



MEWBOURNE
OIL COMPANY

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 06 2019

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Mewbourne Oil Company

Eddy County, N.M. Nad (83)

Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H

Fleetwood 36-25 W2NK St Com #2H

Original Hole

Design: Original Hole

Survey Report - Geographic

28 November, 2018

STRYKER
DIRECTIONAL

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	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 36-24S-28E Fleetwood 36-25 W2NK St Com #2H		
Site Position:		Northing:	424,689.50 usft
From:	Map	Easting:	630,921.80 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 1.986 N
		Longitude:	104° 2' 37.732 W
		Grid Convergence:	0.15 °

Well	Fleetwood 36-25 W2NK St Com #2H		
Well Position	+N/-S	0.0 usft	Northing: 424,689.50 usft
	+E/-W	0.0 usft	Easting: 630,921.80 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	27.0 usft
		Latitude:	32° 10' 1.986 N
		Longitude:	104° 2' 37.732 W
		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	09/21/18	7.03	59.92	47,727.95312495

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	127.65

Survey Program	Date	From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
	11/28/18	573.0	18,205.0	MWD Survey (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
388.0	1.86	80.58	387.8	2.2	10.8	424,691.74	630,932.58	32° 10' 2.008 N	104° 2' 37.607 W
573.0	1.30	56.70	572.7	3.9	15.5	424,693.38	630,937.30	32° 10' 2.024 N	104° 2' 37.552 W
758.0	1.30	55.70	757.7	6.2	19.0	424,695.72	630,940.79	32° 10' 2.047 N	104° 2' 37.511 W
950.0	1.20	218.80	949.7	5.9	19.5	424,695.38	630,941.33	32° 10' 2.043 N	104° 2' 37.505 W
1,141.0	1.40	237.70	1,140.6	3.1	16.3	424,692.57	630,938.10	32° 10' 2.016 N	104° 2' 37.542 W
1,331.0	1.70	221.90	1,330.6	-0.3	12.5	424,689.23	630,934.26	32° 10' 1.983 N	104° 2' 37.587 W
1,522.0	1.30	236.00	1,521.5	-3.6	8.8	424,685.91	630,930.57	32° 10' 1.950 N	104° 2' 37.630 W
1,712.0	1.10	224.30	1,711.5	-6.1	5.7	424,683.40	630,927.51	32° 10' 1.925 N	104° 2' 37.666 W
1,902.0	0.60	213.60	1,901.4	-8.2	3.9	424,681.27	630,925.68	32° 10' 1.904 N	104° 2' 37.687 W
2,092.0	1.10	132.70	2,091.4	-10.3	4.7	424,679.20	630,926.47	32° 10' 1.884 N	104° 2' 37.678 W
2,282.0	1.80	108.60	2,281.4	-12.5	8.8	424,677.02	630,930.64	32° 10' 1.862 N	104° 2' 37.630 W

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Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St 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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
2,472.0	2.90	106.80	2,471.2	-14.8	16.3	424,674.68	630,938.07	32° 10' 1.839 N	104° 2' 37.543 W
2,582.0	2.70	109.40	2,581.1	-16.5	21.4	424,673.01	630,943.18	32° 10' 1.822 N	104° 2' 37.484 W
2,699.0	2.30	105.60	2,697.9	-18.0	26.2	424,671.46	630,948.04	32° 10' 1.807 N	104° 2' 37.427 W
2,889.0	5.80	110.90	2,887.4	-22.5	38.9	424,667.01	630,960.69	32° 10' 1.762 N	104° 2' 37.280 W
3,079.0	6.10	109.50	3,076.4	-29.3	57.4	424,660.22	630,979.17	32° 10' 1.694 N	104° 2' 37.066 W
3,269.0	5.90	104.40	3,265.4	-35.1	76.3	424,654.42	630,998.14	32° 10' 1.637 N	104° 2' 36.845 W
3,459.0	6.50	115.50	3,454.3	-42.1	95.5	424,647.36	631,017.31	32° 10' 1.566 N	104° 2' 36.622 W
3,650.0	5.10	115.30	3,644.3	-50.4	112.9	424,639.08	631,034.74	32° 10' 1.484 N	104° 2' 36.420 W
3,840.0	5.20	113.80	3,833.5	-57.5	128.5	424,631.99	631,050.26	32° 10' 1.413 N	104° 2' 36.239 W
4,030.0	5.00	109.10	4,022.8	-63.7	144.2	424,625.81	631,065.96	32° 10' 1.352 N	104° 2' 36.057 W
4,220.0	4.70	110.30	4,212.1	-69.1	159.3	424,620.40	631,081.08	32° 10' 1.298 N	104° 2' 35.881 W
4,410.0	5.40	115.20	4,401.4	-75.6	174.7	424,613.89	631,096.47	32° 10' 1.233 N	104° 2' 35.702 W
4,601.0	5.80	117.20	4,591.4	-83.8	191.4	424,605.65	631,113.19	32° 10' 1.151 N	104° 2' 35.508 W
4,792.0	5.80	113.60	4,781.5	-92.1	208.8	424,597.38	631,130.62	32° 10' 1.069 N	104° 2' 35.306 W
4,982.0	5.80	116.10	4,970.5	-100.2	226.2	424,589.31	631,148.04	32° 10' 0.988 N	104° 2' 35.103 W
5,172.0	5.10	117.40	5,159.6	-108.3	242.4	424,581.20	631,164.16	32° 10' 0.908 N	104° 2' 34.916 W
5,363.0	4.20	116.60	5,350.0	-115.3	256.1	424,574.16	631,177.95	32° 10' 0.838 N	104° 2' 34.756 W
5,553.0	3.70	118.80	5,539.6	-121.4	267.7	424,568.10	631,189.54	32° 10' 0.777 N	104° 2' 34.621 W
5,744.0	5.10	107.90	5,730.0	-127.0	281.2	424,562.52	631,203.02	32° 10' 0.722 N	104° 2' 34.464 W
5,934.0	4.70	105.60	5,919.3	-131.7	296.7	424,557.83	631,218.55	32° 10' 0.675 N	104° 2' 34.284 W
6,124.0	5.20	103.50	6,108.6	-135.8	312.6	424,553.72	631,234.42	32° 10' 0.634 N	104° 2' 34.099 W
6,314.0	4.70	106.70	6,297.9	-140.0	328.4	424,549.48	631,250.25	32° 10' 0.591 N	104° 2' 33.915 W
6,504.0	2.50	110.50	6,487.5	-143.7	339.8	424,545.79	631,261.59	32° 10' 0.555 N	104° 2' 33.783 W
6,694.0	3.70	124.10	6,677.2	-148.6	348.7	424,540.90	631,270.55	32° 10' 0.506 N	104° 2' 33.679 W
6,883.0	3.50	109.40	6,865.8	-153.9	359.2	424,535.57	631,281.04	32° 10' 0.453 N	104° 2' 33.557 W
7,070.0	3.60	124.20	7,052.5	-159.1	369.5	424,530.37	631,291.28	32° 10' 0.401 N	104° 2' 33.438 W
7,261.0	4.40	110.00	7,243.0	-165.0	381.3	424,524.49	631,303.13	32° 10' 0.343 N	104° 2' 33.301 W
7,452.0	5.50	99.90	7,433.3	-169.1	397.2	424,520.41	631,319.03	32° 10' 0.302 N	104° 2' 33.116 W
7,639.0	6.50	97.40	7,619.3	-172.0	416.5	424,517.51	631,338.35	32° 10' 0.273 N	104° 2' 32.891 W
7,829.0	6.60	116.60	7,808.1	-178.3	437.0	424,511.23	631,358.78	32° 10' 0.210 N	104° 2' 32.654 W
8,018.0	4.90	121.20	7,996.1	-187.3	453.6	424,502.19	631,375.40	32° 10' 0.120 N	104° 2' 32.461 W
8,209.0	5.90	119.90	8,186.3	-196.4	469.1	424,493.07	631,390.89	32° 10' 0.029 N	104° 2' 32.281 W
8,399.0	4.80	115.40	8,375.4	-204.7	484.7	424,484.79	631,406.54	32° 9' 59.947 N	104° 2' 32.099 W
8,589.0	6.00	135.70	8,564.6	-215.2	498.8	424,474.27	631,420.65	32° 9' 59.843 N	104° 2' 31.935 W
8,779.0	3.70	146.90	8,753.9	-227.5	509.1	424,462.03	631,430.94	32° 9' 59.721 N	104° 2' 31.816 W
8,969.0	2.80	153.30	8,943.6	-236.8	514.6	424,452.75	631,436.37	32° 9' 59.629 N	104° 2' 31.753 W
9,160.0	2.00	172.70	9,134.4	-244.2	517.1	424,445.27	631,438.89	32° 9' 59.555 N	104° 2' 31.724 W
9,351.0	1.50	175.80	9,325.4	-250.0	517.7	424,439.47	631,439.50	32° 9' 59.498 N	104° 2' 31.717 W
9,541.0	1.80	174.30	9,515.3	-255.5	518.2	424,434.02	631,439.98	32° 9' 59.444 N	104° 2' 31.711 W
9,732.0	1.50	82.50	9,706.2	-258.1	520.9	424,431.36	631,442.75	32° 9' 59.417 N	104° 2' 31.679 W
9,922.0	1.50	67.70	9,896.2	-256.9	525.7	424,432.63	631,447.52	32° 9' 59.430 N	104° 2' 31.624 W
10,113.0	1.30	62.60	10,087.1	-254.9	530.0	424,434.58	631,451.76	32° 9' 59.449 N	104° 2' 31.574 W
10,127.0	1.28	62.33	10,101.1	-254.8	530.2	424,434.72	631,452.04	32° 9' 59.450 N	104° 2' 31.571 W
B.B. Fleetwood 36-25 W2NK St Com 2H									
10,181.0	1.20	61.20	10,155.1	-254.2	531.3	424,435.28	631,453.07	32° 9' 59.456 N	104° 2' 31.559 W
10,234.0	1.30	41.20	10,208.1	-253.5	532.1	424,436.00	631,453.95	32° 9' 59.463 N	104° 2' 31.549 W
10,266.0	3.50	53.30	10,240.0	-252.6	533.2	424,436.85	631,454.97	32° 9' 59.471 N	104° 2' 31.537 W
10,298.0	6.20	38.10	10,271.9	-250.7	535.0	424,438.80	631,456.82	32° 9' 59.491 N	104° 2' 31.515 W
10,329.0	8.40	14.40	10,302.7	-247.2	536.6	424,442.31	631,458.42	32° 9' 59.525 N	104° 2' 31.497 W
10,361.0	11.60	20.70	10,334.2	-241.9	538.3	424,447.58	631,460.14	32° 9' 59.577 N	104° 2' 31.477 W
10,393.0	14.90	23.40	10,365.3	-235.1	541.1	424,454.37	631,462.91	32° 9' 59.644 N	104° 2' 31.444 W
10,424.0	18.70	22.30	10,395.0	-226.9	544.6	424,462.63	631,466.38	32° 9' 59.726 N	104° 2' 31.403 W
10,456.0	22.90	21.10	10,424.9	-216.3	548.8	424,473.19	631,470.57	32° 9' 59.830 N	104° 2' 31.354 W
10,487.0	26.40	18.00	10,453.1	-204.1	553.1	424,485.38	631,474.87	32° 9' 59.951 N	104° 2' 31.304 W

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Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St 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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,519.0	30.00	14.40	10,481.3	-189.6	557.3	424,499.90	631,479.06	32° 10' 0.095 N	104° 2' 31.255 W
10,550.0	33.30	10.00	10,507.7	-173.7	560.7	424,515.79	631,482.47	32° 10' 0.252 N	104° 2' 31.215 W
10,582.0	37.40	7.30	10,533.8	-155.4	563.4	424,534.09	631,485.23	32° 10' 0.433 N	104° 2' 31.182 W
10,614.0	40.50	5.60	10,558.7	-135.4	565.7	424,554.07	631,487.48	32° 10' 0.630 N	104° 2' 31.155 W
10,645.0	43.50	2.60	10,581.7	-114.7	567.1	424,574.76	631,488.94	32° 10' 0.835 N	104° 2' 31.137 W
10,677.0	47.40	1.30	10,604.1	-92.0	567.9	424,597.54	631,489.71	32° 10' 1.061 N	104° 2' 31.128 W
10,708.0	52.00	1.30	10,624.2	-68.3	568.4	424,621.17	631,490.25	32° 10' 1.294 N	104° 2' 31.121 W
10,740.0	57.40	0.90	10,642.7	-42.2	568.9	424,647.28	631,490.74	32° 10' 1.553 N	104° 2' 31.114 W
10,772.0	61.40	0.00	10,659.0	-14.7	569.2	424,674.81	631,490.96	32° 10' 1.825 N	104° 2' 31.111 W
10,804.0	64.20	359.30	10,673.6	13.8	569.0	424,703.27	631,490.78	32° 10' 2.107 N	104° 2' 31.112 W
10,835.0	67.70	358.30	10,686.2	42.1	568.4	424,731.57	631,490.18	32° 10' 2.387 N	104° 2' 31.118 W
10,867.0	69.50	357.50	10,697.9	71.8	567.3	424,761.34	631,489.09	32° 10' 2.682 N	104° 2' 31.130 W
10,898.0	71.80	358.30	10,708.2	101.1	566.2	424,790.57	631,488.02	32° 10' 2.971 N	104° 2' 31.141 W
10,925.0	73.80	359.00	10,716.1	126.9	565.6	424,816.35	631,487.41	32° 10' 3.226 N	104° 2' 31.148 W
10,967.0	76.80	359.20	10,726.8	167.5	565.0	424,856.97	631,486.78	32° 10' 3.628 N	104° 2' 31.154 W
10,999.0	76.30	358.60	10,734.2	198.6	564.4	424,888.08	631,486.18	32° 10' 3.936 N	104° 2' 31.160 W
11,030.0	75.60	359.40	10,741.8	228.7	563.9	424,918.15	631,485.65	32° 10' 4.233 N	104° 2' 31.165 W
11,062.0	76.40	359.00	10,749.5	259.7	563.4	424,949.20	631,485.22	32° 10' 4.541 N	104° 2' 31.169 W
11,093.0	78.90	357.70	10,756.1	290.0	562.5	424,979.46	631,484.35	32° 10' 4.840 N	104° 2' 31.178 W
11,125.0	79.90	355.80	10,762.0	321.4	560.8	425,010.87	631,482.56	32° 10' 5.151 N	104° 2' 31.198 W
11,156.0	80.40	355.50	10,767.3	351.8	558.4	425,041.32	631,480.25	32° 10' 5.452 N	104° 2' 31.224 W
11,188.0	81.50	355.40	10,772.4	383.3	555.9	425,072.82	631,477.74	32° 10' 5.764 N	104° 2' 31.252 W
11,220.0	81.60	354.90	10,777.1	414.9	553.3	425,104.36	631,475.06	32° 10' 6.076 N	104° 2' 31.282 W
11,252.0	82.80	355.40	10,781.4	446.5	550.6	425,135.95	631,472.38	32° 10' 6.389 N	104° 2' 31.312 W
11,283.0	87.10	355.50	10,784.1	477.2	548.1	425,166.73	631,469.93	32° 10' 6.694 N	104° 2' 31.340 W
11,315.0	89.20	356.30	10,785.2	509.1	545.8	425,198.63	631,467.65	32° 10' 7.010 N	104° 2' 31.365 W
11,346.0	88.50	355.60	10,785.8	540.0	543.7	425,229.54	631,465.46	32° 10' 7.316 N	104° 2' 31.390 W
11,374.5	88.68	355.87	10,786.5	568.4	541.5	425,257.92	631,463.34	32° 10' 7.596 N	104° 2' 31.414 W
LP Fleetwood 36-25 W2NK St Com 2H									
11,378.0	88.70	355.90	10,786.6	571.9	541.3	425,261.44	631,463.09	32° 10' 7.631 N	104° 2' 31.417 W
11,410.0	89.60	358.70	10,787.0	603.9	539.8	425,293.40	631,461.58	32° 10' 7.948 N	104° 2' 31.433 W
11,506.0	91.10	7.90	10,786.5	699.6	545.3	425,389.14	631,467.10	32° 10' 8.895 N	104° 2' 31.366 W
11,538.0	90.70	11.20	10,786.0	731.2	550.6	425,420.68	631,472.41	32° 10' 9.207 N	104° 2' 31.303 W
11,569.0	90.60	11.90	10,785.6	761.6	556.8	425,451.05	631,478.61	32° 10' 9.507 N	104° 2' 31.230 W
11,601.0	91.00	11.00	10,785.2	792.9	563.2	425,482.41	631,484.97	32° 10' 9.817 N	104° 2' 31.155 W
11,632.0	91.00	7.80	10,784.6	823.5	568.2	425,512.99	631,490.03	32° 10' 10.120 N	104° 2' 31.095 W
11,664.0	90.80	2.00	10,784.1	855.4	571.0	425,544.85	631,492.76	32° 10' 10.435 N	104° 2' 31.062 W
11,696.0	91.00	357.80	10,783.6	887.3	570.9	425,576.84	631,492.70	32° 10' 10.752 N	104° 2' 31.062 W
11,727.0	90.90	359.10	10,783.1	918.3	570.1	425,607.83	631,491.87	32° 10' 11.058 N	104° 2' 31.071 W
11,759.0	90.80	358.80	10,782.6	950.3	569.5	425,639.82	631,491.28	32° 10' 11.375 N	104° 2' 31.077 W
11,791.0	90.30	353.20	10,782.3	982.2	567.2	425,671.73	631,489.05	32° 10' 11.691 N	104° 2' 31.102 W
11,823.0	90.90	349.50	10,782.0	1,013.9	562.4	425,703.35	631,484.24	32° 10' 12.004 N	104° 2' 31.157 W
11,854.0	90.80	346.90	10,781.5	1,044.2	556.1	425,733.69	631,477.90	32° 10' 12.304 N	104° 2' 31.229 W
11,886.0	90.50	347.50	10,781.2	1,075.4	549.0	425,764.90	631,470.81	32° 10' 12.613 N	104° 2' 31.311 W
11,917.0	90.80	350.20	10,780.8	1,105.8	543.0	425,795.31	631,464.82	32° 10' 12.914 N	104° 2' 31.380 W
11,950.0	90.70	351.50	10,780.4	1,138.4	537.8	425,827.88	631,459.57	32° 10' 13.237 N	104° 2' 31.440 W
11,982.0	89.30	349.60	10,780.4	1,169.9	532.5	425,859.45	631,454.31	32° 10' 13.549 N	104° 2' 31.500 W
12,013.0	88.80	354.60	10,780.9	1,200.6	528.3	425,890.14	631,450.06	32° 10' 13.853 N	104° 2' 31.548 W
12,077.0	89.80	354.20	10,781.7	1,264.3	522.0	425,953.83	631,443.81	32° 10' 14.484 N	104° 2' 31.619 W
12,108.0	89.80	353.90	10,781.8	1,295.2	518.8	425,984.66	631,440.60	32° 10' 14.789 N	104° 2' 31.655 W
12,140.0	89.70	357.70	10,781.9	1,327.1	516.5	426,016.57	631,438.25	32° 10' 15.105 N	104° 2' 31.682 W
12,171.0	89.60	357.20	10,782.1	1,358.0	515.1	426,047.54	631,436.88	32° 10' 15.411 N	104° 2' 31.697 W
12,203.0	91.00	359.10	10,781.9	1,390.0	514.0	426,079.52	631,435.84	32° 10' 15.728 N	104° 2' 31.708 W
12,234.0	90.90	359.50	10,781.4	1,421.0	513.7	426,110.51	631,435.46	32° 10' 16.034 N	104° 2' 31.711 W

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St 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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
12,266.0	90.40	358.30	10,781.1	1,453.0	513.0	426,142.50	631,434.85	32° 10' 16.351 N	104° 2' 31.717 W
12,361.0	91.30	3.70	10,779.7	1,547.9	514.7	426,237.44	631,436.51	32° 10' 17.290 N	104° 2' 31.695 W
12,392.0	91.70	6.50	10,778.8	1,578.8	517.5	426,268.30	631,439.26	32° 10' 17.596 N	104° 2' 31.662 W
12,424.0	92.10	7.80	10,777.8	1,610.5	521.4	426,300.04	631,443.24	32° 10' 17.910 N	104° 2' 31.615 W
12,455.0	91.50	8.50	10,776.8	1,641.2	525.8	426,330.71	631,447.63	32° 10' 18.213 N	104° 2' 31.563 W
12,487.0	91.30	8.50	10,776.0	1,672.8	530.6	426,362.35	631,452.36	32° 10' 18.526 N	104° 2' 31.507 W
12,518.0	91.90	6.40	10,775.2	1,703.6	534.6	426,393.07	631,456.38	32° 10' 18.830 N	104° 2' 31.459 W
12,549.0	91.30	0.60	10,774.3	1,734.5	536.5	426,423.99	631,458.27	32° 10' 19.136 N	104° 2' 31.436 W
12,581.0	90.70	358.70	10,773.7	1,766.5	536.3	426,455.98	631,458.08	32° 10' 19.453 N	104° 2' 31.437 W
12,613.0	90.50	356.90	10,773.4	1,798.5	535.0	426,487.95	631,456.85	32° 10' 19.769 N	104° 2' 31.451 W
12,645.0	91.00	356.20	10,773.0	1,830.4	533.1	426,519.89	631,454.92	32° 10' 20.085 N	104° 2' 31.472 W
12,676.0	91.30	358.30	10,772.4	1,861.4	531.6	426,550.85	631,453.43	32° 10' 20.392 N	104° 2' 31.488 W
12,708.0	91.10	357.20	10,771.7	1,893.3	530.4	426,582.82	631,452.18	32° 10' 20.708 N	104° 2' 31.502 W
12,740.0	91.20	358.10	10,771.0	1,925.3	529.1	426,614.78	631,450.87	32° 10' 21.024 N	104° 2' 31.516 W
12,771.0	90.40	359.30	10,770.6	1,956.3	528.4	426,645.77	631,450.16	32° 10' 21.331 N	104° 2' 31.523 W
12,803.0	90.50	359.60	10,770.4	1,988.3	528.1	426,677.77	631,449.86	32° 10' 21.648 N	104° 2' 31.526 W
12,835.0	90.00	356.00	10,770.2	2,020.2	526.8	426,709.74	631,448.63	32° 10' 21.964 N	104° 2' 31.539 W
12,930.0	86.60	355.60	10,773.0	2,114.9	519.9	426,804.43	631,441.67	32° 10' 22.901 N	104° 2' 31.617 W
13,025.0	90.50	2.60	10,775.4	2,209.8	518.4	426,899.31	631,440.19	32° 10' 23.840 N	104° 2' 31.631 W
13,121.0	90.70	2.70	10,774.4	2,305.7	522.8	426,995.20	631,444.63	32° 10' 24.789 N	104° 2' 31.577 W
13,216.0	89.00	0.10	10,774.7	2,400.7	525.1	427,090.16	631,446.95	32° 10' 25.729 N	104° 2' 31.547 W
13,311.0	88.90	0.60	10,776.4	2,495.6	525.7	427,185.14	631,447.53	32° 10' 26.669 N	104° 2' 31.537 W
13,405.0	92.00	2.30	10,775.7	2,589.6	528.1	427,279.10	631,449.91	32° 10' 27.598 N	104° 2' 31.506 W
13,500.0	92.40	2.90	10,772.0	2,684.4	532.4	427,373.93	631,454.21	32° 10' 28.537 N	104° 2' 31.453 W
13,595.0	89.20	350.60	10,770.7	2,779.1	527.0	427,468.57	631,448.83	32° 10' 29.473 N	104° 2' 31.513 W
13,690.0	90.60	356.40	10,770.9	2,873.4	516.3	427,562.92	631,438.09	32° 10' 30.407 N	104° 2' 31.635 W
13,785.0	90.30	1.20	10,770.1	2,968.4	514.3	427,657.87	631,436.10	32° 10' 31.347 N	104° 2' 31.655 W
13,880.0	89.00	2.70	10,770.7	3,063.3	517.5	427,752.80	631,439.33	32° 10' 32.286 N	104° 2' 31.615 W
13,975.0	88.40	4.70	10,772.9	3,158.1	523.7	427,847.58	631,445.46	32° 10' 33.224 N	104° 2' 31.540 W
14,070.0	92.10	5.60	10,772.5	3,252.7	532.2	427,942.17	631,453.98	32° 10' 34.160 N	104° 2' 31.438 W
14,134.0	91.20	3.30	10,770.6	3,316.5	537.1	428,005.95	631,458.95	32° 10' 34.791 N	104° 2' 31.378 W
14,166.0	90.20	1.00	10,770.2	3,348.4	538.3	428,037.92	631,460.15	32° 10' 35.107 N	104° 2' 31.363 W
14,261.0	91.40	0.60	10,768.9	3,443.4	539.7	428,132.90	631,461.47	32° 10' 36.047 N	104° 2' 31.345 W
14,356.0	87.80	354.20	10,769.6	3,538.2	535.4	428,227.74	631,457.17	32° 10' 36.986 N	104° 2' 31.392 W
14,451.0	88.90	354.90	10,772.3	3,632.8	526.3	428,322.27	631,448.15	32° 10' 37.922 N	104° 2' 31.494 W
14,548.0	91.30	356.40	10,772.1	3,729.5	519.0	428,418.98	631,440.79	32° 10' 38.879 N	104° 2' 31.577 W
14,643.0	91.90	359.80	10,769.5	3,824.4	515.8	428,513.87	631,437.64	32° 10' 39.818 N	104° 2' 31.610 W
14,738.0	91.30	358.40	10,766.8	3,919.3	514.3	428,608.82	631,436.15	32° 10' 40.758 N	104° 2' 31.625 W
14,833.0	88.90	358.70	10,766.7	4,014.3	511.9	428,703.78	631,433.75	32° 10' 41.698 N	104° 2' 31.649 W
14,930.0	89.30	359.90	10,768.2	4,111.3	510.8	428,800.76	631,432.56	32° 10' 42.657 N	104° 2' 31.660 W
15,025.0	89.70	0.20	10,769.0	4,206.3	510.8	428,895.76	631,432.65	32° 10' 43.597 N	104° 2' 31.656 W
15,119.0	89.80	2.70	10,769.4	4,300.2	513.2	428,989.72	631,435.02	32° 10' 44.527 N	104° 2' 31.626 W
15,214.0	91.20	0.70	10,768.6	4,395.2	516.0	429,084.67	631,437.84	32° 10' 45.467 N	104° 2' 31.590 W
15,309.0	92.40	0.00	10,765.6	4,490.1	516.6	429,179.62	631,438.42	32° 10' 46.406 N	104° 2' 31.580 W
15,404.0	93.40	359.10	10,760.8	4,585.0	515.9	429,274.49	631,437.68	32° 10' 47.345 N	104° 2' 31.586 W
15,498.0	91.30	359.30	10,756.9	4,678.9	514.6	429,368.40	631,436.37	32° 10' 48.274 N	104° 2' 31.598 W
15,593.0	88.50	359.90	10,757.1	4,773.9	513.9	429,463.38	631,435.70	32° 10' 49.214 N	104° 2' 31.603 W
15,688.0	88.70	355.20	10,759.4	4,868.7	509.8	429,558.24	631,431.64	32° 10' 50.153 N	104° 2' 31.647 W
15,783.0	88.70	352.00	10,761.6	4,963.1	499.3	429,652.61	631,421.06	32° 10' 51.087 N	104° 2' 31.767 W
15,878.0	89.50	353.10	10,763.1	5,057.3	486.9	429,746.80	631,408.74	32° 10' 52.020 N	104° 2' 31.908 W
15,973.0	87.90	353.20	10,765.2	5,151.6	475.6	429,841.09	631,397.42	32° 10' 52.953 N	104° 2' 32.036 W
16,069.0	91.10	357.30	10,766.1	5,247.2	467.7	429,936.73	631,389.47	32° 10' 53.900 N	104° 2' 32.126 W
16,164.0	90.50	357.80	10,764.7	5,342.1	463.6	430,031.63	631,385.41	32° 10' 54.839 N	104° 2' 32.170 W
16,259.0	95.90	2.20	10,759.4	5,436.9	463.6	430,126.42	631,385.40	32° 10' 55.777 N	104° 2' 32.167 W

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St 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)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
16,354.0	94.90	3.40	10,750.5	5,531.4	468.2	430,220.89	631,390.02	32° 10' 56.712 N	104° 2' 32.111 W
16,448.0	92.60	3.00	10,744.4	5,625.0	473.5	430,314.53	631,395.26	32° 10' 57.639 N	104° 2' 32.047 W
16,544.0	92.70	6.60	10,739.9	5,720.6	481.5	430,410.08	631,403.28	32° 10' 58.584 N	104° 2' 31.950 W
16,638.0	89.00	4.60	10,738.5	5,814.1	490.6	430,503.60	631,412.45	32° 10' 59.509 N	104° 2' 31.841 W
16,733.0	87.20	5.00	10,741.7	5,908.7	498.6	430,598.21	631,420.39	32° 11' 0.445 N	104° 2' 31.745 W
16,828.0	85.90	5.00	10,747.4	6,003.2	506.9	430,692.67	631,428.66	32° 11' 1.380 N	104° 2' 31.646 W
16,891.0	86.50	4.20	10,751.6	6,065.8	511.9	430,755.33	631,433.70	32° 11' 2.000 N	104° 2' 31.585 W
16,924.0	87.30	2.70	10,753.3	6,098.7	513.9	430,788.22	631,435.68	32° 11' 2.325 N	104° 2' 31.561 W
16,955.0	87.60	2.00	10,754.7	6,129.7	515.1	430,819.16	631,436.95	32° 11' 2.631 N	104° 2' 31.546 W
16,986.0	88.10	1.50	10,755.9	6,160.6	516.1	430,850.13	631,437.90	32° 11' 2.938 N	104° 2' 31.534 W
17,018.0	87.80	1.60	10,757.0	6,192.6	517.0	430,882.10	631,438.76	32° 11' 3.254 N	104° 2' 31.523 W
17,050.0	87.80	1.30	10,758.3	6,224.6	517.8	430,914.06	631,439.57	32° 11' 3.570 N	104° 2' 31.512 W
17,082.0	89.10	2.10	10,759.1	6,256.5	518.7	430,946.04	631,440.52	32° 11' 3.887 N	104° 2' 31.500 W
17,113.0	87.90	0.60	10,759.9	6,287.5	519.4	430,977.02	631,441.25	32° 11' 4.193 N	104° 2' 31.491 W
17,145.0	88.40	2.20	10,761.0	6,319.5	520.2	431,008.99	631,442.03	32° 11' 4.510 N	104° 2' 31.480 W
17,185.0	90.50	3.30	10,761.4	6,359.4	522.1	431,048.94	631,443.95	32° 11' 4.905 N	104° 2' 31.457 W
17,216.0	91.10	3.90	10,760.9	6,390.4	524.1	431,079.87	631,445.90	32° 11' 5.211 N	104° 2' 31.433 W
17,248.0	91.10	3.40	10,760.3	6,422.3	526.1	431,111.80	631,447.93	32° 11' 5.527 N	104° 2' 31.409 W
17,279.0	90.60	3.40	10,759.8	6,453.2	528.0	431,142.74	631,449.77	32° 11' 5.833 N	104° 2' 31.386 W
17,311.0	89.90	0.20	10,759.7	6,485.2	529.0	431,174.72	631,450.78	32° 11' 6.149 N	104° 2' 31.373 W
17,342.0	88.10	0.70	10,760.2	6,516.2	529.2	431,205.72	631,451.02	32° 11' 6.456 N	104° 2' 31.370 W
17,374.0	85.70	0.80	10,762.0	6,548.2	529.6	431,237.66	631,451.44	32° 11' 6.772 N	104° 2' 31.364 W
17,406.0	86.40	358.60	10,764.2	6,580.1	529.5	431,269.59	631,451.27	32° 11' 7.088 N	104° 2' 31.365 W
17,437.0	87.10	358.40	10,765.9	6,611.0	528.7	431,300.52	631,450.46	32° 11' 7.394 N	104° 2' 31.373 W
17,469.0	88.80	358.60	10,767.1	6,643.0	527.8	431,332.49	631,449.62	32° 11' 7.711 N	104° 2' 31.382 W
17,500.0	89.40	359.50	10,767.6	6,674.0	527.3	431,363.48	631,449.11	32° 11' 8.017 N	104° 2' 31.387 W
17,532.0	91.60	1.20	10,767.3	6,706.0	527.5	431,395.48	631,449.31	32° 11' 8.334 N	104° 2' 31.384 W
17,564.0	93.60	0.30	10,765.8	6,737.9	527.9	431,427.44	631,449.72	32° 11' 8.650 N	104° 2' 31.378 W
17,595.0	93.60	359.40	10,763.9	6,768.9	527.8	431,458.38	631,449.64	32° 11' 8.957 N	104° 2' 31.378 W
17,626.0	93.50	359.50	10,762.0	6,799.8	527.5	431,489.32	631,449.35	32° 11' 9.263 N	104° 2' 31.380 W
17,658.0	93.10	359.20	10,760.1	6,831.8	527.2	431,521.26	631,448.98	32° 11' 9.579 N	104° 2' 31.383 W
17,690.0	92.70	359.10	10,758.5	6,863.7	526.7	431,553.22	631,448.51	32° 11' 9.895 N	104° 2' 31.388 W
17,721.0	91.80	358.70	10,757.3	6,894.7	526.1	431,584.19	631,447.91	32° 11' 10.202 N	104° 2' 31.394 W
17,752.0	91.90	359.10	10,756.3	6,925.7	525.5	431,615.17	631,447.32	32° 11' 10.508 N	104° 2' 31.400 W
17,784.0	92.80	359.80	10,755.0	6,957.6	525.2	431,647.14	631,447.01	32° 11' 10.825 N	104° 2' 31.402 W
17,847.0	90.90	0.80	10,752.9	7,020.6	525.5	431,710.10	631,447.34	32° 11' 11.448 N	104° 2' 31.397 W
17,879.0	89.50	0.70	10,752.8	7,052.6	526.0	431,742.10	631,447.76	32° 11' 11.764 N	104° 2' 31.391 W
17,911.0	89.60	359.80	10,753.1	7,084.6	526.1	431,774.10	631,447.90	32° 11' 12.081 N	104° 2' 31.388 W
17,975.0	92.00	0.80	10,752.2	7,148.6	526.4	431,838.08	631,448.24	32° 11' 12.714 N	104° 2' 31.382 W
18,007.0	91.80	0.60	10,751.1	7,180.6	526.8	431,870.06	631,448.63	32° 11' 13.031 N	104° 2' 31.377 W
18,070.0	92.00	0.70	10,749.0	7,243.5	527.5	431,933.02	631,449.34	32° 11' 13.654 N	104° 2' 31.366 W
18,156.0	90.30	357.90	10,747.3	7,329.5	526.5	432,018.99	631,448.29	32° 11' 14.504 N	104° 2' 31.376 W
18,205.0	90.30	357.90	10,747.1	7,378.5	524.7	432,067.95	631,446.49	32° 11' 14.989 N	104° 2' 31.395 W

18205.0' MD Projected to Bit - PBHL Fleetwood 36-25 W2NK St Com 2H

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
18,205.0	10,747.1	7,378.5	524.7	18205.0' MD Projected to Bit



Microsoft
Survey Report - Geographic



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St Com #2H	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

STRYKER

DIRECTIONAL

January 11, 2019

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

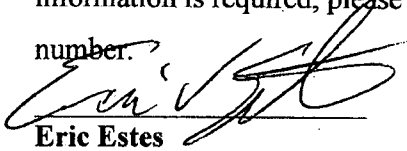
Attn: Jackie Lathan

Re: Mewbourne Oil Company
Fleetwood 36 25 W2NK State Com #002H
Purple Sage; Wolfcamp
Eddy County, New Mexico
API# 30-015-44966

Enclosed please find the original and one (1) copy of the survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C. Other information required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
James Pruett	Original Hole	573ft. to 18,156ft.	10-20-18 to 11-27-18	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Eric Estes

Enclosures

CC:

Mewbourne Oil Company
Attn: Frosty Lathan
P.O. Box 5720
Hobbs, NM 88241

Mewbourne Oil Company
Attn: Robin Terrell
P.O. Box 5720
Hobbs, NM 88241

NMEMaNRD\Mewbourne Oil Company\Fleetwood 36 25 W2NK State Com #2H\181139

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163



January 11, 2019

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 06 2019

Survey Certification Report

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STATE OF TEXAS

COUNTY OF Montgomery

I, Eric Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of October 20, 2018, through November 27, 2018 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 573feet to a depth of 18,156feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Fleetwood 36 25 W2NK State Com #2H, well API # 30-015-44966 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

A handwritten signature in black ink, appearing to read "Eric Estes", is written over a horizontal line.

Eric Estes

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St C	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	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 36-24S-28E Fleetwood 36-25 W2NK St Com #2H		
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Site Position:		Northing:	424,689.50 usft	Latitude:	32° 10' 1.986 N
From:	Map	Easting:	630,921.80 usft	Longitude:	104° 2' 37.732 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.15 °

Well	Fleetwood 36-25 W2NK St Com #2H				
Well Position	+N/-S	0.0 usft	Northing:	424,689.50 usft	Latitude: 32° 10' 1.986 N
	+E/-W	0.0 usft	Easting:	630,921.80 usft	Longitude: 104° 2' 37.732 W
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	09/21/18	7.03	59.92	47,727.95312496

Design	Original Hole				
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Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	127.65	

Survey Program	Date 11/28/18				
From	To	Survey (Wellbore)	Tool Name	Description	
(usft)	(usft)				
573.0	18,205.0	MWD Survey (Original Hole)	MWD	MWD v3:standard declination	

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Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
388.0	1.86	80.58	387.8	2,584.2	2.2	10.8	11.0	78.26	
388.0' MD Phoenix Gyro									
573.0	1.30	56.70	572.7	2,399.3	3.9	15.5	16.0	75.93	
758.0	1.30	55.70	757.7	2,214.3	6.2	19.0	20.0	71.86	
950.0	1.20	218.80	949.7	2,022.3	5.9	19.5	20.4	73.24	
1,141.0	1.40	237.70	1,140.6	1,831.4	3.1	16.3	16.6	79.32	
1,331.0	1.70	221.90	1,330.6	1,641.4	-0.3	12.5	12.5	91.22	
1,522.0	1.30	236.00	1,521.5	1,450.5	-3.6	8.8	9.5	112.24	
1,712.0	1.10	224.30	1,711.5	1,260.5	-6.1	5.7	8.3	136.90	
1,902.0	0.60	213.60	1,901.4	1,070.6	-8.2	3.9	9.1	154.75	
2,092.0	1.10	132.70	2,091.4	880.6	-10.3	4.7	11.3	155.60	
2,282.0	1.80	108.60	2,281.4	690.6	-12.5	8.8	15.3	144.70	
2,472.0	2.90	106.80	2,471.2	500.8	-14.8	16.3	22.0	132.34	
2,582.0	2.70	109.40	2,581.1	390.9	-16.5	21.4	27.0	127.65	
2,699.0	2.30	105.60	2,697.9	274.1	-18.0	26.2	31.8	124.51	
2,889.0	5.80	110.90	2,887.4	84.6	-22.5	38.9	44.9	120.04	
3,079.0	6.10	109.50	3,076.4	-104.4	-29.3	57.4	64.4	117.04	
3,269.0	5.90	104.40	3,265.4	-293.4	-35.1	76.3	84.0	114.68	
3,459.0	6.50	115.50	3,454.3	-482.3	-42.1	95.5	104.4	113.81	
3,650.0	5.10	115.30	3,644.3	-672.3	-50.4	112.9	123.7	114.06	
3,840.0	5.20	113.80	3,833.5	-861.5	-57.5	128.5	140.7	114.12	
4,030.0	5.00	109.10	4,022.8	-1,050.8	-63.7	144.2	157.6	113.84	
4,220.0	4.70	110.30	4,212.1	-1,240.1	-69.1	159.3	173.6	113.45	
4,410.0	5.40	115.20	4,401.4	-1,429.4	-75.6	174.7	190.3	113.41	
4,601.0	5.80	117.20	4,591.4	-1,619.4	-83.8	191.4	208.9	113.66	
4,792.0	5.80	113.60	4,781.5	-1,809.5	-92.1	208.8	228.2	113.81	
4,982.0	5.80	116.10	4,970.5	-1,998.5	-100.2	226.2	247.4	113.89	

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Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
5,172.0	5.10	117.40	5,159.6	-2,187.6	-108.3	242.4	265.4	114.08	
5,363.0	4.20	116.60	5,350.0	-2,378.0	-115.3	256.1	280.9	114.24	
5,553.0	3.70	118.80	5,539.6	-2,567.6	-121.4	267.7	294.0	114.39	
5,744.0	5.10	107.90	5,730.0	-2,758.0	-127.0	281.2	308.6	114.30	
5,934.0	4.70	105.60	5,919.3	-2,947.3	-131.7	296.7	324.7	113.93	
6,124.0	5.20	103.50	6,108.6	-3,136.6	-135.8	312.6	340.8	113.48	
6,314.0	4.70	106.70	6,297.9	-3,325.9	-140.0	328.4	357.0	113.09	
6,504.0	2.50	110.50	6,487.5	-3,515.5	-143.7	339.8	368.9	112.93	
6,694.0	3.70	124.10	6,677.2	-3,705.2	-148.6	348.7	379.1	113.08	
6,883.0	3.50	109.40	6,865.8	-3,893.8	-153.9	359.2	390.8	113.20	
7,070.0	3.60	124.20	7,052.5	-4,080.5	-159.1	369.5	402.3	113.30	
7,261.0	4.40	110.00	7,243.0	-4,271.0	-165.0	381.3	415.5	113.40	
7,452.0	5.50	99.90	7,433.3	-4,461.3	-169.1	397.2	431.7	113.06	
7,639.0	6.50	97.40	7,619.3	-4,647.3	-172.0	416.5	450.7	112.44	
7,829.0	6.60	116.60	7,808.1	-4,836.1	-178.3	437.0	471.9	112.19	
8,018.0	4.90	121.20	7,996.1	-5,024.1	-187.3	453.6	490.8	112.44	
8,209.0	5.90	119.90	8,186.3	-5,214.3	-196.4	469.1	508.6	112.72	
8,399.0	4.80	115.40	8,375.4	-5,403.4	-204.7	484.7	526.2	112.90	
8,589.0	6.00	135.70	8,564.6	-5,592.6	-215.2	498.8	543.3	113.34	
8,779.0	3.70	146.90	8,753.9	-5,781.9	-227.5	509.1	557.6	114.07	
8,969.0	2.80	153.30	8,943.6	-5,971.6	-236.8	514.6	566.4	114.71	
9,160.0	2.00	172.70	9,134.4	-6,162.4	-244.2	517.1	571.9	115.28	
9,351.0	1.50	175.80	9,325.4	-6,353.4	-250.0	517.7	574.9	115.78	
9,541.0	1.80	174.30	9,515.3	-6,543.3	-255.5	518.2	577.7	116.24	
9,732.0	1.50	82.50	9,706.2	-6,734.2	-258.1	520.9	581.4	116.36	
9,922.0	1.50	67.70	9,896.2	-6,924.2	-256.9	525.7	585.1	116.04	
10,113.0	1.30	62.60	10,087.1	-7,115.1	-254.9	530.0	588.1	115.69	

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Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St C	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore Design:	Original Hole	Survey Calculation Method:	Minimum Curvature
	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
10,127.0	1.28	62.33	10,101.1	-7,129.1	-254.8	530.2	588.3	115.66	
B.B. Fleetwood 36-25 W2NK St Com 2H									
10,181.0	1.20	61.20	10,155.1	-7,183.1	-254.2	531.3	589.0	115.57	
10,234.0	1.30	41.20	10,208.1	-7,236.1	-253.5	532.1	589.4	115.47	
10,266.0	3.50	53.30	10,240.0	-7,268.0	-252.6	533.2	590.0	115.35	
10,298.0	6.20	38.10	10,271.9	-7,299.9	-250.7	535.0	590.8	115.11	
10,329.0	8.40	14.40	10,302.7	-7,330.7	-247.2	536.6	590.8	114.73	
10,361.0	11.60	20.70	10,334.2	-7,362.2	-241.9	538.3	590.2	114.20	
10,393.0	14.90	23.40	10,365.3	-7,393.3	-235.1	541.1	590.0	113.49	
10,424.0	18.70	22.30	10,395.0	-7,423.0	-226.9	544.6	589.9	112.62	
10,456.0	22.90	21.10	10,424.9	-7,452.9	-216.3	548.8	589.9	111.51	
10,487.0	26.40	18.00	10,453.1	-7,481.1	-204.1	553.1	589.5	110.26	
10,519.0	30.00	14.40	10,481.3	-7,509.3	-189.6	557.3	588.6	108.79	
10,550.0	33.30	10.00	10,507.7	-7,535.7	-173.7	560.7	587.0	107.21	
10,582.0	37.40	7.30	10,533.8	-7,561.8	-155.4	563.4	584.5	105.42	
10,614.0	40.50	5.60	10,558.7	-7,586.7	-135.4	565.7	581.7	103.46	
10,645.0	43.50	2.60	10,581.7	-7,609.7	-114.7	567.1	578.6	101.44	
10,677.0	47.40	1.30	10,604.1	-7,632.1	-92.0	567.9	575.3	99.20	
10,708.0	52.00	1.30	10,624.2	-7,652.2	-68.3	568.4	572.5	96.85	
10,740.0	57.40	0.90	10,642.7	-7,670.7	-42.2	568.9	570.5	94.24	
10,772.0	61.40	0.00	10,659.0	-7,687.0	-14.7	569.2	569.3	91.48	
10,804.0	64.20	359.30	10,673.6	-7,701.6	13.8	569.0	569.1	88.61	
10,835.0	67.70	358.30	10,686.2	-7,714.2	42.1	568.4	569.9	85.77	
10,867.0	69.50	357.50	10,697.9	-7,725.9	71.8	567.3	571.8	82.78	
10,898.0	71.80	358.30	10,708.2	-7,736.2	101.1	566.2	575.2	79.88	
10,925.0	73.80	359.00	10,716.1	-7,744.1	126.9	565.6	579.7	77.36	
10,967.0	76.80	359.20	10,726.8	-7,754.8	167.5	565.0	589.3	73.49	

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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
10,999.0	76.30	358.60	10,734.2	-7,762.2	198.6	564.4	598.3	70.61	
11,030.0	75.60	359.40	10,741.8	-7,769.8	228.7	563.9	608.4	67.93	
11,062.0	76.40	359.00	10,749.5	-7,777.5	259.7	563.4	620.4	65.25	
11,093.0	78.90	357.70	10,756.1	-7,784.1	290.0	562.5	632.9	62.73	
11,125.0	79.90	355.80	10,762.0	-7,790.0	321.4	560.8	646.3	60.18	
11,156.0	80.40	355.50	10,767.3	-7,795.3	351.8	558.4	660.0	57.79	
11,188.0	81.50	355.40	10,772.4	-7,800.4	383.3	555.9	675.3	55.41	
11,220.0	81.60	354.90	10,777.1	-7,805.1	414.9	553.3	691.5	53.14	
11,252.0	82.80	355.40	10,781.4	-7,809.4	446.5	550.6	708.8	50.96	
11,283.0	87.10	355.50	10,784.1	-7,812.1	477.2	548.1	726.8	48.96	
11,315.0	89.20	356.30	10,785.2	-7,813.2	509.1	545.8	746.4	46.99	
11,346.0	88.50	355.60	10,785.8	-7,813.8	540.0	543.7	766.3	45.19	
11,374.5	88.68	355.87	10,786.5	-7,814.5	568.4	541.5	785.1	43.61	
LP Fleetwood 36-25 W2NK St Com 2H									
11,378.0	88.70	355.90	10,786.6	-7,814.6	571.9	541.3	787.5	43.42	
11,410.0	89.60	358.70	10,787.0	-7,815.0	603.9	539.8	810.0	41.79	
11,506.0	91.10	7.90	10,786.5	-7,814.5	699.6	545.3	887.0	37.93	
11,538.0	90.70	11.20	10,786.0	-7,814.0	731.2	550.6	915.3	36.98	
11,569.0	90.60	11.90	10,785.6	-7,813.6	761.6	556.8	943.4	36.17	
11,601.0	91.00	11.00	10,785.2	-7,813.2	792.9	563.2	972.6	35.38	
11,632.0	91.00	7.80	10,784.6	-7,812.6	823.5	568.2	1,000.5	34.61	
11,664.0	90.80	2.00	10,784.1	-7,812.1	855.4	571.0	1,028.4	33.72	
11,696.0	91.00	357.80	10,783.6	-7,811.6	887.3	570.9	1,055.1	32.76	
11,727.0	90.90	359.10	10,783.1	-7,811.1	918.3	570.1	1,080.9	31.83	
11,759.0	90.80	358.80	10,782.6	-7,810.6	950.3	569.5	1,107.9	30.93	
11,791.0	90.30	353.20	10,782.3	-7,810.3	982.2	567.2	1,134.3	30.01	
11,823.0	90.90	349.50	10,782.0	-7,810.0	1,013.9	562.4	1,159.4	29.02	

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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
11,854.0	90.80	346.90	10,781.5	-7,809.5	1,044.2	556.1	1,183.0	28.04
11,886.0	90.50	347.50	10,781.2	-7,809.2	1,075.4	549.0	1,207.4	27.04
11,917.0	90.80	350.20	10,780.8	-7,808.8	1,105.8	543.0	1,231.9	26.15
11,950.0	90.70	351.50	10,780.4	-7,808.4	1,138.4	537.8	1,259.0	25.29
11,982.0	89.30	349.60	10,780.4	-7,808.4	1,169.9	532.5	1,285.4	24.47
12,013.0	88.80	354.60	10,780.9	-7,808.9	1,200.6	528.3	1,311.7	23.75
12,077.0	89.80	354.20	10,781.7	-7,809.7	1,264.3	522.0	1,367.9	22.43
12,108.0	89.80	353.90	10,781.8	-7,809.8	1,295.2	518.8	1,395.2	21.83
12,140.0	89.70	357.70	10,781.9	-7,809.9	1,327.1	516.5	1,424.0	21.26
12,171.0	89.60	357.20	10,782.1	-7,810.1	1,358.0	515.1	1,452.4	20.77
12,203.0	91.00	359.10	10,781.9	-7,809.9	1,390.0	514.0	1,482.0	20.29
12,234.0	90.90	359.50	10,781.4	-7,809.4	1,421.0	513.7	1,511.0	19.87
12,266.0	90.40	358.30	10,781.1	-7,809.1	1,453.0	513.0	1,540.9	19.45
12,361.0	91.30	3.70	10,779.7	-7,807.7	1,547.9	514.7	1,631.3	18.39
12,392.0	91.70	6.50	10,778.8	-7,806.8	1,578.8	517.5	1,661.4	18.15
12,424.0	92.10	7.80	10,777.8	-7,805.8	1,610.5	521.4	1,692.8	17.94
12,455.0	91.50	8.50	10,776.8	-7,804.8	1,641.2	525.8	1,723.4	17.77
12,487.0	91.30	8.50	10,776.0	-7,804.0	1,672.8	530.6	1,755.0	17.60
12,518.0	91.90	6.40	10,775.2	-7,803.2	1,703.6	534.6	1,785.5	17.42
12,549.0	91.30	0.60	10,774.3	-7,802.3	1,734.5	536.5	1,815.6	17.19
12,581.0	90.70	358.70	10,773.7	-7,801.7	1,766.5	536.3	1,846.1	16.89
12,613.0	90.50	356.90	10,773.4	-7,801.4	1,798.5	535.0	1,876.4	16.57
12,645.0	91.00	356.20	10,773.0	-7,801.0	1,830.4	533.1	1,906.5	16.24
12,676.0	91.30	358.30	10,772.4	-7,800.4	1,861.4	531.6	1,935.8	15.94
12,708.0	91.10	357.20	10,771.7	-7,799.7	1,893.3	530.4	1,966.2	15.65
12,740.0	91.20	358.10	10,771.0	-7,799.0	1,925.3	529.1	1,996.7	15.37
12,771.0	90.40	359.30	10,770.6	-7,798.6	1,956.3	528.4	2,026.4	15.11

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St C	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
12,803.0	90.50	359.60	10,770.4	-7,798.4	1,988.3	528.1	2,057.2	14.87	
12,835.0	90.00	356.00	10,770.2	-7,798.2	2,020.2	526.8	2,087.8	14.62	
12,930.0	86.60	355.60	10,773.0	-7,801.0	2,114.9	519.9	2,177.9	13.81	
13,025.0	90.50	2.60	10,775.4	-7,803.4	2,209.8	518.4	2,269.8	13.20	
13,121.0	90.70	2.70	10,774.4	-7,802.4	2,305.7	522.8	2,364.2	12.78	
13,216.0	89.00	0.10	10,774.7	-7,802.7	2,400.7	525.1	2,457.4	12.34	
13,311.0	88.90	0.60	10,776.4	-7,804.4	2,495.6	525.7	2,550.4	11.90	
13,405.0	92.00	2.30	10,775.7	-7,803.7	2,589.6	528.1	2,642.9	11.53	
13,500.0	92.40	2.90	10,772.0	-7,800.0	2,684.4	532.4	2,736.7	11.22	
13,595.0	89.20	350.60	10,770.7	-7,798.7	2,779.1	527.0	2,828.6	10.74	
13,690.0	90.60	356.40	10,770.9	-7,798.9	2,873.4	516.3	2,919.4	10.19	
13,785.0	90.30	1.20	10,770.1	-7,798.1	2,968.4	514.3	3,012.6	9.83	
13,880.0	89.00	2.70	10,770.7	-7,798.7	3,063.3	517.5	3,106.7	9.59	
13,975.0	88.40	4.70	10,772.9	-7,800.9	3,158.1	523.7	3,201.2	9.41	
14,070.0	92.10	5.60	10,772.5	-7,800.5	3,252.7	532.2	3,295.9	9.29	
14,134.0	91.20	3.30	10,770.6	-7,798.6	3,316.5	537.1	3,359.7	9.20	
14,166.0	90.20	1.00	10,770.2	-7,798.2	3,348.4	538.3	3,391.4	9.13	
14,261.0	91.40	0.60	10,768.9	-7,796.9	3,443.4	539.7	3,485.4	8.91	
14,356.0	87.80	354.20	10,769.6	-7,797.6	3,538.2	535.4	3,578.5	8.60	
14,451.0	88.90	354.90	10,772.3	-7,800.3	3,632.8	526.3	3,670.7	8.24	
14,548.0	91.30	356.40	10,772.1	-7,800.1	3,729.5	519.0	3,765.4	7.92	
14,643.0	91.90	359.80	10,769.5	-7,797.5	3,824.4	515.8	3,859.0	7.68	
14,738.0	91.30	358.40	10,766.8	-7,794.8	3,919.3	514.3	3,952.9	7.48	
14,833.0	88.90	358.70	10,766.7	-7,794.7	4,014.3	511.9	4,046.8	7.27	
14,930.0	89.30	359.90	10,768.2	-7,796.2	4,111.3	510.8	4,142.9	7.08	
15,025.0	89.70	0.20	10,769.0	-7,797.0	4,206.3	510.8	4,237.2	6.92	
15,119.0	89.80	2.70	10,769.4	-7,797.4	4,300.2	513.2	4,330.7	6.81	

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St C	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
15,214.0	91.20	0.70	10,768.6	-7,796.6	4,395.2	516.0	4,425.4	6.70	
15,309.0	92.40	0.00	10,765.6	-7,793.6	4,490.1	516.6	4,519.7	6.56	
15,404.0	93.40	359.10	10,760.8	-7,788.8	4,585.0	515.9	4,613.9	6.42	
15,498.0	91.30	359.30	10,756.9	-7,784.9	4,678.9	514.6	4,707.1	6.28	
15,593.0	88.50	359.90	10,757.1	-7,785.1	4,773.9	513.9	4,801.5	6.14	
15,688.0	88.70	355.20	10,759.4	-7,787.4	4,868.7	509.8	4,895.4	5.98	
15,783.0	88.70	352.00	10,761.6	-7,789.6	4,963.1	499.3	4,988.2	5.74	
15,878.0	89.50	353.10	10,763.1	-7,791.1	5,057.3	486.9	5,080.7	5.50	
15,973.0	87.90	353.20	10,765.2	-7,793.2	5,151.6	475.6	5,173.5	5.27	
16,069.0	91.10	357.30	10,766.1	-7,794.1	5,247.2	467.7	5,268.0	5.09	
16,164.0	90.50	357.80	10,764.7	-7,792.7	5,342.1	463.6	5,362.2	4.96	
16,259.0	95.90	2.20	10,759.4	-7,787.4	5,436.9	463.6	5,456.7	4.87	
16,354.0	94.90	3.40	10,750.5	-7,778.5	5,531.4	468.2	5,551.2	4.84	
16,448.0	92.60	3.00	10,744.4	-7,772.4	5,625.0	473.5	5,644.9	4.81	
16,544.0	92.70	6.60	10,739.9	-7,767.9	5,720.6	481.5	5,740.8	4.81	
16,638.0	89.00	4.60	10,738.5	-7,766.5	5,814.1	490.6	5,834.8	4.82	
16,733.0	87.20	5.00	10,741.7	-7,769.7	5,908.7	498.6	5,929.7	4.82	
16,828.0	85.90	5.00	10,747.4	-7,775.4	6,003.2	506.9	6,024.5	4.83	
16,891.0	86.50	4.20	10,751.6	-7,779.6	6,065.8	511.9	6,087.4	4.82	
16,924.0	87.30	2.70	10,753.3	-7,781.3	6,098.7	513.9	6,120.3	4.82	
16,955.0	87.60	2.00	10,754.7	-7,782.7	6,129.7	515.1	6,151.3	4.80	
16,986.0	88.10	1.50	10,755.9	-7,783.9	6,160.6	516.1	6,182.2	4.79	
17,018.0	87.80	1.60	10,757.0	-7,785.0	6,192.6	517.0	6,214.1	4.77	
17,050.0	87.80	1.30	10,758.3	-7,786.3	6,224.6	517.8	6,246.1	4.75	
17,082.0	89.10	2.10	10,759.1	-7,787.1	6,256.5	518.7	6,278.0	4.74	
17,113.0	87.90	0.60	10,759.9	-7,787.9	6,287.5	519.4	6,308.9	4.72	
17,145.0	88.40	2.20	10,761.0	-7,789.0	6,319.5	520.2	6,340.9	4.71	

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St C	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey								
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)
17,185.0	90.50	3.30	10,761.4	-7,789.4	6,359.4	522.1	6,380.8	4.69
17,216.0	91.10	3.90	10,760.9	-7,788.9	6,390.4	524.1	6,411.8	4.69
17,248.0	91.10	3.40	10,760.3	-7,788.3	6,422.3	526.1	6,443.8	4.68
17,279.0	90.60	3.40	10,759.8	-7,787.8	6,453.2	528.0	6,474.8	4.68
17,311.0	89.90	0.20	10,759.7	-7,787.7	6,485.2	529.0	6,506.8	4.66
17,342.0	88.10	0.70	10,760.2	-7,788.2	6,516.2	529.2	6,537.7	4.64
17,374.0	85.70	0.80	10,762.0	-7,790.0	6,548.2	529.6	6,569.5	4.62
17,406.0	86.40	358.60	10,764.2	-7,792.2	6,580.1	529.5	6,601.4	4.60
17,437.0	87.10	358.40	10,765.9	-7,793.9	6,611.0	528.7	6,632.1	4.57
17,469.0	88.80	358.60	10,767.1	-7,795.1	6,643.0	527.8	6,663.9	4.54
17,500.0	89.40	359.50	10,767.6	-7,795.6	6,674.0	527.3	6,694.8	4.52
17,532.0	91.60	1.20	10,767.3	-7,795.3	6,706.0	527.5	6,726.7	4.50
17,564.0	93.60	0.30	10,765.8	-7,793.8	6,737.9	527.9	6,758.6	4.48
17,595.0	93.60	359.40	10,763.9	-7,791.9	6,768.9	527.8	6,789.4	4.46
17,626.0	93.50	359.50	10,762.0	-7,790.0	6,799.8	527.5	6,820.3	4.44
17,658.0	93.10	359.20	10,760.1	-7,788.1	6,831.8	527.2	6,852.1	4.41
17,690.0	92.70	359.10	10,758.5	-7,786.5	6,863.7	526.7	6,883.9	4.39
17,721.0	91.80	358.70	10,757.3	-7,785.3	6,894.7	526.1	6,914.7	4.36
17,752.0	91.90	359.10	10,756.3	-7,784.3	6,925.7	525.5	6,945.6	4.34
17,784.0	92.80	359.80	10,755.0	-7,783.0	6,957.6	525.2	6,977.4	4.32
17,847.0	90.90	0.80	10,752.9	-7,780.9	7,020.6	525.5	7,040.2	4.28
17,879.0	89.50	0.70	10,752.8	-7,780.8	7,052.6	526.0	7,072.2	4.27
17,911.0	89.60	359.80	10,753.1	-7,781.1	7,084.6	526.1	7,104.1	4.25
17,975.0	92.00	0.80	10,752.2	-7,780.2	7,148.6	526.4	7,167.9	4.21
18,007.0	91.80	0.60	10,751.1	-7,779.1	7,180.6	526.8	7,199.9	4.20
18,070.0	92.00	0.70	10,749.0	-7,777.0	7,243.5	527.5	7,262.7	4.17
18,156.0	90.30	357.90	10,747.3	-7,775.3	7,329.5	526.5	7,348.4	4.11



Microsoft
MWD Surveys



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Fleetwood 36-25 W2NK St Com #2H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Site:	Section 36-24S-28E Fleetwood 36-25 W2NK St C	MD Reference:	2945 +27 @ 2972.0usft (Patterson 562)
Well:	Fleetwood 36-25 W2NK St Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey									
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	
18,205.0	90.30	357.90	10,747.1	-7,775.1	7,378.5	524.7	7,397.1	4.07	
18205.0' MD Projected to Bit - PBHL Fleetwood 36-25 W2NK St Com 2H									

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
388.0	387.8	2.2	10.8	388.0' MD Phoenix Gyro
18,205.0	10,747.1	7,378.5	524.7	18205.0' MD Projected to Bit



COMPANY: Mewbourne Oil Company
WELL: Fleetwood 36-25 W2NK St Com #2H
COUNTY: Eddy County, N.M. Nad (83)
DATUM: North American Datum 1983
RIG: Patterson 562



OFFICE: 936.582.7296

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 6.88°

GEODETTIC ZONE: New Mexico Eastern Zone
2945 +27 @ 2972.0usft (Patterson 562)
GROUND ELEVATION: 2945.0

+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	424689.50	630921.80	32° 10' 1.986 N	104° 2' 37.732 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2660.0	0.00	0.00	2660.0	0.0	0.0	0.00	0.00	0.0	
3	3007.6	5.21	113.70	3007.1	-6.4	14.5	1.50	113.70	-5.3	
4	9781.4	5.21	113.70	9752.9	-253.8	578.1	0.00	0.00	-210.0	
5	10129.0	0.00	0.00	10100.0	-260.1	592.6	1.50	180.00	-215.2	B.B. Fleetwood 36-25 W2NK St Com 2H
6	10236.0	0.00	0.00	10207.0	-260.1	592.6	0.00	0.00	-215.2	
7	11138.0	90.20	359.70	10780.0	314.8	589.5	10.00	359.70	357.9	
8	18204.8	90.20	359.70	10755.0	7381.5	552.0	0.00	0.00	7402.1	PBHL Fleetwood 36-25 W2NK St Com 2H

SHL: 270' FSL; 1720' FWL
Section 36-24S-28E
PBHL: 2310 FSL; 2310' FWL
Section 25-24S-28E

