



NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 06 2019

Mewbourne Oil Company RECEIVED

Eddy County, N.M. Nad (83)

Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com

Fleetwood 36-25 W0ML St Com #1H

Original Hole

Design: Original Hole

Survey Report - Geographic

08 October, 2018



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W0ML St Com #1H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Site:	Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com	MD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W0ML St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Project	Eddy County, N.M. Nad (83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com			
Site Position:		Northing:	424,605.10 usft	Latitude: 32° 10' 1.175 N
From:	Map	Easting:	630,002.80 usft	Longitude: 104° 2' 48.427 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.15 °

Well	Fleetwood 36-25 W0ML St Com #1H			
Well Position	+N/-S	0.0 usft	Northing:	424,605.10 usft
	+E/-W	0.0 usft	Easting:	630,002.80 usft
Position Uncertainty	0.0 usft		Wellhead Elevation:	27.0 usft
			Ground Level:	2,945.0 usft

Wellbore	Original Hole
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/30/2018	7.05	59.92	47,742.35385804

Design	Original Hole
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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	211.12

Survey Program	Date 10/8/2018			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
570.0	17,190.0	MWD Survey #1 (Original Hole)	MWD	MWD v3:standard declination

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
404.0	0.98	172.50	404.0	-1.6	-2.2	424,603.45	630,000.55	32° 10' 1.159 N	104° 2' 48.453 W
570.0	0.90	188.70	570.0	-4.3	-2.3	424,600.75	630,000.54	32° 10' 1.132 N	104° 2' 48.453 W
753.0	0.40	189.30	752.9	-6.4	-2.6	424,598.70	630,000.22	32° 10' 1.112 N	104° 2' 48.457 W
945.0	0.60	199.60	944.9	-8.0	-3.0	424,597.09	629,999.78	32° 10' 1.096 N	104° 2' 48.462 W
1,136.0	0.40	221.40	1,135.9	-9.4	-3.8	424,595.65	629,999.00	32° 10' 1.081 N	104° 2' 48.471 W
1,326.0	0.60	218.60	1,325.9	-10.7	-4.9	424,594.38	629,997.94	32° 10' 1.069 N	104° 2' 48.484 W
1,517.0	0.70	267.60	1,516.9	-11.6	-6.7	424,593.55	629,996.15	32° 10' 1.061 N	104° 2' 48.504 W
1,708.0	0.60	166.90	1,707.9	-12.6	-7.6	424,592.52	629,995.21	32° 10' 1.051 N	104° 2' 48.515 W
1,898.0	1.00	133.10	1,897.9	-14.7	-6.2	424,590.42	629,996.65	32° 10' 1.030 N	104° 2' 48.499 W
2,089.0	1.90	113.60	2,088.8	-17.1	-2.0	424,588.01	630,000.77	32° 10' 1.006 N	104° 2' 48.451 W
2,280.0	1.60	108.20	2,279.7	-19.2	3.4	424,585.91	630,006.20	32° 10' 0.985 N	104° 2' 48.388 W

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W0ML St Com #1H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Site:	Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com	MD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W0ML St Com #1H	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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
2,470.0	1.10	108.20	2,469.7	-20.6	7.6	424,584.52	630,010.45	32° 10' 0.971 N	104° 2' 48.338 W	
2,565.0	1.10	100.20	2,564.7	-21.0	9.4	424,584.07	630,012.22	32° 10' 0.967 N	104° 2' 48.318 W	
2,694.0	1.10	95.40	2,693.6	-21.4	11.9	424,583.73	630,014.67	32° 10' 0.963 N	104° 2' 48.289 W	
2,885.0	2.70	105.30	2,884.5	-22.7	18.0	424,582.37	630,020.83	32° 10' 0.950 N	104° 2' 48.218 W	
3,075.0	3.40	113.50	3,074.3	-26.2	27.5	424,578.95	630,030.32	32° 10' 0.915 N	104° 2' 48.107 W	
3,266.0	3.70	97.30	3,264.9	-29.2	38.8	424,575.91	630,041.62	32° 10' 0.885 N	104° 2' 47.976 W	
3,457.0	4.00	89.80	3,455.5	-30.0	51.6	424,575.15	630,054.40	32° 10' 0.877 N	104° 2' 47.827 W	
3,647.0	3.40	93.00	3,645.1	-30.2	63.8	424,574.87	630,066.65	32° 10' 0.874 N	104° 2' 47.685 W	
3,837.0	5.50	106.90	3,834.5	-33.2	78.2	424,571.93	630,080.99	32° 10' 0.845 N	104° 2' 47.518 W	
4,026.0	5.00	105.10	4,022.7	-37.9	94.8	424,567.15	630,097.61	32° 10' 0.797 N	104° 2' 47.325 W	
4,217.0	5.20	108.70	4,212.9	-42.9	111.0	424,562.21	630,113.85	32° 10' 0.747 N	104° 2' 47.136 W	
4,407.0	4.20	112.50	4,402.3	-48.3	125.6	424,556.79	630,128.43	32° 10' 0.693 N	104° 2' 46.967 W	
4,596.0	4.30	110.30	4,590.8	-53.4	138.7	424,551.68	630,141.47	32° 10' 0.643 N	104° 2' 46.815 W	
4,788.0	4.00	111.80	4,782.3	-58.4	151.6	424,546.70	630,154.44	32° 10' 0.593 N	104° 2' 46.664 W	
4,978.0	4.00	112.10	4,971.8	-63.4	163.9	424,541.74	630,166.73	32° 10' 0.544 N	104° 2' 46.521 W	
5,168.0	3.40	108.90	5,161.4	-67.7	175.4	424,537.42	630,178.20	32° 10' 0.501 N	104° 2' 46.388 W	
5,358.0	4.70	113.40	5,350.9	-72.6	187.9	424,532.51	630,190.68	32° 10' 0.452 N	104° 2' 46.243 W	
5,548.0	4.00	111.00	5,540.4	-78.1	201.2	424,527.04	630,204.01	32° 10' 0.397 N	104° 2' 46.088 W	
5,738.0	3.80	108.40	5,730.0	-82.4	213.4	424,522.68	630,216.17	32° 10' 0.354 N	104° 2' 45.947 W	
5,926.0	4.00	101.60	5,917.5	-85.7	225.7	424,519.39	630,228.50	32° 10' 0.321 N	104° 2' 45.803 W	
6,115.0	5.10	115.50	6,105.9	-90.6	239.7	424,514.45	630,242.54	32° 10' 0.271 N	104° 2' 45.640 W	
6,304.0	4.70	116.00	6,294.2	-97.7	254.3	424,507.44	630,257.08	32° 10' 0.202 N	104° 2' 45.471 W	
6,494.0	4.90	118.80	6,483.6	-105.0	268.4	424,500.12	630,271.19	32° 10' 0.129 N	104° 2' 45.307 W	
6,684.0	4.00	115.80	6,673.0	-111.8	281.5	424,493.32	630,284.27	32° 10' 0.061 N	104° 2' 45.155 W	
6,873.0	4.70	101.10	6,861.5	-116.1	295.0	424,488.96	630,297.80	32° 10' 0.018 N	104° 2' 44.998 W	
7,064.0	3.50	92.40	7,052.0	-117.9	308.5	424,487.21	630,311.31	32° 9' 59.982 N	104° 2' 44.841 W	
7,254.0	7.30	97.20	7,241.1	-119.6	326.3	424,485.46	630,329.08	32° 9' 59.982 N	104° 2' 44.634 W	
7,444.0	6.10	114.60	7,429.8	-125.4	347.4	424,479.74	630,350.24	32° 9' 59.925 N	104° 2' 44.388 W	
7,635.0	4.30	106.30	7,620.0	-131.6	363.5	424,473.51	630,366.34	32° 9' 59.863 N	104° 2' 44.201 W	
7,827.0	5.00	117.80	7,811.4	-137.5	377.8	424,467.58	630,380.65	32° 9' 59.804 N	104° 2' 44.035 W	
8,017.0	3.10	102.30	8,000.9	-142.5	390.2	424,462.63	630,393.00	32° 9' 59.755 N	104° 2' 43.891 W	
8,207.0	4.10	120.50	8,190.5	-147.0	401.1	424,458.09	630,403.87	32° 9' 59.709 N	104° 2' 43.765 W	
8,398.0	3.30	124.10	8,381.1	-153.6	411.5	424,451.54	630,414.31	32° 9' 59.644 N	104° 2' 43.644 W	
8,588.0	2.00	118.90	8,570.9	-158.2	418.9	424,446.87	630,421.74	32° 9' 59.598 N	104° 2' 43.558 W	
8,779.0	2.90	116.50	8,761.8	-162.0	426.2	424,443.10	630,428.98	32° 9' 59.560 N	104° 2' 43.473 W	
8,969.0	3.20	111.10	8,951.5	-166.1	435.4	424,439.05	630,438.23	32° 9' 59.520 N	104° 2' 43.366 W	
9,158.2	2.70	114.28	9,140.4	-169.8	444.4	424,435.31	630,447.22	32° 9' 59.483 N	104° 2' 43.261 W	
New B.B. Fleetwood 36 25 W0LM St Com 1H										
9,159.0	2.70	114.30	9,141.2	-169.8	444.5	424,435.30	630,447.26	32° 9' 59.483 N	104° 2' 43.261 W	
9,160.7	2.67	114.27	9,142.9	-169.8	444.5	424,435.27	630,447.33	32° 9' 59.482 N	104° 2' 43.260 W	
B.B. Fleetwood 36 25 W0LM St Com 1H										
9,203.0	1.90	113.10	9,185.2	-170.5	446.1	424,434.59	630,448.87	32° 9' 59.476 N	104° 2' 43.242 W	
9,280.0	2.80	21.00	9,262.2	-169.3	447.9	424,435.84	630,450.72	32° 9' 59.488 N	104° 2' 43.221 W	
9,311.0	7.00	6.60	9,293.0	-166.7	448.4	424,438.43	630,451.21	32° 9' 59.514 N	104° 2' 43.215 W	
9,343.0	10.60	5.50	9,324.7	-161.8	448.9	424,443.29	630,451.71	32° 9' 59.562 N	104° 2' 43.209 W	
9,374.0	14.10	5.60	9,354.9	-155.2	449.6	424,449.89	630,452.36	32° 9' 59.627 N	104° 2' 43.201 W	
9,406.0	18.70	3.80	9,385.6	-146.2	450.3	424,458.89	630,453.08	32° 9' 59.716 N	104° 2' 43.193 W	
9,438.0	23.10	3.30	9,415.5	-134.8	451.0	424,470.29	630,453.78	32° 9' 59.829 N	104° 2' 43.184 W	
9,470.0	25.50	3.80	9,444.7	-121.7	451.8	424,483.43	630,454.60	32° 9' 59.959 N	104° 2' 43.174 W	
9,501.0	28.80	0.60	9,472.3	-107.5	452.3	424,497.56	630,455.12	32° 10' 0.099 N	104° 2' 43.168 W	
9,533.0	33.10	0.00	9,499.7	-91.1	452.4	424,514.01	630,455.20	32° 10' 0.261 N	104° 2' 43.166 W	
9,565.0	37.20	359.80	9,525.8	-72.7	452.4	424,532.43	630,455.16	32° 10' 0.444 N	104° 2' 43.166 W	
9,596.0	41.80	1.30	9,549.8	-53.0	452.6	424,552.14	630,455.37	32° 10' 0.639 N	104° 2' 43.163 W	
9,628.0	46.80	2.20	9,572.7	-30.6	453.3	424,574.47	630,456.06	32° 10' 0.860 N	104° 2' 43.154 W	

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Site:	Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com	MD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W0ML St Com #1H	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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,660.0	51.30	3.50	9,593.6	-6.5	454.5	424,598.60	630,457.27	32° 10' 1.099 N	104° 2' 43.139 W
9,691.0	56.00	4.90	9,612.0	18.4	456.3	424,623.49	630,459.10	32° 10' 1.345 N	104° 2' 43.117 W
9,723.0	60.70	5.20	9,628.8	45.5	458.7	424,650.62	630,461.50	32° 10' 1.613 N	104° 2' 43.089 W
9,755.0	63.10	6.50	9,643.9	73.6	461.6	424,678.70	630,464.38	32° 10' 1.891 N	104° 2' 43.054 W
9,786.0	66.80	6.10	9,657.0	101.5	464.7	424,706.61	630,467.46	32° 10' 2.167 N	104° 2' 43.017 W
9,818.0	70.10	4.60	9,668.7	131.1	467.4	424,736.24	630,470.23	32° 10' 2.460 N	104° 2' 42.984 W
9,850.0	73.70	3.50	9,678.7	161.5	469.6	424,766.57	630,472.38	32° 10' 2.760 N	104° 2' 42.958 W
9,882.0	76.30	3.50	9,687.0	192.3	471.5	424,797.42	630,474.27	32° 10' 3.066 N	104° 2' 42.936 W
9,910.0	78.20	1.00	9,693.1	219.6	472.5	424,824.71	630,475.33	32° 10' 3.336 N	104° 2' 42.922 W
9,977.0	85.40	358.80	9,702.7	285.9	472.4	424,890.97	630,475.21	32° 10' 3.991 N	104° 2' 42.922 W
10,073.0	92.70	357.80	9,704.3	381.8	469.6	424,986.85	630,472.36	32° 10' 4.940 N	104° 2' 42.952 W
10,164.1	87.81	357.80	9,703.9	472.8	466.1	425,077.90	630,468.86	32° 10' 5.841 N	104° 2' 42.990 W
LP Fleetwood 36 25 W0ML St Com 1H									
10,168.0	87.60	357.80	9,704.0	476.7	465.9	425,081.75	630,468.72	32° 10' 5.880 N	104° 2' 42.991 W
10,264.0	91.60	359.10	9,704.7	572.6	463.3	425,177.69	630,466.12	32° 10' 6.829 N	104° 2' 43.018 W
10,359.0	90.70	359.70	9,702.8	667.6	462.3	425,272.67	630,465.13	32° 10' 7.769 N	104° 2' 43.027 W
10,454.0	91.60	0.30	9,700.9	762.5	462.3	425,367.65	630,465.13	32° 10' 8.709 N	104° 2' 43.024 W
10,549.0	91.80	0.70	9,698.1	857.5	463.1	425,462.60	630,465.95	32° 10' 9.648 N	104° 2' 43.011 W
10,644.0	87.00	358.60	9,699.1	952.5	462.6	425,557.56	630,465.37	32° 10' 10.588 N	104° 2' 43.015 W
10,739.0	92.70	359.20	9,699.3	1,047.4	460.7	425,652.50	630,463.55	32° 10' 11.528 N	104° 2' 43.034 W
10,834.0	91.00	359.00	9,696.2	1,142.3	459.3	425,747.44	630,462.06	32° 10' 12.467 N	104° 2' 43.048 W
10,929.0	91.00	358.20	9,694.6	1,237.3	456.9	425,842.39	630,459.74	32° 10' 13.407 N	104° 2' 43.072 W
11,024.0	89.50	358.10	9,694.2	1,332.2	453.9	425,937.34	630,456.67	32° 10' 14.347 N	104° 2' 43.105 W
11,120.0	93.20	357.90	9,691.9	1,428.1	450.5	426,033.24	630,453.32	32° 10' 15.296 N	104° 2' 43.141 W
11,214.0	90.00	359.30	9,689.3	1,522.1	448.2	426,127.16	630,451.03	32° 10' 16.225 N	104° 2' 43.164 W
11,309.0	89.00	0.60	9,690.1	1,617.1	448.1	426,222.15	630,450.95	32° 10' 17.165 N	104° 2' 43.162 W
11,404.0	91.00	0.70	9,690.1	1,712.0	449.2	426,317.14	630,452.02	32° 10' 18.105 N	104° 2' 43.147 W
11,516.0	91.70	1.30	9,687.5	1,824.0	451.2	426,429.09	630,453.98	32° 10' 19.213 N	104° 2' 43.121 W
11,610.0	87.60	1.30	9,688.0	1,917.9	453.3	426,523.05	630,456.11	32° 10' 20.143 N	104° 2' 43.093 W
11,706.0	88.00	1.80	9,691.7	2,013.8	455.9	426,618.94	630,458.71	32° 10' 21.092 N	104° 2' 43.060 W
11,801.0	88.20	3.00	9,694.9	2,108.7	459.9	426,713.80	630,462.68	32° 10' 22.030 N	104° 2' 43.011 W
11,896.0	91.60	6.80	9,695.0	2,203.3	468.0	426,808.42	630,470.79	32° 10' 22.967 N	104° 2' 42.913 W
11,990.0	89.10	5.50	9,694.5	2,296.8	478.1	426,901.87	630,480.86	32° 10' 23.891 N	104° 2' 42.793 W
12,085.0	88.50	5.40	9,696.5	2,391.3	487.1	426,996.42	630,489.88	32° 10' 24.827 N	104° 2' 42.685 W
12,181.0	90.40	9.40	9,697.4	2,486.5	499.4	427,091.59	630,502.24	32° 10' 25.768 N	104° 2' 42.538 W
12,276.0	88.70	5.80	9,698.1	2,580.6	512.0	427,185.74	630,514.81	32° 10' 26.699 N	104° 2' 42.389 W
12,370.0	87.30	2.90	9,701.4	2,674.3	519.1	427,279.40	630,521.93	32° 10' 27.626 N	104° 2' 42.304 W
12,465.0	87.00	359.50	9,706.1	2,769.1	521.1	427,374.25	630,523.92	32° 10' 28.565 N	104° 2' 42.278 W
12,561.0	86.60	359.10	9,711.5	2,865.0	519.9	427,470.09	630,522.75	32° 10' 29.513 N	104° 2' 42.288 W
12,656.0	91.60	357.80	9,713.0	2,959.9	517.4	427,565.01	630,520.18	32° 10' 30.453 N	104° 2' 42.315 W
12,751.0	89.40	358.60	9,712.2	3,054.9	514.4	427,659.95	630,517.20	32° 10' 31.392 N	104° 2' 42.347 W
12,847.0	89.50	355.60	9,713.1	3,150.7	509.5	427,755.81	630,512.34	32° 10' 32.341 N	104° 2' 42.400 W
12,942.0	90.70	354.90	9,712.9	3,245.4	501.7	427,850.49	630,504.47	32° 10' 33.278 N	104° 2' 42.489 W
13,037.0	98.30	358.60	9,705.5	3,339.9	496.3	427,944.95	630,499.09	32° 10' 34.213 N	104° 2' 42.549 W
13,132.0	97.80	358.40	9,692.2	3,433.9	493.8	428,038.98	630,496.63	32° 10' 35.144 N	104° 2' 42.574 W
13,226.0	92.40	357.90	9,683.8	3,527.4	490.8	428,132.53	630,493.61	32° 10' 36.069 N	104° 2' 42.607 W
13,321.0	88.70	357.90	9,682.9	3,622.3	487.3	428,227.44	630,490.13	32° 10' 37.009 N	104° 2' 42.644 W
13,417.0	92.50	0.30	9,681.9	3,718.3	485.8	428,323.40	630,488.62	32° 10' 37.958 N	104° 2' 42.659 W
13,512.0	88.00	359.30	9,681.5	3,813.3	485.5	428,418.38	630,488.29	32° 10' 38.898 N	104° 2' 42.660 W
13,574.0	91.00	0.40	9,682.0	3,875.3	485.3	428,480.36	630,488.12	32° 10' 39.512 N	104° 2' 42.660 W
13,606.0	89.60	0.01	9,681.9	3,907.3	485.4	428,512.36	630,488.24	32° 10' 39.828 N	104° 2' 42.657 W
13,638.0	88.70	0.01	9,682.3	3,939.3	485.4	428,544.36	630,488.24	32° 10' 40.145 N	104° 2' 42.656 W
13,670.0	87.50	359.00	9,683.4	3,971.2	485.2	428,576.34	630,487.96	32° 10' 40.462 N	104° 2' 42.658 W
13,701.0	87.30	358.80	9,684.8	4,002.2	484.6	428,607.30	630,487.37	32° 10' 40.768 N	104° 2' 42.664 W

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W0ML St Com #1H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Site:	Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com	MD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W0ML St Com #1H	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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
13,733.0	86.70	358.60	9,686.5	4,034.1	483.8	428,639.25	630,486.64	32° 10' 41.084 N	104° 2' 42.672 W
13,765.0	88.60	359.30	9,687.8	4,066.1	483.3	428,671.22	630,486.06	32° 10' 41.400 N	104° 2' 42.678 W
13,797.0	89.30	357.90	9,688.4	4,098.1	482.5	428,703.20	630,485.28	32° 10' 41.717 N	104° 2' 42.686 W
13,828.0	89.90	357.10	9,688.6	4,129.1	481.1	428,734.17	630,483.92	32° 10' 42.024 N	104° 2' 42.700 W
13,860.0	91.30	357.20	9,688.2	4,161.0	479.5	428,766.13	630,482.33	32° 10' 42.340 N	104° 2' 42.718 W
13,892.0	91.50	357.10	9,687.5	4,193.0	477.9	428,798.08	630,480.74	32° 10' 42.656 N	104° 2' 42.736 W
13,923.0	89.60	357.80	9,687.2	4,223.9	476.6	428,829.04	630,479.36	32° 10' 42.963 N	104° 2' 42.751 W
13,955.0	89.60	358.20	9,687.4	4,255.9	475.4	428,861.02	630,478.25	32° 10' 43.279 N	104° 2' 42.763 W
13,986.0	89.10	358.30	9,687.7	4,286.9	474.5	428,892.01	630,477.30	32° 10' 43.586 N	104° 2' 42.773 W
14,018.0	89.10	358.70	9,688.2	4,318.9	473.7	428,923.99	630,476.46	32° 10' 43.902 N	104° 2' 42.781 W
14,050.0	89.90	358.90	9,688.5	4,350.9	473.0	428,955.98	630,475.79	32° 10' 44.219 N	104° 2' 42.788 W
14,081.0	90.20	359.10	9,688.5	4,381.9	472.4	428,986.98	630,475.25	32° 10' 44.526 N	104° 2' 42.794 W
14,113.0	90.10	358.70	9,688.4	4,413.9	471.8	429,018.97	630,474.64	32° 10' 44.842 N	104° 2' 42.800 W
14,144.0	91.50	359.10	9,688.0	4,444.9	471.2	429,049.96	630,474.04	32° 10' 45.149 N	104° 2' 42.806 W
14,176.0	90.90	359.30	9,687.3	4,476.9	470.8	429,081.95	630,473.59	32° 10' 45.465 N	104° 2' 42.810 W
14,270.0	89.80	359.30	9,686.7	4,507.8	469.6	429,175.94	630,472.45	32° 10' 46.396 N	104° 2' 42.820 W
14,365.0	90.60	358.60	9,686.4	4,665.8	467.9	429,270.92	630,470.71	32° 10' 47.336 N	104° 2' 42.838 W
14,461.0	92.00	359.60	9,684.2	4,761.8	466.4	429,366.88	630,469.20	32° 10' 48.285 N	104° 2' 42.852 W
14,555.0	86.20	358.50	9,685.7	4,855.7	464.8	429,460.82	630,467.64	32° 10' 49.215 N	104° 2' 42.867 W
14,651.0	87.80	358.20	9,690.7	4,951.5	462.1	429,556.64	630,464.88	32° 10' 50.163 N	104° 2' 42.896 W
14,746.0	90.20	359.50	9,692.4	5,046.5	460.2	429,651.60	630,462.97	32° 10' 51.103 N	104° 2' 42.916 W
14,841.0	89.10	0.01	9,693.0	5,141.5	459.8	429,746.60	630,462.56	32° 10' 52.043 N	104° 2' 42.917 W
14,935.0	89.80	0.90	9,693.9	5,235.5	460.5	429,840.59	630,463.31	32° 10' 52.973 N	104° 2' 42.906 W
15,031.0	89.90	2.10	9,694.1	5,331.5	463.0	429,936.55	630,465.82	32° 10' 53.923 N	104° 2' 42.874 W
15,126.0	90.20	0.70	9,694.0	5,426.4	465.3	430,031.52	630,468.14	32° 10' 54.863 N	104° 2' 42.844 W
15,221.0	88.00	359.20	9,695.5	5,521.4	465.3	430,126.50	630,468.06	32° 10' 55.802 N	104° 2' 42.842 W
15,316.0	90.00	359.50	9,697.2	5,616.4	464.2	430,221.48	630,466.98	32° 10' 56.742 N	104° 2' 42.851 W
15,411.0	92.10	359.10	9,695.4	5,711.3	463.0	430,316.45	630,465.82	32° 10' 57.682 N	104° 2' 42.862 W
15,507.0	90.70	357.80	9,693.1	5,807.3	460.4	430,412.38	630,463.22	32° 10' 58.632 N	104° 2' 42.889 W
15,601.0	91.30	359.60	9,691.5	5,901.2	458.3	430,506.34	630,461.09	32° 10' 59.561 N	104° 2' 42.911 W
15,696.0	90.40	357.90	9,690.1	5,996.2	456.2	430,601.30	630,459.02	32° 11' 0.501 N	104° 2' 42.932 W
15,790.0	89.70	357.50	9,690.0	6,090.1	452.4	430,695.22	630,455.25	32° 11' 1.431 N	104° 2' 42.973 W
15,886.0	90.60	358.90	9,689.7	6,186.1	449.4	430,791.17	630,452.23	32° 11' 2.380 N	104° 2' 43.005 W
15,980.0	90.70	359.30	9,688.7	6,280.1	448.0	430,885.15	630,450.76	32° 11' 3.311 N	104° 2' 43.019 W
16,076.0	93.00	0.00	9,685.6	6,376.0	447.4	430,981.10	630,450.17	32° 11' 4.260 N	104° 2' 43.023 W
16,171.0	92.20	359.60	9,681.2	6,470.9	447.0	431,076.00	630,449.84	32° 11' 5.199 N	104° 2' 43.024 W
16,266.0	91.90	359.60	9,677.8	6,565.8	446.4	431,170.93	630,449.17	32° 11' 6.139 N	104° 2' 43.029 W
16,360.0	88.50	357.80	9,677.5	6,659.8	444.2	431,264.89	630,447.04	32° 11' 7.069 N	104° 2' 43.051 W
16,455.0	87.40	357.30	9,680.9	6,754.6	440.2	431,359.74	630,442.98	32° 11' 8.007 N	104° 2' 43.095 W
16,551.0	87.10	357.30	9,685.5	6,850.4	435.7	431,455.52	630,438.47	32° 11' 8.955 N	104° 2' 43.145 W
16,646.0	88.30	357.10	9,689.3	6,945.2	431.0	431,550.33	630,433.83	32° 11' 9.894 N	104° 2' 43.196 W
16,741.0	90.80	1.20	9,690.1	7,040.2	429.6	431,645.29	630,432.42	32° 11' 10.833 N	104° 2' 43.209 W
16,835.0	89.00	1.00	9,690.2	7,134.2	431.4	431,739.27	630,434.23	32° 11' 11.763 N	104° 2' 43.185 W
16,931.0	89.80	4.20	9,691.2	7,230.1	435.8	431,835.15	630,438.58	32° 11' 12.712 N	104° 2' 43.131 W
17,026.0	92.30	7.60	9,689.5	7,324.5	445.5	431,929.61	630,448.34	32° 11' 13.647 N	104° 2' 43.015 W
17,120.0	89.80	6.50	9,687.8	7,417.8	457.1	432,022.88	630,459.87	32° 11' 14.569 N	104° 2' 42.878 W
17,138.0	89.50	6.40	9,687.9	7,435.7	459.1	432,040.76	630,461.90	32° 11' 14.746 N	104° 2' 42.854 W
17,189.5	89.50	6.40	9,688.3	7,486.9	464.8	432,091.98	630,467.64	32° 11' 15.253 N	104° 2' 42.785 W
New PBHL Fleetwood 36 25 W0LM St Com 1H									
17,190.0	89.50	6.40	9,688.3	7,487.3	464.9	432,092.44	630,467.69	32° 11' 15.257 N	104° 2' 42.785 W
17190' MD Projected to Bit - PBHL Fleetwood 36 25 W0LM St Com 1H									



Microsoft
Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W0ML St Com #1H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Site:	Section 36/25-24S-28E Fleetwood 36/25 W0ML St Com	MD Reference:	2945 + 27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W0ML St Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
+N/-S (usft)	+E/-W (usft)			
17,190.0	9,688.3	7,487.3	464.9	17190' MD Projected to Bit