVER South 3K-21H-N268 - SI
<b>Company:</b>	Crestone Peak Resources	<b>TVD Reference:</b>	23' KB @ 4924.00usft
<b>Project:</b>	DJ BASIN	<b>MD Reference:</b>	23' KB @ 4924.00usft
<b>Site:</b>	S21-T2N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	DREAM WEAVER South 3K-21H-N268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PLAN #2		

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
300.00	2.00	36.39	299.98	1.40	1.04	-1.34	2.00	2.00	
400.00	4.00	36.39	399.84	5.62	4.14	-5.36	2.00	2.00	
500.00	6.00	36.39	499.45	12.63	9.31	-12.05	2.00	2.00	
600.00	8.00	36.39	598.70	22.44	16.54	-21.40	2.00	2.00	
667.77	9.36	36.39	665.70	30.67	22.61	-29.25	2.00	2.00	
700.00	9.36	36.39	697.50	34.89	25.72	-33.27	0.00	0.00	
800.00	9.36	36.39	796.17	47.98	35.36	-45.75	0.00	0.00	
900.00	9.36	36.39	894.84	61.06	45.00	-58.22	0.00	0.00	
1,000.00	9.36	36.39	993.51	74.15	54.65	-70.70	0.00	0.00	
1,100.00	9.36	36.39	1,092.18	87.23	64.29	-83.18	0.00	0.00	
1,200.00	9.36	36.39	1,190.84	100.32	73.94	-95.66	0.00	0.00	
1,300.00	9.36	36.39	1,289.51	113.41	83.58	-108.14	0.00	0.00	
1,400.00	9.36	36.39	1,388.18	126.49	93.23	-120.61	0.00	0.00	
1,500.00	9.36	36.39	1,486.85	139.58	102.87	-133.09	0.00	0.00	
1,600.00	9.36	36.39	1,585.52	152.66	112.52	-145.57	0.00	0.00	
1,700.00	9.36	36.39	1,684.19	165.75	122.16	-158.05	0.00	0.00	
1,800.00	9.36	36.39	1,782.86	178.83	131.80	-170.52	0.00	0.00	
1,900.00	9.36	36.39	1,881.53	191.92	141.45	-183.00	0.00	0.00	
2,000.00	9.36	36.39	1,980.20	205.01	151.09	-195.48	0.00	0.00	
2,100.00	9.36	36.39	2,078.87	218.09	160.74	-207.96	0.00	0.00	
2,200.00	9.36	36.39	2,177.54	231.18	170.38	-220.43	0.00	0.00	
2,300.00	9.36	36.39	2,276.21	244.26	180.03	-232.91	0.00	0.00	
2,400.00	9.36	36.39	2,374.88	257.35	189.67	-245.39	0.00	0.00	
2,500.00	9.36	36.39	2,473.55	270.44	199.32	-257.87	0.00	0.00	
2,600.00	9.36	36.39	2,572.22	283.52	208.96	-270.34	0.00	0.00	
2,700.00	9.36	36.39	2,670.89	296.61	218.61	-282.82	0.00	0.00	
2,800.00	9.36	36.39	2,769.56	309.69	228.25	-295.30	0.00	0.00	
2,900.00	9.36	36.39	2,868.23	322.78	237.89	-307.78	0.00	0.00	
3,000.00	9.36	36.39	2,966.90	335.86	247.54	-320.26	0.00	0.00	
3,100.00	9.36	36.39	3,065.57	348.95	257.18	-332.73	0.00	0.00	
3,200.00	9.36	36.39	3,164.24	362.04	266.83	-345.21	0.00	0.00	
3,300.00	9.36	36.39	3,262.91	375.12	276.47	-357.69	0.00	0.00	
3,400.00	9.36	36.39	3,361.58	388.21	286.12	-370.17	0.00	0.00	
3,500.00	9.36	36.39	3,460.25	401.29	295.76	-382.64	0.00	0.00	
3,600.00	9.36	36.39	3,558.92	414.38	305.41	-395.12	0.00	0.00	
3,700.00	9.36	36.39	3,657.59	427.46	315.05	-407.60	0.00	0.00	
3,800.00	9.36	36.39	3,756.26	440.55	324.69	-420.08	0.00	0.00	
3,900.00	9.36	36.39	3,854.93	453.64	334.34	-432.55	0.00	0.00	
4,000.00	9.36	36.39	3,953.60	466.72	343.98	-445.03	0.00	0.00	
4,100.00	9.36	36.39	4,052.27	479.81	353.63	-457.51	0.00	0.00	
4,200.00	9.36	36.39	4,150.94	492.89	363.27	-469.99	0.00	0.00	
4,300.00	9.36	36.39	4,249.61	505.98	372.92	-482.46	0.00	0.00	
4,400.00	9.36	36.39	4,348.28	519.06	382.56	-494.94	0.00	0.00	
4,500.00	9.36	36.39	4,446.95	532.15	392.21	-507.42	0.00	0.00	
4,600.00	9.36	36.39	4,545.62	545.24	401.85	-519.90	0.00	0.00	
4,700.00	9.36	36.39	4,644.29	558.32	411.49	-532.37	0.00	0.00	
4,800.00	9.36	36.39	4,742.96	571.41	421.14	-544.85	0.00	0.00	
4,900.00	9.36	36.39	4,841.63	584.49	430.78	-557.33	0.00	0.00	
5,000.00	9.36	36.39	4,940.30	597.58	440.43	-569.81	0.00	0.00	

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well DREAM WEAVER South 3K-21H-N268 - SI
<b>Company:</b>	Crestone Peak Resources	<b>TVD Reference:</b>	23' KB @ 4924.00usft
<b>Project:</b>	DJ BASIN	<b>MD Reference:</b>	23' KB @ 4924.00usft
<b>Site:</b>	S21-T2N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	DREAM WEAVER South 3K-21H-N268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PLAN #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
5,100.00	9.36	36.39	5,038.97	610.67	450.07	-582.29	0.00	0.00	
5,200.00	9.36	36.39	5,137.64	623.75	459.72	-594.76	0.00	0.00	
5,300.00	9.36	36.39	5,236.31	636.84	469.36	-607.24	0.00	0.00	
5,400.00	9.36	36.39	5,334.98	649.92	479.01	-619.72	0.00	0.00	
5,500.00	9.36	36.39	5,433.65	663.01	488.65	-632.20	0.00	0.00	
5,600.00	9.36	36.39	5,532.32	676.09	498.30	-644.67	0.00	0.00	
5,700.00	9.36	36.39	5,630.99	689.18	507.94	-657.15	0.00	0.00	
5,800.00	9.36	36.39	5,729.66	702.27	517.58	-669.63	0.00	0.00	
5,900.00	9.36	36.39	5,828.33	715.35	527.23	-682.11	0.00	0.00	
6,000.00	9.36	36.39	5,927.00	728.44	536.87	-694.58	0.00	0.00	
6,100.00	9.36	36.39	6,025.67	741.52	546.52	-707.06	0.00	0.00	
6,200.00	9.36	36.39	6,124.34	754.61	556.16	-719.54	0.00	0.00	
6,300.00	9.36	36.39	6,223.01	767.69	565.81	-732.02	0.00	0.00	
6,400.00	9.36	36.39	6,321.68	780.78	575.45	-744.49	0.00	0.00	
6,500.00	9.36	36.39	6,420.35	793.87	585.10	-756.97	0.00	0.00	
6,592.56	9.36	36.39	6,511.68	805.98	594.02	-768.52	0.00	0.00	
6,600.00	8.91	38.90	6,519.02	806.91	594.74	-769.41	8.00	-5.95	
6,700.00	6.27	99.71	6,618.28	812.03	605.01	-773.90	8.00	-2.64	
6,800.00	11.26	143.56	6,717.18	803.24	616.21	-764.45	8.00	4.99	
6,900.00	18.48	157.37	6,813.80	780.72	628.12	-741.25	8.00	7.23	
7,000.00	26.15	163.44	6,906.25	744.91	640.52	-704.75	8.00	7.67	
7,100.00	33.97	166.88	6,992.74	696.49	653.16	-655.66	8.00	7.82	
7,200.00	41.85	169.15	7,071.58	636.42	665.80	-594.93	8.00	7.88	
7,300.00	49.76	170.82	7,141.24	565.87	678.19	-523.76	8.00	7.91	
7,400.00	57.69	172.13	7,200.36	486.20	690.08	-443.52	8.00	7.93	
7,500.00	65.63	173.23	7,247.79	398.97	701.26	-355.77	8.00	7.94	
7,600.00	73.58	174.20	7,282.61	305.88	711.50	-262.23	8.00	7.95	
7,700.00	81.53	175.09	7,304.15	208.73	720.59	-164.71	8.00	7.95	
7,800.00	89.49	175.95	7,311.97	109.43	728.38	-65.11	8.00	7.95	
7,806.46	90.00	176.00	7,312.00	102.98	728.83	-58.65	8.00	7.95	DREAM WEAVER South 3K-21H-N268 TPZ
7,900.00	90.00	176.00	7,312.00	9.67	735.35	34.88	0.00	0.00	
8,000.00	90.00	176.00	7,312.00	-90.09	742.33	134.88	0.00	0.00	
8,100.00	90.00	176.00	7,312.00	-189.84	749.31	234.88	0.00	0.00	
8,200.00	90.00	176.00	7,312.00	-289.60	756.28	334.87	0.00	0.00	
8,300.00	90.00	176.00	7,312.00	-389.35	763.26	434.87	0.00	0.00	
8,400.00	90.00	176.00	7,312.00	-489.11	770.23	534.86	0.00	0.00	
8,500.00	90.00	176.00	7,312.00	-588.87	777.21	634.86	0.00	0.00	
8,600.00	90.00	176.00	7,312.00	-688.62	784.18	734.85	0.00	0.00	
8,700.00	90.00	176.00	7,312.00	-788.38	791.16	834.85	0.00	0.00	
8,800.00	90.00	176.00	7,312.00	-888.14	798.14	934.85	0.00	0.00	
8,900.00	90.00	176.00	7,312.00	-987.89	805.11	1,034.84	0.00	0.00	
9,000.00	90.00	176.00	7,312.00	-1,087.65	812.09	1,134.84	0.00	0.00	
9,100.00	90.00	176.00	7,312.00	-1,187.41	819.06	1,234.83	0.00	0.00	
9,200.00	90.00	176.00	7,312.00	-1,287.16	826.04	1,334.83	0.00	0.00	
9,300.00	90.00	176.00	7,312.00	-1,386.92	833.01	1,434.82	0.00	0.00	
9,400.00	90.00	176.00	7,312.00	-1,486.67	839.99	1,534.82	0.00	0.00	
9,500.00	90.00	176.00	7,312.00	-1,586.43	846.97	1,634.82	0.00	0.00	
9,600.00	90.00	176.00	7,312.00	-1,686.19	853.94	1,734.81	0.00	0.00	
9,700.00	90.00	176.00	7,312.00	-1,785.94	860.92	1,834.81	0.00	0.00	
9,800.00	90.00	176.00	7,312.00	-1,885.70	867.89	1,934.80	0.00	0.00	
9,900.00	90.00	176.00	7,312.00	-1,985.46	874.87	2,034.80	0.00	0.00	
10,000.00	90.00	176.00	7,312.00	-2,085.21	881.84	2,134.79	0.00	0.00	

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well DREAM WEAVER South 3K-21H-N268 - SI
<b>Company:</b>	Crestone Peak Resources	<b>TVD Reference:</b>	23' KB @ 4924.00usft
<b>Project:</b>	DJ BASIN	<b>MD Reference:</b>	23' KB @ 4924.00usft
<b>Site:</b>	S21-T2N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	DREAM WEAVER South 3K-21H-N268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PLAN #2		

### Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
10,100.00	90.00	176.00	7,312.00	-2,184.97	888.82	2,234.79	0.00	0.00	
10,200.00	90.00	176.00	7,312.00	-2,284.73	895.79	2,334.79	0.00	0.00	
10,300.00	90.00	176.00	7,312.00	-2,384.48	902.77	2,434.78	0.00	0.00	
10,306.46	90.00	176.00	7,312.00	-2,390.93	903.22	2,441.24	0.00	0.00	
10,400.00	90.00	177.87	7,312.00	-2,484.33	908.22	2,534.77	2.00	0.00	
10,458.16	90.00	179.03	7,312.00	-2,542.46	909.79	2,592.90	2.00	0.00	
10,500.00	90.00	179.03	7,312.00	-2,584.30	910.50	2,634.70	0.00	0.00	
10,600.00	90.00	179.03	7,312.00	-2,684.29	912.18	2,734.61	0.00	0.00	
10,700.00	90.00	179.03	7,312.00	-2,784.27	913.87	2,834.51	0.00	0.00	
10,800.00	90.00	179.03	7,312.00	-2,884.26	915.56	2,934.41	0.00	0.00	
10,900.00	90.00	179.03	7,312.00	-2,984.24	917.24	3,034.32	0.00	0.00	
11,000.00	90.00	179.03	7,312.00	-3,084.23	918.93	3,134.22	0.00	0.00	
11,100.00	90.00	179.03	7,312.00	-3,184.22	920.61	3,234.13	0.00	0.00	
11,200.00	90.00	179.03	7,312.00	-3,284.20	922.30	3,334.03	0.00	0.00	
11,300.00	90.00	179.03	7,312.00	-3,384.19	923.99	3,433.94	0.00	0.00	
11,400.00	90.00	179.03	7,312.00	-3,484.17	925.67	3,533.84	0.00	0.00	
11,500.00	90.00	179.03	7,312.00	-3,584.16	927.36	3,633.74	0.00	0.00	
11,600.00	90.00	179.03	7,312.00	-3,684.14	929.05	3,733.65	0.00	0.00	
11,700.00	90.00	179.03	7,312.00	-3,784.13	930.73	3,833.55	0.00	0.00	
11,800.00	90.00	179.03	7,312.00	-3,884.12	932.42	3,933.46	0.00	0.00	
11,900.00	90.00	179.03	7,312.00	-3,984.10	934.10	4,033.36	0.00	0.00	
12,000.00	90.00	179.03	7,312.00	-4,084.09	935.79	4,133.27	0.00	0.00	
12,100.00	90.00	179.03	7,312.00	-4,184.07	937.48	4,233.17	0.00	0.00	
12,200.00	90.00	179.03	7,312.00	-4,284.06	939.16	4,333.08	0.00	0.00	
12,300.00	90.00	179.03	7,312.00	-4,384.04	940.85	4,432.98	0.00	0.00	
12,400.00	90.00	179.03	7,312.00	-4,484.03	942.53	4,532.88	0.00	0.00	
12,500.00	90.00	179.03	7,312.00	-4,584.02	944.22	4,632.79	0.00	0.00	
12,600.00	90.00	179.03	7,312.00	-4,684.00	945.91	4,732.69	0.00	0.00	
12,700.00	90.00	179.03	7,312.00	-4,783.99	947.59	4,832.60	0.00	0.00	
12,800.00	90.00	179.03	7,312.00	-4,883.97	949.28	4,932.50	0.00	0.00	
12,900.00	90.00	179.03	7,312.00	-4,983.96	950.96	5,032.41	0.00	0.00	
13,000.00	90.00	179.03	7,312.00	-5,083.95	952.65	5,132.31	0.00	0.00	
13,100.00	90.00	179.03	7,312.00	-5,183.93	954.34	5,232.21	0.00	0.00	
13,200.00	90.00	179.03	7,312.00	-5,283.92	956.02	5,332.12	0.00	0.00	
13,300.00	90.00	179.03	7,312.00	-5,383.90	957.71	5,432.02	0.00	0.00	
13,400.00	90.00	179.03	7,312.00	-5,483.89	959.39	5,531.93	0.00	0.00	
13,500.00	90.00	179.03	7,312.00	-5,583.87	961.08	5,631.83	0.00	0.00	
13,600.00	90.00	179.03	7,312.00	-5,683.86	962.77	5,731.74	0.00	0.00	
13,700.00	90.00	179.03	7,312.00	-5,783.85	964.45	5,831.64	0.00	0.00	
13,800.00	90.00	179.03	7,312.00	-5,883.83	966.14	5,931.54	0.00	0.00	
13,900.00	90.00	179.03	7,312.00	-5,983.82	967.83	6,031.45	0.00	0.00	
14,000.00	90.00	179.03	7,312.00	-6,083.80	969.51	6,131.35	0.00	0.00	
14,100.00	90.00	179.03	7,312.00	-6,183.79	971.20	6,231.26	0.00	0.00	
14,200.00	90.00	179.03	7,312.00	-6,283.77	972.88	6,331.16	0.00	0.00	
14,300.00	90.00	179.03	7,312.00	-6,383.76	974.57	6,431.07	0.00	0.00	
14,400.00	90.00	179.03	7,312.00	-6,483.75	976.26	6,530.97	0.00	0.00	
14,500.00	90.00	179.03	7,312.00	-6,583.73	977.94	6,630.88	0.00	0.00	
14,600.00	90.00	179.03	7,312.00	-6,683.72	979.63	6,730.78	0.00	0.00	
14,700.00	90.00	179.03	7,312.00	-6,783.70	981.31	6,830.68	0.00	0.00	
14,800.00	90.00	179.03	7,312.00	-6,883.69	983.00	6,930.59	0.00	0.00	
14,900.00	90.00	179.03	7,312.00	-6,983.68	984.69	7,030.49	0.00	0.00	
15,000.00	90.00	179.03	7,312.00	-7,083.66	986.37	7,130.40	0.00	0.00	

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well DREAM WEAVER South 3K-21H-N268 - SI
<b>Company:</b>	Crestone Peak Resources	<b>TVD Reference:</b>	23' KB @ 4924.00usft
<b>Project:</b>	DJ BASIN	<b>MD Reference:</b>	23' KB @ 4924.00usft
<b>Site:</b>	S21-T2N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	DREAM WEAVER South 3K-21H-N268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PLAN #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
15,100.00	90.00	179.03	7,312.00	-7,183.65	988.06	7,230.30	0.00	0.00	
15,200.00	90.00	179.03	7,312.00	-7,283.63	989.74	7,330.21	0.00	0.00	
15,300.00	90.00	179.03	7,312.00	-7,383.62	991.43	7,430.11	0.00	0.00	
15,400.00	90.00	179.03	7,312.00	-7,483.60	993.12	7,530.01	0.00	0.00	
15,500.00	90.00	179.03	7,312.00	-7,583.59	994.80	7,629.92	0.00	0.00	
15,600.00	90.00	179.03	7,312.00	-7,683.58	996.49	7,729.82	0.00	0.00	
15,700.00	90.00	179.03	7,312.00	-7,783.56	998.18	7,829.73	0.00	0.00	
15,800.00	90.00	179.03	7,312.00	-7,883.55	999.86	7,929.63	0.00	0.00	
15,900.00	90.00	179.03	7,312.00	-7,983.53	1,001.55	8,029.54	0.00	0.00	
16,000.00	90.00	179.03	7,312.00	-8,083.52	1,003.23	8,129.44	0.00	0.00	
16,100.00	90.00	179.03	7,312.00	-8,183.50	1,004.92	8,229.34	0.00	0.00	
16,200.00	90.00	179.03	7,312.00	-8,283.49	1,006.61	8,329.25	0.00	0.00	
16,300.00	90.00	179.03	7,312.00	-8,383.48	1,008.29	8,429.15	0.00	0.00	
16,400.00	90.00	179.03	7,312.00	-8,483.46	1,009.98	8,529.06	0.00	0.00	
16,500.00	90.00	179.03	7,312.00	-8,583.45	1,011.66	8,628.96	0.00	0.00	
16,600.00	90.00	179.03	7,312.00	-8,683.43	1,013.35	8,728.87	0.00	0.00	
16,700.00	90.00	179.03	7,312.00	-8,783.42	1,015.04	8,828.77	0.00	0.00	
16,800.00	90.00	179.03	7,312.00	-8,883.40	1,016.72	8,928.68	0.00	0.00	
16,900.00	90.00	179.03	7,312.00	-8,983.39	1,018.41	9,028.58	0.00	0.00	
16,978.63	90.00	179.03	7,312.00	-9,062.01	1,019.73	9,107.13	0.00	0.00	
17,000.00	90.00	179.25	7,312.00	-9,083.38	1,020.05	9,128.48	1.00	0.00	
17,100.00	90.00	180.25	7,312.00	-9,183.37	1,020.50	9,228.32	1.00	0.00	
17,200.00	90.00	181.25	7,312.00	-9,283.37	1,019.19	9,328.05	1.00	0.00	
17,300.00	90.00	182.25	7,312.00	-9,383.32	1,016.14	9,427.63	1.00	0.00	
17,400.00	90.00	183.25	7,312.00	-9,483.20	1,011.35	9,527.04	1.00	0.00	
17,500.00	90.00	184.25	7,312.00	-9,582.99	1,004.81	9,626.25	1.00	0.00	
17,600.00	90.00	185.25	7,312.00	-9,682.64	996.53	9,725.22	1.00	0.00	
17,700.00	90.00	186.25	7,312.00	-9,782.14	986.52	9,823.93	1.00	0.00	
17,800.00	90.00	187.25	7,312.00	-9,881.44	974.77	9,922.34	1.00	0.00	
17,900.00	90.00	188.25	7,312.00	-9,980.53	961.29	10,020.43	1.00	0.00	
18,000.00	90.00	189.25	7,312.00	-10,079.37	946.08	10,118.16	1.00	0.00	
18,100.00	90.00	190.25	7,312.00	-10,177.92	929.15	10,215.51	1.00	0.00	
18,200.00	90.00	191.25	7,312.00	-10,276.16	910.50	10,312.45	1.00	0.00	
18,300.00	90.00	192.25	7,312.00	-10,374.07	890.14	10,408.94	1.00	0.00	
18,400.00	90.00	193.25	7,312.00	-10,471.60	868.08	10,504.95	1.00	0.00	
18,500.00	90.00	194.25	7,312.00	-10,568.74	844.31	10,600.47	1.00	0.00	
18,600.00	90.00	195.25	7,312.00	-10,665.44	818.86	10,695.46	1.00	0.00	
18,700.00	90.00	196.25	7,312.00	-10,761.69	791.72	10,789.88	1.00	0.00	
18,800.00	90.00	197.25	7,312.00	-10,857.44	762.90	10,883.72	1.00	0.00	
18,900.00	90.00	198.25	7,312.00	-10,952.68	732.42	10,976.94	1.00	0.00	
19,000.00	90.00	199.25	7,312.00	-11,047.38	700.28	11,069.51	1.00	0.00	
19,075.24	90.00	200.00	7,312.00	-11,118.24	675.01	11,138.72	1.00	0.00	DREAM WEAVER South 3K-21H-N268 BHL

# Cathedral Energy Services

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well DREAM WEAVER South 3K-21H-N268 - SI
<b>Company:</b>	Crestone Peak Resources	<b>TVD Reference:</b>	23' KB @ 4924.00usft
<b>Project:</b>	DJ BASIN	<b>MD Reference:</b>	23' KB @ 4924.00usft
<b>Site:</b>	S21-T2N-R68W	<b>North Reference:</b>	True
<b>Well:</b>	DREAM WEAVER South 3K-21H-N268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	PLAN #2		

Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
DREAM WEAVER South	0.00	0.00	7,312.00	-11,118.24	675.01	1,275,631.04	3,137,526.66	40.088952	-105.008459
- plan hits target center									
- Point									
DREAM WEAVER South	0.00	0.00	7,312.00	102.98	728.83	1,286,852.39	3,137,518.58	40.119756	-105.008265
- plan hits target center									
- Point									