



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	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	400.00	4.00	212.22	399.84	-5.90	-3.72	2.00	212.22	-5.50	
4	1000.00	4.00	212.22	998.38	-41.31	-26.04	0.00	0.00	-38.50	
5	1327.90	10.56	212.01	1323.46	-76.50	-48.08	2.00	-0.34	-71.30	
6	6695.30	10.56	212.01	6599.99	-910.48	-569.32	0.00	0.00	-848.90	
7	7929.92	90.00	358.32	7421.00	-205.45	-674.93	8.00	145.86	-136.84	DAVIS 1J-9H-G266 TPZ
8	9448.95	90.00	358.32	7421.00	1312.92	-719.51	0.00	0.00	1378.37	DAVIS 1J TGT
9	9629.91	90.00	1.94	7421.00	1493.85	-719.11	2.00	90.00	1558.35	
10	12103.49	90.00	1.94	7421.00	3966.02	-635.48	0.00	0.00	4009.72	
11	12250.37	90.00	359.00	7421.00	4112.87	-634.28	2.00	-90.00	4155.71	
12	14900.37	90.00	359.00	7421.00	6762.47	-680.53	0.00	0.00	6796.62	DAVIS 1J-9H-G266 BHL

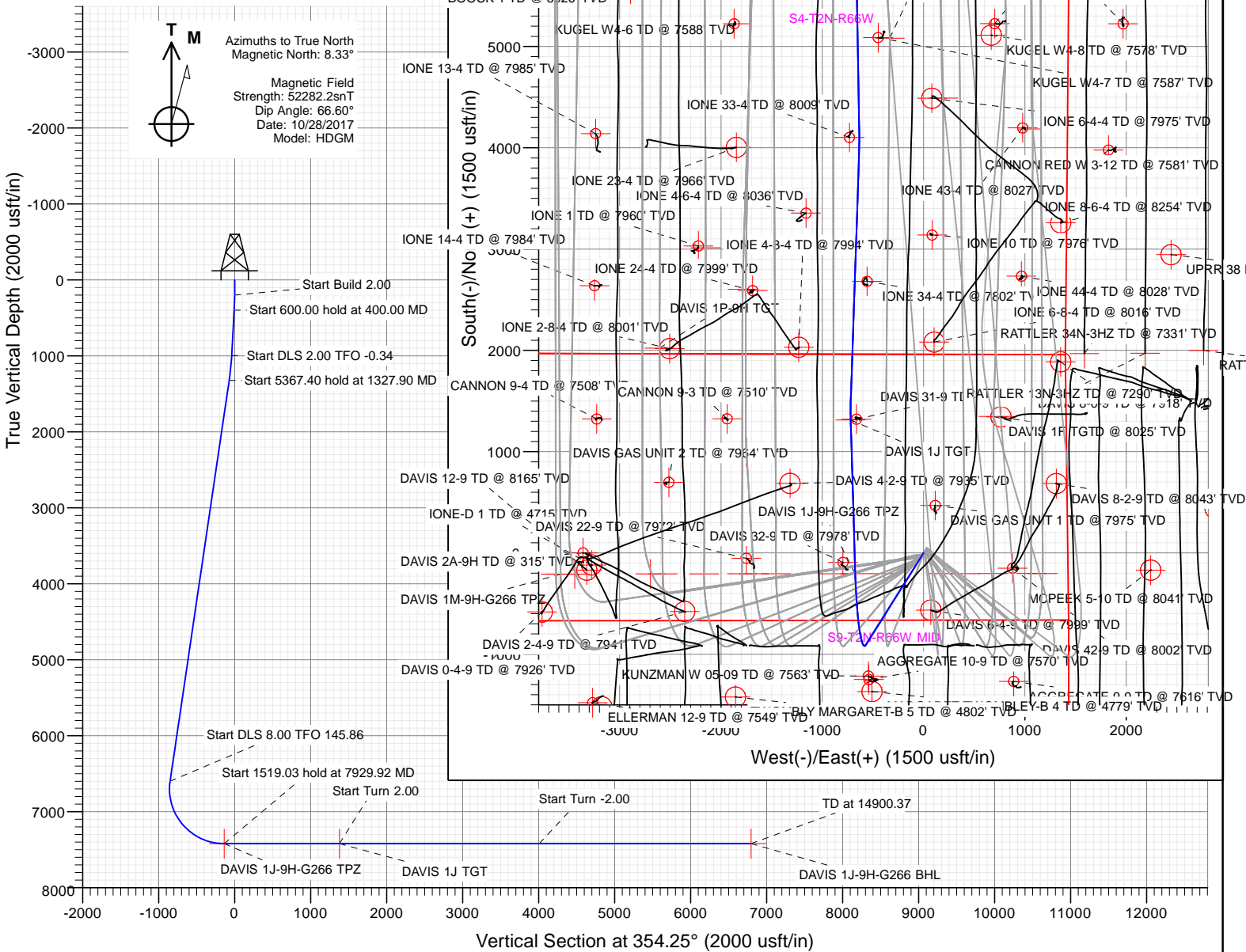
PLAN #4
DAVIS 1J-9H-G266
23 KB @ 4940.00usft
Ground Level @ 4917.00
North American Datum 1983
Well DAVIS 1J-9H-G266 - Slot DAVIS 1J-9H, True North

Type	Target	No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From TVD
Name	TVD	+N/-S	+E/-W	Latitude	Longitude			
DAVIS 1J TGT	7421.00	1312.92	-719.51	40.158044	-104.780467			
DAVIS 1J-9H-G266 BHL	7421.00	6762.47	-680.53	40.173094	-104.780328			
DAVIS 1J-9H-G266 TPZ	7421.00	-205.45	-674.93	40.153876	-104.780308			

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



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



WELL DETAILS: DAVIS 1J-9H-G266

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	DAVIS 1J-9H
0.00	0.00	1299927.60	3201840.52	40.154440	-104.777893	

CATHEDRAL



Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1J-9H-G266 - Slot DAVIS 1J-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 1J-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 1J-9H-G266 - Slot DAVIS 1J-9H					
Well Position	+N/-S	0.00 usft	Northing:	1,299,927.60 usft	Latitude:	40.154440
	+E/-W	0.00 usft	Easting:	3,201,840.52 usft	Longitude:	-104.777893
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	354.25

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	
400.00	4.00	212.22	399.84	-5.90	-3.72	2.00	2.00	0.00	212.22	
1,000.00	4.00	212.22	998.38	-41.31	-26.04	0.00	0.00	0.00	0.00	
1,327.90	10.56	212.01	1,323.46	-76.50	-48.08	2.00	2.00	-0.07	-0.34	
6,695.30	10.56	212.01	6,599.99	-910.48	-569.32	0.00	0.00	0.00	0.00	
7,929.92	90.00	358.32	7,421.00	-205.45	-674.93	8.00	6.43	11.85	145.86	DAVIS 1J-9H-G266 T
9,448.95	90.00	358.32	7,421.00	1,312.92	-719.51	0.00	0.00	0.00	0.00	DAVIS 1J TGT
9,629.91	90.00	1.94	7,421.00	1,493.85	-719.11	2.00	0.00	2.00	90.00	
12,103.49	90.00	1.94	7,421.00	3,966.02	-635.48	0.00	0.00	0.00	0.00	
12,250.37	90.00	359.00	7,421.00	4,112.87	-634.28	2.00	0.00	-2.00	-90.00	
14,900.37	90.00	359.00	7,421.00	6,762.47	-680.53	0.00	0.00	0.00	0.00	DAVIS 1J-9H-G266 B

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1J-9H-G266 - Slot DAVIS 1J-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 1J-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	212.22	299.98	-1.48	-0.93	-1.38	2.00	2.00	
400.00	4.00	212.22	399.84	-5.90	-3.72	-5.50	2.00	2.00	
500.00	4.00	212.22	499.59	-11.81	-7.44	-11.00	0.00	0.00	
600.00	4.00	212.22	599.35	-17.71	-11.16	-16.50	0.00	0.00	
700.00	4.00	212.22	699.11	-23.61	-14.88	-22.00	0.00	0.00	
800.00	4.00	212.22	798.86	-29.51	-18.60	-27.50	0.00	0.00	
900.00	4.00	212.22	898.62	-35.41	-22.32	-33.00	0.00	0.00	
1,000.00	4.00	212.22	998.38	-41.31	-26.04	-38.50	0.00	0.00	
1,100.00	6.00	212.11	1,097.99	-48.69	-30.67	-45.38	2.00	2.00	
1,200.00	8.00	212.05	1,197.24	-59.02	-37.14	-55.00	2.00	2.00	
1,300.00	10.00	212.01	1,296.00	-72.28	-45.44	-67.37	2.00	2.00	
1,327.90	10.56	212.01	1,323.46	-76.50	-48.08	-71.30	2.00	2.00	
1,400.00	10.56	212.01	1,394.34	-87.70	-55.08	-81.75	0.00	0.00	
1,500.00	10.56	212.01	1,492.64	-103.24	-64.79	-96.24	0.00	0.00	
1,600.00	10.56	212.01	1,590.95	-118.78	-74.50	-110.72	0.00	0.00	
1,700.00	10.56	212.01	1,689.26	-134.32	-84.21	-125.21	0.00	0.00	
1,800.00	10.56	212.01	1,787.56	-149.86	-93.93	-139.70	0.00	0.00	
1,900.00	10.56	212.01	1,885.87	-165.39	-103.64	-154.18	0.00	0.00	
2,000.00	10.56	212.01	1,984.18	-180.93	-113.35	-168.67	0.00	0.00	
2,100.00	10.56	212.01	2,082.48	-196.47	-123.06	-183.16	0.00	0.00	
2,200.00	10.56	212.01	2,180.79	-212.01	-132.77	-197.65	0.00	0.00	
2,300.00	10.56	212.01	2,279.10	-227.54	-142.48	-212.13	0.00	0.00	
2,400.00	10.56	212.01	2,377.41	-243.08	-152.19	-226.62	0.00	0.00	
2,500.00	10.56	212.01	2,475.71	-258.62	-161.90	-241.11	0.00	0.00	
2,600.00	10.56	212.01	2,574.02	-274.16	-171.62	-255.60	0.00	0.00	
2,700.00	10.56	212.01	2,672.33	-289.70	-181.33	-270.08	0.00	0.00	
2,800.00	10.56	212.01	2,770.63	-305.23	-191.04	-284.57	0.00	0.00	
2,900.00	10.56	212.01	2,868.94	-320.77	-200.75	-299.06	0.00	0.00	
3,000.00	10.56	212.01	2,967.25	-336.31	-210.46	-313.55	0.00	0.00	
3,100.00	10.56	212.01	3,065.55	-351.85	-220.17	-328.03	0.00	0.00	
3,200.00	10.56	212.01	3,163.86	-367.39	-229.88	-342.52	0.00	0.00	
3,300.00	10.56	212.01	3,262.17	-382.92	-239.59	-357.01	0.00	0.00	
3,400.00	10.56	212.01	3,360.48	-398.46	-249.31	-371.50	0.00	0.00	
3,500.00	10.56	212.01	3,458.78	-414.00	-259.02	-385.98	0.00	0.00	
3,600.00	10.56	212.01	3,557.09	-429.54	-268.73	-400.47	0.00	0.00	
3,700.00	10.56	212.01	3,655.40	-445.08	-278.44	-414.96	0.00	0.00	
3,800.00	10.56	212.01	3,753.70	-460.61	-288.15	-429.45	0.00	0.00	
3,900.00	10.56	212.01	3,852.01	-476.15	-297.86	-443.93	0.00	0.00	
4,000.00	10.56	212.01	3,950.32	-491.69	-307.57	-458.42	0.00	0.00	
4,100.00	10.56	212.01	4,048.62	-507.23	-317.28	-472.91	0.00	0.00	
4,200.00	10.56	212.01	4,146.93	-522.76	-327.00	-487.40	0.00	0.00	
4,300.00	10.56	212.01	4,245.24	-538.30	-336.71	-501.88	0.00	0.00	
4,400.00	10.56	212.01	4,343.55	-553.84	-346.42	-516.37	0.00	0.00	
4,500.00	10.56	212.01	4,441.85	-569.38	-356.13	-530.86	0.00	0.00	
4,600.00	10.56	212.01	4,540.16	-584.92	-365.84	-545.35	0.00	0.00	
4,700.00	10.56	212.01	4,638.47	-600.45	-375.55	-559.83	0.00	0.00	
4,800.00	10.56	212.01	4,736.77	-615.99	-385.26	-574.32	0.00	0.00	
4,900.00	10.56	212.01	4,835.08	-631.53	-394.97	-588.81	0.00	0.00	
5,000.00	10.56	212.01	4,933.39	-647.07	-404.69	-603.30	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1J-9H-G266 - Slot DAVIS 1J-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 1J-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
5,100.00	10.56	212.01	5,031.69	-662.61	-414.40	-617.78	0.00	0.00	
5,200.00	10.56	212.01	5,130.00	-678.14	-424.11	-632.27	0.00	0.00	
5,300.00	10.56	212.01	5,228.31	-693.68	-433.82	-646.76	0.00	0.00	
5,400.00	10.56	212.01	5,326.62	-709.22	-443.53	-661.25	0.00	0.00	
5,500.00	10.56	212.01	5,424.92	-724.76	-453.24	-675.73	0.00	0.00	
5,600.00	10.56	212.01	5,523.23	-740.30	-462.95	-690.22	0.00	0.00	
5,700.00	10.56	212.01	5,621.54	-755.83	-472.66	-704.71	0.00	0.00	
5,800.00	10.56	212.01	5,719.84	-771.37	-482.38	-719.20	0.00	0.00	
5,900.00	10.56	212.01	5,818.15	-786.91	-492.09	-733.68	0.00	0.00	
6,000.00	10.56	212.01	5,916.46	-802.45	-501.80	-748.17	0.00	0.00	
6,100.00	10.56	212.01	6,014.76	-817.99	-511.51	-762.66	0.00	0.00	
6,200.00	10.56	212.01	6,113.07	-833.52	-521.22	-777.15	0.00	0.00	
6,300.00	10.56	212.01	6,211.38	-849.06	-530.93	-791.63	0.00	0.00	
6,400.00	10.56	212.01	6,309.69	-864.60	-540.64	-806.12	0.00	0.00	
6,500.00	10.56	212.01	6,407.99	-880.14	-550.35	-820.61	0.00	0.00	
6,600.00	10.56	212.01	6,506.30	-895.67	-560.07	-835.10	0.00	0.00	
6,695.30	10.56	212.01	6,599.99	-910.48	-569.32	-848.90	0.00	0.00	
6,700.00	10.25	213.19	6,604.61	-911.20	-569.78	-849.57	8.00	-6.58	
6,800.00	5.92	264.50	6,703.71	-919.15	-579.79	-856.48	8.00	-4.33	
6,900.00	9.62	320.72	6,802.90	-913.17	-590.23	-849.48	8.00	3.70	
7,000.00	16.66	338.11	6,900.25	-893.37	-600.88	-828.72	8.00	7.04	
7,100.00	24.29	345.08	6,993.88	-860.14	-611.54	-794.59	8.00	7.63	
7,200.00	32.10	348.83	7,081.95	-814.13	-622.00	-747.75	8.00	7.80	
7,300.00	39.97	351.23	7,162.76	-756.22	-632.05	-689.13	8.00	7.88	
7,400.00	47.88	352.96	7,234.73	-687.56	-641.51	-619.87	8.00	7.91	
7,500.00	55.81	354.29	7,296.46	-609.46	-650.19	-541.30	8.00	7.93	
7,600.00	63.76	355.40	7,346.74	-523.47	-657.92	-454.96	8.00	7.94	
7,700.00	71.71	356.36	7,384.60	-431.24	-664.54	-362.53	8.00	7.95	
7,800.00	79.66	357.24	7,409.31	-334.57	-669.93	-265.81	8.00	7.95	
7,900.00	87.62	358.07	7,420.38	-235.35	-673.99	-166.68	8.00	7.96	
7,929.92	90.00	358.32	7,421.00	-205.45	-674.93	-136.84	8.00	7.96	DAVIS 1J-9H-G266 TPZ
8,000.00	90.00	358.32	7,421.00	-135.40	-676.99	-66.94	0.00	0.00	
8,100.00	90.00	358.32	7,421.00	-35.45	-679.92	32.81	0.00	0.00	
8,200.00	90.00	358.32	7,421.00	64.51	-682.86	132.56	0.00	0.00	
8,300.00	90.00	358.32	7,421.00	164.47	-685.79	232.31	0.00	0.00	
8,400.00	90.00	358.32	7,421.00	264.42	-688.73	332.06	0.00	0.00	
8,500.00	90.00	358.32	7,421.00	364.38	-691.66	431.80	0.00	0.00	
8,600.00	90.00	358.32	7,421.00	464.34	-694.60	531.55	0.00	0.00	
8,700.00	90.00	358.32	7,421.00	564.29	-697.53	631.30	0.00	0.00	
8,800.00	90.00	358.32	7,421.00	664.25	-700.47	731.05	0.00	0.00	
8,900.00	90.00	358.32	7,421.00	764.21	-703.40	830.80	0.00	0.00	
9,000.00	90.00	358.32	7,421.00	864.17	-706.34	930.55	0.00	0.00	
9,100.00	90.00	358.32	7,421.00	964.12	-709.27	1,030.29	0.00	0.00	
9,200.00	90.00	358.32	7,421.00	1,064.08	-712.21	1,130.04	0.00	0.00	
9,300.00	90.00	358.32	7,421.00	1,164.04	-715.14	1,229.79	0.00	0.00	
9,400.00	90.00	358.32	7,421.00	1,263.99	-718.08	1,329.54	0.00	0.00	
9,448.95	90.00	358.32	7,421.00	1,312.92	-719.51	1,378.37	0.00	0.00	DAVIS 1J TGT
9,500.00	90.00	359.34	7,421.00	1,363.96	-720.56	1,429.25	2.00	0.00	
9,600.00	90.00	1.34	7,421.00	1,463.95	-719.96	1,528.68	2.00	0.00	
9,629.91	90.00	1.94	7,421.00	1,493.85	-719.11	1,558.35	2.00	0.00	
9,700.00	90.00	1.94	7,421.00	1,563.90	-716.74	1,627.81	0.00	0.00	
9,800.00	90.00	1.94	7,421.00	1,663.84	-713.36	1,726.91	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1J-9H-G266 - Slot DAVIS 1J-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 1J-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
9,900.00	90.00	1.94	7,421.00	1,763.79	-709.98	1,826.01	0.00	0.00	
10,000.00	90.00	1.94	7,421.00	1,863.73	-706.60	1,925.11	0.00	0.00	
10,100.00	90.00	1.94	7,421.00	1,963.67	-703.22	2,024.22	0.00	0.00	
10,200.00	90.00	1.94	7,421.00	2,063.62	-699.84	2,123.32	0.00	0.00	
10,300.00	90.00	1.94	7,421.00	2,163.56	-696.45	2,222.42	0.00	0.00	
10,400.00	90.00	1.94	7,421.00	2,263.50	-693.07	2,321.52	0.00	0.00	
10,500.00	90.00	1.94	7,421.00	2,363.44	-689.69	2,420.62	0.00	0.00	
10,600.00	90.00	1.94	7,421.00	2,463.39	-686.31	2,519.73	0.00	0.00	
10,700.00	90.00	1.94	7,421.00	2,563.33	-682.93	2,618.83	0.00	0.00	
10,800.00	90.00	1.94	7,421.00	2,663.27	-679.55	2,717.93	0.00	0.00	
10,900.00	90.00	1.94	7,421.00	2,763.22	-676.17	2,817.03	0.00	0.00	
11,000.00	90.00	1.94	7,421.00	2,863.16	-672.79	2,916.13	0.00	0.00	
11,100.00	90.00	1.94	7,421.00	2,963.10	-669.41	3,015.24	0.00	0.00	
11,200.00	90.00	1.94	7,421.00	3,063.04	-666.03	3,114.34	0.00	0.00	
11,300.00	90.00	1.94	7,421.00	3,162.99	-662.65	3,213.44	0.00	0.00	
11,400.00	90.00	1.94	7,421.00	3,262.93	-659.26	3,312.54	0.00	0.00	
11,500.00	90.00	1.94	7,421.00	3,362.87	-655.88	3,411.64	0.00	0.00	
11,600.00	90.00	1.94	7,421.00	3,462.81	-652.50	3,510.75	0.00	0.00	
11,700.00	90.00	1.94	7,421.00	3,562.76	-649.12	3,609.85	0.00	0.00	
11,800.00	90.00	1.94	7,421.00	3,662.70	-645.74	3,708.95	0.00	0.00	
11,900.00	90.00	1.94	7,421.00	3,762.64	-642.36	3,808.05	0.00	0.00	
12,000.00	90.00	1.94	7,421.00	3,862.59	-638.98	3,907.15	0.00	0.00	
12,100.00	90.00	1.94	7,421.00	3,962.53	-635.60	4,006.26	0.00	0.00	
12,103.49	90.00	1.94	7,421.00	3,966.02	-635.48	4,009.72	0.00	0.00	
12,200.00	90.00	0.01	7,421.00	4,062.51	-633.84	4,105.56	2.00	0.00	
12,250.37	90.00	359.00	7,421.00	4,112.87	-634.28	4,155.71	2.00	0.00	
12,300.00	90.00	359.00	7,421.00	4,162.50	-635.15	4,205.18	0.00	0.00	
12,400.00	90.00	359.00	7,421.00	4,262.48	-636.89	4,304.83	0.00	0.00	
12,500.00	90.00	359.00	7,421.00	4,362.47	-638.64	4,404.49	0.00	0.00	
12,600.00	90.00	359.00	7,421.00	4,462.45	-640.38	4,504.15	0.00	0.00	
12,700.00	90.00	359.00	7,421.00	4,562.44	-642.13	4,603.80	0.00	0.00	
12,800.00	90.00	359.00	7,421.00	4,662.42	-643.87	4,703.46	0.00	0.00	
12,900.00	90.00	359.00	7,421.00	4,762.41	-645.62	4,803.12	0.00	0.00	
13,000.00	90.00	359.00	7,421.00	4,862.39	-647.36	4,902.78	0.00	0.00	
13,100.00	90.00	359.00	7,421.00	4,962.38	-649.11	5,002.43	0.00	0.00	
13,200.00	90.00	359.00	7,421.00	5,062.36	-650.85	5,102.09	0.00	0.00	
13,300.00	90.00	359.00	7,421.00	5,162.35	-652.60	5,201.75	0.00	0.00	
13,400.00	90.00	359.00	7,421.00	5,262.33	-654.34	5,301.40	0.00	0.00	
13,500.00	90.00	359.00	7,421.00	5,362.32	-656.09	5,401.06	0.00	0.00	
13,600.00	90.00	359.00	7,421.00	5,462.30	-657.83	5,500.72	0.00	0.00	
13,700.00	90.00	359.00	7,421.00	5,562.29	-659.58	5,600.37	0.00	0.00	
13,800.00	90.00	359.00	7,421.00	5,662.27	-661.32	5,700.03	0.00	0.00	
13,900.00	90.00	359.00	7,421.00	5,762.25	-663.07	5,799.69	0.00	0.00	
14,000.00	90.00	359.00	7,421.00	5,862.24	-664.81	5,899.35	0.00	0.00	
14,100.00	90.00	359.00	7,421.00	5,962.22	-666.56	5,999.00	0.00	0.00	
14,200.00	90.00	359.00	7,421.00	6,062.21	-668.31	6,098.66	0.00	0.00	
14,300.00	90.00	359.00	7,421.00	6,162.19	-670.05	6,198.32	0.00	0.00	
14,400.00	90.00	359.00	7,421.00	6,262.18	-671.80	6,297.97	0.00	0.00	
14,500.00	90.00	359.00	7,421.00	6,362.16	-673.54	6,397.63	0.00	0.00	
14,600.00	90.00	359.00	7,421.00	6,462.15	-675.29	6,497.29	0.00	0.00	
14,700.00	90.00	359.00	7,421.00	6,562.13	-677.03	6,596.95	0.00	0.00	
14,800.00	90.00	359.00	7,421.00	6,662.12	-678.78	6,696.60	0.00	0.00	

Cathedral Energy Services

Planning Report

Database: USA EDM 5000 Multi Users DB	Local Co-ordinate Reference: Well DAVIS 1J-9H-G266 - Slot DAVIS 1J-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 1J-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
14,900.00	90.00	359.00	7,421.00	6,762.10	-680.52	6,796.26	0.00	0.00	
14,900.37	90.00	359.00	7,421.00	6,762.47	-680.53	6,796.62	0.00	0.00	DAVIS 1J-9H-G266 BHL

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
DAVIS 1J-9H-G266 BHL - hit/miss target - Shape - plan hits target center - Point	0.00	0.00	7,421.00	6,762.47	-680.53	1,306,684.30	3,201,104.95	40.173004	-104.780328
DAVIS 1J-9H-G266 TPZ - plan hits target center - Point	0.00	0.00	7,421.00	-205.45	-674.93	1,299,716.66	3,201,167.28	40.153876	-104.780308
DAVIS 1J TGT - plan hits target center - Point	0.00	0.00	7,421.00	1,312.92	-719.51	1,301,234.62	3,201,110.34	40.158044	-104.780467