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Mewbourne Oil Company

Eddy County, New Mexico

Section 26/35-25S-31E Armstrong 26-35 W0IP Fed Com

Armstrong 26-35 W0IP Fed Com #2H

Original Hole

30-015-43799

Design: Original Hole

Standard Survey Report

30 October, 2017



Company: Mewbourne Oil Company
Project: Eddy County, New Mexico
Site: Section 26/35-25S-31E Armstrong 26-35 W0IP Fed Com
Well: Armstrong 26-35 W0IP Fed Com #2H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference: Well Armstrong 26-35 W0IP Fed Com #2H
TVD Reference: 3339 + 27 @ 3366.0usft (Patterson 242)
MD Reference: 3339 + 27 @ 3366.0usft (Patterson 242)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: Stryker_EDM

Project	Eddy County, New Mexico		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site Section 26/35-25S-31E Armstrong 26-35 W0IP Fed Com

Site Position: **Northing:** 401,040.30 usft **Latitude:** 32° 6' 4.283 N
From: Map **Easting:** 683,486.50 usft **Longitude:** 103° 44' 26.823 W
Position Uncertainty: 0.0 usft **Slot Radius:** 13-3/16 " **Grid Convergence:** 0.31 °

Well Armstrong 26-35 W0IP Fed Com #2H

Well Position **+N/-S** 0.0 usft **Northing:** 401,040.30 usft **Latitude:** 32° 6' 4.283 N
+E/-W 0.0 usft **Easting:** 683,486.50 usft **Longitude:** 103° 44' 26.823 W
Position Uncertainty 0.0 usft **Wellhead Elevation:** usft **Ground Level:** 3,339.0 usft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	9/19/2017	7.00	59.92	47,821.34480273

Design Original Hole

Audit Notes:

Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	340.81

Survey Program Date 10/30/2017

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
196.0	975.0	Rig Survey Teledrift (Original Hole)	MWD	MWD v3:standard declination
1,052.0	19,280.0	MWD Survey (Original Hole)	MWD	MWD v3:standard declination

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
196.0	0.30	145.70	196.0	-0.4	0.3	-0.5	0.15	0.15	0.00
380.0	0.60	289.00	380.0	-0.5	-0.4	-0.4	0.47	0.16	77.88
562.0	0.40	318.00	562.0	0.3	-1.7	0.8	0.17	-0.11	15.93
690.0	1.00	341.00	690.0	1.7	-2.3	2.3	0.51	0.47	17.97
880.0	1.50	1.00	879.9	5.7	-2.8	6.3	0.35	0.26	10.53
975.0	1.60	357.00	974.9	8.3	-2.9	8.8	0.16	0.11	-4.21
975.0' MD Rig Surveys									
1,052.0	1.30	342.90	1,051.9	10.2	-3.2	10.7	0.60	-0.39	-18.31

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Site:	Section 26/35-25S-31E Armstrong 26-35 W0IP Fed Com	MD Reference:	3339 + 27 @ 3366.0usft (Patterson 242)
Well:	Armstrong 26-35 W0IP Fed Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
1,242.0	1.50	340.80	1,241.8	14.6	-4.6	15.3	0.11	0.11	-1.11
1,432.0	1.90	332.70	1,431.7	19.7	-6.9	20.9	0.25	0.21	-4.26
1,622.0	0.70	115.60	1,621.7	22.0	-7.3	23.2	1.31	-0.63	75.21
1,811.0	1.80	141.50	1,810.7	19.2	-4.4	19.6	0.64	0.58	13.70
1,998.0	2.20	153.60	1,997.5	13.7	-1.0	13.3	0.31	0.21	6.47
2,185.0	2.50	166.50	2,184.4	6.5	1.6	5.7	0.32	0.16	6.90
2,372.0	0.90	237.70	2,371.3	1.8	1.3	1.3	1.27	-0.86	38.07
2,560.0	1.20	258.30	2,559.3	0.6	-1.9	1.2	0.25	0.16	10.96
2,747.0	1.80	259.50	2,746.2	-0.3	-6.7	1.9	0.32	0.32	0.64
2,934.0	2.30	263.10	2,933.1	-1.3	-13.3	3.1	0.28	0.27	1.93
3,121.0	1.50	268.30	3,120.0	-1.9	-19.5	4.7	0.44	-0.43	2.78
3,308.0	1.60	90.70	3,307.0	-2.0	-19.3	4.5	1.66	0.05	-94.97
3,495.0	1.80	115.70	3,493.9	-3.3	-14.1	1.5	0.41	0.11	13.37
3,682.0	2.90	133.40	3,680.7	-7.8	-8.0	-4.7	0.70	0.59	9.47
3,869.0	2.30	147.30	3,867.5	-14.2	-2.5	-12.6	0.46	-0.32	7.43
4,054.0	1.40	178.10	4,052.4	-19.6	-0.5	-18.3	0.71	-0.49	16.65
4,231.0	1.70	281.10	4,229.4	-21.2	-3.0	-19.1	1.37	0.17	58.19
4,332.0	1.80	293.90	4,330.4	-20.3	-5.9	-17.2	0.40	0.10	12.67
4,519.0	1.70	349.70	4,517.3	-16.4	-9.1	-12.5	0.88	-0.05	29.84
4,706.0	1.50	355.20	4,704.2	-11.2	-9.8	-7.4	0.13	-0.11	2.94
4,894.0	1.10	356.00	4,892.2	-7.0	-10.1	-3.3	0.21	-0.21	0.43
5,081.0	1.10	336.40	5,079.1	-3.5	-10.9	0.3	0.20	0.00	-10.48
5,268.0	1.20	338.00	5,266.1	-0.1	-12.4	4.0	0.06	0.05	0.86
5,455.0	2.20	20.90	5,453.0	5.1	-11.8	8.7	0.83	0.53	22.94
5,641.0	2.20	16.30	5,638.9	11.9	-9.6	14.4	0.09	0.00	-2.47
5,828.0	2.20	21.40	5,825.7	18.7	-7.2	20.0	0.10	0.00	2.73
6,015.0	1.90	12.70	6,012.6	25.0	-5.3	25.4	0.23	-0.16	-4.65
6,202.0	1.80	31.50	6,199.5	30.5	-3.0	29.8	0.33	-0.05	10.05
6,390.0	1.70	25.00	6,387.4	35.6	-0.3	33.7	0.12	-0.05	-3.46
6,576.0	1.90	33.50	6,573.3	40.7	2.5	37.6	0.18	0.11	4.57
6,763.0	0.90	350.40	6,760.3	44.7	4.0	40.9	0.74	-0.53	-23.05
6,950.0	0.40	353.40	6,947.3	46.8	3.7	43.0	0.27	-0.27	1.60
7,137.0	0.10	158.40	7,134.3	47.3	3.7	43.5	0.27	-0.16	88.24
7,325.0	1.00	29.40	7,322.3	48.6	4.5	44.4	0.57	0.48	-68.62
7,511.0	1.10	52.90	7,508.2	51.1	6.8	46.0	0.24	0.05	12.63
7,698.0	1.50	30.80	7,695.2	54.2	9.5	48.1	0.34	0.21	-11.82
7,886.0	1.50	352.50	7,883.1	58.8	10.4	52.1	0.52	0.00	-20.37
8,073.0	0.70	3.30	8,070.1	62.4	10.1	55.6	0.44	-0.43	5.78
8,260.0	0.40	349.40	8,257.1	64.1	10.1	57.3	0.17	-0.16	-7.43
8,447.0	0.50	312.10	8,444.1	65.3	9.4	58.6	0.16	0.05	-19.95
8,634.0	0.80	215.00	8,631.1	64.8	8.0	58.6	0.53	0.16	-51.93
8,821.0	2.20	236.10	8,818.0	61.7	4.3	56.9	0.79	0.75	11.28

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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
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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)
9,008.0	2.20	295.00	9,004.9	61.3	-2.0	58.5	1.16	0.00	31.50
9,194.0	2.50	318.10	9,190.7	65.8	-7.9	64.7	0.53	0.16	12.42
9,381.0	2.60	17.00	9,377.6	72.9	-9.4	71.9	1.34	0.05	31.50
9,567.0	1.50	46.50	9,563.5	78.6	-6.4	76.3	0.80	-0.59	15.86
9,754.0	0.20	289.30	9,750.4	80.4	-4.9	77.5	0.86	-0.70	-62.67
9,940.0	1.30	298.50	9,936.4	81.5	-7.1	79.3	0.59	0.59	4.95
10,128.0	3.20	348.00	10,124.3	87.6	-10.0	86.1	1.36	1.01	26.33
10,315.0	3.80	303.90	10,311.0	96.2	-16.3	96.2	1.44	0.32	-23.58
10,502.0	1.60	348.00	10,497.8	102.2	-22.0	103.8	1.54	-1.18	23.58
10,688.0	2.80	99.60	10,683.7	104.0	-18.0	104.1	1.99	0.65	60.00
10,875.0	2.10	116.40	10,870.5	101.7	-10.5	99.5	0.53	-0.37	8.98
11,062.0	0.40	147.00	11,057.5	99.6	-7.0	96.4	0.95	-0.91	16.36
11,204.5	0.83	191.67	11,200.0	98.2	-7.0	95.1	0.43	0.30	31.34
B B Armstrong 26/35 W0IP Fed Com 2H									
11,249.0	1.00	196.70	11,244.5	97.5	-7.1	94.5	0.43	0.39	11.32
11,306.0	2.10	177.50	11,301.4	96.0	-7.2	93.1	2.11	1.93	-33.68
11,337.0	6.00	176.40	11,332.3	93.8	-7.1	91.0	12.58	12.58	-3.55
11,368.0	10.10	177.40	11,363.0	89.5	-6.9	86.8	13.23	13.23	3.23
11,399.0	13.80	178.90	11,393.4	83.1	-6.7	80.7	11.98	11.94	4.84
11,430.0	17.80	182.00	11,423.2	74.6	-6.8	72.7	13.18	12.90	10.00
11,461.0	21.30	183.70	11,452.4	64.3	-7.3	63.1	11.44	11.29	5.48
11,492.0	24.50	183.80	11,480.9	52.3	-8.1	52.0	10.32	10.32	0.32
11,523.0	27.30	183.10	11,508.8	38.7	-8.9	39.5	9.09	9.03	-2.26
11,555.0	30.20	182.40	11,536.9	23.4	-9.6	25.2	9.12	9.06	-2.19
11,586.0	33.70	180.30	11,563.2	7.0	-10.0	9.9	11.84	11.29	-6.77
11,617.0	37.50	179.80	11,588.4	-11.1	-10.0	-7.2	12.29	12.26	-1.61
11,648.0	40.90	180.50	11,612.4	-30.7	-10.1	-25.6	11.06	10.97	2.26
11,679.0	44.50	180.90	11,635.2	-51.7	-10.3	-45.4	11.65	11.61	1.29
11,710.0	46.80	181.10	11,656.8	-73.8	-10.7	-66.2	7.43	7.42	0.65
11,742.0	49.70	179.90	11,678.2	-97.7	-10.9	-88.7	9.48	9.06	-3.75
11,773.0	53.70	178.90	11,697.4	-122.0	-10.7	-111.7	13.15	12.90	-3.23
11,804.0	57.60	178.90	11,714.9	-147.6	-10.2	-136.1	12.58	12.58	0.00
11,835.0	60.50	179.50	11,730.8	-174.2	-9.8	-161.3	9.50	9.35	1.94
11,866.0	63.30	180.00	11,745.4	-201.5	-9.7	-187.2	9.14	9.03	1.61
11,897.0	67.60	180.30	11,758.3	-229.7	-9.8	-213.8	13.90	13.87	0.97
11,928.0	71.10	181.10	11,769.2	-258.7	-10.1	-241.0	11.55	11.29	2.58
11,960.0	75.70	181.60	11,778.3	-289.4	-10.9	-269.7	14.45	14.38	1.56
11,989.0	80.30	181.70	11,784.4	-317.7	-11.7	-296.2	15.87	15.86	0.34
12,040.0	84.00	181.80	11,791.3	-368.2	-13.2	-343.4	7.26	7.25	0.20
12,134.0	86.70	180.60	11,799.0	-461.9	-15.2	-431.2	3.14	2.87	-1.28
12,152.9	87.47	180.50	11,799.9	-480.7	-15.4	-449.0	4.12	4.09	-0.54
LP Armstrong 26/35 W0IP Fed Com 2H									
12,227.0	90.50	180.10	11,801.2	-554.8	-15.7	-518.8	4.12	4.09	-0.54

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12,320.0	92.60	180.30	11,798.7	-647.8	-16.1	-606.5	2.27	2.26	0.22
12,414.0	91.20	180.50	11,795.6	-741.7	-16.7	-695.0	1.50	-1.49	0.21
12,507.0	91.30	180.70	11,793.6	-834.7	-17.7	-782.5	0.24	0.11	0.22
12,601.0	90.90	180.10	11,791.8	-928.7	-18.4	-871.1	0.77	-0.43	-0.64
12,694.0	88.40	180.70	11,792.3	-1,021.7	-19.0	-958.7	2.76	-2.69	0.65
12,788.0	89.40	179.90	11,794.1	-1,115.7	-19.5	-1,047.3	1.36	1.06	-0.85
12,881.0	92.60	180.30	11,792.5	-1,208.6	-19.7	-1,135.0	3.47	3.44	0.43
12,975.0	89.80	180.40	11,790.5	-1,302.6	-20.2	-1,223.6	2.98	-2.98	0.11
13,068.0	89.40	180.50	11,791.2	-1,395.6	-21.0	-1,311.2	0.44	-0.43	0.11
13,161.0	91.20	181.40	11,790.7	-1,488.6	-22.5	-1,398.5	2.16	1.94	0.97
13,255.0	90.70	181.30	11,789.1	-1,582.5	-24.7	-1,486.5	0.54	-0.53	-0.11
13,348.0	89.80	180.60	11,788.7	-1,675.5	-26.3	-1,573.8	1.23	-0.97	-0.75
13,442.0	91.30	181.20	11,787.8	-1,769.5	-27.7	-1,662.1	1.72	1.60	0.64
13,535.0	92.70	181.40	11,784.6	-1,862.4	-29.8	-1,749.1	1.52	1.51	0.22
13,629.0	92.40	182.40	11,780.4	-1,956.3	-33.0	-1,836.7	1.11	-0.32	1.06
13,722.0	89.80	182.50	11,778.6	-2,049.2	-36.9	-1,923.2	2.80	-2.80	0.11
13,816.0	89.70	183.30	11,779.0	-2,143.0	-41.7	-2,010.3	0.86	-0.11	0.85
13,909.0	90.10	183.50	11,779.2	-2,235.9	-47.2	-2,096.1	0.48	0.43	0.22
14,003.0	89.30	183.20	11,779.7	-2,329.7	-52.7	-2,182.9	0.91	-0.85	-0.32
14,096.0	89.50	183.00	11,780.7	-2,422.6	-57.7	-2,269.0	0.30	0.22	-0.22
14,190.0	89.60	182.60	11,781.4	-2,516.5	-62.3	-2,356.1	0.44	0.11	-0.43
14,283.0	90.40	183.40	11,781.4	-2,609.3	-67.2	-2,442.3	1.22	0.86	0.86
14,376.0	92.40	184.10	11,779.1	-2,702.1	-73.3	-2,527.9	2.28	2.15	0.75
14,470.0	90.60	184.60	11,776.7	-2,795.8	-80.4	-2,614.0	1.99	-1.91	0.53
14,563.0	89.40	184.00	11,776.7	-2,888.5	-87.4	-2,699.3	1.44	-1.29	-0.65
14,656.0	89.50	183.40	11,777.6	-2,981.3	-93.4	-2,785.0	0.65	0.11	-0.65
14,750.0	89.80	182.10	11,778.1	-3,075.2	-97.9	-2,872.2	1.42	0.32	-1.38
14,843.0	90.70	181.70	11,777.7	-3,168.2	-101.0	-2,958.9	1.06	0.97	-0.43
14,936.0	89.20	180.60	11,777.8	-3,261.1	-102.8	-3,046.1	2.00	-1.61	-1.18
15,029.0	88.60	178.40	11,779.6	-3,354.1	-102.0	-3,134.2	2.45	-0.65	-2.37
15,123.0	88.60	176.50	11,781.9	-3,448.0	-97.8	-3,224.2	2.02	0.00	-2.02
15,216.0	89.30	177.20	11,783.6	-3,540.8	-92.7	-3,313.6	1.06	0.75	0.75
15,311.0	91.00	176.00	11,783.3	-3,635.7	-87.1	-3,405.0	2.19	1.79	-1.26
15,403.0	93.10	176.70	11,780.1	-3,727.4	-81.2	-3,493.6	2.41	2.28	0.76
15,498.0	92.10	177.50	11,775.7	-3,822.2	-76.4	-3,584.7	1.35	-1.05	0.84
15,591.0	92.20	179.60	11,772.3	-3,915.1	-74.1	-3,673.2	2.26	0.11	2.26
15,684.0	89.00	178.70	11,771.3	-4,008.1	-72.7	-3,761.5	3.57	-3.44	-0.97
15,778.0	89.10	178.60	11,772.8	-4,102.0	-70.5	-3,850.9	0.15	0.11	-0.11
15,871.0	91.70	179.60	11,772.2	-4,195.0	-69.0	-3,939.2	3.00	2.80	1.08
15,964.0	90.10	179.60	11,770.7	-4,288.0	-68.4	-4,027.2	1.72	-1.72	0.00
16,058.0	91.00	178.10	11,769.8	-4,381.9	-66.5	-4,116.6	1.86	0.96	-1.60
16,152.0	90.30	178.30	11,768.8	-4,475.9	-63.5	-4,206.3	0.77	-0.74	0.21
16,245.0	87.70	178.20	11,770.4	-4,568.8	-60.7	-4,295.0	2.80	-2.80	-0.11

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Armstrong 26-35 W0IP Fed Com #2H
Project:	Eddy County, New Mexico	TVD Reference:	3339 + 27 @ 3366.0usft (Patterson 242)
Site:	Section 26/35-25S-31E Armstrong 26-35 W0IP Fed Com	MD Reference:	3339 + 27 @ 3366.0usft (Patterson 242)
Well:	Armstrong 26-35 W0IP Fed Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)
16,339.0	88.50	177.30	11,773.5	-4,662.7	-57.0	-4,384.9	1.28	0.85	-0.96
16,432.0	90.10	176.70	11,774.6	-4,755.6	-52.1	-4,474.2	1.84	1.72	-0.65
16,525.0	91.70	177.20	11,773.2	-4,848.4	-47.2	-4,563.5	1.80	1.72	0.54
16,618.0	92.00	177.90	11,770.2	-4,941.3	-43.2	-4,652.5	0.82	0.32	0.75
16,712.0	89.30	177.00	11,769.1	-5,035.2	-39.0	-4,742.6	3.03	-2.87	-0.96
16,805.0	90.70	177.50	11,769.1	-5,128.1	-34.6	-4,831.8	1.60	1.51	0.54
16,899.0	92.20	177.80	11,766.7	-5,222.0	-30.7	-4,921.7	1.63	1.60	0.32
16,992.0	89.70	177.50	11,765.2	-5,314.9	-26.9	-5,010.7	2.71	-2.69	-0.32
17,085.0	89.80	177.30	11,765.6	-5,407.8	-22.7	-5,099.8	0.24	0.11	-0.22
17,179.0	89.40	177.20	11,766.3	-5,501.6	-18.2	-5,190.0	0.44	-0.43	-0.11
17,272.0	89.70	177.30	11,767.0	-5,594.5	-13.7	-5,279.2	0.34	0.32	0.11
17,366.0	91.30	177.60	11,766.2	-5,688.4	-9.5	-5,369.2	1.73	1.70	0.32
17,459.0	88.70	178.60	11,766.2	-5,781.4	-6.5	-5,458.0	3.00	-2.80	1.08
17,552.0	90.30	178.60	11,767.0	-5,874.3	-4.2	-5,546.6	1.72	1.72	0.00
17,646.0	92.40	178.40	11,764.8	-5,968.3	-1.7	-5,636.1	2.24	2.23	-0.21
17,740.0	89.00	178.90	11,763.6	-6,062.2	0.5	-5,725.6	3.66	-3.62	0.53
17,834.0	88.80	178.80	11,765.4	-6,156.2	2.4	-5,814.9	0.24	-0.21	-0.11
17,927.0	90.20	179.30	11,766.2	-6,249.2	3.9	-5,903.2	1.60	1.51	0.54
18,021.0	89.90	179.90	11,766.1	-6,343.2	4.6	-5,992.2	0.71	-0.32	0.64
18,114.0	91.20	180.10	11,765.3	-6,436.2	4.6	-6,080.1	1.41	1.40	0.22
18,196.0	89.50	179.80	11,764.8	-6,518.2	4.6	-6,157.5	2.11	-2.07	-0.37
18,289.0	92.00	180.80	11,763.5	-6,611.1	4.2	-6,245.2	2.90	2.69	1.08
18,385.0	91.50	180.20	11,760.6	-6,707.1	3.3	-6,335.5	0.81	-0.52	-0.63
18,480.0	91.10	179.80	11,758.4	-6,802.1	3.3	-6,425.2	0.60	-0.42	-0.42
18,575.0	89.90	180.00	11,757.6	-6,897.1	3.5	-6,515.0	1.28	-1.26	0.21
18,671.0	86.80	179.90	11,760.4	-6,993.0	3.6	-6,605.6	3.23	-3.23	-0.10
18,766.0	85.40	179.50	11,766.8	-7,087.8	4.1	-6,695.3	1.53	-1.47	-0.42
18,862.0	87.80	178.90	11,772.5	-7,183.6	5.4	-6,786.2	2.58	2.50	-0.63
18,958.0	91.40	179.90	11,773.2	-7,279.6	6.4	-6,877.2	3.89	3.75	1.04
19,053.0	91.30	180.10	11,771.0	-7,374.6	6.4	-6,966.9	0.24	-0.11	0.21
19,098.0	92.90	179.80	11,769.3	-7,419.5	6.4	-7,009.4	3.62	3.56	-0.67
19,280.0	92.90	179.80	11,760.1	-7,601.3	7.1	-7,181.3	0.00	0.00	0.00

19280.0' MS Projected to Bit - PBHL Armstrong 26/35 W0IP Fed Com 2H

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
975.0	974.9	8.3	-2.9	975.0' MD Rig Surveys
19,280.0	11,760.1	-7,601.3	7.1	19280.0' MS Projected to Bit



Microsoft
Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Armstrong 26-35 W0IP Fed Com #2H
Project:	Eddy County, New Mexico	TVD Reference:	3339 + 27 @ 3366.0usft (Patterson 242)
Site:	Section 26/35-25S-31E Armstrong 26-35 W0IP Fed Com	MD Reference:	3339 + 27 @ 3366.0usft (Patterson 242)
Well:	Armstrong 26-35 W0IP Fed Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM



COMPANY: Mewbourne Oil Company
WELL: Armstrong 26-35 W0IP Fed Com #2H
COUNTY: Eddy County, New Mexico
DATUM: NAD 1927 (NADCON CONUS)
RIG: Patterson Patterson 242



Grid Correction MWD: To convert a Magnetic Direction to a Grid Direction, Add 6.68°

OFFICE: 936.582.7294

GEODETTIC ZONE: New Mexico East 3001

3339 + 27 @ 3366.0usft (Patterson 242)

GROUND ELEVATION: 3339.0

+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	401040.30	683486.50	32° 6' 4.283 N	103° 44' 26.823 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5000.0	0.00	0.00	5000.0	0.0	0.0	0.00	0.00	0.0	
3	5061.8	0.93	359.78	5061.8	0.5	0.0	1.50	359.78	-0.5	
4	11139.0	0.93	359.78	11138.2	98.8	-0.4	0.00	0.00	-98.8	
5	11200.8	0.00	0.00	11200.0	99.3	-0.4	1.50	180.00	-99.3	B B Armstrong 26/35 W0IP Fed Com 2H
6	11319.3	0.00	0.00	11318.5	99.3	-0.4	0.00	0.00	-99.3	
7	12071.9	90.32	179.81	11796.0	-380.8	1.2	12.00	179.81	380.8	
8	19297.1	90.32	179.81	11756.0	-7605.8	24.6	0.00	0.00	7605.8	PBHL Armstrong 26/35 W0IP Fed Com 2H

SHL 2625' FNL; 330' FEL
Section 26-25S-31E
PBHL 330' FSL; 330' FEL
Section 35-25S-31E

