



CRESTONE PEAK
RESOURCES

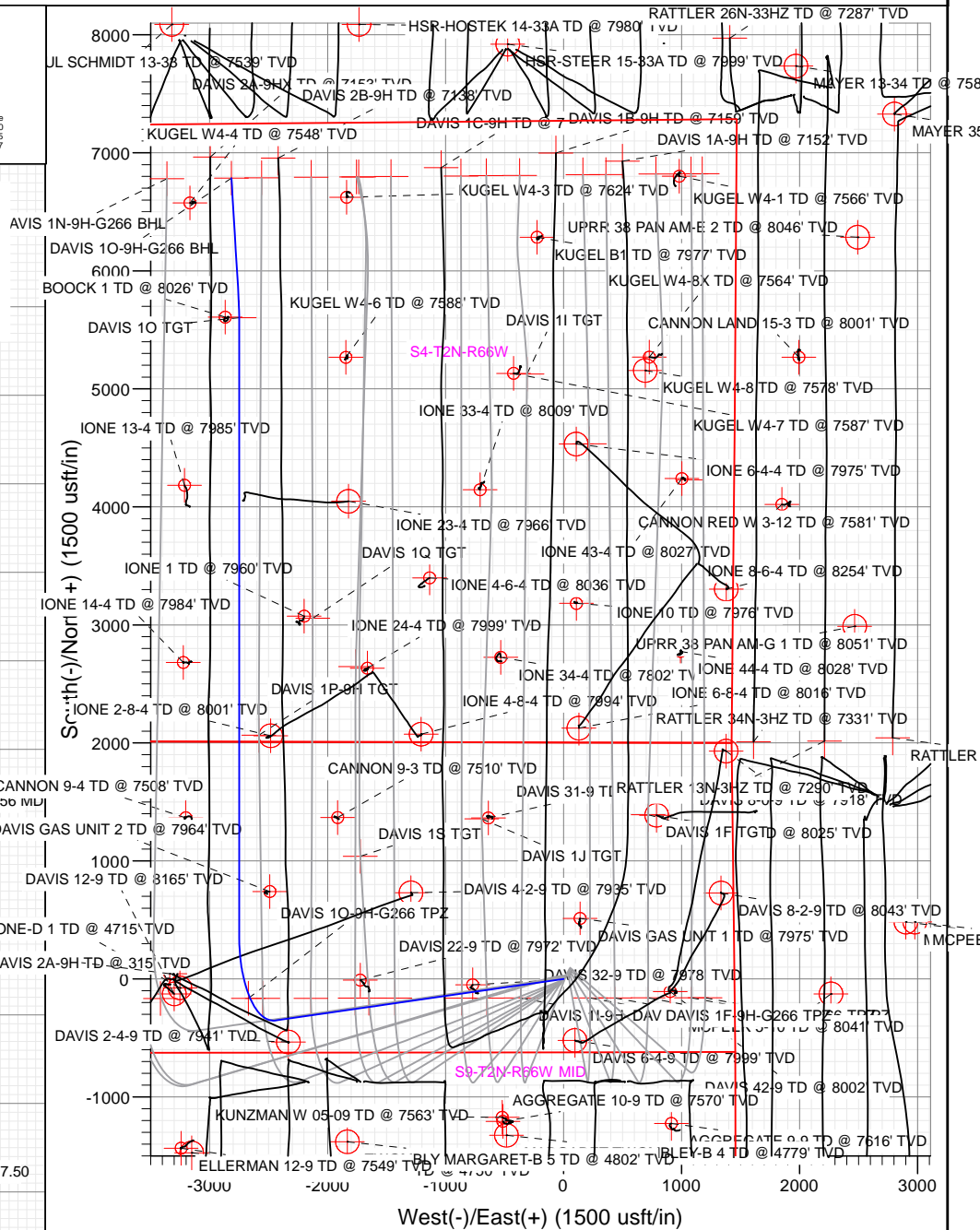
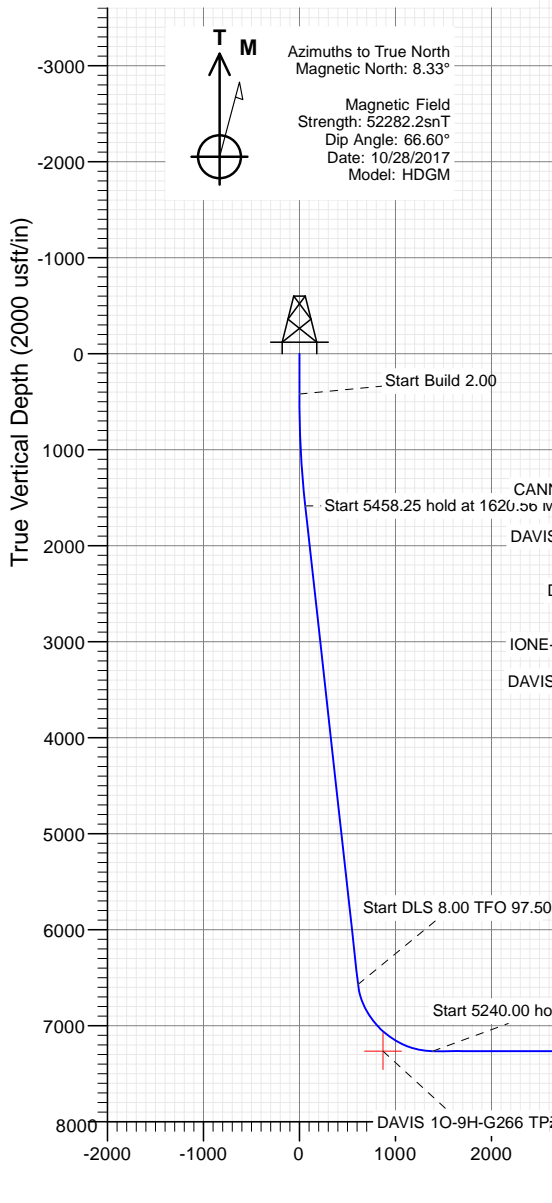
SECTION DETAILS

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	420.00	0.00	0.00	420.00	0.00	0.00	0.00	0.00	0.00	
3	1620.56	24.01	261.80	1585.72	-35.35	-245.37	2.00	261.80	61.36	
4	7078.81	24.01	261.80	6571.65	-352.03	-2443.72	0.00	0.00	611.15	
5	8245.39	90.00	0.00	7265.00	362.96	-2749.42	8.00	97.50	1388.71	
6	13485.39	90.00	0.00	7265.00	5602.96	-2749.42	0.00	0.00	6228.82	DAVIS 10 TGT
7	13655.94	90.00	356.59	7265.00	5773.41	-2754.50	2.00	-90.00	6388.21	
8	14670.22	90.00	356.59	7265.00	6785.90	-2814.85	0.00	0.00	7346.55	DAVIS 10-9H-G266 BHL

PLAN #3
DAVIS 10-9H-G266
23 KB @ 4940.00usft
Ground Level @ 4917.00
North American Datum 1983
Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H, True North

Type	Target	No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From TVD
Name	TVD							
DAVIS 10 TGT	7265.00		5602.96	-2749.42	40.169701	-104.787820		
DAVIS 10-9H-G266 BHL	7265.00		6785.90	-2814.85	40.172949	-104.788055		
DAVIS 10-9H-G266 TPZ	7265.00		-164.57	-2670.80	40.153869	-104.787537		

Project: DJ BASIN
Site: S4-T2N-R66W
Well: DAVIS 10-9H-G266
Wellbore: OH
Design: PLAN #3



Vertical Section at 337.47° (2000 usft/in)

WELL DETAILS: DAVIS 10-9H-G266

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	DAVIS 10-9H
0.00	0.00	1299883.99	3201816.06	40.154321	-104.777982	

CATHEDRAL



Crestone Peak Resources

DJ BASIN

S4-T2N-R66W

DAVIS 10-9H-G266 - Slot DAVIS 10-9H

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 1O-9H-G266 - Slot DAVIS 1O-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 1O-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 1O-9H-G266 - Slot DAVIS 1O-9H					
Well Position	+N/-S	-168.41 usft	Northing:	1,299,883.99 usft	Latitude:	40.154321
	+E/-W	424.96 usft	Easting:	3,201,816.06 usft	Longitude:	-104.777982
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	337.47

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	
420.00	0.00	0.00	420.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,620.56	24.01	261.80	1,585.72	-35.35	-245.37	2.00	2.00	0.00	261.80	
7,078.81	24.01	261.80	6,571.65	-352.03	-2,443.72	0.00	0.00	0.00	0.00	
8,245.39	90.00	0.00	7,265.00	362.96	-2,749.42	8.00	5.66	8.42	97.50	
13,485.39	90.00	0.00	7,265.00	5,602.96	-2,749.42	0.00	0.00	0.00	0.00	DAVIS 1O TGT
13,655.94	90.00	356.59	7,265.00	5,773.41	-2,754.50	2.00	0.00	-2.00	-90.00	
14,670.22	90.00	356.59	7,265.00	6,785.90	-2,814.85	0.00	0.00	0.00	0.00	DAVIS 1O-9H-G266 E

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1O-9H-G266 - Slot DAVIS 1O-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 1O-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	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
420.00	0.00	0.00	420.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	1.60	261.80	499.99	-0.16	-1.11	0.28	2.00	2.00	0.00
600.00	3.60	261.80	599.88	-0.81	-5.60	1.40	2.00	2.00	0.00
700.00	5.60	261.80	699.55	-1.95	-13.53	3.38	2.00	2.00	0.00
800.00	7.60	261.80	798.89	-3.59	-24.91	6.23	2.00	2.00	0.00
900.00	9.60	261.80	897.76	-5.72	-39.71	9.93	2.00	2.00	0.00
1,000.00	11.60	261.80	996.05	-8.34	-57.91	14.48	2.00	2.00	0.00
1,100.00	13.60	261.80	1,093.63	-11.45	-79.51	19.88	2.00	2.00	0.00
1,200.00	15.60	261.80	1,190.40	-15.05	-104.45	26.12	2.00	2.00	0.00
1,300.00	17.60	261.80	1,286.23	-19.12	-132.73	33.19	2.00	2.00	0.00
1,400.00	19.60	261.80	1,381.00	-23.67	-164.30	41.09	2.00	2.00	0.00
1,500.00	21.60	261.80	1,474.60	-28.68	-199.12	49.80	2.00	2.00	0.00
1,600.00	23.60	261.80	1,566.92	-34.16	-237.16	59.31	2.00	2.00	0.00
1,620.56	24.01	261.80	1,585.72	-35.35	-245.37	61.36	2.00	2.00	0.00
1,700.00	24.01	261.80	1,658.29	-39.96	-277.36	69.37	0.00	0.00	0.00
1,800.00	24.01	261.80	1,749.64	-45.76	-317.64	79.44	0.00	0.00	0.00
1,900.00	24.01	261.80	1,840.99	-51.56	-357.92	89.51	0.00	0.00	0.00
2,000.00	24.01	261.80	1,932.33	-57.36	-398.19	99.58	0.00	0.00	0.00
2,100.00	24.01	261.80	2,023.68	-63.16	-438.47	109.66	0.00	0.00	0.00
2,200.00	24.01	261.80	2,115.03	-68.97	-478.74	119.73	0.00	0.00	0.00
2,300.00	24.01	261.80	2,206.37	-74.77	-519.02	129.80	0.00	0.00	0.00
2,400.00	24.01	261.80	2,297.72	-80.57	-559.29	139.87	0.00	0.00	0.00
2,500.00	24.01	261.80	2,389.06	-86.37	-599.57	149.95	0.00	0.00	0.00
2,600.00	24.01	261.80	2,480.41	-92.17	-639.85	160.02	0.00	0.00	0.00
2,700.00	24.01	261.80	2,571.76	-97.98	-680.12	170.09	0.00	0.00	0.00
2,800.00	24.01	261.80	2,663.10	-103.78	-720.40	180.16	0.00	0.00	0.00
2,900.00	24.01	261.80	2,754.45	-109.58	-760.67	190.24	0.00	0.00	0.00
3,000.00	24.01	261.80	2,845.80	-115.38	-800.95	200.31	0.00	0.00	0.00
3,100.00	24.01	261.80	2,937.14	-121.18	-841.22	210.38	0.00	0.00	0.00
3,200.00	24.01	261.80	3,028.49	-126.99	-881.50	220.45	0.00	0.00	0.00
3,300.00	24.01	261.80	3,119.84	-132.79	-921.78	230.53	0.00	0.00	0.00
3,400.00	24.01	261.80	3,211.18	-138.59	-962.05	240.60	0.00	0.00	0.00
3,500.00	24.01	261.80	3,302.53	-144.39	-1,002.33	250.67	0.00	0.00	0.00
3,600.00	24.01	261.80	3,393.88	-150.19	-1,042.60	260.74	0.00	0.00	0.00
3,700.00	24.01	261.80	3,485.22	-156.00	-1,082.88	270.82	0.00	0.00	0.00
3,800.00	24.01	261.80	3,576.57	-161.80	-1,123.15	280.89	0.00	0.00	0.00
3,900.00	24.01	261.80	3,667.92	-167.60	-1,163.43	290.96	0.00	0.00	0.00
4,000.00	24.01	261.80	3,759.26	-173.40	-1,203.71	301.03	0.00	0.00	0.00
4,100.00	24.01	261.80	3,850.61	-179.20	-1,243.98	311.11	0.00	0.00	0.00
4,200.00	24.01	261.80	3,941.96	-185.00	-1,284.26	321.18	0.00	0.00	0.00
4,300.00	24.01	261.80	4,033.30	-190.81	-1,324.53	331.25	0.00	0.00	0.00
4,400.00	24.01	261.80	4,124.65	-196.61	-1,364.81	341.32	0.00	0.00	0.00
4,500.00	24.01	261.80	4,216.00	-202.41	-1,405.08	351.40	0.00	0.00	0.00
4,600.00	24.01	261.80	4,307.34	-208.21	-1,445.36	361.47	0.00	0.00	0.00
4,700.00	24.01	261.80	4,398.69	-214.01	-1,485.64	371.54	0.00	0.00	0.00
4,800.00	24.01	261.80	4,490.04	-219.82	-1,525.91	381.62	0.00	0.00	0.00
4,900.00	24.01	261.80	4,581.38	-225.62	-1,566.19	391.69	0.00	0.00	0.00
5,000.00	24.01	261.80	4,672.73	-231.42	-1,606.46	401.76	0.00	0.00	0.00
5,100.00	24.01	261.80	4,764.08	-237.22	-1,646.74	411.83	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1O-9H-G266 - Slot DAVIS 1O-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 1O-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	24.01	261.80	4,855.42	-243.02	-1,687.01	421.91	0.00	0.00	0.00
5,300.00	24.01	261.80	4,946.77	-248.83	-1,727.29	431.98	0.00	0.00	0.00
5,400.00	24.01	261.80	5,038.12	-254.63	-1,767.57	442.05	0.00	0.00	0.00
5,500.00	24.01	261.80	5,129.46	-260.43	-1,807.84	452.12	0.00	0.00	0.00
5,600.00	24.01	261.80	5,220.81	-266.23	-1,848.12	462.20	0.00	0.00	0.00
5,700.00	24.01	261.80	5,312.16	-272.03	-1,888.39	472.27	0.00	0.00	0.00
5,800.00	24.01	261.80	5,403.50	-277.84	-1,928.67	482.34	0.00	0.00	0.00
5,900.00	24.01	261.80	5,494.85	-283.64	-1,968.94	492.41	0.00	0.00	0.00
6,000.00	24.01	261.80	5,586.20	-289.44	-2,009.22	502.49	0.00	0.00	0.00
6,100.00	24.01	261.80	5,677.54	-295.24	-2,049.50	512.56	0.00	0.00	0.00
6,200.00	24.01	261.80	5,768.89	-301.04	-2,089.77	522.63	0.00	0.00	0.00
6,300.00	24.01	261.80	5,860.24	-306.85	-2,130.05	532.70	0.00	0.00	0.00
6,400.00	24.01	261.80	5,951.58	-312.65	-2,170.32	542.78	0.00	0.00	0.00
6,500.00	24.01	261.80	6,042.93	-318.45	-2,210.60	552.85	0.00	0.00	0.00
6,600.00	24.01	261.80	6,134.28	-324.25	-2,250.87	562.92	0.00	0.00	0.00
6,700.00	24.01	261.80	6,225.62	-330.05	-2,291.15	572.99	0.00	0.00	0.00
6,800.00	24.01	261.80	6,316.97	-335.86	-2,331.43	583.07	0.00	0.00	0.00
6,900.00	24.01	261.80	6,408.32	-341.66	-2,371.70	593.14	0.00	0.00	0.00
7,000.00	24.01	261.80	6,499.66	-347.46	-2,411.98	603.21	0.00	0.00	0.00
7,078.81	24.01	261.80	6,571.65	-352.03	-2,443.72	611.15	0.00	0.00	0.00
7,100.00	23.85	265.96	6,591.02	-352.95	-2,452.26	613.58	8.00	-0.78	19.63
7,200.00	24.58	285.47	6,682.37	-348.82	-2,492.54	632.82	8.00	0.74	19.50
7,300.00	27.58	302.42	6,772.30	-330.83	-2,532.19	664.63	8.00	2.99	16.95
7,400.00	32.20	315.57	6,859.07	-299.35	-2,570.44	708.37	8.00	4.63	13.15
7,500.00	37.87	325.45	6,940.99	-254.97	-2,606.56	763.20	8.00	5.66	9.88
7,600.00	44.16	333.00	7,016.45	-198.56	-2,639.83	828.05	8.00	6.30	7.54
7,700.00	50.85	338.96	7,084.00	-131.22	-2,669.62	901.66	8.00	6.69	5.97
7,780.33	56.41	342.97	7,131.63	-70.10	-2,690.62	966.17	8.00	6.92	4.99
DAVIS 1O-9H-G266 TPZ									
7,800.00	57.79	343.87	7,142.31	-54.27	-2,695.33	982.59	8.00	7.02	4.58
7,900.00	64.89	348.08	7,190.26	30.81	-2,716.47	1,069.28	8.00	7.10	4.20
8,000.00	72.10	351.81	7,226.91	122.35	-2,732.63	1,160.02	8.00	7.21	3.74
8,100.00	79.37	355.25	7,251.54	218.57	-2,743.49	1,253.06	8.00	7.27	3.44
8,200.00	86.68	358.53	7,263.68	317.60	-2,748.84	1,346.59	8.00	7.31	3.28
8,245.39	90.00	0.00	7,265.00	362.96	-2,749.42	1,388.71	8.00	7.32	3.23
8,300.00	90.00	0.00	7,265.00	417.57	-2,749.42	1,439.15	0.00	0.00	0.00
8,400.00	90.00	0.00	7,265.00	517.57	-2,749.42	1,531.52	0.00	0.00	0.00
8,500.00	90.00	0.00	7,265.00	617.57	-2,749.42	1,623.89	0.00	0.00	0.00
8,600.00	90.00	0.00	7,265.00	717.57	-2,749.42	1,716.26	0.00	0.00	0.00
8,700.00	90.00	0.00	7,265.00	817.57	-2,749.42	1,808.63	0.00	0.00	0.00
8,800.00	90.00	0.00	7,265.00	917.57	-2,749.42	1,901.00	0.00	0.00	0.00
8,900.00	90.00	0.00	7,265.00	1,017.57	-2,749.42	1,993.36	0.00	0.00	0.00
9,000.00	90.00	0.00	7,265.00	1,117.57	-2,749.42	2,085.73	0.00	0.00	0.00
9,100.00	90.00	0.00	7,265.00	1,217.57	-2,749.42	2,178.10	0.00	0.00	0.00
9,200.00	90.00	0.00	7,265.00	1,317.57	-2,749.42	2,270.47	0.00	0.00	0.00
9,300.00	90.00	0.00	7,265.00	1,417.57	-2,749.42	2,362.84	0.00	0.00	0.00
9,400.00	90.00	0.00	7,265.00	1,517.57	-2,749.42	2,455.21	0.00	0.00	0.00
9,500.00	90.00	0.00	7,265.00	1,617.57	-2,749.42	2,547.58	0.00	0.00	0.00
9,600.00	90.00	0.00	7,265.00	1,717.57	-2,749.42	2,639.94	0.00	0.00	0.00
9,700.00	90.00	0.00	7,265.00	1,817.57	-2,749.42	2,732.31	0.00	0.00	0.00
9,800.00	90.00	0.00	7,265.00	1,917.57	-2,749.42	2,824.68	0.00	0.00	0.00
9,900.00	90.00	0.00	7,265.00	2,017.57	-2,749.42	2,917.05	0.00	0.00	0.00
10,000.00	90.00	0.00	7,265.00	2,117.57	-2,749.42	3,009.42	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H
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 10-9H-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	0.00	7,265.00	2,217.57	-2,749.42	3,101.79	0.00	0.00	0.00
10,200.00	90.00	0.00	7,265.00	2,317.57	-2,749.42	3,194.15	0.00	0.00	0.00
10,300.00	90.00	0.00	7,265.00	2,417.57	-2,749.42	3,286.52	0.00	0.00	0.00
10,400.00	90.00	0.00	7,265.00	2,517.57	-2,749.42	3,378.89	0.00	0.00	0.00
10,500.00	90.00	0.00	7,265.00	2,617.57	-2,749.42	3,471.26	0.00	0.00	0.00
10,600.00	90.00	0.00	7,265.00	2,717.57	-2,749.42	3,563.63	0.00	0.00	0.00
10,700.00	90.00	0.00	7,265.00	2,817.57	-2,749.42	3,656.00	0.00	0.00	0.00
10,800.00	90.00	0.00	7,265.00	2,917.57	-2,749.42	3,748.37	0.00	0.00	0.00
10,900.00	90.00	0.00	7,265.00	3,017.57	-2,749.42	3,840.73	0.00	0.00	0.00
11,000.00	90.00	0.00	7,265.00	3,117.57	-2,749.42	3,933.10	0.00	0.00	0.00
11,100.00	90.00	0.00	7,265.00	3,217.57	-2,749.42	4,025.47	0.00	0.00	0.00
11,200.00	90.00	0.00	7,265.00	3,317.57	-2,749.42	4,117.84	0.00	0.00	0.00
11,300.00	90.00	0.00	7,265.00	3,417.57	-2,749.42	4,210.21	0.00	0.00	0.00
11,400.00	90.00	0.00	7,265.00	3,517.57	-2,749.42	4,302.58	0.00	0.00	0.00
11,500.00	90.00	0.00	7,265.00	3,617.57	-2,749.42	4,394.95	0.00	0.00	0.00
11,600.00	90.00	0.00	7,265.00	3,717.57	-2,749.42	4,487.31	0.00	0.00	0.00
11,700.00	90.00	0.00	7,265.00	3,817.57	-2,749.42	4,579.68	0.00	0.00	0.00
11,800.00	90.00	0.00	7,265.00	3,917.57	-2,749.42	4,672.05	0.00	0.00	0.00
11,900.00	90.00	0.00	7,265.00	4,017.57	-2,749.42	4,764.42	0.00	0.00	0.00
12,000.00	90.00	0.00	7,265.00	4,117.57	-2,749.42	4,856.79	0.00	0.00	0.00
12,100.00	90.00	0.00	7,265.00	4,217.57	-2,749.42	4,949.16	0.00	0.00	0.00
12,200.00	90.00	0.00	7,265.00	4,317.57	-2,749.42	5,041.53	0.00	0.00	0.00
12,300.00	90.00	0.00	7,265.00	4,417.57	-2,749.42	5,133.89	0.00	0.00	0.00
12,400.00	90.00	0.00	7,265.00	4,517.57	-2,749.42	5,226.26	0.00	0.00	0.00
12,500.00	90.00	0.00	7,265.00	4,617.57	-2,749.42	5,318.63	0.00	0.00	0.00
12,600.00	90.00	0.00	7,265.00	4,717.57	-2,749.42	5,411.00	0.00	0.00	0.00
12,700.00	90.00	0.00	7,265.00	4,817.57	-2,749.42	5,503.37	0.00	0.00	0.00
12,800.00	90.00	0.00	7,265.00	4,917.57	-2,749.42	5,595.74	0.00	0.00	0.00
12,900.00	90.00	0.00	7,265.00	5,017.57	-2,749.42	5,688.10	0.00	0.00	0.00
13,000.00	90.00	0.00	7,265.00	5,117.57	-2,749.42	5,780.47	0.00	0.00	0.00
13,100.00	90.00	0.00	7,265.00	5,217.57	-2,749.42	5,872.84	0.00	0.00	0.00
13,200.00	90.00	0.00	7,265.00	5,317.57	-2,749.42	5,965.21	0.00	0.00	0.00
13,300.00	90.00	0.00	7,265.00	5,417.57	-2,749.42	6,057.58	0.00	0.00	0.00
13,400.00	90.00	0.00	7,265.00	5,517.57	-2,749.42	6,149.95	0.00	0.00	0.00
13,485.39	90.00	0.00	7,265.00	5,602.96	-2,749.42	6,228.82	0.00	0.00	0.00
DAVIS 10 TGT									
13,500.00	90.00	359.71	7,265.00	5,617.57	-2,749.46	6,242.33	2.00	0.00	-2.00
13,600.00	90.00	357.71	7,265.00	5,717.54	-2,751.71	6,335.53	2.00	0.00	-2.00
13,655.94	90.00	356.59	7,265.00	5,773.41	-2,754.50	6,388.21	2.00	0.00	-2.00
13,700.00	90.00	356.59	7,265.00	5,817.39	-2,757.12	6,429.84	0.00	0.00	0.00
13,800.00	90.00	356.59	7,265.00	5,917.22	-2,763.07	6,524.32	0.00	0.00	0.00
13,900.00	90.00	356.59	7,265.00	6,017.04	-2,769.02	6,618.81	0.00	0.00	0.00
14,000.00	90.00	356.59	7,265.00	6,116.86	-2,774.97	6,713.29	0.00	0.00	0.00
14,100.00	90.00	356.59	7,265.00	6,216.69	-2,780.92	6,807.78	0.00	0.00	0.00
14,200.00	90.00	356.59	7,265.00	6,316.51	-2,786.87	6,902.26	0.00	0.00	0.00
14,300.00	90.00	356.59	7,265.00	6,416.33	-2,792.82	6,996.74	0.00	0.00	0.00
14,400.00	90.00	356.59	7,265.00	6,516.15	-2,798.77	7,091.23	0.00	0.00	0.00
14,500.00	90.00	356.59	7,265.00	6,615.98	-2,804.72	7,185.71	0.00	0.00	0.00
14,600.00	90.00	356.59	7,265.00	6,715.80	-2,810.67	7,280.20	0.00	0.00	0.00
14,670.22	90.00	356.59	7,265.00	6,785.90	-2,814.85	7,346.55	0.00	0.00	0.00
DAVIS 10-9H-G266 BHL									

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1O-9H-G266 - Slot DAVIS 1O-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 1O-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 1O-9H-G266 BHI	0.00	0.00	7,265.00	6,785.90	-2,814.85	1,306,646.74	3,198,946.06	40.172949	-104.788055
- plan hits target center									
- Point									
DAVIS 1O TGT	0.00	0.00	7,265.00	5,602.96	-2,749.42	1,305,464.38	3,199,021.11	40.169701	-104.787820
- plan hits target center									
- Point									
DAVIS 1O-9H-G266 TP2	0.00	0.00	7,265.00	-164.57	-2,670.80	1,299,697.68	3,199,146.69	40.153869	-104.787537
- plan misses target center by 164.64usft at 7780.33usft MD (7131.63 TVD, -70.10 N, -2690.62 E)									
- Point									