

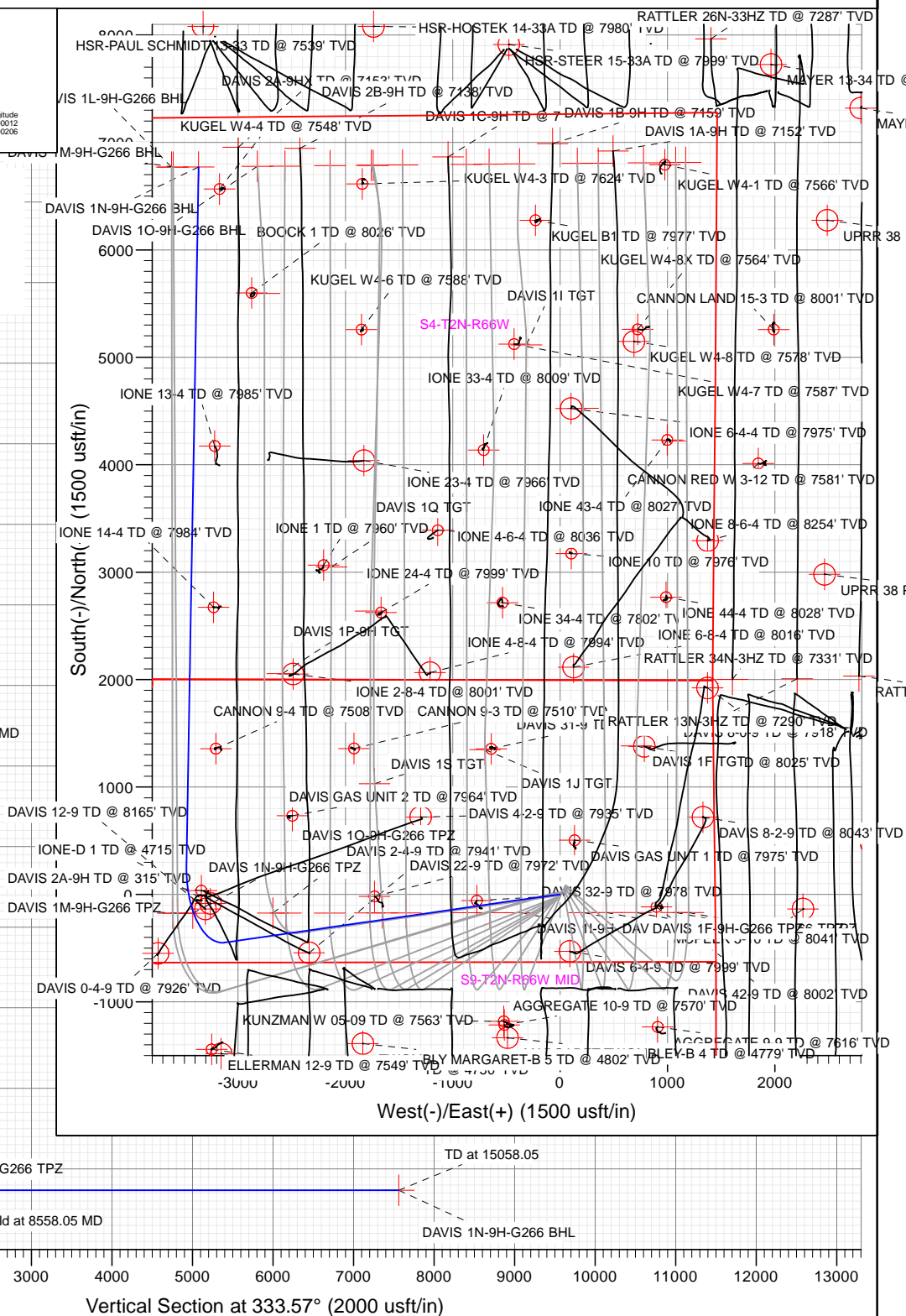


Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	450.00	5.00	265.00	449.68	-0.95	-10.86	2.00	265.00	3.98	
4	1659.83	29.19	261.78	1597.52	-48.45	-360.56	2.00	-3.84	117.13	
5	7377.01	29.19	261.78	6588.79	-447.27	-3119.95	0.00	0.00	988.42	
6	8558.05	90.00	1.00	7265.00	273.13	-3480.27	8.00	98.07	1793.91	
7	15058.05	90.00	1.00	7265.00	6772.14	-3366.83	0.00	0.00	7562.90	DAVIS 1N-9H-G266 BHL

Type TD	Target No Target (Freehand)	Azimuth 333.57	Origin Type Slot	N/S 0.00	E/W 0.00	From TVD 0.00
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	
DAVIS 1N-9H-G266 BHL	7265.00	6772.14	-3366.83	40.172934	-104.790012	
DAVIS 1N-9H-G266 TPZ	7265.00	-174.18	-3421.84	40.153866	-104.790206	

Azimuths to True North
 Magnetic North: 8.33°
 Magnetic Field
 Strength: 52282.2snT
 Dip Angle: 66.60°
 Date: 10/28/2017
 Model: HDGM

Start Build 2.00
 Start DLS 2.00 TFO -3.84
 Start 5717.18 hold at 1659.83 MD
 Start DLS 8.00 TFO 98.07
 Start 6500.00 hold at
 DAVIS 1N-9H-G2



4917.00						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	1299892.71	3201820.96	40.154345	-104.777964	DAVIS 1N-9H



Crestone Peak Resources

DJ BASIN

S4-T2N-R66W

DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H

OH

Plan: PLAN #3

Standard Planning Report

11 January, 2018

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 4940.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	North Reference:	True
Well:	DAVIS 1N-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #3		

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-T2N-R66W			
Site Position:		Northing:	1,300,048.95 usft	Latitude:	40.154783
From:	Map	Easting:	3,201,389.75 usft	Longitude:	-104.779502
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.47 °

Well	DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H					
Well Position	+N/-S	-159.73 usft	Northing:	1,299,892.71 usft	Latitude:	40.154345
	+E/-W	429.93 usft	Easting:	3,201,820.96 usft	Longitude:	-104.777964
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	4,917.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	10/28/2017	8.33	66.60	52,282.20000000

Design	PLAN #3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	333.57

Plan Sections										
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	
450.00	5.00	265.00	449.68	-0.95	-10.86	2.00	2.00	0.00	265.00	
1,659.83	29.19	261.78	1,597.52	-48.45	-360.56	2.00	2.00	-0.27	-3.84	
7,377.01	29.19	261.78	6,588.79	-447.27	-3,119.95	0.00	0.00	0.00	0.00	
8,558.05	90.00	1.00	7,265.00	273.13	-3,480.27	8.00	5.15	8.40	98.07	
15,058.05	90.00	1.00	7,265.00	6,772.14	-3,366.83	0.00	0.00	0.00	0.00	DAVIS 1N-9H-G266 E

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 4940.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	North Reference:	True
Well:	DAVIS 1N-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #3		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	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	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	2.00	265.00	299.98	-0.15	-1.74	0.64	2.00	2.00	0.00
400.00	4.00	265.00	399.84	-0.61	-6.95	2.55	2.00	2.00	0.00
450.00	5.00	265.00	449.68	-0.95	-10.86	3.98	2.00	2.00	0.00
500.00	6.00	264.36	499.45	-1.40	-15.63	5.71	2.00	2.00	-1.28
600.00	8.00	263.56	598.70	-2.69	-27.74	9.94	2.00	2.00	-0.80
700.00	9.99	263.07	697.47	-4.52	-43.27	15.22	2.00	2.00	-0.48
800.00	11.99	262.75	795.63	-6.88	-62.19	21.53	2.00	2.00	-0.32
900.00	13.99	262.52	893.06	-9.76	-84.49	28.87	2.00	2.00	-0.23
1,000.00	15.99	262.34	989.65	-13.17	-110.13	37.23	2.00	2.00	-0.18
1,100.00	17.99	262.21	1,085.28	-17.10	-139.09	46.61	2.00	2.00	-0.14
1,200.00	19.99	262.10	1,179.83	-21.55	-171.32	56.98	2.00	2.00	-0.11
1,300.00	21.99	262.01	1,273.19	-26.50	-206.80	68.33	2.00	2.00	-0.09
1,400.00	23.99	261.93	1,365.25	-31.96	-245.47	80.66	2.00	2.00	-0.08
1,500.00	25.99	261.86	1,455.88	-37.92	-287.30	93.95	2.00	2.00	-0.07
1,600.00	27.99	261.81	1,544.98	-44.36	-332.22	108.17	2.00	2.00	-0.06
1,659.83	29.19	261.78	1,597.52	-48.45	-360.56	117.13	2.00	2.00	-0.05
1,700.00	29.19	261.78	1,632.59	-51.25	-379.94	123.25	0.00	0.00	0.00
1,800.00	29.19	261.78	1,719.89	-58.23	-428.21	138.49	0.00	0.00	0.00
1,900.00	29.19	261.78	1,807.19	-65.21	-476.47	153.73	0.00	0.00	0.00
2,000.00	29.19	261.78	1,894.49	-72.18	-524.74	168.97	0.00	0.00	0.00
2,100.00	29.19	261.78	1,981.80	-79.16	-573.00	184.21	0.00	0.00	0.00
2,200.00	29.19	261.78	2,069.10	-86.13	-621.27	199.45	0.00	0.00	0.00
2,300.00	29.19	261.78	2,156.40	-93.11	-669.53	214.69	0.00	0.00	0.00
2,400.00	29.19	261.78	2,243.71	-100.08	-717.80	229.93	0.00	0.00	0.00
2,500.00	29.19	261.78	2,331.01	-107.06	-766.06	245.17	0.00	0.00	0.00
2,600.00	29.19	261.78	2,418.31	-114.04	-814.33	260.41	0.00	0.00	0.00
2,700.00	29.19	261.78	2,505.62	-121.01	-862.59	275.65	0.00	0.00	0.00
2,800.00	29.19	261.78	2,592.92	-127.99	-910.86	290.89	0.00	0.00	0.00
2,900.00	29.19	261.78	2,680.22	-134.96	-959.12	306.13	0.00	0.00	0.00
3,000.00	29.19	261.78	2,767.53	-141.94	-1,007.39	321.37	0.00	0.00	0.00
3,100.00	29.19	261.78	2,854.83	-148.92	-1,055.65	336.61	0.00	0.00	0.00
3,200.00	29.19	261.78	2,942.13	-155.89	-1,103.92	351.85	0.00	0.00	0.00
3,300.00	29.19	261.78	3,029.44	-162.87	-1,152.18	367.09	0.00	0.00	0.00
3,400.00	29.19	261.78	3,116.74	-169.84	-1,200.45	382.33	0.00	0.00	0.00
3,500.00	29.19	261.78	3,204.04	-176.82	-1,248.71	397.57	0.00	0.00	0.00
3,600.00	29.19	261.78	3,291.34	-183.80	-1,296.98	412.81	0.00	0.00	0.00
3,700.00	29.19	261.78	3,378.65	-190.77	-1,345.24	428.05	0.00	0.00	0.00
3,800.00	29.19	261.78	3,465.95	-197.75	-1,393.51	443.29	0.00	0.00	0.00
3,900.00	29.19	261.78	3,553.25	-204.72	-1,441.77	458.53	0.00	0.00	0.00
4,000.00	29.19	261.78	3,640.56	-211.70	-1,490.04	473.77	0.00	0.00	0.00
4,100.00	29.19	261.78	3,727.86	-218.67	-1,538.30	489.01	0.00	0.00	0.00
4,200.00	29.19	261.78	3,815.16	-225.65	-1,586.57	504.25	0.00	0.00	0.00
4,300.00	29.19	261.78	3,902.47	-232.63	-1,634.83	519.49	0.00	0.00	0.00
4,400.00	29.19	261.78	3,989.77	-239.60	-1,683.10	534.73	0.00	0.00	0.00
4,500.00	29.19	261.78	4,077.07	-246.58	-1,731.36	549.97	0.00	0.00	0.00
4,600.00	29.19	261.78	4,164.38	-253.55	-1,779.63	565.21	0.00	0.00	0.00
4,700.00	29.19	261.78	4,251.68	-260.53	-1,827.89	580.45	0.00	0.00	0.00
4,800.00	29.19	261.78	4,338.98	-267.51	-1,876.16	595.69	0.00	0.00	0.00
4,900.00	29.19	261.78	4,426.28	-274.48	-1,924.42	610.93	0.00	0.00	0.00
5,000.00	29.19	261.78	4,513.59	-281.46	-1,972.69	626.17	0.00	0.00	0.00
5,100.00	29.19	261.78	4,600.89	-288.43	-2,020.95	641.41	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 4940.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	North Reference:	True
Well:	DAVIS 1N-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #3		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.00	29.19	261.78	4,688.19	-295.41	-2,069.22	656.65	0.00	0.00	0.00
5,300.00	29.19	261.78	4,775.50	-302.38	-2,117.48	671.89	0.00	0.00	0.00
5,400.00	29.19	261.78	4,862.80	-309.36	-2,165.75	687.13	0.00	0.00	0.00
5,500.00	29.19	261.78	4,950.10	-316.34	-2,214.01	702.37	0.00	0.00	0.00
5,600.00	29.19	261.78	5,037.41	-323.31	-2,262.28	717.61	0.00	0.00	0.00
5,700.00	29.19	261.78	5,124.71	-330.29	-2,310.54	732.85	0.00	0.00	0.00
5,800.00	29.19	261.78	5,212.01	-337.26	-2,358.81	748.09	0.00	0.00	0.00
5,900.00	29.19	261.78	5,299.32	-344.24	-2,407.07	763.33	0.00	0.00	0.00
6,000.00	29.19	261.78	5,386.62	-351.22	-2,455.34	778.57	0.00	0.00	0.00
6,100.00	29.19	261.78	5,473.92	-358.19	-2,503.60	793.81	0.00	0.00	0.00
6,200.00	29.19	261.78	5,561.23	-365.17	-2,551.87	809.05	0.00	0.00	0.00
6,300.00	29.19	261.78	5,648.53	-372.14	-2,600.13	824.29	0.00	0.00	0.00
6,400.00	29.19	261.78	5,735.83	-379.12	-2,648.40	839.53	0.00	0.00	0.00
6,500.00	29.19	261.78	5,823.13	-386.10	-2,696.66	854.77	0.00	0.00	0.00
6,600.00	29.19	261.78	5,910.44	-393.07	-2,744.93	870.01	0.00	0.00	0.00
6,700.00	29.19	261.78	5,997.74	-400.05	-2,793.19	885.25	0.00	0.00	0.00
6,800.00	29.19	261.78	6,085.04	-407.02	-2,841.46	900.49	0.00	0.00	0.00
6,900.00	29.19	261.78	6,172.35	-414.00	-2,889.72	915.73	0.00	0.00	0.00
7,000.00	29.19	261.78	6,259.65	-420.97	-2,937.99	930.97	0.00	0.00	0.00
7,100.00	29.19	261.78	6,346.95	-427.95	-2,986.25	946.21	0.00	0.00	0.00
7,200.00	29.19	261.78	6,434.26	-434.93	-3,034.52	961.45	0.00	0.00	0.00
7,300.00	29.19	261.78	6,521.56	-441.90	-3,082.78	976.69	0.00	0.00	0.00
7,377.01	29.19	261.78	6,588.79	-447.27	-3,119.95	988.42	0.00	0.00	0.00
7,400.00	28.98	265.54	6,608.88	-448.51	-3,131.05	992.26	8.00	-0.90	16.36
7,500.00	29.32	281.99	6,696.36	-445.30	-3,179.23	1,016.58	8.00	0.34	16.45
7,600.00	31.57	297.18	6,782.70	-428.23	-3,226.55	1,052.93	8.00	2.25	15.20
7,700.00	35.36	310.00	6,866.21	-397.63	-3,272.07	1,100.60	8.00	3.79	12.82
7,800.00	40.25	320.36	6,945.28	-354.08	-3,314.91	1,158.66	8.00	4.89	10.35
7,900.00	45.89	328.69	7,018.37	-298.45	-3,354.24	1,225.99	8.00	5.64	8.33
8,000.00	52.02	335.50	7,084.05	-231.81	-3,389.30	1,301.27	8.00	6.14	6.82
8,100.00	58.49	341.24	7,141.04	-155.46	-3,419.39	1,383.03	8.00	6.47	5.74
8,143.34	61.37	343.48	7,162.76	-119.71	-3,430.75	1,420.09	8.00	6.64	5.16
DAVIS 1N-9H-G266 TPZ									
8,200.00	65.18	346.23	7,188.24	-70.88	-3,443.95	1,469.70	8.00	6.73	4.85
8,300.00	72.02	350.69	7,224.73	20.28	-3,462.47	1,559.57	8.00	6.84	4.46
8,400.00	78.95	354.82	7,249.79	116.23	-3,474.62	1,650.90	8.00	6.93	4.13
8,500.00	85.93	358.75	7,262.94	215.13	-3,480.15	1,741.92	8.00	6.99	3.94
8,558.05	90.00	1.00	7,265.00	273.13	-3,480.27	1,793.91	8.00	7.00	3.87
8,600.00	90.00	1.00	7,265.00	315.07	-3,479.54	1,831.14	0.00	0.00	0.00
8,700.00	90.00	1.00	7,265.00	415.06	-3,477.79	1,919.89	0.00	0.00	0.00
8,800.00	90.00	1.00	7,265.00	515.04	-3,476.05	2,008.65	0.00	0.00	0.00
8,900.00	90.00	1.00	7,265.00	615.03	-3,474.30	2,097.40	0.00	0.00	0.00
9,000.00	90.00	1.00	7,265.00	715.01	-3,472.56	2,186.15	0.00	0.00	0.00
9,100.00	90.00	1.00	7,265.00	814.99	-3,470.81	2,274.91	0.00	0.00	0.00
9,200.00	90.00	1.00	7,265.00	914.98	-3,469.07	2,363.66	0.00	0.00	0.00
9,300.00	90.00	1.00	7,265.00	1,014.96	-3,467.32	2,452.41	0.00	0.00	0.00
9,400.00	90.00	1.00	7,265.00	1,114.95	-3,465.57	2,541.17	0.00	0.00	0.00
9,500.00	90.00	1.00	7,265.00	1,214.93	-3,463.83	2,629.92	0.00	0.00	0.00
9,600.00	90.00	1.00	7,265.00	1,314.92	-3,462.08	2,718.67	0.00	0.00	0.00
9,700.00	90.00	1.00	7,265.00	1,414.90	-3,460.34	2,807.43	0.00	0.00	0.00
9,800.00	90.00	1.00	7,265.00	1,514.89	-3,458.59	2,896.18	0.00	0.00	0.00
9,900.00	90.00	1.00	7,265.00	1,614.87	-3,456.85	2,984.94	0.00	0.00	0.00
10,000.00	90.00	1.00	7,265.00	1,714.86	-3,455.10	3,073.69	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 4940.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	North Reference:	True
Well:	DAVIS 1N-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #3		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,100.00	90.00	1.00	7,265.00	1,814.84	-3,453.36	3,162.44	0.00	0.00	0.00	
10,200.00	90.00	1.00	7,265.00	1,914.83	-3,451.61	3,251.20	0.00	0.00	0.00	
10,300.00	90.00	1.00	7,265.00	2,014.81	-3,449.87	3,339.95	0.00	0.00	0.00	
10,400.00	90.00	1.00	7,265.00	2,114.80	-3,448.12	3,428.70	0.00	0.00	0.00	
10,500.00	90.00	1.00	7,265.00	2,214.78	-3,446.38	3,517.46	0.00	0.00	0.00	
10,600.00	90.00	1.00	7,265.00	2,314.77	-3,444.63	3,606.21	0.00	0.00	0.00	
10,700.00	90.00	1.00	7,265.00	2,414.75	-3,442.89	3,694.97	0.00	0.00	0.00	
10,800.00	90.00	1.00	7,265.00	2,514.74	-3,441.14	3,783.72	0.00	0.00	0.00	
10,900.00	90.00	1.00	7,265.00	2,614.72	-3,439.40	3,872.47	0.00	0.00	0.00	
11,000.00	90.00	1.00	7,265.00	2,714.71	-3,437.65	3,961.23	0.00	0.00	0.00	
11,100.00	90.00	1.00	7,265.00	2,814.69	-3,435.91	4,049.98	0.00	0.00	0.00	
11,200.00	90.00	1.00	7,265.00	2,914.68	-3,434.16	4,138.73	0.00	0.00	0.00	
11,300.00	90.00	1.00	7,265.00	3,014.66	-3,432.42	4,227.49	0.00	0.00	0.00	
11,400.00	90.00	1.00	7,265.00	3,114.64	-3,430.67	4,316.24	0.00	0.00	0.00	
11,500.00	90.00	1.00	7,265.00	3,214.63	-3,428.92	4,404.99	0.00	0.00	0.00	
11,600.00	90.00	1.00	7,265.00	3,314.61	-3,427.18	4,493.75	0.00	0.00	0.00	
11,700.00	90.00	1.00	7,265.00	3,414.60	-3,425.43	4,582.50	0.00	0.00	0.00	
11,800.00	90.00	1.00	7,265.00	3,514.58	-3,423.69	4,671.26	0.00	0.00	0.00	
11,900.00	90.00	1.00	7,265.00	3,614.57	-3,421.94	4,760.01	0.00	0.00	0.00	
12,000.00	90.00	1.00	7,265.00	3,714.55	-3,420.20	4,848.76	0.00	0.00	0.00	
12,100.00	90.00	1.00	7,265.00	3,814.54	-3,418.45	4,937.52	0.00	0.00	0.00	
12,200.00	90.00	1.00	7,265.00	3,914.52	-3,416.71	5,026.27	0.00	0.00	0.00	
12,300.00	90.00	1.00	7,265.00	4,014.51	-3,414.96	5,115.02	0.00	0.00	0.00	
12,400.00	90.00	1.00	7,265.00	4,114.49	-3,413.22	5,203.78	0.00	0.00	0.00	
12,500.00	90.00	1.00	7,265.00	4,214.48	-3,411.47	5,292.53	0.00	0.00	0.00	
12,600.00	90.00	1.00	7,265.00	4,314.46	-3,409.73	5,381.29	0.00	0.00	0.00	
12,700.00	90.00	1.00	7,265.00	4,414.45	-3,407.98	5,470.04	0.00	0.00	0.00	
12,800.00	90.00	1.00	7,265.00	4,514.43	-3,406.24	5,558.79	0.00	0.00	0.00	
12,900.00	90.00	1.00	7,265.00	4,614.42	-3,404.49	5,647.55	0.00	0.00	0.00	
13,000.00	90.00	1.00	7,265.00	4,714.40	-3,402.75	5,736.30	0.00	0.00	0.00	
13,100.00	90.00	1.00	7,265.00	4,814.39	-3,401.00	5,825.05	0.00	0.00	0.00	
13,200.00	90.00	1.00	7,265.00	4,914.37	-3,399.26	5,913.81	0.00	0.00	0.00	
13,300.00	90.00	1.00	7,265.00	5,014.36	-3,397.51	6,002.56	0.00	0.00	0.00	
13,400.00	90.00	1.00	7,265.00	5,114.34	-3,395.77	6,091.31	0.00	0.00	0.00	
13,500.00	90.00	1.00	7,265.00	5,214.32	-3,394.02	6,180.07	0.00	0.00	0.00	
13,600.00	90.00	1.00	7,265.00	5,314.31	-3,392.27	6,268.82	0.00	0.00	0.00	
13,700.00	90.00	1.00	7,265.00	5,414.29	-3,390.53	6,357.58	0.00	0.00	0.00	
13,800.00	90.00	1.00	7,265.00	5,514.28	-3,388.78	6,446.33	0.00	0.00	0.00	
13,900.00	90.00	1.00	7,265.00	5,614.26	-3,387.04	6,535.08	0.00	0.00	0.00	
14,000.00	90.00	1.00	7,265.00	5,714.25	-3,385.29	6,623.84	0.00	0.00	0.00	
14,100.00	90.00	1.00	7,265.00	5,814.23	-3,383.55	6,712.59	0.00	0.00	0.00	
14,200.00	90.00	1.00	7,265.00	5,914.22	-3,381.80	6,801.34	0.00	0.00	0.00	
14,300.00	90.00	1.00	7,265.00	6,014.20	-3,380.06	6,890.10	0.00	0.00	0.00	
14,400.00	90.00	1.00	7,265.00	6,114.19	-3,378.31	6,978.85	0.00	0.00	0.00	
14,500.00	90.00	1.00	7,265.00	6,214.17	-3,376.57	7,067.60	0.00	0.00	0.00	
14,600.00	90.00	1.00	7,265.00	6,314.16	-3,374.82	7,156.36	0.00	0.00	0.00	
14,700.00	90.00	1.00	7,265.00	6,414.14	-3,373.08	7,245.11	0.00	0.00	0.00	
14,800.00	90.00	1.00	7,265.00	6,514.13	-3,371.33	7,333.87	0.00	0.00	0.00	
14,900.00	90.00	1.00	7,265.00	6,614.11	-3,369.59	7,422.62	0.00	0.00	0.00	
15,000.00	90.00	1.00	7,265.00	6,714.10	-3,367.84	7,511.37	0.00	0.00	0.00	
15,058.05	90.00	1.00	7,265.00	6,772.14	-3,366.83	7,562.90	0.00	0.00	0.00	
DAVIS 1N-9H-G266 BHL										

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1N-9H-G266 - Slot DAVIS 1N-9H
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 4940.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	North Reference:	True
Well:	DAVIS 1N-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #3		

Design 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)		
DAVIS 1N-9H-G266 BHI	0.00	0.00	7,265.00	6,772.14	-3,366.83	1,306,637.21	3,198,399.10	40.172935	-104.790013
- plan hits target center									
- Point									
DAVIS 1N-9H-G266 TP2	0.00	0.00	7,265.00	-174.18	-3,421.84	1,299,690.67	3,198,400.65	40.153866	-104.790206
- plan misses target center by 116.18usft at 8143.34usft MD (7162.76 TVD, -119.71 N, -3430.75 E)									
- Point									