

Chisholm Energy Holdings, LLC

Eddy County, NM (NAD83)

Sec 23-T23S-R26E

McCord Enterprises 23 WCA 2H

Wellbore #1

30.015-44282

Design: Wellbore #1

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 08 2018

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Standard Survey Report

01 March, 2018



INTEGRITY
DIRECTIONAL

Survey Report



Company: Chisholm Energy Holdings, LLC
Project: Eddy County, NM (NAD83)
Site: Sec 23-T23S-R26E
Well: McCord Enterprises 23 WCA 2H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well McCord Enterprises 23 WCA 2H
TVD Reference: KB=26 @ 3295.00ft (Latshaw 7)
MD Reference: KB=26 @ 3295.00ft (Latshaw 7)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1

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

System Datum: Mean Sea Level

Site Sec 23-T23S-R26E

Site Position: Northing: 466,602.90 usft Latitude: 32.282751
From: Map Easting: 560,219.50 usft Longitude: -104.272233
Position Uncertainty: 0.00 ft Slot Radius: 13-3/16 " Grid Convergence: 0.03 °

Well McCord Enterprises 23 WCA 2H, WA

Well Position +N/-S 0.00 ft Northing: 466,732.80 usft Latitude: 32.283106
 +E/-W 0.00 ft Easting: 561,608.10 usft Longitude: -104.267740
Position Uncertainty 0.00 ft Wellhead Elevation: 0.00 ft Ground Level: 3,269.00 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	12/11/2017	7.43	60.00	48,012

Design Wellbore #1

Audit Notes:
Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.00
Vertical Section: Depth From (TVD) (ft) +N/-S (ft) +E/-W (ft) Direction (°)
 0.00 0.00 0.00 0.00

Survey Program Date 3/1/2018

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
242.00	13,865.00	IDS MWD Surveys (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	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
242.00	0.40	299.30	242.00	0.41	-0.74	0.41	0.17	0.17	0.00
First IDS MWD Survey									
335.00	0.70	317.70	334.99	0.99	-1.40	0.99	0.37	0.32	19.78
386.00	0.70	321.70	385.99	1.47	-1.80	1.47	0.10	0.00	7.84
512.00	0.90	356.90	511.98	3.06	-2.34	3.06	0.41	0.16	27.94
603.00	0.80	23.00	602.97	4.36	-2.13	4.36	0.44	-0.11	28.68
696.00	1.50	46.20	695.95	5.80	-0.99	5.80	0.89	0.75	24.95
787.00	2.60	58.60	786.89	7.70	1.63	7.70	1.30	1.21	13.63
878.00	3.00	65.90	877.78	9.75	5.56	9.75	0.59	0.44	8.02
969.00	3.30	67.40	968.64	11.72	10.16	11.72	0.34	0.33	1.65

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1,061.00	2.40	51.10	1,060.53	13.95	14.10	13.95	1.31	-0.98	-17.72
1,150.00	2.40	34.80	1,149.45	16.65	16.61	16.65	0.76	0.00	-18.31
1,245.00	3.00	357.00	1,244.36	20.77	17.62	20.77	1.94	0.63	-39.79
1,339.00	1.50	28.10	1,338.28	24.31	18.07	24.31	2.00	-1.60	33.09
1,420.00	1.30	347.80	1,419.26	26.14	18.37	26.14	1.21	-0.25	-49.75
1,513.00	1.60	319.10	1,512.23	28.16	17.30	28.16	0.83	0.32	-30.86
1,607.00	1.30	321.40	1,606.20	29.98	15.78	29.98	0.33	-0.32	2.45
1,702.00	2.70	324.70	1,701.14	32.65	13.81	32.65	1.48	1.47	3.47
1,796.00	1.20	310.60	1,795.09	35.10	11.78	35.10	1.66	-1.60	-15.00
1,880.00	1.40	311.90	1,879.06	36.36	10.35	36.36	0.24	0.24	1.55
1,986.00	1.10	321.40	1,985.04	38.02	8.75	38.02	0.34	-0.28	8.96
2,080.00	1.10	323.30	2,079.02	39.44	7.65	39.44	0.04	0.00	2.02
2,174.00	2.30	227.30	2,172.99	38.89	5.73	38.89	2.82	1.28	-102.13
2,267.00	2.50	225.50	2,265.91	36.20	2.91	36.20	0.23	0.22	-1.94
2,361.00	2.40	222.70	2,359.82	33.32	0.11	33.32	0.17	-0.11	-2.98
2,456.00	2.40	224.10	2,454.74	30.43	-2.62	30.43	0.06	0.00	1.47
2,550.00	2.20	223.90	2,548.66	27.71	-5.24	27.71	0.21	-0.21	-0.21
2,644.00	2.30	219.80	2,642.59	24.96	-7.70	24.96	0.20	0.11	-4.36
2,738.00	1.80	194.30	2,736.53	22.09	-9.27	22.09	1.09	-0.53	-27.13
2,831.00	1.80	196.50	2,829.49	19.27	-10.05	19.27	0.07	0.00	2.37
2,925.00	1.80	195.00	2,923.44	16.43	-10.85	16.43	0.05	0.00	-1.60
3,020.00	1.80	202.60	3,018.39	13.61	-11.81	13.61	0.25	0.00	8.00
3,114.00	1.90	199.20	3,112.35	10.77	-12.89	10.77	0.16	0.11	-3.62
3,208.00	2.00	198.90	3,206.29	7.75	-13.93	7.75	0.11	0.11	-0.32
3,302.00	0.30	156.80	3,300.27	5.97	-14.37	5.97	1.90	-1.81	-44.79
3,396.00	0.50	164.50	3,394.27	5.35	-14.16	5.35	0.22	0.21	8.19
3,490.00	0.50	157.20	3,488.26	4.58	-13.89	4.58	0.07	0.00	-7.77
3,584.00	0.50	170.70	3,582.26	3.80	-13.67	3.80	0.13	0.00	14.36
3,678.00	0.50	143.50	3,676.26	3.06	-13.36	3.06	0.25	0.00	-28.94
3,772.00	0.50	140.20	3,770.25	2.42	-12.85	2.42	0.03	0.00	-3.51
3,866.00	0.70	135.00	3,864.25	1.69	-12.18	1.69	0.22	0.21	-5.53
3,960.00	0.70	123.90	3,958.24	0.97	-11.30	0.97	0.14	0.00	-11.81
4,054.00	0.80	110.90	4,052.23	0.41	-10.21	0.41	0.21	0.11	-13.83
4,149.00	0.80	118.90	4,147.22	-0.14	-9.01	-0.14	0.12	0.00	8.42
4,243.00	0.80	122.00	4,241.21	-0.81	-7.88	-0.81	0.05	0.00	3.30
4,336.00	0.80	128.40	4,334.21	-1.56	-6.82	-1.56	0.10	0.00	6.88
4,431.00	0.90	133.90	4,429.20	-2.48	-5.76	-2.48	0.14	0.11	5.79
4,525.00	0.70	131.40	4,523.19	-3.38	-4.80	-3.38	0.22	-0.21	-2.66
4,619.00	0.60	131.40	4,617.18	-4.08	-4.00	-4.08	0.11	-0.11	0.00
4,713.00	0.60	133.10	4,711.17	-4.74	-3.27	-4.74	0.02	0.00	1.81
4,808.00	0.60	127.80	4,806.17	-5.39	-2.51	-5.39	0.06	0.00	-5.58
4,902.00	0.70	128.60	4,900.16	-6.05	-1.68	-6.05	0.11	0.11	0.85
4,996.00	0.90	121.40	4,994.15	-6.79	-0.60	-6.79	0.24	0.21	-7.66

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5,090.00	1.00	116.60	5,088.14	-7.54	0.77	-7.54	0.14	0.11	-5.11
5,184.00	1.00	120.70	5,182.13	-8.33	2.20	-8.33	0.08	0.00	4.36
5,279.00	0.80	121.20	5,277.12	-9.10	3.48	-9.10	0.21	-0.21	0.53
5,373.00	0.80	105.70	5,371.11	-9.61	4.68	-9.61	0.23	0.00	-16.49
5,467.00	0.80	103.80	5,465.10	-9.95	5.95	-9.95	0.03	0.00	-2.02
5,562.00	0.70	102.40	5,560.09	-10.23	7.16	-10.23	0.11	-0.11	-1.47
5,656.00	0.70	117.80	5,654.08	-10.62	8.23	-10.62	0.20	0.00	16.38
5,750.00	0.50	144.40	5,748.08	-11.22	8.97	-11.22	0.36	-0.21	28.30
5,845.00	0.80	306.10	5,843.07	-11.17	8.68	-11.17	1.35	0.32	170.21
5,939.00	1.10	320.10	5,937.06	-10.09	7.57	-10.09	0.40	0.32	14.89
6,033.00	1.10	315.00	6,031.04	-8.76	6.35	-8.76	0.10	0.00	-5.43
6,126.00	0.90	306.10	6,124.03	-7.70	5.13	-7.70	0.27	-0.22	-9.57
6,221.00	0.70	283.20	6,219.02	-7.13	3.96	-7.13	0.39	-0.21	-24.11
6,315.00	1.00	271.00	6,313.01	-6.98	2.58	-6.98	0.37	0.32	-12.98
6,409.00	1.50	263.10	6,406.99	-7.11	0.54	-7.11	0.56	0.53	-8.40
6,504.00	1.50	253.00	6,501.96	-7.63	-1.88	-7.63	0.28	0.00	-10.63
6,596.00	1.40	258.30	6,593.93	-8.21	-4.13	-8.21	0.18	-0.11	5.76
6,691.00	1.10	273.10	6,688.90	-8.39	-6.18	-8.39	0.46	-0.32	15.58
6,786.00	1.20	267.20	6,783.88	-8.39	-8.08	-8.39	0.16	0.11	-6.21
6,880.00	1.10	272.10	6,877.87	-8.41	-9.97	-8.41	0.15	-0.11	5.21
6,974.00	0.50	35.30	6,971.86	-8.04	-10.63	-8.04	1.53	-0.64	131.06
7,068.00	0.10	314.80	7,065.86	-7.65	-10.46	-7.65	0.52	-0.43	-85.64
7,162.00	0.60	229.20	7,159.86	-7.91	-10.89	-7.91	0.64	0.53	-91.06
7,257.00	0.70	241.10	7,254.85	-8.52	-11.77	-8.52	0.18	0.11	12.53
7,351.00	0.80	209.70	7,348.84	-9.36	-12.60	-9.36	0.44	0.11	-33.40
7,445.00	0.60	138.90	7,442.84	-10.30	-12.60	-10.30	0.88	-0.21	-75.32
7,539.00	1.30	148.30	7,536.82	-11.58	-11.72	-11.58	0.76	0.74	10.00
7,633.00	1.40	156.60	7,630.80	-13.54	-10.70	-13.54	0.23	0.11	8.83
7,728.00	2.30	164.30	7,725.75	-16.44	-9.72	-16.44	0.98	0.95	8.11
7,822.00	2.80	162.70	7,819.66	-20.45	-8.53	-20.45	0.54	0.53	-1.70
7,932.00	2.10	151.00	7,929.55	-24.78	-6.75	-24.78	0.78	-0.64	-10.64
7,995.00	2.70	212.10	7,992.51	-27.05	-6.98	-27.05	3.96	0.95	96.98
8,027.00	4.80	237.60	8,024.44	-28.40	-8.51	-28.40	8.23	6.56	79.69
8,058.00	7.70	250.50	8,055.25	-29.79	-11.57	-29.79	10.34	9.35	41.61
8,090.00	10.10	255.70	8,086.87	-31.20	-16.31	-31.20	7.90	7.50	16.25
8,121.00	11.80	257.10	8,117.30	-32.58	-22.03	-32.58	5.55	5.48	4.52
8,152.00	13.60	258.20	8,147.54	-34.03	-28.69	-34.03	5.86	5.81	3.55
8,184.00	14.80	264.50	8,178.57	-35.19	-36.44	-35.19	6.11	3.75	19.69
8,215.00	16.40	268.80	8,208.42	-35.66	-44.76	-35.66	6.36	5.16	13.87
8,246.00	19.00	272.00	8,237.95	-35.58	-54.18	-35.58	8.95	8.39	10.32
8,278.00	21.20	273.30	8,268.00	-35.07	-65.16	-35.07	7.01	6.88	4.06
8,309.00	23.60	273.30	8,296.66	-34.39	-76.96	-34.39	7.74	7.74	0.00
8,341.00	26.70	272.00	8,325.63	-33.77	-90.54	-33.77	9.84	9.69	-4.06

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8,372.00	29.70	271.40	8,352.94	-33.33	-105.18	-33.33	9.72	9.68	-1.94
8,404.00	32.70	271.00	8,380.31	-32.99	-121.75	-32.99	9.40	9.38	-1.25
8,435.00	35.70	270.30	8,405.95	-32.80	-139.17	-32.80	9.76	9.68	-2.26
8,468.00	39.00	269.70	8,432.18	-32.80	-159.19	-32.80	10.06	10.00	-1.82
8,499.00	42.10	269.70	8,455.73	-32.91	-179.34	-32.91	10.00	10.00	0.00
8,531.00	45.40	269.90	8,478.84	-32.98	-201.47	-32.98	10.32	10.31	0.63
8,562.00	48.60	270.50	8,499.98	-32.90	-224.13	-32.90	10.42	10.32	1.94
8,594.00	51.20	271.00	8,520.59	-32.58	-248.61	-32.58	8.21	8.13	1.56
8,625.00	54.60	271.00	8,539.29	-32.15	-273.33	-32.15	10.97	10.97	0.00
8,657.00	56.80	271.80	8,557.32	-31.50	-299.75	-31.50	7.18	6.88	2.50
8,688.00	58.80	274.00	8,573.84	-30.17	-325.94	-30.17	8.81	6.45	7.10
8,719.00	61.30	276.90	8,589.32	-27.61	-352.68	-27.61	11.43	8.06	9.35
8,751.00	62.60	280.70	8,604.37	-23.28	-380.58	-23.28	11.24	4.06	11.88
8,782.00	63.40	283.80	8,618.45	-17.42	-407.56	-17.42	9.28	2.58	10.00
8,814.00	64.60	287.50	8,632.48	-9.66	-435.25	-9.66	11.05	3.75	11.56
8,845.00	65.10	291.40	8,645.66	-0.31	-461.70	-0.31	11.50	1.61	12.58
8,876.00	65.70	294.70	8,658.56	10.72	-487.63	10.72	9.87	1.94	10.65
8,907.00	65.10	298.50	8,671.47	23.34	-512.83	23.34	11.31	-1.94	12.26
8,938.00	63.70	300.80	8,684.87	37.16	-537.13	37.16	8.07	-4.52	7.42
8,970.00	64.80	302.90	8,698.77	52.37	-561.60	52.37	6.84	3.44	6.56
9,001.00	66.50	306.30	8,711.56	68.41	-584.84	68.41	11.40	5.48	10.97
9,032.00	68.00	309.00	8,723.55	85.87	-607.47	85.87	9.38	4.84	8.71
9,064.00	69.50	312.10	8,735.15	105.26	-630.13	105.26	10.17	4.69	9.69
9,095.00	71.50	314.70	8,745.49	125.34	-651.35	125.34	10.20	6.45	8.39
9,127.00	72.80	317.60	8,755.31	147.30	-672.45	147.30	9.53	4.06	9.06
9,158.00	73.30	320.80	8,764.34	169.75	-691.82	169.75	10.00	1.61	10.32
9,190.00	73.80	323.60	8,773.41	194.00	-710.63	194.00	8.54	1.56	8.75
9,221.00	74.50	327.00	8,781.88	218.51	-727.60	218.51	10.79	2.26	10.97
9,252.00	75.80	330.40	8,789.82	244.11	-743.16	244.11	11.40	4.19	10.97
9,284.00	77.60	333.20	8,797.19	271.55	-757.87	271.55	10.21	5.63	8.75
9,315.00	78.70	336.40	8,803.55	299.00	-770.79	299.00	10.71	3.55	10.32
9,346.00	80.40	339.40	8,809.18	327.24	-782.25	327.24	10.98	5.48	9.68
9,376.00	81.60	342.90	8,813.87	355.28	-791.82	355.28	12.20	4.00	11.67
9,408.00	82.30	345.60	8,818.35	385.77	-800.42	385.77	8.64	2.19	8.44
9,439.00	83.50	348.90	8,822.19	415.77	-807.21	415.77	11.25	3.87	10.65
9,470.00	84.50	351.50	8,825.43	446.15	-812.46	446.15	8.94	3.23	8.39
9,502.00	86.30	354.20	8,827.99	477.79	-816.43	477.79	10.12	5.63	8.44
9,526.00	86.60	356.10	8,829.48	501.66	-818.45	501.66	8.00	1.25	7.92
9,558.00	88.30	357.40	8,830.90	533.58	-820.26	533.58	6.69	5.31	4.06
9,652.00	91.60	358.90	8,830.99	627.51	-823.30	627.51	3.86	3.51	1.60
9,746.00	91.00	359.20	8,828.85	721.47	-824.85	721.47	0.71	-0.64	0.32
9,840.00	91.10	359.30	8,827.13	815.45	-826.09	815.45	0.15	0.11	0.11
9,933.00	89.50	0.00	8,826.64	908.44	-826.65	908.44	1.88	-1.72	0.75
10,027.00	89.70	359.80	8,827.30	1,002.44	-826.82	1,002.44	0.30	0.21	-0.21

Survey Report



Company: Chisholm Energy Holdings, LLC
Project: Eddy County, NM (NAD83)
Site: Sec 23-T23S-R26E
Well: McCord Enterprises 23 WCA 2H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well McCord Enterprises 23 WCA 2H
TVD Reference: KB=26 @ 3295.00ft (Latshaw 7)
MD Reference: KB=26 @ 3295.00ft (Latshaw 7)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,122.00	90.30	359.40	8,827.30	1,097.44	-827.48	1,097.44	0.76	0.63	-0.42
10,216.00	88.30	358.50	8,828.45	1,191.41	-829.20	1,191.41	2.33	-2.13	-0.96
10,310.00	88.00	358.30	8,831.48	1,285.32	-831.83	1,285.32	0.38	-0.32	-0.21
10,404.00	88.00	358.10	8,834.76	1,379.22	-834.78	1,379.22	0.21	0.00	-0.21
10,498.00	89.10	357.80	8,837.14	1,473.13	-838.14	1,473.13	1.21	1.17	-0.32
10,592.00	89.60	357.30	8,838.21	1,567.04	-842.16	1,567.04	0.75	0.53	-0.53
10,687.00	89.80	356.80	8,838.71	1,661.91	-847.05	1,661.91	0.57	0.21	-0.53
10,781.00	90.50	356.80	8,838.46	1,755.76	-852.29	1,755.76	0.74	0.74	0.00
10,875.00	91.30	356.30	8,836.98	1,849.58	-857.95	1,849.58	1.00	0.85	-0.53
10,969.00	89.20	356.10	8,836.57	1,943.37	-864.18	1,943.37	2.24	-2.23	-0.21
11,064.00	90.10	356.10	8,837.15	2,038.14	-870.64	2,038.14	0.95	0.95	0.00
11,158.00	91.00	355.10	8,836.25	2,131.86	-877.85	2,131.86	1.43	0.96	-1.06
11,252.00	89.30	356.00	8,836.01	2,225.57	-885.14	2,225.57	2.05	-1.81	0.96
11,347.00	90.10	355.60	8,836.50	2,320.31	-892.10	2,320.31	0.94	0.84	-0.42
11,441.00	88.70	357.80	8,837.49	2,414.14	-897.51	2,414.14	2.77	-1.49	2.34
11,535.00	89.30	358.00	8,839.13	2,508.07	-900.95	2,508.07	0.67	0.64	0.21
11,629.00	89.90	357.30	8,839.78	2,601.98	-904.81	2,601.98	0.98	0.64	-0.74
11,724.00	88.80	358.40	8,840.86	2,696.91	-908.37	2,696.91	1.64	-1.16	1.16
11,818.00	89.80	357.90	8,842.01	2,790.85	-911.41	2,790.85	1.19	1.06	-0.53
11,912.00	90.90	357.80	8,841.44	2,884.78	-914.93	2,884.78	1.18	1.17	-0.11
12,006.00	90.80	359.60	8,840.04	2,978.74	-917.07	2,978.74	1.92	-0.11	1.91
12,101.00	89.10	358.70	8,840.12	3,073.73	-918.47	3,073.73	2.02	-1.79	-0.95
12,194.00	90.00	358.80	8,840.85	3,166.70	-920.50	3,166.70	0.97	0.97	0.11
12,289.00	88.90	359.00	8,841.77	3,261.68	-922.33	3,261.68	1.18	-1.16	0.21
12,383.00	89.50	358.50	8,843.08	3,355.65	-924.38	3,355.65	0.83	0.64	-0.53
12,477.00	90.30	358.60	8,843.24	3,449.62	-926.76	3,449.62	0.86	0.85	0.11
12,571.00	91.30	357.90	8,841.93	3,543.56	-929.63	3,543.56	1.30	1.06	-0.74
12,666.00	90.00	359.50	8,840.85	3,638.53	-931.78	3,638.53	2.17	-1.37	1.68
12,759.00	90.80	359.50	8,840.20	3,731.52	-932.59	3,731.52	0.86	0.86	0.00
12,854.00	91.80	359.60	8,838.05	3,826.49	-933.34	3,826.49	1.06	1.05	0.11
12,948.00	91.10	1.00	8,835.67	3,920.46	-932.85	3,920.46	1.66	-0.74	1.49
13,042.00	89.20	0.00	8,835.42	4,014.45	-932.03	4,014.45	2.28	-2.02	-1.06
13,136.00	90.20	0.40	8,835.92	4,108.44	-931.70	4,108.44	1.15	1.06	0.43
13,230.00	89.30	0.20	8,836.33	4,202.44	-931.21	4,202.44	0.98	-0.96	-0.21
13,324.00	90.40	0.00	8,836.57	4,296.44	-931.04	4,296.44	1.19	1.17	-0.21
13,418.00	88.40	0.50	8,837.56	4,390.43	-930.63	4,390.43	2.19	-2.13	0.53
13,513.00	89.50	0.70	8,839.30	4,485.40	-929.64	4,485.40	1.18	1.16	0.21
13,608.00	88.20	1.20	8,841.20	4,580.37	-928.06	4,580.37	1.47	-1.37	0.53
13,702.00	89.10	1.20	8,843.42	4,674.32	-926.09	4,674.32	0.96	0.96	0.00
13,797.00	89.90	0.90	8,844.25	4,769.30	-924.35	4,769.30	0.90	0.84	-0.32
13,811.00	90.20	1.00	8,844.24	4,783.30	-924.12	4,783.30	2.26	2.14	0.71
Last IDS MWD Survey									
13,865.00	90.20	1.00	8,844.05	4,837.29	-923.18	4,837.29	0.00	0.00	0.00

Survey Report



Company: Chisholm Energy Holdings, LLC
Project: Eddy County, NM (NAD83)
Site: Sec 23-T23S-R26E
Well: McCord Enterprises 23 WCA 2H
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well McCord Enterprises 23 WCA 2H
 KB=26 @ 3295.00ft (Latshaw 7)
 KB=26 @ 3295.00ft (Latshaw 7)
 Grid
 Minimum Curvature
 EDM 5000.1

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
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Projection to TD - PBHL McCord Enterprises 23 WCA 2H

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
242.00	242.00	0.41	-0.74	First IDS MWD Survey
13,811.00	8,844.24	4,783.30	-924.12	Last IDS MWD Survey
13,865.00	8,844.05	4,837.29	-923.18	Projection to TD

Checked By: _____ Approved By: _____ Date: _____