



CRESTONE PEAK
RESOURCES

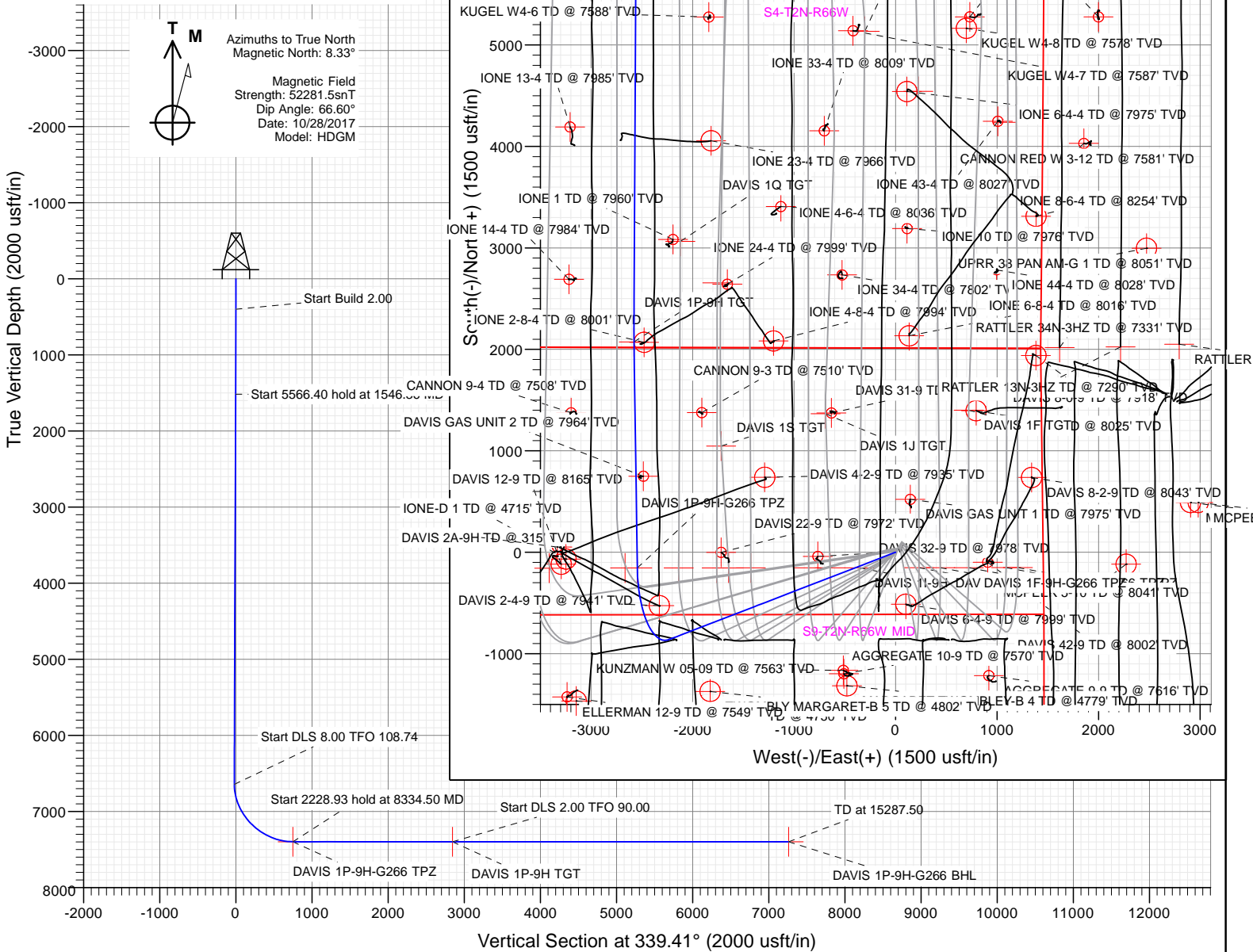
SECTION DETAILS

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	400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	
3	1546.36	22.93	248.93	1516.01	-81.36	-211.19	2.00	248.93	-1.88	
4	7112.76	22.93	248.93	6642.67	-860.92	-2234.66	0.00	0.00	-19.91	
5	8334.50	90.00	359.16	7398.00	-155.74	-2544.88	8.00	108.74	749.32	DAVIS 1P-9H-G266 TPZ
6	10563.44	90.00	359.16	7398.00	2072.95	-2577.71	0.00	0.00	2847.15	DAVIS 1P-9H TGT
7	10620.44	90.00	0.30	7398.00	2129.95	-2577.98	2.00	90.00	2900.61	
8	15287.50	90.00	0.30	7398.00	6796.95	-2553.88	0.00	0.00	7260.91	DAVIS 1P-9H-G266 BHL

PLAN #3
DAVIS 1P-9H-G266
23 KB @ 4940.00usft
Ground Level @ 4917.00
North American Datum 1983
Well DAVIS 1P-9H-G266 - Slot DAVIS 1P-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 1P-9H TGT	7398.00		2072.95	-2577.71	40.159987		-104.787222	
DAVIS 1P-9H-G266 BHL	7398.00		6796.95	-2553.88	40.172955		-104.787139	
DAVIS 1P-9H-G266 TPZ	7398.00		-155.74	-2544.88	40.153869		-104.787104	

Project: DJ BASIN
Site: S4-T2N-R66W
Well: DAVIS 1P-9H-G266
Wellbore: OH
Design: PLAN #3



WELL DETAILS: DAVIS 1P-9H-G266

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	DAVIS 1P-9H
0.00	0.00	1299875.27	3201811.17	40.154297	-104.777999	

CATHEDRAL



Crestone Peak Resources

DJ BASIN

S4-T2N-R66W

DAVIS 1P-9H-G266 - Slot DAVIS 1P-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 1P-9H-G266 - Slot DAVIS 1P-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 1P-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 1P-9H-G266 - Slot DAVIS 1P-9H						
Well Position	+N/-S		-177.09 usft		Northing:		1,299,875.27 usft		Latitude:		40.154297		
	+E/-W		420.00 usft		Easting:		3,201,811.17 usft		Longitude:		-104.778000		
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	52,281.50000000

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	339.41

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	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,546.36	22.93	248.93	1,516.01	-81.36	-211.19	2.00	2.00	0.00	248.93	
7,112.76	22.93	248.93	6,642.67	-860.92	-2,234.66	0.00	0.00	0.00	0.00	
8,334.50	90.00	359.16	7,398.00	-155.74	-2,544.88	8.00	5.49	9.02	108.74	DAVIS 1P-9H-G266 T
10,563.44	90.00	359.16	7,398.00	2,072.95	-2,577.71	0.00	0.00	0.00	0.00	DAVIS 1P-9H TGT
10,620.44	90.00	0.30	7,398.00	2,129.95	-2,577.98	2.00	0.00	2.00	90.00	
15,287.50	90.00	0.30	7,398.00	6,796.95	-2,553.88	0.00	0.00	0.00	0.00	DAVIS 1P-9H-G266 E

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1P-9H-G266 - Slot DAVIS 1P-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 1P-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
500.00	2.00	248.93	499.98	-0.63	-1.63	-0.01	2.00	2.00	0.00
600.00	4.00	248.93	599.84	-2.51	-6.51	-0.06	2.00	2.00	0.00
700.00	6.00	248.93	699.45	-5.64	-14.64	-0.13	2.00	2.00	0.00
800.00	8.00	248.93	798.70	-10.02	-26.02	-0.23	2.00	2.00	0.00
900.00	10.00	248.93	897.47	-15.65	-40.61	-0.36	2.00	2.00	0.00
1,000.00	12.00	248.93	995.62	-22.51	-58.42	-0.52	2.00	2.00	0.00
1,100.00	14.00	248.93	1,093.06	-30.59	-79.41	-0.71	2.00	2.00	0.00
1,200.00	16.00	248.93	1,189.64	-39.90	-103.56	-0.92	2.00	2.00	0.00
1,300.00	18.00	248.93	1,285.27	-50.41	-130.84	-1.17	2.00	2.00	0.00
1,400.00	20.00	248.93	1,379.82	-62.11	-161.22	-1.44	2.00	2.00	0.00
1,500.00	22.00	248.93	1,473.17	-74.99	-194.66	-1.73	2.00	2.00	0.00
1,546.36	22.93	248.93	1,516.01	-81.36	-211.19	-1.88	2.00	2.00	0.00
1,600.00	22.93	248.93	1,565.41	-88.87	-230.69	-2.05	0.00	0.00	0.00
1,700.00	22.93	248.93	1,657.51	-102.88	-267.04	-2.38	0.00	0.00	0.00
1,800.00	22.93	248.93	1,749.61	-116.88	-303.39	-2.70	0.00	0.00	0.00
1,900.00	22.93	248.93	1,841.71	-130.89	-339.74	-3.03	0.00	0.00	0.00
2,000.00	22.93	248.93	1,933.81	-144.89	-376.09	-3.35	0.00	0.00	0.00
2,100.00	22.93	248.93	2,025.91	-158.90	-412.44	-3.67	0.00	0.00	0.00
2,200.00	22.93	248.93	2,118.01	-172.90	-448.80	-4.00	0.00	0.00	0.00
2,300.00	22.93	248.93	2,210.11	-186.91	-485.15	-4.32	0.00	0.00	0.00
2,400.00	22.93	248.93	2,302.21	-200.91	-521.50	-4.65	0.00	0.00	0.00
2,500.00	22.93	248.93	2,394.31	-214.91	-557.85	-4.97	0.00	0.00	0.00
2,600.00	22.93	248.93	2,486.41	-228.92	-594.20	-5.29	0.00	0.00	0.00
2,700.00	22.93	248.93	2,578.51	-242.92	-630.55	-5.62	0.00	0.00	0.00
2,800.00	22.93	248.93	2,670.61	-256.93	-666.91	-5.94	0.00	0.00	0.00
2,900.00	22.93	248.93	2,762.71	-270.93	-703.26	-6.26	0.00	0.00	0.00
3,000.00	22.93	248.93	2,854.81	-284.94	-739.61	-6.59	0.00	0.00	0.00
3,100.00	22.93	248.93	2,946.91	-298.94	-775.96	-6.91	0.00	0.00	0.00
3,200.00	22.93	248.93	3,039.01	-312.95	-812.31	-7.24	0.00	0.00	0.00
3,300.00	22.93	248.93	3,131.11	-326.95	-848.66	-7.56	0.00	0.00	0.00
3,400.00	22.93	248.93	3,223.21	-340.96	-885.02	-7.88	0.00	0.00	0.00
3,500.00	22.93	248.93	3,315.31	-354.96	-921.37	-8.21	0.00	0.00	0.00
3,600.00	22.93	248.93	3,407.41	-368.97	-957.72	-8.53	0.00	0.00	0.00
3,700.00	22.93	248.93	3,499.51	-382.97	-994.07	-8.86	0.00	0.00	0.00
3,800.00	22.93	248.93	3,591.61	-396.98	-1,030.42	-9.18	0.00	0.00	0.00
3,900.00	22.93	248.93	3,683.72	-410.98	-1,066.77	-9.50	0.00	0.00	0.00
4,000.00	22.93	248.93	3,775.82	-424.99	-1,103.13	-9.83	0.00	0.00	0.00
4,100.00	22.93	248.93	3,867.92	-438.99	-1,139.48	-10.15	0.00	0.00	0.00
4,200.00	22.93	248.93	3,960.02	-452.99	-1,175.83	-10.47	0.00	0.00	0.00
4,300.00	22.93	248.93	4,052.12	-467.00	-1,212.18	-10.80	0.00	0.00	0.00
4,400.00	22.93	248.93	4,144.22	-481.00	-1,248.53	-11.12	0.00	0.00	0.00
4,500.00	22.93	248.93	4,236.32	-495.01	-1,284.88	-11.45	0.00	0.00	0.00
4,600.00	22.93	248.93	4,328.42	-509.01	-1,321.24	-11.77	0.00	0.00	0.00
4,700.00	22.93	248.93	4,420.52	-523.02	-1,357.59	-12.09	0.00	0.00	0.00
4,800.00	22.93	248.93	4,512.62	-537.02	-1,393.94	-12.42	0.00	0.00	0.00
4,900.00	22.93	248.93	4,604.72	-551.03	-1,430.29	-12.74	0.00	0.00	0.00
5,000.00	22.93	248.93	4,696.82	-565.03	-1,466.64	-13.07	0.00	0.00	0.00
5,100.00	22.93	248.93	4,788.92	-579.04	-1,502.99	-13.39	0.00	0.00	0.00
5,200.00	22.93	248.93	4,881.02	-593.04	-1,539.35	-13.71	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1P-9H-G266 - Slot DAVIS 1P-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 1P-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)
5,300.00	22.93	248.93	4,973.12	-607.05	-1,575.70	-14.04	0.00	0.00	0.00
5,400.00	22.93	248.93	5,065.22	-621.05	-1,612.05	-14.36	0.00	0.00	0.00
5,500.00	22.93	248.93	5,157.32	-635.06	-1,648.40	-14.68	0.00	0.00	0.00
5,600.00	22.93	248.93	5,249.42	-649.06	-1,684.75	-15.01	0.00	0.00	0.00
5,700.00	22.93	248.93	5,341.52	-663.06	-1,721.10	-15.33	0.00	0.00	0.00
5,800.00	22.93	248.93	5,433.62	-677.07	-1,757.46	-15.66	0.00	0.00	0.00
5,900.00	22.93	248.93	5,525.72	-691.07	-1,793.81	-15.98	0.00	0.00	0.00
6,000.00	22.93	248.93	5,617.82	-705.08	-1,830.16	-16.30	0.00	0.00	0.00
6,100.00	22.93	248.93	5,709.92	-719.08	-1,866.51	-16.63	0.00	0.00	0.00
6,200.00	22.93	248.93	5,802.02	-733.09	-1,902.86	-16.95	0.00	0.00	0.00
6,300.00	22.93	248.93	5,894.12	-747.09	-1,939.21	-17.27	0.00	0.00	0.00
6,400.00	22.93	248.93	5,986.22	-761.10	-1,975.57	-17.60	0.00	0.00	0.00
6,500.00	22.93	248.93	6,078.32	-775.10	-2,011.92	-17.92	0.00	0.00	0.00
6,600.00	22.93	248.93	6,170.42	-789.11	-2,048.27	-18.25	0.00	0.00	0.00
6,700.00	22.93	248.93	6,262.52	-803.11	-2,084.62	-18.57	0.00	0.00	0.00
6,800.00	22.93	248.93	6,354.62	-817.12	-2,120.97	-18.89	0.00	0.00	0.00
6,900.00	22.93	248.93	6,446.72	-831.12	-2,157.32	-19.22	0.00	0.00	0.00
7,000.00	22.93	248.93	6,538.82	-845.13	-2,193.68	-19.54	0.00	0.00	0.00
7,100.00	22.93	248.93	6,630.92	-859.13	-2,230.03	-19.87	0.00	0.00	0.00
7,112.76	22.93	248.93	6,642.67	-860.92	-2,234.66	-19.91	0.00	0.00	0.00
7,200.00	21.66	267.10	6,723.48	-867.85	-2,266.64	-15.15	8.00	-1.45	20.82
7,300.00	22.77	288.16	6,816.21	-862.75	-2,303.52	2.60	8.00	1.11	21.06
7,400.00	26.26	305.60	6,907.30	-843.81	-2,339.96	33.15	8.00	3.49	17.44
7,500.00	31.34	318.49	6,994.98	-811.40	-2,375.24	75.89	8.00	5.08	12.89
7,600.00	37.37	327.85	7,077.55	-766.15	-2,408.68	130.01	8.00	6.03	9.36
7,700.00	43.96	334.85	7,153.41	-708.95	-2,439.64	194.45	8.00	6.58	7.00
7,800.00	50.87	340.32	7,221.06	-640.90	-2,467.49	267.94	8.00	6.92	5.47
7,900.00	58.00	344.80	7,279.20	-563.34	-2,491.72	349.07	8.00	7.13	4.48
8,000.00	65.26	348.62	7,326.70	-477.76	-2,511.83	436.25	8.00	7.26	3.82
8,100.00	72.61	352.01	7,362.63	-385.84	-2,527.45	527.79	8.00	7.35	3.40
8,200.00	80.01	355.15	7,386.30	-289.37	-2,538.26	621.90	8.00	7.40	3.13
8,300.00	87.43	358.14	7,397.23	-190.22	-2,544.06	716.76	8.00	7.43	2.99
8,334.50	90.00	359.16	7,398.00	-155.74	-2,544.88	749.32	8.00	7.44	2.95
DAVIS 1P-9H-G266 TPZ									
8,400.00	90.00	359.16	7,398.00	-90.25	-2,545.84	810.97	0.00	0.00	0.00
8,500.00	90.00	359.16	7,398.00	9.74	-2,547.31	905.08	0.00	0.00	0.00
8,600.00	90.00	359.16	7,398.00	109.73	-2,548.79	999.20	0.00	0.00	0.00
8,700.00	90.00	359.16	7,398.00	209.72	-2,550.26	1,093.32	0.00	0.00	0.00
8,800.00	90.00	359.16	7,398.00	309.71	-2,551.73	1,187.44	0.00	0.00	0.00
8,900.00	90.00	359.16	7,398.00	409.70	-2,553.21	1,281.56	0.00	0.00	0.00
9,000.00	90.00	359.16	7,398.00	509.69	-2,554.68	1,375.67	0.00	0.00	0.00
9,100.00	90.00	359.16	7,398.00	609.67	-2,556.15	1,469.79	0.00	0.00	0.00
9,200.00	90.00	359.16	7,398.00	709.66	-2,557.63	1,563.91	0.00	0.00	0.00
9,300.00	90.00	359.16	7,398.00	809.65	-2,559.10	1,658.03	0.00	0.00	0.00
9,400.00	90.00	359.16	7,398.00	909.64	-2,560.57	1,752.15	0.00	0.00	0.00
9,500.00	90.00	359.16	7,398.00	1,009.63	-2,562.05	1,846.27	0.00	0.00	0.00
9,600.00	90.00	359.16	7,398.00	1,109.62	-2,563.52	1,940.38	0.00	0.00	0.00
9,700.00	90.00	359.16	7,398.00	1,209.61	-2,564.99	2,034.50	0.00	0.00	0.00
9,800.00	90.00	359.16	7,398.00	1,309.60	-2,566.46	2,128.62	0.00	0.00	0.00
9,900.00	90.00	359.16	7,398.00	1,409.59	-2,567.94	2,222.74	0.00	0.00	0.00
10,000.00	90.00	359.16	7,398.00	1,509.58	-2,569.41	2,316.86	0.00	0.00	0.00
10,100.00	90.00	359.16	7,398.00	1,609.57	-2,570.88	2,410.97	0.00	0.00	0.00
10,200.00	90.00	359.16	7,398.00	1,709.56	-2,572.36	2,505.09	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1P-9H-G266 - Slot DAVIS 1P-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 1P-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)
10,300.00	90.00	359.16	7,398.00	1,809.54	-2,573.83	2,599.21	0.00	0.00	0.00
10,400.00	90.00	359.16	7,398.00	1,909.53	-2,575.30	2,693.33	0.00	0.00	0.00
10,500.00	90.00	359.16	7,398.00	2,009.52	-2,576.78	2,787.45	0.00	0.00	0.00
10,563.44	90.00	359.16	7,398.00	2,072.95	-2,577.71	2,847.15	0.00	0.00	0.00
DAVIS 1P-9H TGT									
10,600.00	90.00	359.89	7,398.00	2,109.51	-2,578.02	2,881.49	2.00	0.00	2.00
10,620.44	90.00	0.30	7,398.00	2,129.95	-2,577.98	2,900.61	2.00	0.00	2.00
10,700.00	90.00	0.30	7,398.00	2,209.51	-2,577.57	2,974.94	0.00	0.00	0.00
10,800.00	90.00	0.30	7,398.00	2,309.51	-2,577.06	3,068.37	0.00	0.00	0.00
10,900.00	90.00	0.30	7,398.00	2,409.51	-2,576.54	3,161.79	0.00	0.00	0.00
11,000.00	90.00	0.30	7,398.00	2,509.51	-2,576.02	3,255.22	0.00	0.00	0.00
11,100.00	90.00	0.30	7,398.00	2,609.51	-2,575.51	3,348.65	0.00	0.00	0.00
11,200.00	90.00	0.30	7,398.00	2,709.51	-2,574.99	3,442.07	0.00	0.00	0.00
11,300.00	90.00	0.30	7,398.00	2,809.51	-2,574.47	3,535.50	0.00	0.00	0.00
11,400.00	90.00	0.30	7,398.00	2,909.50	-2,573.96	3,628.93	0.00	0.00	0.00
11,500.00	90.00	0.30	7,398.00	3,009.50	-2,573.44	3,722.36	0.00	0.00	0.00
11,600.00	90.00	0.30	7,398.00	3,109.50	-2,572.93	3,815.78	0.00	0.00	0.00
11,700.00	90.00	0.30	7,398.00	3,209.50	-2,572.41	3,909.21	0.00	0.00	0.00
11,800.00	90.00	0.30	7,398.00	3,309.50	-2,571.89	4,002.64	0.00	0.00	0.00
11,900.00	90.00	0.30	7,398.00	3,409.50	-2,571.38	4,096.07	0.00	0.00	0.00
12,000.00	90.00	0.30	7,398.00	3,509.50	-2,570.86	4,189.49	0.00	0.00	0.00
12,100.00	90.00	0.30	7,398.00	3,609.49	-2,570.34	4,282.92	0.00	0.00	0.00
12,200.00	90.00	0.30	7,398.00	3,709.49	-2,569.83	4,376.35	0.00	0.00	0.00
12,300.00	90.00	0.30	7,398.00	3,809.49	-2,569.31	4,469.77	0.00	0.00	0.00
12,400.00	90.00	0.30	7,398.00	3,909.49	-2,568.79	4,563.20	0.00	0.00	0.00
12,500.00	90.00	0.30	7,398.00	4,009.49	-2,568.28	4,656.63	0.00	0.00	0.00
12,600.00	90.00	0.30	7,398.00	4,109.49	-2,567.76	4,750.06	0.00	0.00	0.00
12,700.00	90.00	0.30	7,398.00	4,209.49	-2,567.24	4,843.48	0.00	0.00	0.00
12,800.00	90.00	0.30	7,398.00	4,309.49	-2,566.73	4,936.91	0.00	0.00	0.00
12,900.00	90.00	0.30	7,398.00	4,409.48	-2,566.21	5,030.34	0.00	0.00	0.00
13,000.00	90.00	0.30	7,398.00	4,509.48	-2,565.69	5,123.77	0.00	0.00	0.00
13,100.00	90.00	0.30	7,398.00	4,609.48	-2,565.18	5,217.19	0.00	0.00	0.00
13,200.00	90.00	0.30	7,398.00	4,709.48	-2,564.66	5,310.62	0.00	0.00	0.00
13,300.00	90.00	0.30	7,398.00	4,809.48	-2,564.15	5,404.05	0.00	0.00	0.00
13,400.00	90.00	0.30	7,398.00	4,909.48	-2,563.63	5,497.47	0.00	0.00	0.00
13,500.00	90.00	0.30	7,398.00	5,009.48	-2,563.11	5,590.90	0.00	0.00	0.00
13,600.00	90.00	0.30	7,398.00	5,109.47	-2,562.60	5,684.33	0.00	0.00	0.00
13,700.00	90.00	0.30	7,398.00	5,209.47	-2,562.08	5,777.76	0.00	0.00	0.00
13,800.00	90.00	0.30	7,398.00	5,309.47	-2,561.56	5,871.18	0.00	0.00	0.00
13,900.00	90.00	0.30	7,398.00	5,409.47	-2,561.05	5,964.61	0.00	0.00	0.00
14,000.00	90.00	0.30	7,398.00	5,509.47	-2,560.53	6,058.04	0.00	0.00	0.00
14,100.00	90.00	0.30	7,398.00	5,609.47	-2,560.01	6,151.46	0.00	0.00	0.00
14,200.00	90.00	0.30	7,398.00	5,709.47	-2,559.50	6,244.89	0.00	0.00	0.00
14,300.00	90.00	0.30	7,398.00	5,809.47	-2,558.98	6,338.32	0.00	0.00	0.00
14,400.00	90.00	0.30	7,398.00	5,909.46	-2,558.46	6,431.75	0.00	0.00	0.00
14,500.00	90.00	0.30	7,398.00	6,009.46	-2,557.95	6,525.17	0.00	0.00	0.00
14,600.00	90.00	0.30	7,398.00	6,109.46	-2,557.43	6,618.60	0.00	0.00	0.00
14,700.00	90.00	0.30	7,398.00	6,209.46	-2,556.91	6,712.03	0.00	0.00	0.00
14,800.00	90.00	0.30	7,398.00	6,309.46	-2,556.40	6,805.46	0.00	0.00	0.00
14,900.00	90.00	0.30	7,398.00	6,409.46	-2,555.88	6,898.88	0.00	0.00	0.00
15,000.00	90.00	0.30	7,398.00	6,509.46	-2,555.37	6,992.31	0.00	0.00	0.00
15,100.00	90.00	0.30	7,398.00	6,609.45	-2,554.85	7,085.74	0.00	0.00	0.00
15,200.00	90.00	0.30	7,398.00	6,709.45	-2,554.33	7,179.16	0.00	0.00	0.00
15,287.50	90.00	0.30	7,398.00	6,796.95	-2,553.88	7,260.91	0.00	0.00	0.00

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well DAVIS 1P-9H-G266 - Slot DAVIS 1P-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 1P-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)
DAVIS 1P-9H-G266 BHL									

Design 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 1P-9H TGT - plan hits target center - Point	0.00	0.00	7,398.00	2,072.95	-2,577.71	1,301,927.17	3,199,216.67	40.159987	-104.787222
DAVIS 1P-9H-G266 BHL - plan hits target center - Point	0.00	0.00	7,398.00	6,796.95	-2,553.88	1,306,651.20	3,199,202.03	40.172955	-104.787139
DAVIS 1P-9H-G266 TPZ - plan hits target center - Point	0.00	0.00	7,398.00	-155.74	-2,544.88	1,299,698.82	3,199,267.65	40.153869	-104.787104