



CRESTONE PEAK
RESOURCES

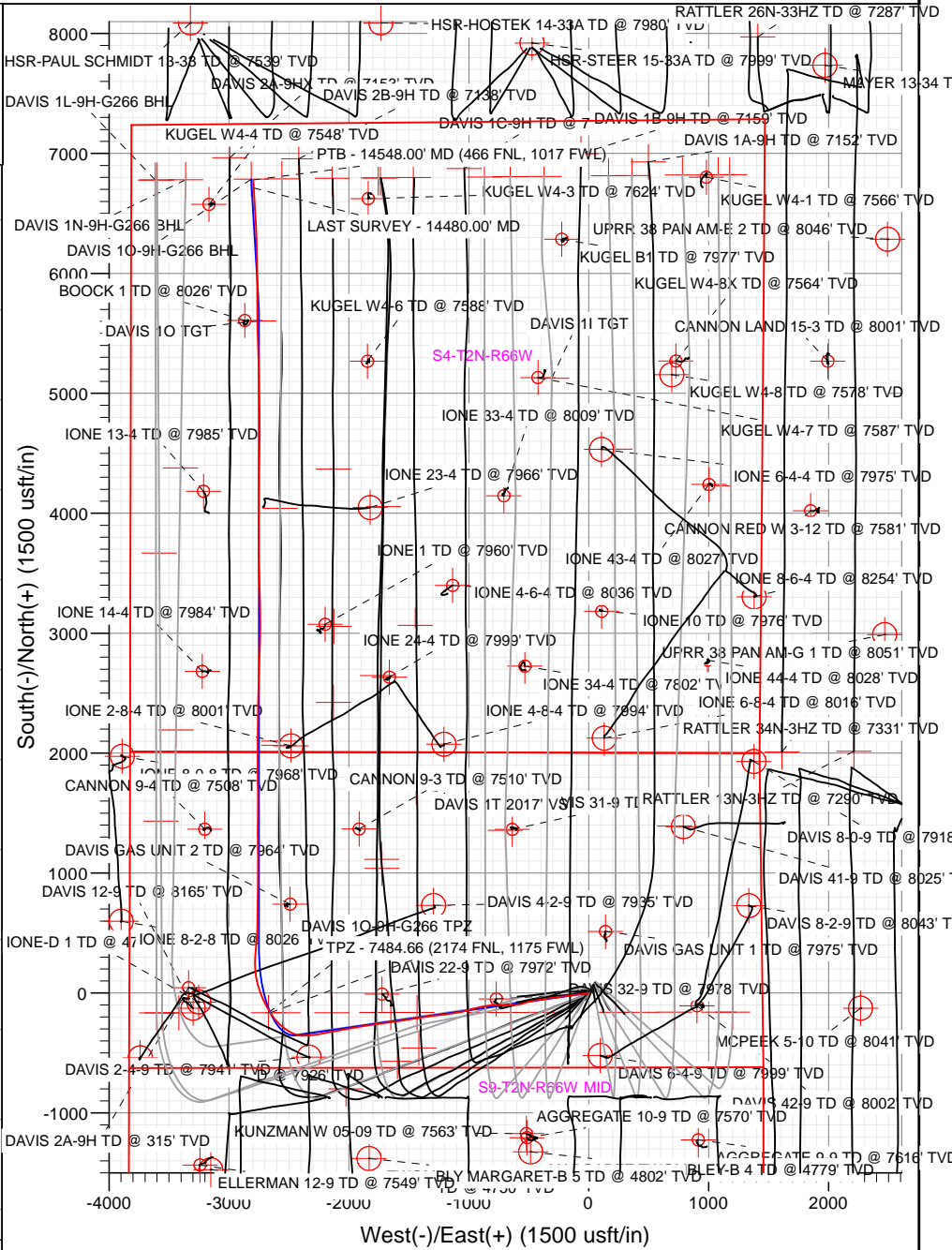
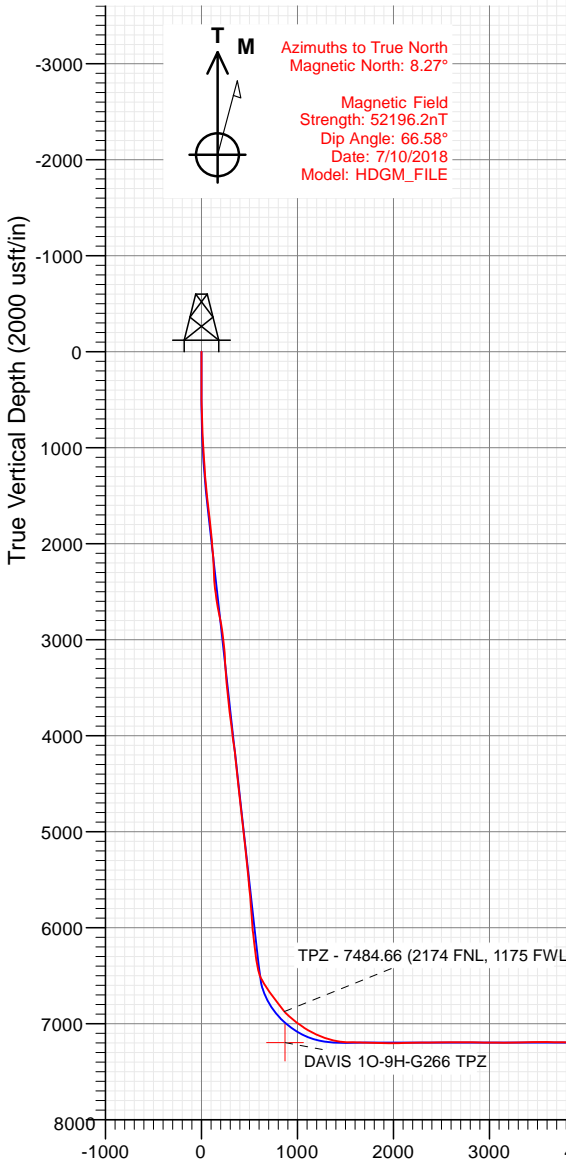
SECTION DETAILS

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	1633.67	24.27	261.79	1597.69	-36.16	-250.67	2.00	261.79	62.65	
4	7015.36	24.27	261.79	6503.61	-352.00	-2440.38	0.00	0.00	609.90	
5	8182.42	90.00	0.00	7196.00	362.96	-2749.42	8.00	97.49	1388.71	
6	13422.42	90.00	0.00	7196.00	5602.96	-2749.42	0.00	0.00	6228.82	DAVIS 10 TGT
7	13592.97	90.00	356.59	7196.00	5773.41	-2754.50	2.00	-90.00	6388.21	
8	14607.26	90.00	356.59	7196.00	6785.90	-2814.85	0.00	0.00	7346.55	DAVIS 10-9H-G266 BHL

FINAL
DAVIS 10-9H-G266
371037 185116 385637 185202
23 KIS @ 4940.00ust
Ground Level @ 4917.00
North American Datum 1983
Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H, True North

Type User	Target No Target (Freehand)	Asimuth 337.47	Origin Type Slot	N/S 0.00	E/W 0.00	From TVD 0.00
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	
DAVIS 10 TGT	7196.00	5602.96	-2749.42	40.169701	-104.787820	
DAVIS 10-9H-G266 BHL	7196.00	6785.90	-2814.85	40.172949	-104.789055	
DAVIS 10-9H-G266 TPZ	7196.00	-164.57	-2670.80	40.153869	-104.787537	

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



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

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	1633.67	24.27	261.79	1597.69	-36.16	-250.67	2.00	261.79	62.65	
4	7015.36	24.27	261.79	6503.61	-352.00	-2440.38	0.00	0.00	609.90	
5	8182.42	90.00	0.00	7196.00	362.96	-2749.42	8.00	97.49	1388.71	
6	13422.42	90.00	0.00	7196.00	5602.96	-2749.42	0.00	0.00	6228.82	DAVIS 1O TGT
7	13592.97	90.00	356.59	7196.00	5773.41	-2754.50	2.00	-90.00	6388.21	
8	14607.26	90.00	356.59	7196.00	6785.90	-2814.85	0.00	0.00	7346.55	DAVIS 1O-9H-G266 BHL

FINAL
DAVIS 1O-9H-G266
371037 185116 385637 185202
23 KB @ 4940.00ust
Ground Level @ 4917.00
North American Datum 1983
Well DAVIS 1O-9H-G266 - Slot DAVIS 1O-9H, True North

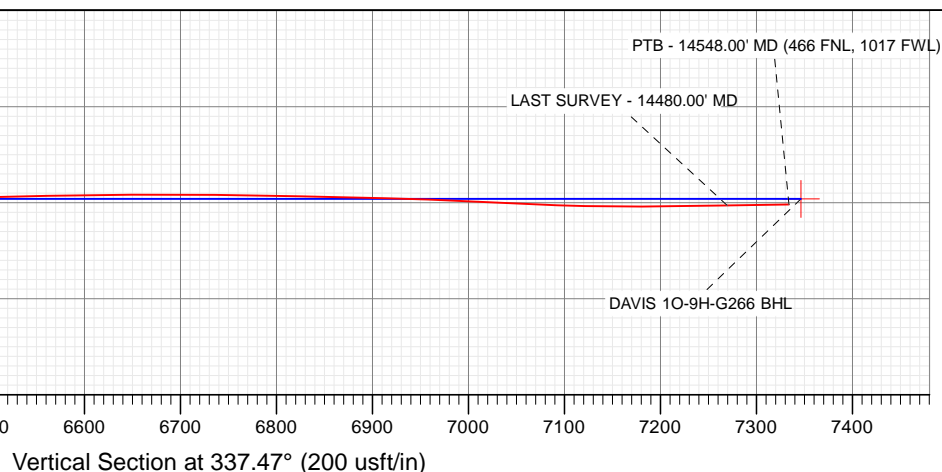
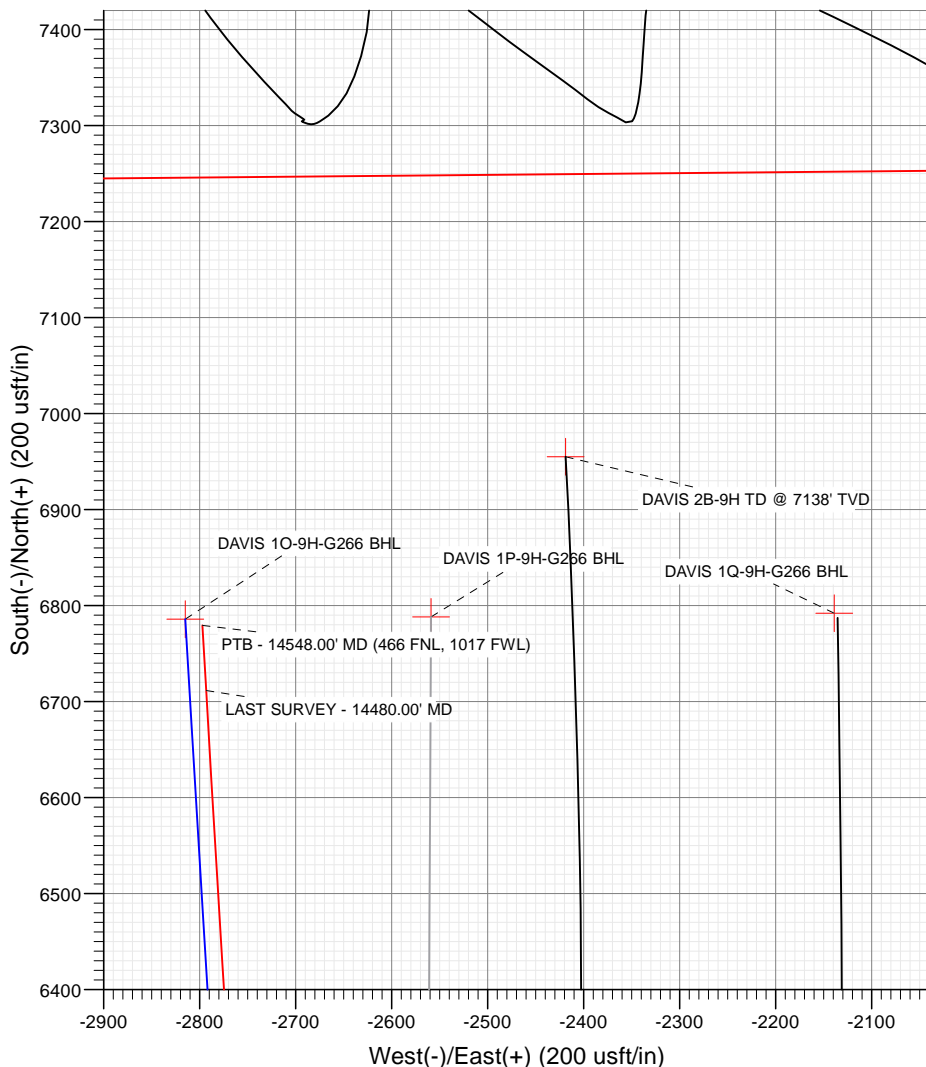
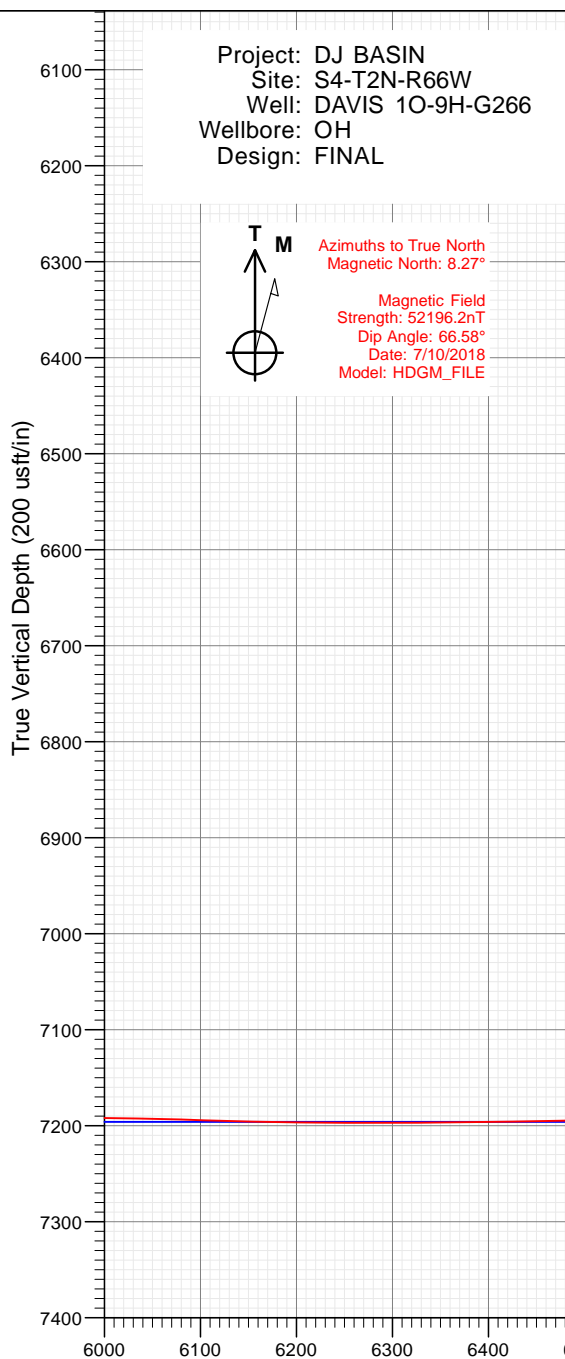
Type	Target	No Target (Freehand)	Asimuth	Origin Type	Slot	N/S	E/W	From TVD
Name	TVD	+N/-S	+E/-W	Latitude	Longitude			
DAVIS 1O TGT	7196.00	5602.96	-2749.42	40.169701	-104.787820			
DAVIS 1O-9H-G266 BHL	7196.00	6785.90	-2814.85	40.172349	-104.789055			
DAVIS 1O-9H-G266 TPZ	7196.00	-164.57	-3070.80	40.153869	-104.787537			

Project: DJ BASIN
Site: S4-T2N-R66W
Well: DAVIS 1O-9H-G266
Wellbore: OH
Design: FINAL



Azimuths to True North
Magnetic North: 8.27°

Magnetic Field
Strength: 52196.2nT
Dip Angle: 66.58°
Date: 7/10/2018
Model: HDGM_FILE



WELL DETAILS: DAVIS 1O-9H-G266

4917.00
+N/-S 0.00 +E/-W 0.00 Northing 1299883.99 Easting 3201816.06 Latitude 40.154321 Longitude -104.777982 DAVIS 1O-9H

CATHEDRAL



Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	MD Reference:	23' KB @ 4940.00usft
Well:	DAVIS 10-9H-G266	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

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 10-9H-G266 - Slot DAVIS 10-9H					
Well Position	+N/-S	0.00 usft	Northing:	1,299,883.99 usft	Latitude:	40.154321
	+E/-W	0.00 usft	Easting:	3,201,816.06 usft	Longitude:	-104.777982
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_FILE	7/10/2018	8.27	66.58	52,196.20000000

Design	FINAL				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	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	

Survey Program	Date	7/11/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
103.00	2,195.00	Survey #1 (OH)	VESSI_GYROFLEX	VESSI Gyroflex Gyro	
2,276.00	14,548.00	Survey #2 (OH)	MWD+HDGM	OWSG MWD + HDGM	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
103.00	0.32	328.61	103.00	0.25	-0.15	0.28	0.31	0.31	
134.00	0.27	298.71	134.00	0.35	-0.26	0.43	0.52	-0.16	
166.00	0.24	317.00	166.00	0.44	-0.37	0.55	0.27	-0.09	
260.00	0.24	314.89	260.00	0.72	-0.64	0.91	0.01	0.00	
354.00	1.69	263.36	353.98	0.70	-2.16	1.48	1.65	1.54	
449.00	2.71	249.03	448.91	-0.26	-5.65	1.92	1.21	1.07	
543.00	4.35	260.55	542.73	-1.65	-11.24	2.79	1.89	1.74	
638.00	6.34	262.22	637.31	-2.95	-19.99	4.94	2.10	2.09	
732.00	8.30	262.22	730.54	-4.57	-31.86	7.99	2.09	2.09	
827.00	9.81	262.92	824.36	-6.49	-46.69	11.89	1.59	1.59	
921.00	10.59	261.43	916.87	-8.77	-63.17	16.11	0.88	0.83	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	MD Reference:	23' KB @ 4940.00usft
Well:	DAVIS 10-9H-G266	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
1,015.00	12.79	263.45	1,008.92	-11.24	-82.05	21.06	2.38	2.34	
1,109.00	15.13	262.66	1,100.13	-14.00	-104.56	27.14	2.50	2.49	
1,204.00	15.23	259.40	1,191.82	-17.88	-129.12	32.96	0.90	0.11	
1,298.00	16.58	260.02	1,282.22	-22.47	-154.47	38.43	1.45	1.44	
1,393.00	19.18	262.13	1,372.62	-26.96	-183.28	45.33	2.82	2.74	
1,487.00	20.88	263.62	1,460.94	-30.93	-215.23	53.89	1.89	1.81	
1,581.00	22.89	265.12	1,548.16	-34.35	-250.09	64.10	2.22	2.14	
1,675.00	23.81	263.45	1,634.46	-38.07	-287.16	74.86	1.21	0.98	
1,769.00	22.60	261.16	1,720.86	-43.01	-323.86	84.36	1.61	-1.29	
1,864.00	22.38	259.58	1,808.63	-49.09	-359.69	92.48	0.68	-0.23	
1,958.00	23.08	260.20	1,895.33	-55.46	-395.44	100.29	0.79	0.74	
2,053.00	23.32	262.04	1,982.65	-61.23	-432.41	109.13	0.80	0.25	
2,147.00	23.00	259.40	2,069.08	-67.19	-468.89	117.60	1.16	-0.34	
2,195.00	21.90	259.93	2,113.44	-70.48	-486.92	121.47	2.33	-2.29	
2,276.00	18.98	253.49	2,189.34	-76.87	-514.44	126.12	4.55	-3.60	
2,370.00	19.16	251.90	2,278.18	-86.00	-543.75	128.91	0.58	0.19	
2,465.00	19.69	259.55	2,367.79	-93.75	-574.32	133.46	2.73	0.56	
2,559.00	20.61	264.65	2,456.04	-98.17	-606.37	141.67	2.11	0.98	
2,654.00	22.59	266.49	2,544.37	-100.84	-641.23	152.55	2.20	2.08	
2,749.00	24.21	270.18	2,631.55	-101.90	-678.92	166.02	2.30	1.71	
2,843.00	26.15	270.80	2,716.62	-101.55	-718.91	181.67	2.08	2.06	
2,937.00	26.72	272.38	2,800.79	-100.38	-760.74	198.77	0.96	0.61	
3,032.00	27.51	262.98	2,885.39	-102.18	-803.88	213.64	4.58	0.83	
3,126.00	26.50	262.45	2,969.14	-107.59	-846.21	224.87	1.10	-1.07	
3,221.00	26.50	259.46	3,054.16	-114.25	-888.06	234.75	1.40	0.00	
3,316.00	27.11	256.30	3,138.96	-123.25	-929.93	242.47	1.63	0.64	
3,410.00	24.52	253.75	3,223.57	-133.78	-969.48	247.90	3.00	-2.76	
3,505.00	25.31	254.63	3,309.73	-144.68	-1,007.98	252.58	0.92	0.83	
3,599.00	24.43	255.95	3,395.01	-154.73	-1,046.22	257.96	1.11	-0.94	
3,694.00	24.57	260.52	3,481.47	-162.75	-1,084.76	265.31	2.00	0.15	
3,788.00	23.86	262.01	3,567.20	-168.61	-1,122.86	274.50	1.00	-0.76	
3,883.00	24.70	262.19	3,653.79	-173.98	-1,161.55	284.37	0.89	0.88	
3,978.00	21.71	262.36	3,741.10	-179.02	-1,198.64	293.93	3.15	-3.15	
4,072.00	22.76	264.56	3,828.11	-183.05	-1,233.98	303.74	1.43	1.12	
4,167.00	26.10	262.80	3,914.59	-187.41	-1,273.01	314.67	3.60	3.52	
4,261.00	27.20	260.96	3,998.60	-193.38	-1,314.75	325.15	1.46	1.17	
4,378.00	29.05	262.27	4,101.78	-201.40	-1,369.31	338.64	1.67	1.58	
4,472.00	28.48	262.27	4,184.19	-207.49	-1,414.13	350.20	0.61	-0.61	
4,567.00	25.66	261.22	4,268.77	-213.68	-1,456.91	360.87	3.01	-2.97	
4,662.00	21.40	260.08	4,355.85	-219.80	-1,494.33	369.55	4.51	-4.48	
4,756.00	23.77	261.22	4,442.64	-225.65	-1,529.95	377.80	2.56	2.52	
4,850.00	21.58	261.04	4,529.37	-231.24	-1,565.75	386.36	2.33	-2.33	
4,945.00	23.47	261.22	4,617.11	-236.84	-1,601.71	394.95	1.99	1.99	
5,040.00	25.62	262.71	4,703.53	-242.34	-1,640.78	404.85	2.35	2.26	
5,134.00	23.69	261.66	4,788.95	-247.66	-1,679.63	414.82	2.11	-2.05	
5,229.00	25.84	262.98	4,875.21	-252.96	-1,719.07	425.04	2.34	2.26	
5,324.00	22.72	261.75	4,961.80	-258.12	-1,757.78	435.10	3.33	-3.28	
5,418.00	23.77	261.57	5,048.17	-263.50	-1,794.48	444.20	1.12	1.12	
5,512.00	26.10	263.33	5,133.40	-268.68	-1,833.77	454.46	2.60	2.48	
5,607.00	23.86	260.16	5,219.51	-274.39	-1,873.46	464.40	2.75	-2.36	
5,701.00	24.79	259.46	5,305.17	-281.25	-1,911.57	472.67	1.04	0.99	
5,795.00	24.65	260.34	5,390.55	-288.14	-1,950.27	481.13	0.42	-0.15	
5,889.00	26.15	257.88	5,475.47	-295.78	-1,989.85	489.24	1.95	1.60	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	MD Reference:	23' KB @ 4940.00usft
Well:	DAVIS 10-9H-G266	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
5,983.00	24.74	261.48	5,560.35	-303.05	-2,029.56	497.74	2.23	-1.50	
6,078.00	20.52	259.29	5,648.02	-309.09	-2,065.59	505.97	4.53	-4.44	
6,172.00	22.50	260.78	5,735.47	-315.03	-2,099.54	513.49	2.18	2.11	
6,267.00	19.47	261.04	5,824.16	-320.41	-2,133.13	521.39	3.19	-3.19	
6,361.00	20.83	255.16	5,912.41	-327.13	-2,164.76	527.30	2.59	1.45	
6,456.00	22.06	259.37	6,000.84	-334.75	-2,198.63	533.24	2.07	1.29	
6,550.00	24.79	262.01	6,087.08	-340.75	-2,235.50	541.83	3.11	2.90	
6,644.00	24.48	259.90	6,172.53	-346.90	-2,274.19	550.97	0.99	-0.33	
6,739.00	25.23	266.23	6,258.74	-351.69	-2,313.78	561.72	2.91	0.79	
6,833.00	26.68	265.70	6,343.26	-354.59	-2,354.82	574.76	1.56	1.54	
6,928.00	25.31	270.10	6,428.66	-356.15	-2,396.40	589.25	2.49	-1.44	
6,975.00	28.56	280.38	6,470.58	-354.11	-2,417.51	599.23	12.06	6.91	
7,022.00	33.79	289.43	6,510.80	-347.73	-2,440.92	614.09	14.91	11.13	
7,069.00	36.87	294.71	6,549.15	-337.48	-2,466.06	633.19	9.22	6.55	
7,117.00	38.54	299.45	6,587.13	-324.10	-2,492.17	655.55	6.97	3.48	
7,164.00	38.67	303.06	6,623.86	-308.89	-2,517.23	679.20	4.80	0.28	
7,211.00	38.63	306.83	6,660.57	-292.09	-2,541.29	703.94	5.01	-0.09	
7,258.00	38.72	311.05	6,697.27	-273.64	-2,564.12	729.73	5.61	0.19	
7,305.00	39.64	316.85	6,733.72	-253.04	-2,585.46	756.94	8.04	1.96	
7,352.00	38.58	317.03	6,770.19	-231.38	-2,605.71	784.70	2.27	-2.26	
7,399.00	38.36	322.83	6,807.00	-209.02	-2,624.51	812.56	7.69	-0.47	
7,446.00	38.19	326.00	6,843.90	-185.35	-2,641.45	840.91	4.19	-0.36	
7,484.66	41.69	327.72	6,873.53	-164.57	-2,655.01	865.30	9.49	9.06	TPZ - 7484.66 (2174 FNL, 1175 FWL)
7,494.00	42.54	328.10	6,880.46	-159.26	-2,658.33	871.48	9.49	9.09	
7,541.00	46.67	329.16	6,913.92	-131.08	-2,675.50	904.08	8.93	8.79	
7,588.00	50.10	331.53	6,945.13	-100.55	-2,692.86	938.94	8.21	7.30	
7,635.00	53.04	335.22	6,974.35	-67.64	-2,709.33	975.65	8.77	6.26	
7,682.00	54.32	338.56	7,002.19	-32.81	-2,724.19	1,013.51	6.34	2.72	
7,729.00	55.55	340.23	7,029.19	3.20	-2,737.72	1,051.96	3.91	2.62	
7,777.00	59.19	341.82	7,055.07	41.42	-2,750.85	1,092.29	8.08	7.58	
7,824.00	61.13	345.77	7,078.46	80.56	-2,762.21	1,132.80	8.38	4.13	
7,871.00	62.31	348.93	7,100.73	120.94	-2,771.27	1,173.56	6.43	2.51	
7,918.00	66.27	354.30	7,121.13	162.81	-2,777.40	1,214.59	13.30	8.43	
7,965.00	71.50	356.41	7,138.06	206.49	-2,780.94	1,256.29	11.89	11.13	
8,012.00	74.27	0.01	7,151.89	251.37	-2,782.33	1,298.29	9.40	5.89	
8,059.00	75.81	2.21	7,164.03	296.77	-2,781.45	1,339.88	5.58	3.28	
8,106.00	78.18	5.11	7,174.60	342.46	-2,778.52	1,380.96	7.85	5.04	
8,154.00	81.17	6.16	7,183.21	389.45	-2,773.88	1,422.59	6.59	6.23	
8,201.00	83.72	4.32	7,189.39	435.84	-2,769.63	1,463.81	6.67	5.43	
8,248.00	89.12	2.12	7,192.32	482.65	-2,767.00	1,506.04	12.40	11.49	
8,343.00	89.03	1.94	7,193.85	577.58	-2,763.63	1,592.43	0.21	-0.09	
8,438.00	87.45	359.83	7,196.77	672.52	-2,762.17	1,679.56	2.77	-1.66	
8,532.00	88.90	2.12	7,199.77	766.45	-2,760.57	1,765.71	2.88	1.54	
8,627.00	89.30	0.71	7,201.26	861.40	-2,758.22	1,852.52	1.54	0.42	
8,721.00	88.68	359.83	7,202.91	955.39	-2,757.78	1,939.16	1.15	-0.66	
8,815.00	91.14	0.62	7,203.06	1,049.38	-2,757.41	2,025.84	2.75	2.62	
8,910.00	91.14	359.66	7,201.17	1,144.36	-2,757.18	2,113.48	1.01	0.00	
9,004.00	90.75	358.69	7,199.62	1,238.33	-2,758.53	2,200.80	1.11	-0.41	
9,099.00	91.49	359.75	7,197.77	1,333.30	-2,759.82	2,289.02	1.36	0.78	
9,193.00	90.53	1.85	7,196.11	1,427.27	-2,758.51	2,375.31	2.46	-1.02	
9,288.00	91.01	0.36	7,194.83	1,522.25	-2,756.68	2,462.34	1.65	0.51	
9,382.00	90.84	359.39	7,193.31	1,616.23	-2,756.89	2,549.23	1.05	-0.18	
9,477.00	90.48	357.81	7,192.22	1,711.19	-2,759.21	2,637.83	1.71	-0.38	

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	MD Reference:	23' KB @ 4940.00usft
Well:	DAVIS 10-9H-G266	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
9,572.00	89.30	359.31	7,192.40	1,806.16	-2,761.59	2,726.46	2.01	-1.24	
9,666.00	88.86	0.98	7,193.91	1,900.14	-2,761.36	2,813.18	1.84	-0.47	
9,761.00	88.73	0.98	7,195.91	1,995.11	-2,759.73	2,900.28	0.14	-0.14	
9,855.00	90.18	359.92	7,196.80	2,089.10	-2,758.99	2,986.81	1.91	1.54	
9,949.00	90.31	359.66	7,196.40	2,183.10	-2,759.34	3,073.77	0.31	0.14	
10,043.00	89.82	1.33	7,196.29	2,277.09	-2,758.53	3,160.28	1.85	-0.52	
10,137.00	90.22	0.80	7,196.26	2,371.07	-2,756.78	3,246.42	0.71	0.43	
10,232.00	91.10	0.18	7,195.17	2,466.06	-2,755.97	3,333.84	1.13	0.93	
10,327.00	90.92	2.29	7,193.49	2,561.02	-2,753.92	3,420.77	2.23	-0.19	
10,421.00	91.10	1.50	7,191.84	2,654.95	-2,750.81	3,506.34	0.86	0.19	
10,516.00	89.39	2.73	7,191.43	2,749.88	-2,747.31	3,592.68	2.22	-1.80	
10,610.00	89.21	1.94	7,192.58	2,843.79	-2,743.48	3,677.96	0.86	-0.19	
10,704.00	89.25	1.42	7,193.84	2,937.75	-2,740.72	3,763.69	0.55	0.04	
10,799.00	89.08	0.36	7,195.23	3,032.72	-2,739.24	3,850.85	1.13	-0.18	
10,893.00	88.73	359.66	7,197.02	3,126.70	-2,739.23	3,937.65	0.83	-0.37	
10,988.00	89.03	358.78	7,198.88	3,221.68	-2,740.52	4,025.87	0.98	0.32	
11,082.00	89.47	358.95	7,200.11	3,315.65	-2,742.38	4,113.39	0.50	0.47	
11,177.00	89.69	358.08	7,200.81	3,410.61	-2,744.85	4,202.05	0.94	0.23	
11,271.00	89.47	358.51	7,201.49	3,504.57	-2,747.64	4,289.90	0.51	-0.23	
11,366.00	89.78	357.72	7,202.12	3,599.52	-2,750.77	4,378.80	0.89	0.33	
11,460.00	90.40	359.22	7,201.97	3,693.48	-2,753.28	4,466.55	1.73	0.66	
11,554.00	90.13	0.89	7,201.53	3,787.47	-2,753.19	4,553.34	1.80	-0.29	
11,649.00	90.70	0.45	7,200.85	3,882.46	-2,752.08	4,640.66	0.76	0.60	
11,743.00	90.79	359.83	7,199.62	3,976.46	-2,751.85	4,727.39	0.67	0.10	
11,837.00	91.58	359.75	7,197.68	4,070.43	-2,752.19	4,814.32	0.84	0.84	
11,931.00	92.11	0.89	7,194.65	4,164.38	-2,751.67	4,900.90	1.34	0.56	
12,025.00	92.55	0.62	7,190.83	4,258.30	-2,750.43	4,987.17	0.55	0.47	
12,120.00	91.36	359.83	7,187.59	4,353.24	-2,750.06	5,074.73	1.50	-1.25	
12,214.00	89.91	1.50	7,186.55	4,447.22	-2,748.96	5,161.12	2.35	-1.54	
12,308.00	89.60	1.50	7,186.95	4,541.19	-2,746.50	5,246.97	0.33	-0.33	
12,402.00	89.52	1.15	7,187.67	4,635.16	-2,744.33	5,332.94	0.38	-0.09	
12,496.00	89.08	0.36	7,188.82	4,729.14	-2,743.09	5,419.27	0.96	-0.47	
12,591.00	89.21	358.95	7,190.24	4,824.13	-2,743.66	5,507.23	1.49	0.14	
12,685.00	89.56	358.95	7,191.25	4,918.11	-2,745.39	5,594.69	0.37	0.37	
12,780.00	90.00	358.34	7,191.61	5,013.08	-2,747.63	5,683.28	0.79	0.46	
12,875.00	90.13	357.55	7,191.50	5,108.02	-2,751.04	5,772.28	0.84	0.14	
12,969.00	90.09	0.71	7,191.32	5,201.99	-2,752.47	5,859.63	3.36	-0.04	
13,063.00	89.60	359.39	7,191.58	5,295.99	-2,752.38	5,946.42	1.50	-0.52	
13,158.00	89.17	356.58	7,192.60	5,390.92	-2,755.72	6,035.38	2.99	-0.45	
13,252.00	88.07	357.46	7,194.86	5,484.76	-2,760.61	6,123.93	1.50	-1.17	
13,347.00	89.65	359.83	7,196.75	5,579.71	-2,762.85	6,212.49	3.00	1.66	
13,441.00	90.18	0.18	7,196.89	5,673.70	-2,762.85	6,299.31	0.68	0.56	
13,536.00	90.53	359.66	7,196.30	5,768.70	-2,762.98	6,387.11	0.66	0.37	
13,630.00	91.06	358.34	7,195.00	5,862.68	-2,764.62	6,474.54	1.51	0.56	
13,724.00	91.45	0.45	7,192.94	5,956.64	-2,765.61	6,561.72	2.28	0.41	
13,819.00	90.09	0.45	7,191.66	6,051.63	-2,764.87	6,649.17	1.43	-1.43	
13,913.00	89.52	358.43	7,191.98	6,145.62	-2,765.78	6,736.34	2.23	-0.61	
14,008.00	88.90	358.34	7,193.29	6,240.57	-2,768.46	6,825.07	0.66	-0.65	
14,102.00	88.59	357.81	7,195.35	6,334.50	-2,771.62	6,913.03	0.65	-0.33	
14,197.00	87.41	356.58	7,198.67	6,429.32	-2,776.26	7,002.40	1.79	-1.24	
14,292.00	87.80	356.32	7,202.64	6,524.06	-2,782.14	7,092.16	0.49	0.41	
14,386.00	90.53	356.84	7,204.01	6,617.87	-2,787.75	7,180.96	2.96	2.90	
14,480.00	90.79	356.58	7,202.92	6,711.71	-2,793.14	7,269.70	0.39	0.28	LAST SURVEY - 14480.00' MD

Cathedral Energy Services

Survey Report

Company:	Crestone Peak Resources	Local Co-ordinate Reference:	Well DAVIS 10-9H-G266 - Slot DAVIS 10-9H
Project:	DJ BASIN	TVD Reference:	23' KB @ 4940.00usft
Site:	S4-T2N-R66W	MD Reference:	23' KB @ 4940.00usft
Well:	DAVIS 10-9H-G266	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	FINAL	Database:	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usf)	Build Rate (°/100u)	Formations / Comments
14,548.00	90.79	356.58	7,201.99	6,779.58	-2,797.20	7,333.95	0.00	0.00	PTB - 14548.00' MD (466 FNL, 1017 FWL)

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
DAVIS 10-9H-G266 BHI	0.00	0.00	7,196.00	6,785.90	-2,814.85	1,306,646.74	3,198,946.06	40.172949	-104.788055
- actual wellpath misses target center by 19.68usft at 14548.00usft MD (7201.99 TVD, 6779.58 N, -2797.20 E)									
- Point									
DAVIS 10 TGT	0.00	0.00	7,196.00	5,602.96	-2,749.42	1,305,464.38	3,199,021.11	40.169701	-104.787820
- actual wellpath misses target center by 13.51usft at 13370.25usft MD (7196.87 TVD, 5602.96 N, -2762.91 E)									
- Point									
DAVIS 10-9H-G266 TPZ	0.00	0.00	7,196.00	-164.57	-2,670.80	1,299,697.68	3,199,146.68	40.153869	-104.787537
- actual wellpath misses target center by 240.36usft at 7682.00usft MD (7002.19 TVD, -32.81 N, -2724.19 E)									
- Point									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,484.66	6,873.53	-164.57	-2,655.01	TPZ - 7484.66 (2174 FNL, 1175 FWL)
14,480.00	7,202.92	6,711.71	-2,793.14	LAST SURVEY - 14480.00' MD
14,548.00	7,201.99	6,779.58	-2,797.20	PTB - 14548.00' MD (466 FNL, 1017 FWL)

Checked By: _____ Approved By: _____ Date: _____