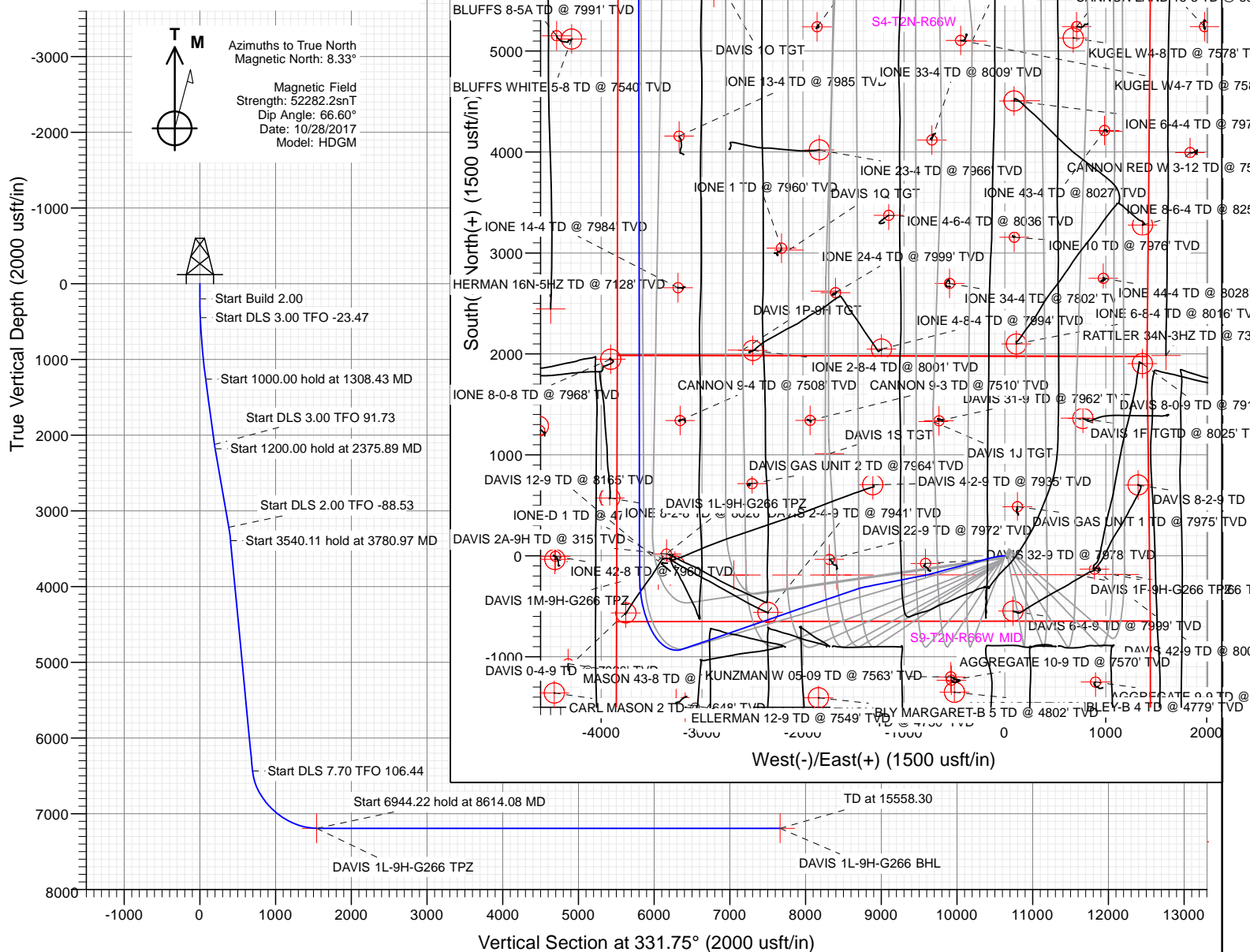




Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	450.00	5.00	275.00	449.68	0.95	-10.86	2.00	275.00	5.98	
4	1308.43	30.40	255.00	1261.18	-52.91	-262.17	3.00	-23.47	77.48	
5	2308.43	30.40	255.00	2123.69	-183.89	-750.96	0.00	0.00	193.46	
6	2375.89	30.40	259.00	2181.89	-191.56	-784.21	3.00	91.73	202.44	
7	3575.89	30.40	259.00	3216.90	-307.43	-1380.29	0.00	0.00	382.51	
8	3780.97	30.75	250.96	3393.54	-334.44	-1480.83	2.00	-88.53	406.30	
9	7321.08	30.75	250.96	6435.82	-924.93	-3192.03	0.00	0.00	696.10	
10	8614.08	90.00	359.92	7192.00	-191.78	-3618.64	7.70	106.44	1543.85	DAVIS 1L-9H-G266 TPZ
11	15558.30	90.00	359.92	7192.00	6752.43	-3628.75	0.00	0.00	7665.71	DAVIS 1L-9H-G266 RHL

PLAN #4						
DAVIS 1L-9H-G266						
22 KB @ 4940.0dbst						
Ground Level @ 4917.00						
North American Datum 1983						
Well DAVIS 1L-9H-G266 - Slot DAVIS 1L-9H, True North						
Type	Target	Azimuth	Origin	N/S	E/W	From TMD
TD	No Target (Freehand)	331.75	Slot Type			
Name				Longitude		
DAVIS 1L-9H-G266 BHL	7192.00	+N-S	+E-W	Latitude		
DAVIS 1L-9H-G266 BHL	7192.00	6752.43	-3628.75	-47.2928	-104.760914	
	7192.00	-191.78	-191.64	53.5865	-104.760974	

Project: DJ BASIN
Site: S4-T2N-R66W
Well: DAVIS 1L-9H-G266
Wellbore: OH
Design: PLAN #4



WELL DETAILS: DAVIS 1L-9H-G266

4917.00						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	1299910.16	3201830.74	40.154392	-104.777928	DAVIS 1L-9H



Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1L-9H-G266 - Slot DAVIS 1L-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 1L-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #4		

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 1L-9H-G266 - Slot DAVIS 1L-9H					
Well Position	+N/-S	0.00 usft	Northing:	1,299,910.16 usft	Latitude:	40.154392
	+E/-W	0.00 usft	Easting:	3,201,830.74 usft	Longitude:	-104.777928
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	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 #4			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	331.75

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	275.00	449.68	0.95	-10.86	2.00	2.00	0.00	275.00	
1,308.43	30.40	255.00	1,261.18	-52.91	-262.17	3.00	2.96	-2.33	-23.47	
2,308.43	30.40	255.00	2,123.69	-183.89	-750.96	0.00	0.00	0.00	0.00	
2,375.89	30.40	259.00	2,181.89	-191.56	-784.21	3.00	0.00	5.93	91.73	
3,575.89	30.40	259.00	3,216.90	-307.43	-1,380.29	0.00	0.00	0.00	0.00	
3,780.97	30.75	250.96	3,393.54	-334.44	-1,480.83	2.00	0.17	-3.92	-88.53	
7,321.08	30.75	250.96	6,435.82	-924.93	-3,192.03	0.00	0.00	0.00	0.00	
8,614.08	90.00	359.92	7,192.00	-191.78	-3,618.64	7.70	4.58	8.43	106.44	DAVIS 1L-9H-G266 T
15,558.30	90.00	359.92	7,192.00	6,752.43	-3,628.75	0.00	0.00	0.00	0.00	DAVIS 1L-9H-G266 B

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1L-9H-G266 - Slot DAVIS 1L-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 1L-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #4		

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	275.00	299.98	0.15	-1.74	0.96	2.00	2.00	
400.00	4.00	275.00	399.84	0.61	-6.95	3.83	2.00	2.00	
450.00	5.00	275.00	449.68	0.95	-10.86	5.98	2.00	2.00	
500.00	6.40	269.64	499.43	1.12	-15.82	8.48	3.00	2.81	
600.00	9.30	263.85	598.49	0.22	-29.43	14.13	3.00	2.90	
700.00	12.25	260.81	696.71	-2.34	-47.94	20.63	3.00	2.95	
800.00	15.22	258.94	793.85	-6.55	-71.30	27.98	3.00	2.97	
900.00	18.19	257.67	889.62	-12.40	-99.44	36.14	3.00	2.98	
1,000.00	21.18	256.75	983.76	-19.88	-132.28	45.10	3.00	2.98	
1,100.00	24.17	256.05	1,076.02	-28.95	-169.73	54.83	3.00	2.99	
1,200.00	27.16	255.49	1,166.15	-39.61	-211.70	65.31	3.00	2.99	
1,300.00	30.15	255.03	1,253.90	-51.82	-258.06	76.50	3.00	2.99	
1,308.43	30.40	255.00	1,261.18	-52.91	-262.17	77.48	3.00	2.99	
1,400.00	30.40	255.00	1,340.16	-64.91	-306.93	88.10	0.00	0.00	
1,500.00	30.40	255.00	1,426.41	-78.00	-355.80	99.70	0.00	0.00	
1,600.00	30.40	255.00	1,512.66	-91.10	-404.68	111.30	0.00	0.00	
1,700.00	30.40	255.00	1,598.91	-104.20	-453.56	122.89	0.00	0.00	
1,800.00	30.40	255.00	1,685.16	-117.30	-502.44	134.49	0.00	0.00	
1,900.00	30.40	255.00	1,771.41	-130.39	-551.32	146.09	0.00	0.00	
2,000.00	30.40	255.00	1,857.67	-143.49	-600.20	157.69	0.00	0.00	
2,100.00	30.40	255.00	1,943.92	-156.59	-649.08	169.29	0.00	0.00	
2,200.00	30.40	255.00	2,030.17	-169.68	-697.96	180.89	0.00	0.00	
2,300.00	30.40	255.00	2,116.42	-182.78	-746.84	192.49	0.00	0.00	
2,308.43	30.40	255.00	2,123.69	-183.89	-750.96	193.46	0.00	0.00	
2,375.89	30.40	259.00	2,181.89	-191.56	-784.21	202.44	3.00	0.00	
2,400.00	30.40	259.00	2,202.68	-193.89	-796.18	206.06	0.00	0.00	
2,500.00	30.40	259.00	2,288.93	-203.54	-845.85	221.06	0.00	0.00	
2,600.00	30.40	259.00	2,375.18	-213.20	-895.53	236.07	0.00	0.00	
2,700.00	30.40	259.00	2,461.43	-222.86	-945.20	251.07	0.00	0.00	
2,800.00	30.40	259.00	2,547.68	-232.51	-994.87	266.08	0.00	0.00	
2,900.00	30.40	259.00	2,633.93	-242.17	-1,044.55	281.09	0.00	0.00	
3,000.00	30.40	259.00	2,720.19	-251.82	-1,094.22	296.09	0.00	0.00	
3,100.00	30.40	259.00	2,806.44	-261.48	-1,143.90	311.10	0.00	0.00	
3,200.00	30.40	259.00	2,892.69	-271.13	-1,193.57	326.10	0.00	0.00	
3,300.00	30.40	259.00	2,978.94	-280.79	-1,243.24	341.11	0.00	0.00	
3,400.00	30.40	259.00	3,065.19	-290.44	-1,292.92	356.12	0.00	0.00	
3,500.00	30.40	259.00	3,151.44	-300.10	-1,342.59	371.12	0.00	0.00	
3,575.89	30.40	259.00	3,216.90	-307.43	-1,380.29	382.51	0.00	0.00	
3,600.00	30.42	258.05	3,237.69	-309.86	-1,392.25	386.03	2.00	0.07	
3,700.00	30.55	254.11	3,323.88	-322.06	-1,441.46	398.58	2.00	0.14	
3,780.97	30.75	250.96	3,393.54	-334.44	-1,480.83	406.30	2.00	0.25	
3,800.00	30.75	250.96	3,409.89	-337.62	-1,490.03	407.86	0.00	0.00	
3,900.00	30.75	250.96	3,495.83	-354.30	-1,538.37	416.05	0.00	0.00	
4,000.00	30.75	250.96	3,581.77	-370.98	-1,586.70	424.23	0.00	0.00	
4,100.00	30.75	250.96	3,667.70	-387.66	-1,635.04	432.42	0.00	0.00	
4,200.00	30.75	250.96	3,753.64	-404.34	-1,683.38	440.61	0.00	0.00	
4,300.00	30.75	250.96	3,839.58	-421.02	-1,731.72	448.79	0.00	0.00	
4,400.00	30.75	250.96	3,925.52	-437.70	-1,780.05	456.98	0.00	0.00	
4,500.00	30.75	250.96	4,011.45	-454.38	-1,828.39	465.16	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1L-9H-G266 - Slot DAVIS 1L-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 1L-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #4		

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
4,600.00	30.75	250.96	4,097.39	-471.06	-1,876.73	473.35	0.00	0.00	
4,700.00	30.75	250.96	4,183.33	-487.74	-1,925.07	481.54	0.00	0.00	
4,800.00	30.75	250.96	4,269.27	-504.42	-1,973.40	489.72	0.00	0.00	
4,900.00	30.75	250.96	4,355.20	-521.10	-2,021.74	497.91	0.00	0.00	
5,000.00	30.75	250.96	4,441.14	-537.77	-2,070.08	506.10	0.00	0.00	
5,100.00	30.75	250.96	4,527.08	-554.45	-2,118.42	514.28	0.00	0.00	
5,200.00	30.75	250.96	4,613.02	-571.13	-2,166.75	522.47	0.00	0.00	
5,300.00	30.75	250.96	4,698.95	-587.81	-2,215.09	530.65	0.00	0.00	
5,400.00	30.75	250.96	4,784.89	-604.49	-2,263.43	538.84	0.00	0.00	
5,500.00	30.75	250.96	4,870.83	-621.17	-2,311.77	547.03	0.00	0.00	
5,600.00	30.75	250.96	4,956.77	-637.85	-2,360.10	555.21	0.00	0.00	
5,700.00	30.75	250.96	5,042.70	-654.53	-2,408.44	563.40	0.00	0.00	
5,800.00	30.75	250.96	5,128.64	-671.21	-2,456.78	571.58	0.00	0.00	
5,900.00	30.75	250.96	5,214.58	-687.89	-2,505.12	579.77	0.00	0.00	
6,000.00	30.75	250.96	5,300.52	-704.57	-2,553.45	587.96	0.00	0.00	
6,100.00	30.75	250.96	5,386.45	-721.25	-2,601.79	596.14	0.00	0.00	
6,200.00	30.75	250.96	5,472.39	-737.93	-2,650.13	604.33	0.00	0.00	
6,300.00	30.75	250.96	5,558.33	-754.61	-2,698.47	612.52	0.00	0.00	
6,400.00	30.75	250.96	5,644.27	-771.29	-2,746.80	620.70	0.00	0.00	
6,500.00	30.75	250.96	5,730.21	-787.97	-2,795.14	628.89	0.00	0.00	
6,600.00	30.75	250.96	5,816.14	-804.65	-2,843.48	637.07	0.00	0.00	
6,700.00	30.75	250.96	5,902.08	-821.33	-2,891.82	645.26	0.00	0.00	
6,800.00	30.75	250.96	5,988.02	-838.01	-2,940.15	653.45	0.00	0.00	
6,900.00	30.75	250.96	6,073.96	-854.69	-2,988.49	661.63	0.00	0.00	
7,000.00	30.75	250.96	6,159.89	-871.37	-3,036.83	669.82	0.00	0.00	
7,100.00	30.75	250.96	6,245.83	-888.05	-3,085.17	678.01	0.00	0.00	
7,200.00	30.75	250.96	6,331.77	-904.73	-3,133.50	686.19	0.00	0.00	
7,300.00	30.75	250.96	6,417.71	-921.41	-3,181.84	694.38	0.00	0.00	
7,321.08	30.75	250.96	6,435.82	-924.93	-3,192.03	696.10	0.00	0.00	
7,400.00	29.56	262.84	6,504.12	-933.94	-3,230.45	706.35	7.70	-1.52	
7,500.00	29.64	278.46	6,591.20	-933.38	-3,279.46	730.04	7.70	0.09	
7,600.00	31.49	293.20	6,677.42	-919.43	-3,328.00	765.31	7.70	1.85	
7,700.00	34.82	305.92	6,761.23	-892.34	-3,375.20	811.50	7.70	3.33	
7,800.00	39.26	316.40	6,841.11	-852.62	-3,420.21	867.80	7.70	4.43	
7,900.00	44.46	324.92	6,915.62	-800.97	-3,462.22	933.18	7.70	5.20	
8,000.00	50.19	331.94	6,983.43	-738.32	-3,500.47	1,006.47	7.70	5.73	
8,100.00	56.27	337.84	7,043.30	-665.81	-3,534.27	1,086.35	7.70	6.08	
8,200.00	62.59	342.95	7,094.16	-584.74	-3,563.01	1,171.36	7.70	6.32	
8,300.00	69.08	347.50	7,135.09	-496.57	-3,586.17	1,259.99	7.70	6.49	
8,400.00	75.68	351.66	7,165.35	-402.90	-3,603.34	1,350.63	7.70	6.60	
8,500.00	82.35	355.58	7,184.39	-305.41	-3,614.20	1,441.65	7.70	6.67	
8,600.00	89.06	359.38	7,191.88	-205.86	-3,618.56	1,531.40	7.70	6.70	
8,614.08	90.00	359.92	7,192.00	-191.78	-3,618.64	1,543.85	7.70	6.71	DAVIS 1L-9H-G266 TPZ
8,700.00	90.00	359.92	7,192.00	-105.86	-3,618.77	1,619.59	0.00	0.00	
8,800.00	90.00	359.92	7,192.00	-5.86	-3,618.91	1,707.75	0.00	0.00	
8,900.00	90.00	359.92	7,192.00	94.14	-3,619.06	1,795.91	0.00	0.00	
9,000.00	90.00	359.92	7,192.00	194.14	-3,619.20	1,884.07	0.00	0.00	
9,100.00	90.00	359.92	7,192.00	294.14	-3,619.35	1,972.22	0.00	0.00	
9,200.00	90.00	359.92	7,192.00	394.14	-3,619.49	2,060.38	0.00	0.00	
9,300.00	90.00	359.92	7,192.00	494.14	-3,619.64	2,148.54	0.00	0.00	
9,400.00	90.00	359.92	7,192.00	594.14	-3,619.79	2,236.70	0.00	0.00	
9,500.00	90.00	359.92	7,192.00	694.14	-3,619.93	2,324.85	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1L-9H-G266 - Slot DAVIS 1L-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 1L-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #4		

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
9,600.00	90.00	359.92	7,192.00	794.14	-3,620.08	2,413.01	0.00	0.00	
9,700.00	90.00	359.92	7,192.00	894.14	-3,620.22	2,501.17	0.00	0.00	
9,800.00	90.00	359.92	7,192.00	994.14	-3,620.37	2,589.33	0.00	0.00	
9,900.00	90.00	359.92	7,192.00	1,094.14	-3,620.51	2,677.49	0.00	0.00	
10,000.00	90.00	359.92	7,192.00	1,194.14	-3,620.66	2,765.64	0.00	0.00	
10,100.00	90.00	359.92	7,192.00	1,294.14	-3,620.81	2,853.80	0.00	0.00	
10,200.00	90.00	359.92	7,192.00	1,394.14	-3,620.95	2,941.96	0.00	0.00	
10,300.00	90.00	359.92	7,192.00	1,494.14	-3,621.10	3,030.12	0.00	0.00	
10,400.00	90.00	359.92	7,192.00	1,594.14	-3,621.24	3,118.27	0.00	0.00	
10,500.00	90.00	359.92	7,192.00	1,694.14	-3,621.39	3,206.43	0.00	0.00	
10,600.00	90.00	359.92	7,192.00	1,794.14	-3,621.53	3,294.59	0.00	0.00	
10,700.00	90.00	359.92	7,192.00	1,894.14	-3,621.68	3,382.75	0.00	0.00	
10,800.00	90.00	359.92	7,192.00	1,994.14	-3,621.82	3,470.91	0.00	0.00	
10,900.00	90.00	359.92	7,192.00	2,094.14	-3,621.97	3,559.06	0.00	0.00	
11,000.00	90.00	359.92	7,192.00	2,194.14	-3,622.12	3,647.22	0.00	0.00	
11,100.00	90.00	359.92	7,192.00	2,294.14	-3,622.26	3,735.38	0.00	0.00	
11,200.00	90.00	359.92	7,192.00	2,394.14	-3,622.41	3,823.54	0.00	0.00	
11,300.00	90.00	359.92	7,192.00	2,494.14	-3,622.55	3,911.69	0.00	0.00	
11,400.00	90.00	359.92	7,192.00	2,594.14	-3,622.70	3,999.85	0.00	0.00	
11,500.00	90.00	359.92	7,192.00	2,694.14	-3,622.84	4,088.01	0.00	0.00	
11,600.00	90.00	359.92	7,192.00	2,794.14	-3,622.99	4,176.17	0.00	0.00	
11,700.00	90.00	359.92	7,192.00	2,894.14	-3,623.13	4,264.32	0.00	0.00	
11,800.00	90.00	359.92	7,192.00	2,994.14	-3,623.28	4,352.48	0.00	0.00	
11,900.00	90.00	359.92	7,192.00	3,094.14	-3,623.43	4,440.64	0.00	0.00	
12,000.00	90.00	359.92	7,192.00	3,194.14	-3,623.57	4,528.80	0.00	0.00	
12,100.00	90.00	359.92	7,192.00	3,294.14	-3,623.72	4,616.96	0.00	0.00	
12,200.00	90.00	359.92	7,192.00	3,394.14	-3,623.86	4,705.11	0.00	0.00	
12,300.00	90.00	359.92	7,192.00	3,494.14	-3,624.01	4,793.27	0.00	0.00	
12,400.00	90.00	359.92	7,192.00	3,594.14	-3,624.15	4,881.43	0.00	0.00	
12,500.00	90.00	359.92	7,192.00	3,694.14	-3,624.30	4,969.59	0.00	0.00	
12,600.00	90.00	359.92	7,192.00	3,794.14	-3,624.45	5,057.74	0.00	0.00	
12,700.00	90.00	359.92	7,192.00	3,894.14	-3,624.59	5,145.90	0.00	0.00	
12,800.00	90.00	359.92	7,192.00	3,994.14	-3,624.74	5,234.06	0.00	0.00	
12,900.00	90.00	359.92	7,192.00	4,094.14	-3,624.88	5,322.22	0.00	0.00	
13,000.00	90.00	359.92	7,192.00	4,194.13	-3,625.03	5,410.38	0.00	0.00	
13,100.00	90.00	359.92	7,192.00	4,294.13	-3,625.17	5,498.53	0.00	0.00	
13,200.00	90.00	359.92	7,192.00	4,394.13	-3,625.32	5,586.69	0.00	0.00	
13,300.00	90.00	359.92	7,192.00	4,494.13	-3,625.46	5,674.85	0.00	0.00	
13,400.00	90.00	359.92	7,192.00	4,594.13	-3,625.61	5,763.01	0.00	0.00	
13,500.00	90.00	359.92	7,192.00	4,694.13	-3,625.76	5,851.16	0.00	0.00	
13,600.00	90.00	359.92	7,192.00	4,794.13	-3,625.90	5,939.32	0.00	0.00	
13,700.00	90.00	359.92	7,192.00	4,894.13	-3,626.05	6,027.48	0.00	0.00	
13,800.00	90.00	359.92	7,192.00	4,994.13	-3,626.19	6,115.64	0.00	0.00	
13,900.00	90.00	359.92	7,192.00	5,094.13	-3,626.34	6,203.80	0.00	0.00	
14,000.00	90.00	359.92	7,192.00	5,194.13	-3,626.48	6,291.95	0.00	0.00	
14,100.00	90.00	359.92	7,192.00	5,294.13	-3,626.63	6,380.11	0.00	0.00	
14,200.00	90.00	359.92	7,192.00	5,394.13	-3,626.77	6,468.27	0.00	0.00	
14,300.00	90.00	359.92	7,192.00	5,494.13	-3,626.92	6,556.43	0.00	0.00	
14,400.00	90.00	359.92	7,192.00	5,594.13	-3,627.07	6,644.58	0.00	0.00	
14,500.00	90.00	359.92	7,192.00	5,694.13	-3,627.21	6,732.74	0.00	0.00	
14,600.00	90.00	359.92	7,192.00	5,794.13	-3,627.36	6,820.90	0.00	0.00	
14,700.00	90.00	359.92	7,192.00	5,894.13	-3,627.50	6,909.06	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1L-9H-G266 - Slot DAVIS 1L-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 1L-9H-G266	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #4		

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
14,800.00	90.00	359.92	7,192.00	5,994.13	-3,627.65	6,997.21	0.00	0.00	
14,900.00	90.00	359.92	7,192.00	6,094.13	-3,627.79	7,085.37	0.00	0.00	
15,000.00	90.00	359.92	7,192.00	6,194.13	-3,627.94	7,173.53	0.00	0.00	
15,100.00	90.00	359.92	7,192.00	6,294.13	-3,628.09	7,261.69	0.00	0.00	
15,200.00	90.00	359.92	7,192.00	6,394.13	-3,628.23	7,349.85	0.00	0.00	
15,300.00	90.00	359.92	7,192.00	6,494.13	-3,628.38	7,438.00	0.00	0.00	
15,400.00	90.00	359.92	7,192.00	6,594.13	-3,628.52	7,526.16	0.00	0.00	
15,500.00	90.00	359.92	7,192.00	6,694.13	-3,628.67	7,614.32	0.00	0.00	
15,558.30	90.00	359.92	7,192.00	6,752.43	-3,628.75	7,665.71	0.00	0.00	DAVIS 1L-9H-G266 BHL

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
DAVIS 1L-9H-G266 TPZ - plan hits target center - Point	0.00	0.00	7,192.00	-191.78	-3,618.64	1,299,688.92	3,198,213.78	40.153865	-104.790874
DAVIS 1L-9H-G266 BHL - plan hits target center - Point	0.00	0.00	7,192.00	6,752.43	-3,628.75	1,306,632.82	3,198,147.12	40.172928	-104.790914