

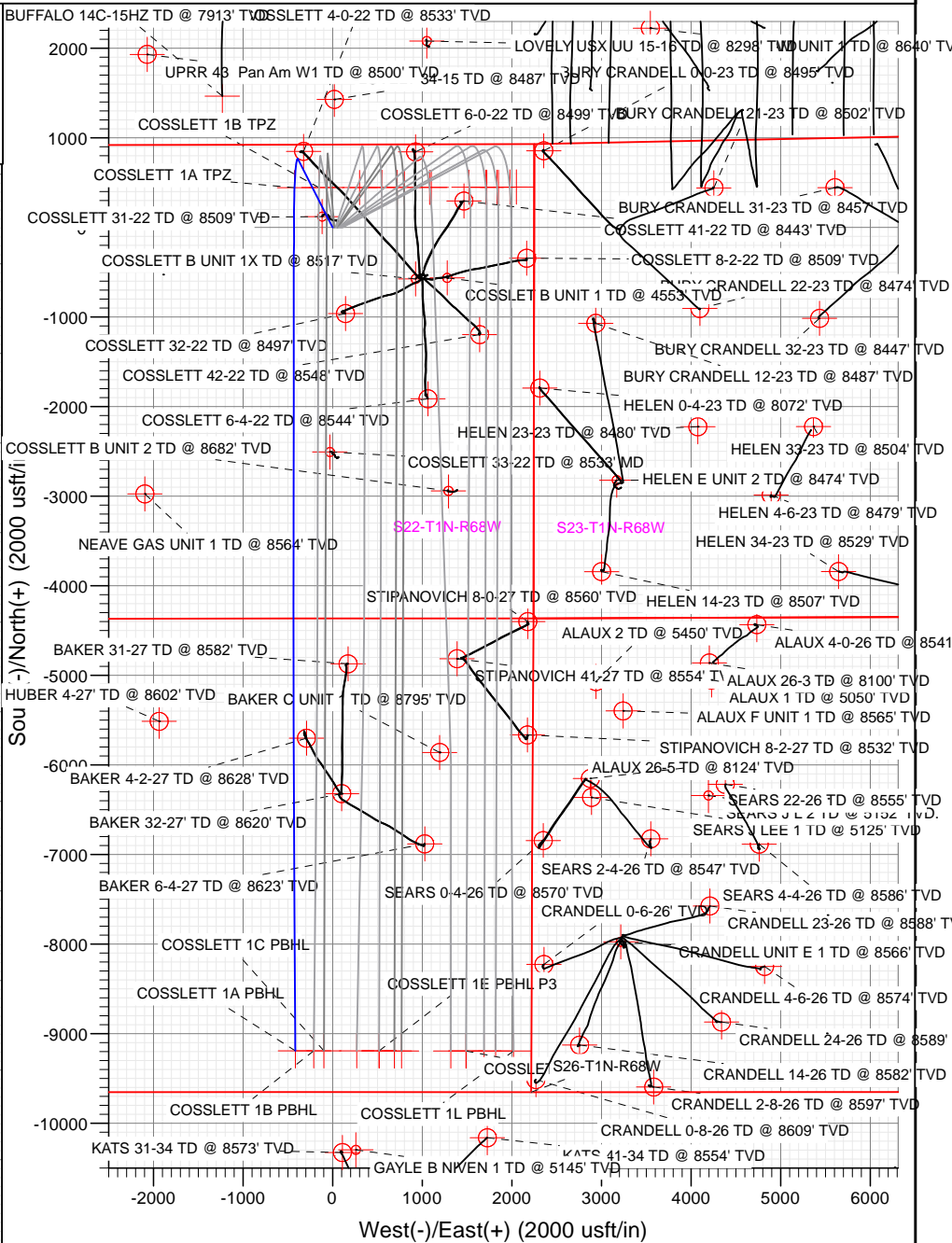


Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
3	559.14	7.18	333.13	558.20	20.05	-10.16	2.00	333.13	-19.58	
4	7208.36	7.18	333.13	7155.24	761.70	-385.87	0.00	0.00	-743.47	
5	8413.38	90.00	180.04	7950.00	50.00	-431.73	8.00	-152.91	-30.43	
6	14163.38	90.00	180.04	7950.00	-5700.00	-436.00	0.00	0.00	5713.88	
7	17182.03	90.00	179.67	7950.00	-5718.65	-435.95	2.00	-90.00	5732.51	
8	17654.09	90.00	179.67	7950.00	-9190.65	-415.93	0.00	0.00	9200.06	COSSLETT 1A PBHL

Type TD	Target No Target (Freehand)	Azimuth 182.59	Origin Type Slot	N/S 0.00	E/W 0.00	From TVD 0.00
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	
COSSLETT 1A TPZ	7832.27	443.70	-424.72	40.042609	-104.989608	
COSSLETT 1A PBHL	7950.00	-9190.65	-415.93	40.016161	-104.989568	

Azimuths to True North
 Magnetic North: 8.45°
 Magnetic Field
 Strength: 52138.2snT
 Dip Angle: 66.43°
 Date: 10/24/2017
 Model: HDGM

Start Build 2.00
 Start 6649.23 hold at 559.14 MD
 Start DLS 8.00 TFO -152.91
 COSSLETT 1A TPZ
 Start 5750.00 hold at 8413.38 MD



			5173.00		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1258338.23	3143327.55	40.041391	-104.988083



Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well COSSLETT 1A-22H-B168
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 5196.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 5196.00usft
Site:	S22-T1N-R68W	North Reference:	True
Well:	COSSLETT 1A-22H-B168	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		S22-T1N-R68W			
Site Position:		Northing:	1,258,338.24 usft	Latitude:	40.041391
From:	Lat/Long	Easting:	3,143,327.55 usft	Longitude:	-104.988083
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.33 °

Well	COSSLETT 1A-22H-B168					
Well Position	+N/-S	0.00 usft	Northing:	1,258,338.23 usft	Latitude:	40.041391
	+E/-W	0.00 usft	Easting:	3,143,327.55 usft	Longitude:	-104.988083
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	5,173.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	HDGM	10/24/2017	8.45	66.43	52,138.20000000

Design	PLAN #3			
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	182.59

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	
559.14	7.18	333.13	558.20	20.05	-10.16	2.00	2.00	0.00	333.13	
7,208.36	7.18	333.13	7,155.24	761.70	-385.87	0.00	0.00	0.00	0.00	
8,413.38	90.00	180.04	7,950.00	50.00	-431.73	8.00	6.87	-12.70	-152.91	
14,163.38	90.00	180.04	7,950.00	-5,700.00	-436.00	0.00	0.00	0.00	0.00	
14,182.03	90.00	179.67	7,950.00	-5,718.65	-435.95	2.00	0.00	-2.00	-90.00	
17,654.09	90.00	179.67	7,950.00	-9,190.65	-415.93	0.00	0.00	0.00	0.00	COSSLETT 1A PBHL

Cathedral Energy Services

Planning Report

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Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 5196.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 5196.00usft
Site:	S22-T1N-R68W	North Reference:	True
Well:	COSSLETT 1A-22H-B168	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 (°/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	333.13	299.98	1.56	-0.79	-1.52	2.00	2.00	
400.00	4.00	333.13	399.84	6.23	-3.15	-6.08	2.00	2.00	
500.00	6.00	333.13	499.45	14.00	-7.09	-13.66	2.00	2.00	
559.14	7.18	333.13	558.20	20.05	-10.16	-19.58	2.00	2.00	
600.00	7.18	333.13	598.74	24.61	-12.47	-24.02	0.00	0.00	
700.00	7.18	333.13	697.95	35.77	-18.12	-34.91	0.00	0.00	
800.00	7.18	333.13	797.17	46.92	-23.77	-45.80	0.00	0.00	
900.00	7.18	333.13	896.39	58.07	-29.42	-56.68	0.00	0.00	
1,000.00	7.18	333.13	995.60	69.23	-35.07	-67.57	0.00	0.00	
1,100.00	7.18	333.13	1,094.82	80.38	-40.72	-78.46	0.00	0.00	
1,200.00	7.18	333.13	1,194.03	91.54	-46.37	-89.35	0.00	0.00	
1,300.00	7.18	333.13	1,293.25	102.69	-52.02	-100.23	0.00	0.00	
1,400.00	7.18	333.13	1,392.46	113.84	-57.67	-111.12	0.00	0.00	
1,500.00	7.18	333.13	1,491.68	125.00	-63.32	-122.01	0.00	0.00	
1,600.00	7.18	333.13	1,590.89	136.15	-68.97	-132.89	0.00	0.00	
1,700.00	7.18	333.13	1,690.11	147.30	-74.62	-143.78	0.00	0.00	
1,800.00	7.18	333.13	1,789.32	158.46	-80.27	-154.67	0.00	0.00	
1,900.00	7.18	333.13	1,888.54	169.61	-85.92	-165.55	0.00	0.00	
2,000.00	7.18	333.13	1,987.75	180.77	-91.57	-176.44	0.00	0.00	
2,100.00	7.18	333.13	2,086.97	191.92	-97.22	-187.33	0.00	0.00	
2,200.00	7.18	333.13	2,186.18	203.07	-102.88	-198.22	0.00	0.00	
2,300.00	7.18	333.13	2,285.40	214.23	-108.53	-209.10	0.00	0.00	
2,400.00	7.18	333.13	2,384.61	225.38	-114.18	-219.99	0.00	0.00	
2,500.00	7.18	333.13	2,483.83	236.54	-119.83	-230.88	0.00	0.00	
2,600.00	7.18	333.13	2,583.04	247.69	-125.48	-241.76	0.00	0.00	
2,700.00	7.18	333.13	2,682.26	258.84	-131.13	-252.65	0.00	0.00	
2,800.00	7.18	333.13	2,781.47	270.00	-136.78	-263.54	0.00	0.00	
2,900.00	7.18	333.13	2,880.69	281.15	-142.43	-274.42	0.00	0.00	
3,000.00	7.18	333.13	2,979.91	292.30	-148.08	-285.31	0.00	0.00	
3,100.00	7.18	333.13	3,079.12	303.46	-153.73	-296.20	0.00	0.00	
3,200.00	7.18	333.13	3,178.34	314.61	-159.38	-307.08	0.00	0.00	
3,300.00	7.18	333.13	3,277.55	325.77	-165.03	-317.97	0.00	0.00	
3,400.00	7.18	333.13	3,376.77	336.92	-170.68	-328.86	0.00	0.00	
3,500.00	7.18	333.13	3,475.98	348.07	-176.33	-339.75	0.00	0.00	
3,600.00	7.18	333.13	3,575.20	359.23	-181.98	-350.63	0.00	0.00	
3,700.00	7.18	333.13	3,674.41	370.38	-187.63	-361.52	0.00	0.00	
3,800.00	7.18	333.13	3,773.63	381.53	-193.28	-372.41	0.00	0.00	
3,900.00	7.18	333.13	3,872.84	392.69	-198.93	-383.29	0.00	0.00	
4,000.00	7.18	333.13	3,972.06	403.84	-204.58	-394.18	0.00	0.00	
4,100.00	7.18	333.13	4,071.27	415.00	-210.23	-405.07	0.00	0.00	
4,200.00	7.18	333.13	4,170.49	426.15	-215.88	-415.95	0.00	0.00	
4,300.00	7.18	333.13	4,269.70	437.30	-221.53	-426.84	0.00	0.00	
4,400.00	7.18	333.13	4,368.92	448.46	-227.18	-437.73	0.00	0.00	
4,500.00	7.18	333.13	4,468.13	459.61	-232.83	-448.61	0.00	0.00	
4,600.00	7.18	333.13	4,567.35	470.76	-238.49	-459.50	0.00	0.00	
4,700.00	7.18	333.13	4,666.56	481.92	-244.14	-470.39	0.00	0.00	
4,800.00	7.18	333.13	4,765.78	493.07	-249.79	-481.28	0.00	0.00	
4,900.00	7.18	333.13	4,865.00	504.23	-255.44	-492.16	0.00	0.00	
5,000.00	7.18	333.13	4,964.21	515.38	-261.09	-503.05	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well COSSLETT 1A-22H-B168
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 5196.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 5196.00usft
Site:	S22-T1N-R68W	North Reference:	True
Well:	COSSLETT 1A-22H-B168	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 (°/100u)	Comments / Formations
5,100.00	7.18	333.13	5,063.43	526.53	-266.74	-513.94	0.00	0.00	
5,200.00	7.18	333.13	5,162.64	537.69	-272.39	-524.82	0.00	0.00	
5,300.00	7.18	333.13	5,261.86	548.84	-278.04	-535.71	0.00	0.00	
5,400.00	7.18	333.13	5,361.07	560.00	-283.69	-546.60	0.00	0.00	
5,500.00	7.18	333.13	5,460.29	571.15	-289.34	-557.48	0.00	0.00	
5,600.00	7.18	333.13	5,559.50	582.30	-294.99	-568.37	0.00	0.00	
5,700.00	7.18	333.13	5,658.72	593.46	-300.64	-579.26	0.00	0.00	
5,800.00	7.18	333.13	5,757.93	604.61	-306.29	-590.15	0.00	0.00	
5,900.00	7.18	333.13	5,857.15	615.76	-311.94	-601.03	0.00	0.00	
6,000.00	7.18	333.13	5,956.36	626.92	-317.59	-611.92	0.00	0.00	
6,100.00	7.18	333.13	6,055.58	638.07	-323.24	-622.81	0.00	0.00	
6,200.00	7.18	333.13	6,154.79	649.23	-328.89	-633.69	0.00	0.00	
6,300.00	7.18	333.13	6,254.01	660.38	-334.54	-644.58	0.00	0.00	
6,400.00	7.18	333.13	6,353.22	671.53	-340.19	-655.47	0.00	0.00	
6,500.00	7.18	333.13	6,452.44	682.69	-345.84	-666.35	0.00	0.00	
6,600.00	7.18	333.13	6,551.65	693.84	-351.49	-677.24	0.00	0.00	
6,700.00	7.18	333.13	6,650.87	704.99	-357.14	-688.13	0.00	0.00	
6,800.00	7.18	333.13	6,750.08	716.15	-362.79	-699.01	0.00	0.00	
6,900.00	7.18	333.13	6,849.30	727.30	-368.44	-709.90	0.00	0.00	
7,000.00	7.18	333.13	6,948.52	738.46	-374.10	-720.79	0.00	0.00	
7,100.00	7.18	333.13	7,047.73	749.61	-379.75	-731.68	0.00	0.00	
7,200.00	7.18	333.13	7,146.95	760.76	-385.40	-742.56	0.00	0.00	
7,208.36	7.18	333.13	7,155.24	761.70	-385.87	-743.47	0.00	0.00	
7,300.00	3.39	254.14	7,246.56	766.07	-391.07	-747.61	8.00	-4.13	
7,400.00	9.50	199.96	7,345.95	757.49	-396.75	-738.78	8.00	6.11	
7,500.00	17.23	190.64	7,443.18	735.14	-402.31	-716.20	8.00	7.73	
7,600.00	25.13	187.03	7,536.35	699.45	-407.65	-680.30	8.00	7.90	
7,700.00	33.07	185.07	7,623.66	651.12	-412.67	-631.79	8.00	7.94	
7,800.00	41.04	183.80	7,703.41	591.09	-417.26	-571.62	8.00	7.96	
7,900.00	49.01	182.88	7,774.03	520.52	-421.34	-500.94	8.00	7.97	
7,996.54	56.71	182.19	7,832.27	443.70	-424.72	-424.04	8.00	7.98	COSSLETT 1A TPZ
8,000.00	56.99	182.17	7,834.16	440.80	-424.83	-421.14	8.00	7.98	
8,100.00	64.97	181.57	7,882.63	353.47	-427.66	-333.78	8.00	7.98	
8,200.00	72.96	181.04	7,918.50	260.23	-429.77	-240.54	8.00	7.99	
8,300.00	80.94	180.56	7,941.06	162.91	-431.13	-143.25	8.00	7.99	
8,400.00	88.93	180.10	7,949.88	63.38	-431.71	-43.80	8.00	7.99	
8,413.38	90.00	180.04	7,950.00	50.00	-431.73	-30.43	8.00	7.99	
8,500.00	90.00	180.04	7,950.00	-36.62	-431.79	56.10	0.00	0.00	
8,600.00	90.00	180.04	7,950.00	-136.62	-431.86	156.01	0.00	0.00	
8,700.00	90.00	180.04	7,950.00	-236.62	-431.94	255.91	0.00	0.00	
8,800.00	90.00	180.04	7,950.00	-336.62	-432.01	355.81	0.00	0.00	
8,900.00	90.00	180.04	7,950.00	-436.62	-432.09	455.71	0.00	0.00	
9,000.00	90.00	180.04	7,950.00	-536.62	-432.16	555.61	0.00	0.00	
9,100.00	90.00	180.04	7,950.00	-636.62	-432.24	655.51	0.00	0.00	
9,200.00	90.00	180.04	7,950.00	-736.62	-432.31	755.41	0.00	0.00	
9,300.00	90.00	180.04	7,950.00	-836.62	-432.39	855.31	0.00	0.00	
9,400.00	90.00	180.04	7,950.00	-936.62	-432.46	955.21	0.00	0.00	
9,500.00	90.00	180.04	7,950.00	-1,036.62	-432.53	1,055.12	0.00	0.00	
9,600.00	90.00	180.04	7,950.00	-1,136.62	-432.61	1,155.02	0.00	0.00	
9,700.00	90.00	180.04	7,950.00	-1,236.62	-432.68	1,254.92	0.00	0.00	
9,800.00	90.00	180.04	7,950.00	-1,336.62	-432.76	1,354.82	0.00	0.00	
9,900.00	90.00	180.04	7,950.00	-1,436.62	-432.83	1,454.72	0.00	0.00	

Cathedral Energy Services

Planning Report

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Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 5196.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 5196.00usft
Site:	S22-T1N-R68W	North Reference:	True
Well:	COSSLETT 1A-22H-B168	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 (°/100u)	Comments / Formations
10,000.00	90.00	180.04	7,950.00	-1,536.62	-432.91	1,554.62	0.00	0.00	
10,100.00	90.00	180.04	7,950.00	-1,636.62	-432.98	1,654.52	0.00	0.00	
10,200.00	90.00	180.04	7,950.00	-1,736.62	-433.05	1,754.42	0.00	0.00	
10,300.00	90.00	180.04	7,950.00	-1,836.62	-433.13	1,854.32	0.00	0.00	
10,400.00	90.00	180.04	7,950.00	-1,936.62	-433.20	1,954.23	0.00	0.00	
10,500.00	90.00	180.04	7,950.00	-2,036.62	-433.28	2,054.13	0.00	0.00	
10,600.00	90.00	180.04	7,950.00	-2,136.62	-433.35	2,154.03	0.00	0.00	
10,700.00	90.00	180.04	7,950.00	-2,236.62	-433.43	2,253.93	0.00	0.00	
10,800.00	90.00	180.04	7,950.00	-2,336.62	-433.50	2,353.83	0.00	0.00	
10,900.00	90.00	180.04	7,950.00	-2,436.62	-433.57	2,453.73	0.00	0.00	
11,000.00	90.00	180.04	7,950.00	-2,536.62	-433.65	2,553.63	0.00	0.00	
11,100.00	90.00	180.04	7,950.00	-2,636.62	-433.72	2,653.53	0.00	0.00	
11,200.00	90.00	180.04	7,950.00	-2,736.62	-433.80	2,753.43	0.00	0.00	
11,300.00	90.00	180.04	7,950.00	-2,836.62	-433.87	2,853.33	0.00	0.00	
11,400.00	90.00	180.04	7,950.00	-2,936.62	-433.95	2,953.24	0.00	0.00	
11,500.00	90.00	180.04	7,950.00	-3,036.62	-434.02	3,053.14	0.00	0.00	
11,600.00	90.00	180.04	7,950.00	-3,136.62	-434.09	3,153.04	0.00	0.00	
11,700.00	90.00	180.04	7,950.00	-3,236.62	-434.17	3,252.94	0.00	0.00	
11,800.00	90.00	180.04	7,950.00	-3,336.62	-434.24	3,352.84	0.00	0.00	
11,900.00	90.00	180.04	7,950.00	-3,436.62	-434.32	3,452.74	0.00	0.00	
12,000.00	90.00	180.04	7,950.00	-3,536.62	-434.39	3,552.64	0.00	0.00	
12,100.00	90.00	180.04	7,950.00	-3,636.62	-434.47	3,652.54	0.00	0.00	
12,200.00	90.00	180.04	7,950.00	-3,736.62	-434.54	3,752.44	0.00	0.00	
12,300.00	90.00	180.04	7,950.00	-3,836.62	-434.62	3,852.35	0.00	0.00	
12,400.00	90.00	180.04	7,950.00	-3,936.62	-434.69	3,952.25	0.00	0.00	
12,500.00	90.00	180.04	7,950.00	-4,036.62	-434.76	4,052.15	0.00	0.00	
12,600.00	90.00	180.04	7,950.00	-4,136.62	-434.84	4,152.05	0.00	0.00	
12,700.00	90.00	180.04	7,950.00	-4,236.62	-434.91	4,251.95	0.00	0.00	
12,800.00	90.00	180.04	7,950.00	-4,336.62	-434.99	4,351.85	0.00	0.00	
12,900.00	90.00	180.04	7,950.00	-4,436.62	-435.06	4,451.75	0.00	0.00	
13,000.00	90.00	180.04	7,950.00	-4,536.62	-435.14	4,551.65	0.00	0.00	
13,100.00	90.00	180.04	7,950.00	-4,636.62	-435.21	4,651.55	0.00	0.00	
13,200.00	90.00	180.04	7,950.00	-4,736.62	-435.28	4,751.46	0.00	0.00	
13,300.00	90.00	180.04	7,950.00	-4,836.62	-435.36	4,851.36	0.00	0.00	
13,400.00	90.00	180.04	7,950.00	-4,936.62	-435.43	4,951.26	0.00	0.00	
13,500.00	90.00	180.04	7,950.00	-5,036.62	-435.51	5,051.16	0.00	0.00	
13,600.00	90.00	180.04	7,950.00	-5,136.62	-435.58	5,151.06	0.00	0.00	
13,700.00	90.00	180.04	7,950.00	-5,236.62	-435.66	5,250.96	0.00	0.00	
13,800.00	90.00	180.04	7,950.00	-5,336.62	-435.73	5,350.86	0.00	0.00	
13,900.00	90.00	180.04	7,950.00	-5,436.62	-435.80	5,450.76	0.00	0.00	
14,000.00	90.00	180.04	7,950.00	-5,536.62	-435.88	5,550.66	0.00	0.00	
14,100.00	90.00	180.04	7,950.00	-5,636.62	-435.95	5,650.57	0.00	0.00	
14,163.38	90.00	180.04	7,950.00	-5,700.00	-436.00	5,713.88	0.00	0.00	
14,182.03	90.00	179.67	7,950.00	-5,718.65	-435.95	5,732.51	2.00	0.00	
14,200.00	90.00	179.67	7,950.00	-5,736.62	-435.85	5,750.46	0.00	0.00	
14,300.00	90.00	179.67	7,950.00	-5,836.62	-435.27	5,850.33	0.00	0.00	
14,400.00	90.00	179.67	7,950.00	-5,936.62	-434.70	5,950.20	0.00	0.00	
14,500.00	90.00	179.67	7,950.00	-6,036.61	-434.12	6,050.07	0.00	0.00	
14,600.00	90.00	179.67	7,950.00	-6,136.61	-433.54	6,149.94	0.00	0.00	
14,700.00	90.00	179.67	7,950.00	-6,236.61	-432.97	6,249.81	0.00	0.00	
14,800.00	90.00	179.67	7,950.00	-6,336.61	-432.39	6,349.68	0.00	0.00	
14,900.00	90.00	179.67	7,950.00	-6,436.61	-431.81	6,449.55	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well COSSLETT 1A-22H-B168
Company:	Crestone Peak Resources	TVD Reference:	23' KB @ 5196.00usft
Project:	DJ BASIN	MD Reference:	23' KB @ 5196.00usft
Site:	S22-T1N-R68W	North Reference:	True
Well:	COSSLETT 1A-22H-B168	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 (°/100u)	Comments / Formations
15,000.00	90.00	179.67	7,950.00	-6,536.61	-431.24	6,549.42	0.00	0.00	
15,100.00	90.00	179.67	7,950.00	-6,636.60	-430.66	6,649.29	0.00	0.00	
15,200.00	90.00	179.67	7,950.00	-6,736.60	-430.08	6,749.16	0.00	0.00	
15,300.00	90.00	179.67	7,950.00	-6,836.60	-429.51	6,849.03	0.00	0.00	
15,400.00	90.00	179.67	7,950.00	-6,936.60	-428.93	6,948.90	0.00	0.00	
15,500.00	90.00	179.67	7,950.00	-7,036.60	-428.35	7,048.77	0.00	0.00	
15,600.00	90.00	179.67	7,950.00	-7,136.60	-427.78	7,148.64	0.00	0.00	
15,700.00	90.00	179.67	7,950.00	-7,236.59	-427.20	7,248.51	0.00	0.00	
15,800.00	90.00	179.67	7,950.00	-7,336.59	-426.62	7,348.38	0.00	0.00	
15,900.00	90.00	179.67	7,950.00	-7,436.59	-426.05	7,448.25	0.00	0.00	
16,000.00	90.00	179.67	7,950.00	-7,536.59	-425.47	7,548.12	0.00	0.00	
16,100.00	90.00	179.67	7,950.00	-7,636.59	-424.89	7,647.99	0.00	0.00	
16,200.00	90.00	179.67	7,950.00	-7,736.59	-424.32	7,747.86	0.00	0.00	
16,300.00	90.00	179.67	7,950.00	-7,836.58	-423.74	7,847.73	0.00	0.00	
16,400.00	90.00	179.67	7,950.00	-7,936.58	-423.16	7,947.60	0.00	0.00	
16,500.00	90.00	179.67	7,950.00	-8,036.58	-422.59	8,047.47	0.00	0.00	
16,600.00	90.00	179.67	7,950.00	-8,136.58	-422.01	8,147.34	0.00	0.00	
16,700.00	90.00	179.67	7,950.00	-8,236.58	-421.43	8,247.21	0.00	0.00	
16,800.00	90.00	179.67	7,950.00	-8,336.58	-420.86	8,347.08	0.00	0.00	
16,900.00	90.00	179.67	7,950.00	-8,436.57	-420.28	8,446.95	0.00	0.00	
17,000.00	90.00	179.67	7,950.00	-8,536.57	-419.70	8,546.82	0.00	0.00	
17,100.00	90.00	179.67	7,950.00	-8,636.57	-419.12	8,646.69	0.00	0.00	
17,200.00	90.00	179.67	7,950.00	-8,736.57	-418.55	8,746.56	0.00	0.00	
17,300.00	90.00	179.67	7,950.00	-8,836.57	-417.97	8,846.43	0.00	0.00	
17,400.00	90.00	179.67	7,950.00	-8,936.57	-417.39	8,946.30	0.00	0.00	
17,500.00	90.00	179.67	7,950.00	-9,036.56	-416.82	9,046.17	0.00	0.00	
17,600.00	90.00	179.67	7,950.00	-9,136.56	-416.24	9,146.04	0.00	0.00	
17,654.09	90.00	179.67	7,950.00	-9,190.65	-415.93	9,200.06	0.00	0.00	COSSLETT 1A PBHL

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
COSSLETT 1A TPZ - plan hits target center - Point	0.00	0.00	7,832.27	443.70	-424.72	1,258,779.47	3,142,900.27	40.042609	-104.989600
COSSLETT 1A PBHL - plan hits target center - Point	0.00	0.00	7,950.00	-9,190.65	-415.93	1,249,145.33	3,142,964.68	40.016161	-104.989568