

Chisholm Energy Holdings, LLC

Eddy County, NM (NAD83)

Sec 15-T23S-R26E

Dark Canyon 15-22 State Com WCB 2H

Wellbore #1

Plan: Plan #1

NM OIL CONSERVATION

ARTESIA DISTRICT

JAN 23 2018

RECEIVED

Standard Planning Report

26 January, 2018



INTEGRITY
DIRECTIONAL

Planning Report



Database:	EDM 5000.1	Local Coordinates:	Well Dark Canyon 15-22 State Com WCB 2H
Company:	Chisholm Energy Holdings, LLC	Survey Method:	KB=26 @ 3352.40ft (Latshaw 7)
Project:	Eddy County, NM (NAD83)	File Name:	KB=26 @ 3352.40ft (Latshaw 7)
Site:	Sec 15-T23S-R26E	North Arrow:	Grid
Well:	Dark Canyon 15-22 State Com WCB 2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Project:	Eddy County, NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:		Sec 15-T23S-R26E			
Site Position:		Northing:	477,089.9800 usft	Latitude:	32.311586
From:	Map	Easting:	554,828.5600 usft	Longitude:	-104.289664
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.02 °

Well:	Dark Canyon 15-22 State Com WCB 2H					
Well Position	+N/-S	-115.15 ft	Northing:	476,974.8300 usft	Latitude:	32.311269
	+E/-W	600.03 ft	Easting:	555,428.5900 usft	Longitude:	-104.287722
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	3,326.40 ft

Wellbore		Wellbore #1			
Magnetics	Model Name	Sample Date	Declination	Dec Angle	Field Strength (nT)
	HDGM	1/26/2018	7.42	60.02	48,009

Design:	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth from FWD	1116	1200	Direction
	0.00	0.00	0.00	180.00

Plan Stationing										
Mean Depth	True Depth	Actual	Vertical	N/E	1/200	Depth	1/200	True	1/200	True
ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8,890.00	0.00	0.00	8,890.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9,058.17	20.18	270.00	9,054.71	0.00	-29.31	12.00	12.00	0.00	270.00	
9,805.04	89.60	180.00	9,503.25	-474.34	-192.95	12.00	9.29	-12.05	-90.14	
16,837.12	89.60	180.00	9,552.40	-7,506.25	-192.94	0.00	0.00	0.00	0.00	PBHL 15-22 WCB 2H

Planning Report



EDM 5000.1 Chisholm Energy Holdings, LLC Eddy County, NM (NAD83) Sec 15-T23S-R26E Dark Canyon 15-22 State Com WCB 2H Wellbore #1 Plan #1				Well Dark Canyon 15-22 State Com WCB 2H KB=26 @ 3352.40ft (Latshaw 7) KB=26 @ 3352.40ft (Latshaw 7) Grid Minimum Curvature					
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LP 15-22 WCB 2H									
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	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00

Planning Report



EDM 5000.1 Chisholm Energy Holdings, LLC Eddy County, NM (NAD83) Sec 15-T23S-R26E Dark Canyon 15-22 State Com WCB 2H Wellbore #1 Plan #1				Well Dark Canyon 15-22 State Com WCB 2H KB=26 @ 3352.40ft (Latshaw 7) KB=26 @ 3352.40ft (Latshaw 7) Grid Minimum Curvature					
Depth (ft)	Interval (ft)	Volume (cu ft)	Weight (lb)	Length (ft)	Weight (lb)	Length (ft)	Weight (lb)	Length (ft)	Weight (lb)
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,100.00	0.00	0.00	6,100.00	0.00	0.00	0.00	0.00	0.00	0.00
6,200.00	0.00	0.00	6,200.00	0.00	0.00	0.00	0.00	0.00	0.00
6,300.00	0.00	0.00	6,300.00	0.00	0.00	0.00	0.00	0.00	0.00
6,400.00	0.00	0.00	6,400.00	0.00	0.00	0.00	0.00	0.00	0.00
6,500.00	0.00	0.00	6,500.00	0.00	0.00	0.00	0.00	0.00	0.00
6,600.00	0.00	0.00	6,600.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.00	0.00	0.00	6,700.00	0.00	0.00	0.00	0.00	0.00	0.00
6,800.00	0.00	0.00	6,800.00	0.00	0.00	0.00	0.00	0.00	0.00
6,900.00	0.00	0.00	6,900.00	0.00	0.00	0.00	0.00	0.00	0.00
7,000.00	0.00	0.00	7,000.00	0.00	0.00	0.00	0.00	0.00	0.00
7,100.00	0.00	0.00	7,100.00	0.00	0.00	0.00	0.00	0.00	0.00
7,200.00	0.00	0.00	7,200.00	0.00	0.00	0.00	0.00	0.00	0.00
7,300.00	0.00	0.00	7,300.00	0.00	0.00	0.00	0.00	0.00	0.00
7,400.00	0.00	0.00	7,400.00	0.00	0.00	0.00	0.00	0.00	0.00
7,500.00	0.00	0.00	7,500.00	0.00	0.00	0.00	0.00	0.00	0.00
7,600.00	0.00	0.00	7,600.00	0.00	0.00	0.00	0.00	0.00	0.00
7,700.00	0.00	0.00	7,700.00	0.00	0.00	0.00	0.00	0.00	0.00
7,800.00	0.00	0.00	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00
7,900.00	0.00	0.00	7,900.00	0.00	0.00	0.00	0.00	0.00	0.00
8,000.00	0.00	0.00	8,000.00	0.00	0.00	0.00	0.00	0.00	0.00
8,100.00	0.00	0.00	8,100.00	0.00	0.00	0.00	0.00	0.00	0.00
8,200.00	0.00	0.00	8,200.00	0.00	0.00	0.00	0.00	0.00	0.00
8,300.00	0.00	0.00	8,300.00	0.00	0.00	0.00	0.00	0.00	0.00
8,400.00	0.00	0.00	8,400.00	0.00	0.00	0.00	0.00	0.00	0.00
8,500.00	0.00	0.00	8,500.00	0.00	0.00	0.00	0.00	0.00	0.00
8,600.00	0.00	0.00	8,600.00	0.00	0.00	0.00	0.00	0.00	0.00
8,700.00	0.00	0.00	8,700.00	0.00	0.00	0.00	0.00	0.00	0.00
8,800.00	0.00	0.00	8,800.00	0.00	0.00	0.00	0.00	0.00	0.00
8,890.00	0.00	0.00	8,890.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 12.00									
8,900.00	1.20	270.00	8,900.00	0.00	-0.10	0.00	12.00	12.00	0.00
8,925.00	4.20	270.00	8,924.97	0.00	-1.28	0.00	12.00	12.00	0.00
8,950.00	7.20	270.00	8,949.84	0.00	-3.76	0.00	12.00	12.00	0.00
8,975.00	10.20	270.00	8,974.55	0.00	-7.55	0.00	12.00	12.00	0.00
9,000.00	13.20	270.00	8,999.03	0.00	-12.62	0.00	12.00	12.00	0.00
9,025.00	16.20	270.00	9,023.21	0.00	-18.96	0.00	12.00	12.00	0.00
9,050.00	19.20	270.00	9,047.02	0.00	-26.56	0.00	12.00	12.00	0.00
9,058.17	20.18	270.00	9,054.71	0.00	-29.31	0.00	12.00	12.00	0.00
Start DLS 12.00 TFO -90.14									
9,075.00	20.27	264.16	9,070.51	-0.30	-35.11	0.30	12.00	0.55	-34.69
9,100.00	20.76	255.71	9,093.93	-1.83	-43.72	1.83	12.00	1.94	-33.82
9,125.00	21.64	247.77	9,117.24	-4.67	-52.28	4.67	12.00	3.51	-31.77
9,150.00	22.86	240.52	9,140.38	-8.80	-60.77	8.80	12.00	4.89	-28.97
9,175.00	24.38	234.06	9,163.29	-14.22	-69.18	14.22	12.00	6.07	-25.86
9,200.00	26.14	228.36	9,185.91	-20.91	-77.47	20.91	12.00	7.04	-22.80
9,225.00	28.09	223.37	9,208.16	-28.85	-85.63	28.85	12.00	7.83	-19.97

Planning Report



EDM 5000.1	Well Dark Canyon 15-22 State Com WCB 2H
Chisholm Energy Holdings, LLC	KB=26 @ 3352.40ft (Latshaw 7)
Eddy County, NM (NAD83)	KB=26 @ 3352.40ft (Latshaw 7)
Sec 15-T23S-R26E	Grid
Dark Canyon 15-22 State Com WCB 2H	Minimum Curvature
Wellbore #1	
Plan #1	

Planned Depth (ft)	Interval (ft)	Asynch (ft)	Vertical (ft)	Horiz (ft)	Plan (ft)	True (ft)	Depth (ft)	Build (ft)	Turn (ft)
9,250.00	30.21	219.00	9,230.00	-38.02	-93.63	38.02	12.00	8.46	-17.48
9,275.00	32.45	215.16	9,251.35	-48.39	-101.46	48.39	12.00	8.97	-15.34
9,300.00	34.80	211.78	9,272.17	-59.95	-109.08	59.95	12.00	9.38	-13.52
9,325.00	37.23	208.78	9,292.39	-72.64	-116.48	72.64	12.00	9.71	-11.99
9,350.00	39.72	206.11	9,311.96	-86.44	-123.64	86.44	12.00	9.98	-10.71
9,375.00	42.27	203.70	9,330.83	-101.32	-130.53	101.32	12.00	10.20	-9.63
9,400.00	44.87	201.52	9,348.94	-117.23	-137.15	117.23	12.00	10.39	-8.72
9,425.00	47.50	199.53	9,366.25	-134.12	-143.47	134.12	12.00	10.54	-7.96
9,450.00	50.17	197.70	9,382.70	-151.96	-149.47	151.96	12.00	10.67	-7.31
9,475.00	52.86	196.01	9,398.26	-170.68	-155.14	170.68	12.00	10.77	-6.76
9,500.00	55.58	194.44	9,412.88	-190.25	-160.46	190.25	12.00	10.86	-6.29
9,525.00	58.31	192.97	9,426.51	-210.61	-165.42	210.61	12.00	10.94	-5.90
9,550.00	61.06	191.58	9,439.13	-231.69	-170.00	231.69	12.00	11.00	-5.56
9,575.00	63.83	190.26	9,450.69	-253.45	-174.20	253.45	12.00	11.05	-5.27
9,600.00	66.60	189.00	9,461.17	-275.83	-177.99	275.83	12.00	11.10	-5.02
9,625.00	69.39	187.80	9,470.54	-298.76	-181.37	298.76	12.00	11.14	-4.82
9,650.00	72.18	186.64	9,478.77	-322.17	-184.34	322.17	12.00	11.17	-4.64
9,675.00	74.98	185.51	9,485.84	-346.02	-186.87	346.02	12.00	11.20	-4.50
9,700.00	77.78	184.42	9,491.72	-370.22	-188.98	370.22	12.00	11.22	-4.38
9,725.00	80.59	183.34	9,496.41	-394.72	-190.64	394.72	12.00	11.24	-4.29
9,750.00	83.40	182.29	9,499.89	-419.44	-191.85	419.44	12.00	11.25	-4.22
9,775.00	86.22	181.25	9,502.16	-444.32	-192.62	444.32	12.00	11.26	-4.17
9,800.00	89.03	180.21	9,503.19	-469.30	-192.94	469.30	12.00	11.26	-4.15
9,805.04	89.60	180.00	9,503.25	-474.34	-192.95	474.34	12.00	11.26	-4.14
Start 7032.08 hold at 9805.04 MD									
9,900.00	89.60	180.00	9,503.92	-569.29	-192.95	569.29	0.00	0.00	0.00
10,000.00	89.60	180.00	9,504.61	-669.29	-192.95	669.29	0.00	0.00	0.00
10,100.00	89.60	180.00	9,505.31	-769.29	-192.95	769.29	0.00	0.00	0.00
10,200.00	89.60	180.00	9,506.01	-869.29	-192.95	869.29	0.00	0.00	0.00
10,300.00	89.60	180.00	9,506.71	-969.28	-192.95	969.28	0.00	0.00	0.00
10,400.00	89.60	180.00	9,507.41	-1,069.28	-192.95	1,069.28	0.00	0.00	0.00
10,500.00	89.60	180.00	9,508.10	-1,169.28	-192.95	1,169.28	0.00	0.00	0.00
10,600.00	89.60	180.00	9,508.80	-1,269.28	-192.95	1,269.28	0.00	0.00	0.00
10,700.00	89.60	180.00	9,509.50	-1,369.27	-192.95	1,369.27	0.00	0.00	0.00
10,800.00	89.60	180.00	9,510.20	-1,469.27	-192.95	1,469.27	0.00	0.00	0.00
10,900.00	89.60	180.00	9,510.90	-1,569.27	-192.95	1,569.27	0.00	0.00	0.00
11,000.00	89.60	180.00	9,511.59	-1,669.27	-192.95	1,669.27	0.00	0.00	0.00
11,100.00	89.60	180.00	9,512.29	-1,769.26	-192.95	1,769.26	0.00	0.00	0.00
11,200.00	89.60	180.00	9,512.99	-1,869.26	-192.95	1,869.26	0.00	0.00	0.00
11,300.00	89.60	180.00	9,513.69	-1,969.26	-192.95	1,969.26	0.00	0.00	0.00
11,400.00	89.60	180.00	9,514.39	-2,069.26	-192.95	2,069.26	0.00	0.00	0.00
11,500.00	89.60	180.00	9,515.09	-2,169.25	-192.95	2,169.25	0.00	0.00	0.00
11,600.00	89.60	180.00	9,515.78	-2,269.25	-192.95	2,269.25	0.00	0.00	0.00
11,700.00	89.60	180.00	9,516.48	-2,369.25	-192.95	2,369.25	0.00	0.00	0.00
11,800.00	89.60	180.00	9,517.18	-2,469.25	-192.95	2,469.25	0.00	0.00	0.00
11,900.00	89.60	180.00	9,517.88	-2,569.24	-192.95	2,569.24	0.00	0.00	0.00
12,000.00	89.60	180.00	9,518.58	-2,669.24	-192.95	2,669.24	0.00	0.00	0.00
12,100.00	89.60	180.00	9,519.27	-2,769.24	-192.95	2,769.24	0.00	0.00	0.00
12,200.00	89.60	180.00	9,519.97	-2,869.24	-192.95	2,869.24	0.00	0.00	0.00
12,300.00	89.60	180.00	9,520.67	-2,969.24	-192.95	2,969.24	0.00	0.00	0.00
12,400.00	89.60	180.00	9,521.37	-3,069.23	-192.95	3,069.23	0.00	0.00	0.00
12,500.00	89.60	180.00	9,522.07	-3,169.23	-192.95	3,169.23	0.00	0.00	0.00
12,600.00	89.60	180.00	9,522.76	-3,269.23	-192.95	3,269.23	0.00	0.00	0.00

Planning Report



EDM 5000.1 Chisholm Energy Holdings, LLC Eddy County, NM (NAD83) Sec 15-T23S-R26E Dark Canyon 15-22 State Com WCB 2H Wellbore #1 Plan #1	Well Dark Canyon 15-22 State Com WCB 2H KB=26 @ 3352.40ft (Latshaw 7) KB=26 @ 3352.40ft (Latshaw 7) Grid Minimum Curvature
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Station	Depth (ft)	Angle (deg)	True Azimuth (deg)	True Azimuth (deg)	True Azimuth (deg)	True Azimuth (deg)	Depth (ft)	Depth (ft)	Depth (ft)
12,700.00	89.60	180.00	9,523.46	-3,369.23	-192.95	3,369.23	0.00	0.00	0.00
12,800.00	89.60	180.00	9,524.16	-3,469.22	-192.95	3,469.22	0.00	0.00	0.00
12,900.00	89.60	180.00	9,524.86	-3,569.22	-192.95	3,569.22	0.00	0.00	0.00
13,000.00	89.60	180.00	9,525.56	-3,669.22	-192.95	3,669.22	0.00	0.00	0.00
13,100.00	89.60	180.00	9,526.26	-3,769.22	-192.95	3,769.22	0.00	0.00	0.00
13,200.00	89.60	180.00	9,526.95	-3,869.21	-192.95	3,869.21	0.00	0.00	0.00
13,300.00	89.60	180.00	9,527.65	-3,969.21	-192.95	3,969.21	0.00	0.00	0.00
13,400.00	89.60	180.00	9,528.35	-4,069.21	-192.95	4,069.21	0.00	0.00	0.00
13,500.00	89.60	180.00	9,529.05	-4,169.21	-192.95	4,169.21	0.00	0.00	0.00
13,600.00	89.60	180.00	9,529.75	-4,269.20	-192.95	4,269.20	0.00	0.00	0.00
13,700.00	89.60	180.00	9,530.44	-4,369.20	-192.95	4,369.20	0.00	0.00	0.00
13,800.00	89.60	180.00	9,531.14	-4,469.20	-192.95	4,469.20	0.00	0.00	0.00
13,900.00	89.60	180.00	9,531.84	-4,569.20	-192.95	4,569.20	0.00	0.00	0.00
14,000.00	89.60	180.00	9,532.54	-4,669.19	-192.95	4,669.19	0.00	0.00	0.00
14,100.00	89.60	180.00	9,533.24	-4,769.19	-192.95	4,769.19	0.00	0.00	0.00
14,200.00	89.60	180.00	9,533.93	-4,869.19	-192.95	4,869.19	0.00	0.00	0.00
14,300.00	89.60	180.00	9,534.63	-4,969.19	-192.95	4,969.19	0.00	0.00	0.00
14,400.00	89.60	180.00	9,535.33	-5,069.18	-192.95	5,069.18	0.00	0.00	0.00
14,500.00	89.60	180.00	9,536.03	-5,169.18	-192.95	5,169.18	0.00	0.00	0.00
14,600.00	89.60	180.00	9,536.73	-5,269.18	-192.95	5,269.18	0.00	0.00	0.00
14,700.00	89.60	180.00	9,537.43	-5,369.18	-192.95	5,369.18	0.00	0.00	0.00
14,800.00	89.60	180.00	9,538.12	-5,469.17	-192.95	5,469.17	0.00	0.00	0.00
14,900.00	89.60	180.00	9,538.82	-5,569.17	-192.95	5,569.17	0.00	0.00	0.00
15,000.00	89.60	180.00	9,539.52	-5,669.17	-192.95	5,669.17	0.00	0.00	0.00
15,100.00	89.60	180.00	9,540.22	-5,769.17	-192.95	5,769.17	0.00	0.00	0.00
15,200.00	89.60	180.00	9,540.92	-5,869.16	-192.95	5,869.16	0.00	0.00	0.00
15,300.00	89.60	180.00	9,541.61	-5,969.16	-192.95	5,969.16	0.00	0.00	0.00
15,400.00	89.60	180.00	9,542.31	-6,069.16	-192.95	6,069.16	0.00	0.00	0.00
15,500.00	89.60	180.00	9,543.01	-6,169.16	-192.95	6,169.16	0.00	0.00	0.00
15,600.00	89.60	180.00	9,543.71	-6,269.15	-192.95	6,269.15	0.00	0.00	0.00
15,700.00	89.60	180.00	9,544.41	-6,369.15	-192.95	6,369.15	0.00	0.00	0.00
15,800.00	89.60	180.00	9,545.10	-6,469.15	-192.95	6,469.15	0.00	0.00	0.00
15,900.00	89.60	180.00	9,545.80	-6,569.15	-192.95	6,569.15	0.00	0.00	0.00
16,000.00	89.60	180.00	9,546.50	-6,669.15	-192.95	6,669.15	0.00	0.00	0.00
16,100.00	89.60	180.00	9,547.20	-6,769.14	-192.95	6,769.14	0.00	0.00	0.00
16,200.00	89.60	180.00	9,547.90	-6,869.14	-192.95	6,869.14	0.00	0.00	0.00
16,300.00	89.60	180.00	9,548.60	-6,969.14	-192.95	6,969.14	0.00	0.00	0.00
16,400.00	89.60	180.00	9,549.29	-7,069.14	-192.95	7,069.14	0.00	0.00	0.00
16,500.00	89.60	180.00	9,549.99	-7,169.13	-192.95	7,169.13	0.00	0.00	0.00
16,600.00	89.60	180.00	9,550.69	-7,269.13	-192.95	7,269.13	0.00	0.00	0.00
16,700.00	89.60	180.00	9,551.39	-7,369.13	-192.95	7,369.13	0.00	0.00	0.00
16,800.00	89.60	180.00	9,552.09	-7,469.13	-192.95	7,469.13	0.00	0.00	0.00
16,837.12	89.60	180.00	9,552.40	-7,506.25	-192.94	7,506.25	0.00	0.00	0.00

TD at 16837.12 - PBHL 15-22 WCB 2H

Planning Report



Database	EDM 5000.1	Well Dark Canyon 15-22 State Com WCB 2H
Company	Chisholm Energy Holdings, LLC	KB=26 @ 3352.40ft (Latshaw 7)
Project	Eddy County, NM (NAD83)	KB=26 @ 3352.40ft (Latshaw 7)
Site	Sec 15-T23S-R26E	Grid
Well	Dark Canyon 15-22 State Com WCB 2H	Minimum Curvature
Wellbore	Wellbore #1	
Design	Plan #1	

Point	Station	MD	TD	Depth	True	MD	TD	Depth	True
LP 15-22 WCB 2H	0.00	0.00	0.00	-235.16	-209.78	476,739.6700	555,218.8100	32.310622	-104.288401
- plan misses target center by 315.13ft at 0.00ft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
PBHL 15-22 WCB 2H	0.00	0.00	9,552.40	-7,506.25	-192.94	469,468.6000	555,235.6500	32.290635	-104.288357
- plan hits target center									
- Point									

TIME	TIME	TIME	TIME	TIME
(H)	(M)	(S)	(S)	(S)
8,890.00	8,890.00	0.00	0.00	Start Build 12.00
9,058.17	9,054.71	0.00	-29.31	Start DLS 12.00 TFO -90.14
9,805.04	9,503.25	-474.34	-192.95	Start 7032.08 hold at 9805.04 MD
16,837.12	9,552.40	-7,506.25	-192.94	TD at 16837.12