



MEWBOURNE
OIL COMPANY

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 06 2019

RECEIVED

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

Standard Survey Report

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	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	47,727.95312495

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 11/28/18				
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
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)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
388.0	1.86	80.58	387.8	2.2	10.8	7.2	0.00	0.00	0.00
573.0	1.30	56.70	572.7	3.9	15.5	9.9	0.46	-0.30	-12.91
758.0	1.30	55.70	757.7	6.2	19.0	11.2	0.01	0.00	-0.54
950.0	1.20	218.80	949.7	5.9	19.5	11.9	1.29	-0.05	84.95
1,141.0	1.40	237.70	1,140.6	3.1	16.3	11.0	0.25	0.10	9.90
1,331.0	1.70	221.90	1,330.6	-0.3	12.5	10.0	0.27	0.16	-8.32
1,522.0	1.30	236.00	1,521.5	-3.6	8.8	9.1	0.28	-0.21	7.38
1,712.0	1.10	224.30	1,711.5	-6.1	5.7	8.2	0.17	-0.11	-6.16
1,902.0	0.60	213.60	1,901.4	-8.2	3.9	8.1	0.27	-0.26	-5.63
2,092.0	1.10	132.70	2,091.4	-10.3	4.7	10.0	0.61	0.26	-42.58

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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									
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)
2,282.0	1.80	108.60	2,281.4	-12.5	8.8	14.6	0.48	0.37	-12.68
2,472.0	2.90	106.80	2,471.2	-14.8	16.3	21.9	0.58	0.58	-0.95
2,582.0	2.70	109.40	2,581.1	-16.5	21.4	27.0	0.22	-0.18	2.36
2,699.0	2.30	105.60	2,697.9	-18.0	26.2	31.8	0.37	-0.34	-3.25
2,889.0	5.80	110.90	2,887.4	-22.5	38.9	44.5	1.85	1.84	2.79
3,079.0	6.10	109.50	3,076.4	-29.3	57.4	63.3	0.18	0.16	-0.74
3,269.0	5.90	104.40	3,265.4	-35.1	76.3	81.9	0.30	-0.11	-2.68
3,459.0	6.50	115.50	3,454.3	-42.1	95.5	101.4	0.70	0.32	5.84
3,650.0	5.10	115.30	3,644.3	-50.4	112.9	120.2	0.73	-0.73	-0.10
3,840.0	5.20	113.80	3,833.5	-57.5	128.5	136.8	0.09	0.05	-0.79
4,030.0	5.00	109.10	4,022.8	-63.7	144.2	153.0	0.24	-0.11	-2.47
4,220.0	4.70	110.30	4,212.1	-69.1	159.3	168.3	0.17	-0.16	0.63
4,410.0	5.40	115.20	4,401.4	-75.6	174.7	184.5	0.43	0.37	2.58
4,601.0	5.80	117.20	4,591.4	-83.8	191.4	202.7	0.23	0.21	1.05
4,792.0	5.80	113.60	4,781.5	-92.1	208.8	221.6	0.19	0.00	-1.88
4,982.0	5.80	116.10	4,970.5	-100.2	226.2	240.3	0.13	0.00	1.32
5,172.0	5.10	117.40	5,159.6	-108.3	242.4	258.0	0.37	-0.37	0.68
5,363.0	4.20	116.60	5,350.0	-115.3	256.1	273.3	0.47	-0.47	-0.42
5,553.0	3.70	118.80	5,539.6	-121.4	267.7	286.1	0.27	-0.26	1.16
5,744.0	5.10	107.90	5,730.0	-127.0	281.2	300.2	0.85	0.73	-5.71
5,934.0	4.70	105.60	5,919.3	-131.7	296.7	315.4	0.23	-0.21	-1.21
6,124.0	5.20	103.50	6,108.6	-135.8	312.6	330.5	0.28	0.26	-1.11
6,314.0	4.70	106.70	6,297.9	-140.0	328.4	345.6	0.30	-0.26	1.68
6,504.0	2.50	110.50	6,487.5	-143.7	339.8	356.8	1.16	-1.16	2.00
6,694.0	3.70	124.10	6,677.2	-148.6	348.7	366.9	0.74	0.63	7.16
6,883.0	3.50	109.40	6,865.8	-153.9	359.2	378.5	0.50	-0.11	-7.78
7,070.0	3.60	124.20	7,052.5	-159.1	369.5	389.7	0.49	0.05	7.91
7,261.0	4.40	110.00	7,243.0	-165.0	381.3	402.7	0.66	0.42	-7.43
7,452.0	5.50	99.90	7,433.3	-169.1	397.2	417.8	0.73	0.58	-5.29
7,639.0	6.50	97.40	7,619.3	-172.0	416.5	434.9	0.55	0.53	-1.34
7,829.0	6.60	116.60	7,808.1	-178.3	437.0	454.9	1.15	0.05	10.11
8,018.0	4.90	121.20	7,996.1	-187.3	453.6	473.6	0.93	-0.90	2.43
8,209.0	5.90	119.90	8,186.3	-196.4	469.1	491.4	0.53	0.52	-0.68
8,399.0	4.80	115.40	8,375.4	-204.7	484.7	508.8	0.62	-0.58	-2.37
8,589.0	6.00	135.70	8,564.6	-215.2	498.8	526.4	1.18	0.63	10.68
8,779.0	3.70	146.90	8,753.9	-227.5	509.1	542.1	1.30	-1.21	5.89
8,969.0	2.80	153.30	8,943.6	-236.8	514.6	552.0	0.51	-0.47	3.37
9,160.0	2.00	172.70	9,134.4	-244.2	517.1	558.6	0.59	-0.42	10.16
9,351.0	1.50	175.80	9,325.4	-250.0	517.7	562.6	0.27	-0.26	1.62
9,541.0	1.80	174.30	9,515.3	-255.5	518.2	566.3	0.16	0.16	-0.79
9,732.0	1.50	82.50	9,706.2	-258.1	520.9	570.2	1.25	-0.16	-48.06
9,922.0	1.50	67.70	9,896.2	-256.9	525.7	573.2	0.20	0.00	-7.79

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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									
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)
10,113.0	1.30	62.60	10,087.1	-254.9	530.0	575.3	0.12	-0.10	-2.67
10,127.0	1.28	62.33	10,101.1	-254.8	530.2	575.4	0.15	-0.15	-1.93
B.B. Fleetwood 36-25 W2NK St Com 2H									
10,181.0	1.20	61.20	10,155.1	-254.2	531.3	575.9	0.15	-0.15	-2.09
10,234.0	1.30	41.20	10,208.1	-253.5	532.1	576.2	0.84	0.19	-37.74
10,266.0	3.50	53.30	10,240.0	-252.6	533.2	576.5	7.02	6.88	37.81
10,298.0	6.20	38.10	10,271.9	-250.7	535.0	576.7	9.27	8.44	-47.50
10,329.0	8.40	14.40	10,302.7	-247.2	536.6	575.9	11.89	7.10	-76.45
10,361.0	11.60	20.70	10,334.2	-241.9	538.3	574.0	10.55	10.00	19.69
10,393.0	14.90	23.40	10,365.3	-235.1	541.1	572.1	10.49	10.31	8.44
10,424.0	18.70	22.30	10,395.0	-226.9	544.6	569.8	12.30	12.26	-3.55
10,456.0	22.90	21.10	10,424.9	-216.3	548.8	566.6	13.19	13.13	-3.75
10,487.0	26.40	18.00	10,453.1	-204.1	553.1	562.6	12.03	11.29	-10.00
10,519.0	30.00	14.40	10,481.3	-189.6	557.3	557.0	12.44	11.25	-11.25
10,550.0	33.30	10.00	10,507.7	-173.7	560.7	550.0	12.99	10.65	-14.19
10,582.0	37.40	7.30	10,533.8	-155.4	563.4	541.0	13.71	12.81	-8.44
10,614.0	40.50	5.60	10,558.7	-135.4	565.7	530.6	10.25	9.69	-5.31
10,645.0	43.50	2.60	10,581.7	-114.7	567.1	519.1	11.64	9.68	-9.68
10,677.0	47.40	1.30	10,604.1	-92.0	567.9	505.8	12.53	12.19	-4.06
10,708.0	52.00	1.30	10,624.2	-68.3	568.4	491.8	14.84	14.84	0.00
10,740.0	57.40	0.90	10,642.7	-42.2	568.9	476.3	16.91	16.88	-1.25
10,772.0	61.40	0.00	10,659.0	-14.7	569.2	459.6	12.73	12.50	-2.81
10,804.0	64.20	359.30	10,673.6	13.8	569.0	442.1	8.96	8.75	-2.19
10,835.0	67.70	358.30	10,686.2	42.1	568.4	424.3	11.67	11.29	-3.23
10,867.0	69.50	357.50	10,697.9	71.8	567.3	405.3	6.09	5.63	-2.50
10,898.0	71.80	358.30	10,708.2	101.1	566.2	386.6	7.81	7.42	2.58
10,925.0	73.80	359.00	10,716.1	126.9	565.6	370.4	7.81	7.41	2.59
10,967.0	76.80	359.20	10,726.8	167.5	565.0	345.1	7.16	7.14	0.48
10,999.0	76.30	358.60	10,734.2	198.6	564.4	325.6	2.40	-1.56	-1.88
11,030.0	75.60	359.40	10,741.8	228.7	563.9	306.8	3.37	-2.26	2.58
11,062.0	76.40	359.00	10,749.5	259.7	563.4	287.5	2.78	2.50	-1.25
11,093.0	78.90	357.70	10,756.1	290.0	562.5	268.3	9.05	8.06	-4.19
11,125.0	79.90	355.80	10,762.0	321.4	560.8	247.7	6.62	3.13	-5.94
11,156.0	80.40	355.50	10,767.3	351.8	558.4	227.3	1.87	1.61	-0.97
11,188.0	81.50	355.40	10,772.4	383.3	555.9	206.1	3.45	3.44	-0.31
11,220.0	81.60	354.90	10,777.1	414.9	553.3	184.7	1.58	0.31	-1.56
11,252.0	82.80	355.40	10,781.4	446.5	550.6	163.3	4.06	3.75	1.56
11,283.0	87.10	355.50	10,784.1	477.2	548.1	142.5	13.87	13.87	0.32
11,315.0	89.20	356.30	10,785.2	509.1	545.8	121.2	7.02	6.56	2.50
11,346.0	88.50	355.60	10,785.8	540.0	543.7	100.6	3.19	-2.26	-2.26
11,374.5	88.68	355.87	10,786.5	568.4	541.5	81.6	1.13	0.62	0.94
LP Fleetwood 36-25 W2NK St Com 2H									
11,378.0	88.70	355.90	10,786.6	571.9	541.3	79.3	1.13	0.63	0.94

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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)
11,410.0	89.60	358.70	10,787.0	603.9	539.8	58.5	9.19	2.81	8.75
11,506.0	91.10	7.90	10,786.5	699.6	545.3	4.4	9.71	1.56	9.58
11,538.0	90.70	11.20	10,786.0	731.2	550.6	-10.6	10.39	-1.25	10.31
11,569.0	90.60	11.90	10,785.6	761.6	556.8	-24.3	2.28	-0.32	2.26
11,601.0	91.00	11.00	10,785.2	792.9	563.2	-38.4	3.08	1.25	-2.81
11,632.0	91.00	7.80	10,784.6	823.5	568.2	-53.1	10.32	0.00	-10.32
11,664.0	90.80	2.00	10,784.1	855.4	571.0	-70.4	18.13	-0.63	-18.13
11,696.0	91.00	357.80	10,783.6	887.3	570.9	-89.9	13.14	0.63	-13.13
11,727.0	90.90	359.10	10,783.1	918.3	570.1	-109.5	4.21	-0.32	4.19
11,759.0	90.80	358.80	10,782.6	950.3	569.5	-129.5	0.99	-0.31	-0.94
11,791.0	90.30	353.20	10,782.3	982.2	567.2	-150.8	17.57	-1.56	-17.50
11,823.0	90.90	349.50	10,782.0	1,013.9	562.4	-173.9	11.71	1.88	-11.56
11,854.0	90.80	346.90	10,781.5	1,044.2	556.1	-197.5	8.39	-0.32	-8.39
11,886.0	90.50	347.50	10,781.2	1,075.4	549.0	-222.1	2.10	-0.94	1.88
11,917.0	90.80	350.20	10,780.8	1,105.8	543.0	-245.5	8.76	0.97	8.71
11,950.0	90.70	351.50	10,780.4	1,138.4	537.8	-269.5	3.95	-0.30	3.94
11,982.0	89.30	349.60	10,780.4	1,169.9	532.5	-292.9	7.38	-4.38	-5.94
12,013.0	88.80	354.60	10,780.9	1,200.6	528.3	-315.1	16.21	-1.61	16.13
12,077.0	89.80	354.20	10,781.7	1,264.3	522.0	-358.9	1.68	1.56	-0.63
12,108.0	89.80	353.90	10,781.8	1,295.2	518.8	-380.3	0.97	0.00	-0.97
12,140.0	89.70	357.70	10,781.9	1,327.1	516.5	-401.6	11.88	-0.31	11.88
12,171.0	89.60	357.20	10,782.1	1,358.0	515.1	-421.6	1.64	-0.32	-1.61
12,203.0	91.00	359.10	10,781.9	1,390.0	514.0	-442.0	7.38	4.38	5.94
12,234.0	90.90	359.50	10,781.4	1,421.0	513.7	-461.2	1.33	-0.32	1.29
12,266.0	90.40	358.30	10,781.1	1,453.0	513.0	-481.2	4.06	-1.56	-3.75
12,361.0	91.30	3.70	10,779.7	1,547.9	514.7	-537.9	5.76	0.95	5.68
12,392.0	91.70	6.50	10,778.8	1,578.8	517.5	-554.6	9.12	1.29	9.03
12,424.0	92.10	7.80	10,777.8	1,610.5	521.4	-570.8	4.25	1.25	4.06
12,455.0	91.50	8.50	10,776.8	1,641.2	525.8	-586.1	2.97	-1.94	2.26
12,487.0	91.30	8.50	10,776.0	1,672.8	530.6	-601.7	0.63	-0.63	0.00
12,518.0	91.90	6.40	10,775.2	1,703.6	534.6	-617.2	7.04	1.94	-6.77
12,549.0	91.30	0.60	10,774.3	1,734.5	536.5	-634.6	18.80	-1.94	-18.71
12,581.0	90.70	358.70	10,773.7	1,766.5	536.3	-654.3	6.23	-1.88	-5.94
12,613.0	90.50	356.90	10,773.4	1,798.5	535.0	-674.8	5.66	-0.63	-5.63
12,645.0	91.00	356.20	10,773.0	1,830.4	533.1	-695.9	2.69	1.56	-2.19
12,676.0	91.30	358.30	10,772.4	1,861.4	531.6	-715.9	6.84	0.97	6.77
12,708.0	91.10	357.20	10,771.7	1,893.3	530.4	-736.5	3.49	-0.63	-3.44
12,740.0	91.20	358.10	10,771.0	1,925.3	529.1	-757.0	2.83	0.31	2.81
12,771.0	90.40	359.30	10,770.6	1,956.3	528.4	-776.5	4.65	-2.58	3.87
12,803.0	90.50	359.60	10,770.4	1,988.3	528.1	-796.3	0.99	0.31	0.94
12,835.0	90.00	356.00	10,770.2	2,020.2	526.8	-816.8	11.36	-1.56	-11.25
12,930.0	86.60	355.60	10,773.0	2,114.9	519.9	-880.1	3.60	-3.58	-0.42

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)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,025.0	90.50	2.60	10,775.4	2,209.8	518.4	-939.3	8.43	4.11	7.37
13,121.0	90.70	2.70	10,774.4	2,305.7	522.8	-994.3	0.23	0.21	0.10
13,216.0	89.00	0.10	10,774.7	2,400.7	525.1	-1,050.5	3.27	-1.79	-2.74
13,311.0	88.90	0.60	10,776.4	2,495.6	525.7	-1,108.0	0.54	-0.11	0.53
13,405.0	92.00	2.30	10,775.7	2,589.6	528.1	-1,163.5	3.76	3.30	1.81
13,500.0	92.40	2.90	10,772.0	2,684.4	532.4	-1,218.1	0.76	0.42	0.63
13,595.0	89.20	350.60	10,770.7	2,779.1	527.0	-1,280.1	13.38	-3.37	-12.95
13,690.0	90.60	356.40	10,770.9	2,873.4	516.3	-1,346.3	6.28	1.47	6.11
13,785.0	90.30	1.20	10,770.1	2,968.4	514.3	-1,405.8	5.06	-0.32	5.05
13,880.0	89.00	2.70	10,770.7	3,063.3	517.5	-1,461.3	2.09	-1.37	1.58
13,975.0	88.40	4.70	10,772.9	3,158.1	523.7	-1,514.3	2.20	-0.63	2.11
14,070.0	92.10	5.60	10,772.5	3,252.7	532.2	-1,565.3	4.01	3.89	0.95
14,134.0	91.20	3.30	10,770.6	3,316.5	537.1	-1,600.3	3.86	-1.41	-3.59
14,166.0	90.20	1.00	10,770.2	3,348.4	538.3	-1,618.9	7.84	-3.13	-7.19
14,261.0	91.40	0.60	10,768.9	3,443.4	539.7	-1,675.9	1.33	1.26	-0.42
14,356.0	87.80	354.20	10,769.6	3,538.2	535.4	-1,737.2	7.73	-3.79	-6.74
14,451.0	88.90	354.90	10,772.3	3,632.8	526.3	-1,802.1	1.37	1.16	0.74
14,548.0	91.30	356.40	10,772.1	3,729.5	519.0	-1,867.0	2.92	2.47	1.55
14,643.0	91.90	359.80	10,769.5	3,824.4	515.8	-1,927.4	3.63	0.63	3.58
14,738.0	91.30	358.40	10,766.8	3,919.3	514.3	-1,986.6	1.60	-0.63	-1.47
14,833.0	88.90	358.70	10,766.7	4,014.3	511.9	-2,046.5	2.55	-2.53	0.32
14,930.0	89.30	359.90	10,768.2	4,111.3	510.8	-2,106.7	1.30	0.41	1.24
15,025.0	89.70	0.20	10,769.0	4,206.3	510.8	-2,164.6	0.53	0.42	0.32
15,119.0	89.80	2.70	10,769.4	4,300.2	513.2	-2,220.2	2.66	0.11	2.66
15,214.0	91.20	0.70	10,768.6	4,395.2	516.0	-2,275.9	2.57	1.47	-2.11
15,309.0	92.40	0.00	10,765.6	4,490.1	516.6	-2,333.4	1.46	1.26	-0.74
15,404.0	93.40	359.10	10,760.8	4,585.0	515.9	-2,392.0	1.42	1.05	-0.95
15,498.0	91.30	359.30	10,756.9	4,678.9	514.6	-2,450.4	2.24	-2.23	0.21
15,593.0	88.50	359.90	10,757.1	4,773.9	513.9	-2,508.9	3.01	-2.95	0.63
15,688.0	88.70	355.20	10,759.4	4,868.7	509.8	-2,570.1	4.95	0.21	-4.95
15,783.0	88.70	352.00	10,761.6	4,963.1	499.3	-2,636.1	3.37	0.00	-3.37
15,878.0	89.50	353.10	10,763.1	5,057.3	486.9	-2,703.4	1.43	0.84	1.16
15,973.0	87.90	353.20	10,765.2	5,151.6	475.6	-2,769.9	1.69	-1.68	0.11
16,069.0	91.10	357.30	10,766.1	5,247.2	467.7	-2,834.6	5.42	3.33	4.27
16,164.0	90.50	357.80	10,764.7	5,342.1	463.6	-2,895.8	0.82	-0.63	0.53
16,259.0	95.90	2.20	10,759.4	5,436.9	463.6	-2,953.7	7.33	5.68	4.63
16,354.0	94.90	3.40	10,750.5	5,531.4	468.2	-3,007.8	1.64	-1.05	1.26
16,448.0	92.60	3.00	10,744.4	5,625.0	473.5	-3,060.8	2.48	-2.45	-0.43
16,544.0	92.70	6.60	10,739.9	5,720.6	481.5	-3,112.8	3.75	0.10	3.75
16,638.0	89.00	4.60	10,738.5	5,814.1	490.6	-3,162.7	4.47	-3.94	-2.13
16,733.0	87.20	5.00	10,741.7	5,908.7	498.6	-3,214.2	1.94	-1.89	0.42
16,828.0	85.90	5.00	10,747.4	6,003.2	506.9	-3,265.3	1.37	-1.37	0.00
16,891.0	86.50	4.20	10,751.6	6,065.8	511.9	-3,299.6	1.59	0.95	-1.27

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)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,924.0	87.30	2.70	10,753.3	6,098.7	513.9	-3,318.1	5.15	2.42	-4.55
16,955.0	87.60	2.00	10,754.7	6,129.7	515.1	-3,336.0	2.45	0.97	-2.26
16,986.0	88.10	1.50	10,755.9	6,160.6	516.1	-3,354.2	2.28	1.61	-1.61
17,018.0	87.80	1.60	10,757.0	6,192.6	517.0	-3,373.0	0.99	-0.94	0.31
17,050.0	87.80	1.30	10,758.3	6,224.6	517.8	-3,391.9	0.94	0.00	-0.94
17,082.0	89.10	2.10	10,759.1	6,256.5	518.7	-3,410.7	4.77	4.06	2.50
17,113.0	87.90	0.60	10,759.9	6,287.5	519.4	-3,429.0	6.20	-3.87	-4.84
17,145.0	88.40	2.20	10,761.0	6,319.5	520.2	-3,447.9	5.24	1.56	5.00
17,185.0	90.50	3.30	10,761.4	6,359.4	522.1	-3,470.8	5.93	5.25	2.75
17,216.0	91.10	3.90	10,760.9	6,390.4	524.1	-3,488.2	2.74	1.94	1.94
17,248.0	91.10	3.40	10,760.3	6,422.3	526.1	-3,506.1	1.56	0.00	-1.56
17,279.0	90.60	3.40	10,759.8	6,453.2	528.0	-3,523.5	1.61	-1.61	0.00
17,311.0	89.90	0.20	10,759.7	6,485.2	529.0	-3,542.2	10.24	-2.19	-10.00
17,342.0	88.10	0.70	10,760.2	6,516.2	529.2	-3,561.0	6.03	-5.81	1.61
17,374.0	85.70	0.80	10,762.0	6,548.2	529.6	-3,580.2	7.51	-7.50	0.31
17,406.0	86.40	358.60	10,764.2	6,580.1	529.5	-3,599.8	7.20	2.19	-6.88
17,437.0	87.10	358.40	10,765.9	6,611.0	528.7	-3,619.3	2.35	2.26	-0.65
17,469.0	88.80	358.60	10,767.1	6,643.0	527.8	-3,639.5	5.35	5.31	0.63
17,500.0	89.40	359.50	10,767.6	6,674.0	527.3	-3,658.9	3.49	1.94	2.90
17,532.0	91.60	1.20	10,767.3	6,706.0	527.5	-3,678.2	8.69	6.88	5.31
17,564.0	93.60	0.30	10,765.8	6,737.9	527.9	-3,697.4	6.85	6.25	-2.81
17,595.0	93.60	359.40	10,763.9	6,768.9	527.8	-3,716.4	2.90	0.00	-2.90
17,626.0	93.50	359.50	10,762.0	6,799.8	527.5	-3,735.5	0.46	-0.32	0.32
17,658.0	93.10	359.20	10,760.1	6,831.8	527.2	-3,755.3	1.56	-1.25	-0.94
17,690.0	92.70	359.10	10,758.5	6,863.7	526.7	-3,775.2	1.29	-1.25	-0.31
17,721.0	91.80	358.70	10,757.3	6,894.7	526.1	-3,794.6	3.18	-2.90	-1.29
17,752.0	91.90	359.10	10,756.3	6,925.7	525.5	-3,814.0	1.33	0.32	1.29
17,784.0	92.80	359.80	10,755.0	6,957.6	525.2	-3,833.8	3.56	2.81	2.19
17,817.0	90.90	0.80	10,752.9	7,020.6	525.5	-3,872.0	3.41	-3.02	1.59
17,879.0	89.50	0.70	10,752.8	7,052.6	526.0	-3,891.2	4.39	-4.38	-0.31
17,911.0	89.60	359.80	10,753.1	7,084.6	526.1	-3,910.6	2.83	0.31	-2.81
17,975.0	92.00	0.80	10,752.2	7,148.6	526.4	-3,949.4	4.06	3.75	1.56
18,007.0	91.80	0.60	10,751.1	7,180.6	526.8	-3,968.7	0.88	-0.63	-0.63
18,070.0	92.00	0.70	10,749.0	7,243.5	527.5	-4,006.5	0.35	0.32	0.16
18,156.0	90.30	357.90	10,747.3	7,329.5	526.5	-4,059.9	3.81	-1.98	-3.26
18,205.0	90.30	357.90	10,747.1	7,378.5	524.7	-4,091.2	0.00	0.00	0.00
18205.0' MD Projected to Bit - PBHL Fleetwood 36-25 W2NK St Com 2H									

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

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

GEODETIC 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

