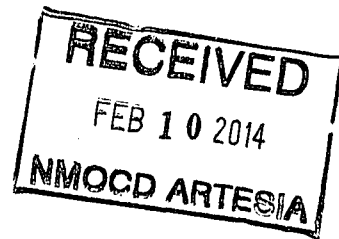


30-015-41827



Mewbourne Oil Company .

Eddy County, New Mexico

Section 4-20S-29E Burton 4 PM Federal Com #1H

Burton 4 PM Federal Com #1H

Original Hole

Design: Original Hole

Standard Survey Report

30 December, 2013





Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Burton 4 PM Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Site:	Section 4-20S-29E Burton 4 PM Federal Com #1H	MD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Well:	Burton 4 PM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

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

Site	Section 4-20S-29E Burton 4 PM Federal Com #1H		
Site Position:	Map	Northing:	580,674.16 usft
From:		Easting:	580,685.63 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 35' 45.980 N
		Longitude:	104° 4' 16.838 W
		Grid Convergence:	0.14 °

Well	Burton 4 PM Federal Com #1H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 35' 45.980 N
		Longitude:	104° 4' 16.838 W
		Ground Level:	3,306.0 usft

Wellbore	Original Hole		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/20/2013	7.54	60.38	48,535

Survey Program		Date: 12/30/2013		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,320.0	VES Gyro Survey #1 (Original Hole)	GyroFlex	
7,383.0	12,550.0	MWD Survey #2 (Original Hole)	MWD	MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.30	303.72	100.0	0.1	-0.2	0.2	0.30	0.30	0.00
200.0	0.43	245.17	200.0	0.1	-0.8	0.8	0.37	0.13	-58.55
300.0	0.94	223.04	300.0	-0.6	-1.7	1.7	0.57	0.51	-22.13
400.0	1.16	220.62	400.0	-2.0	-2.9	2.9	0.22	0.22	-2.42
500.0	1.29	219.09	500.0	-3.6	-4.3	4.3	0.13	0.13	-1.53
600.0	0.82	228.87	599.9	-5.0	-5.5	5.5	0.50	-0.47	9.78
700.0	0.39	125.30	699.9	-5.6	-5.8	5.8	0.99	-0.43	-103.57
800.0	1.23	80.90	799.9	-5.7	-4.4	4.5	0.99	0.84	-44.40
900.0	2.54	80.95	899.9	-5.2	-1.2	1.2	1.31	1.31	0.05
1,000.0	2.70	83.52	999.8	-4.5	3.3	-3.3	0.20	0.16	2.57
1,100.0	1.96	68.52	1,099.7	-3.6	7.3	-7.3	0.95	-0.74	-15.00
1,200.0	1.99	61.37	1,199.6	-2.2	10.4	-10.4	0.25	0.03	-7.15
1,300.0	1.82	53.73	1,299.6	-0.4	13.2	-13.2	0.31	-0.17	-7.64
1,400.0	1.49	46.75	1,399.5	1.4	15.4	-15.4	0.39	-0.33	-6.98
1,500.0	1.64	46.99	1,499.5	3.3	17.4	-17.4	0.15	0.15	0.24



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Burton 4 PM Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Site:	Section 4-20S-29E, Burton 4 PM Federal Com #1H	MD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Well:	Burton 4 PM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,600.0	1.73	48.19	1,599.4	5.3	19.6	-19.6	0.10	0.09	1.20	
1,700.0	1.92	66.28	1,699.4	6.9	22.2	-22.3	0.60	0.19	18.09	
1,800.0	0.37	166.65	1,799.4	7.3	23.9	-23.9	2.02	-1.55	100.37	
1,900.0	1.17	200.78	1,899.4	6.0	23.6	-23.6	0.89	0.80	34.13	
2,000.0	1.23	196.60	1,999.3	4.0	22.9	-22.9	0.11	0.06	-4.18	
2,100.0	1.12	187.60	2,099.3	2.1	22.5	-22.5	0.21	-0.11	-9.00	
2,200.0	1.31	195.14	2,199.3	0.0	22.0	-22.0	0.25	0.19	7.54	
2,300.0	1.12	202.10	2,299.3	-2.0	21.4	-21.4	0.24	-0.19	6.96	
2,400.0	0.48	194.03	2,399.3	-3.3	20.9	-20.9	0.65	-0.64	-8.07	
2,500.0	0.23	304.59	2,499.3	-3.6	20.6	-20.6	0.60	-0.25	110.56	
2,600.0	0.18	291.64	2,599.3	-3.5	20.3	-20.3	0.07	-0.05	-12.95	
2,700.0	0.18	15.68	2,699.3	-3.3	20.2	-20.2	0.24	0.00	84.04	
2,800.0	1.16	355.46	2,799.3	-2.1	20.2	-20.2	0.99	0.98	-20.22	
2,900.0	2.63	346.01	2,899.2	1.1	19.5	-19.5	1.50	1.47	-9.45	
3,000.0	2.81	341.04	2,999.1	5.7	18.2	-18.2	0.30	0.18	-4.97	
3,100.0	2.96	338.12	3,099.0	10.4	16.4	-16.5	0.21	0.15	-2.92	
3,200.0	2.85	338.08	3,198.8	15.1	14.5	-14.6	0.11	-0.11	-0.04	
3,300.0	2.58	339.22	3,298.7	19.5	12.8	-12.9	0.28	-0.27	1.14	
3,400.0	2.46	336.64	3,398.6	23.6	11.2	-11.3	0.17	-0.12	-2.58	
3,500.0	2.64	343.36	3,498.5	27.8	9.7	-9.8	0.35	0.18	6.72	
3,600.0	2.34	340.57	3,598.4	31.9	8.3	-8.5	0.32	-0.30	-2.79	
3,700.0	2.08	341.91	3,698.4	35.5	7.1	-7.3	0.27	-0.26	1.34	
3,800.0	2.16	343.34	3,798.3	39.1	6.0	-6.2	0.10	0.08	1.43	
3,900.0	1.77	350.92	3,898.2	42.4	5.2	-5.4	0.47	-0.39	7.58	
4,000.0	1.29	7.31	3,998.2	45.1	5.1	-5.3	0.64	-0.48	16.39	
4,100.0	1.15	356.39	4,098.2	47.2	5.2	-5.4	0.27	-0.14	-10.92	
4,200.0	1.43	6.81	4,198.1	49.4	5.2	-5.5	0.36	0.28	10.42	
4,300.0	1.53	5.73	4,298.1	52.0	5.5	-5.8	0.10	0.10	-1.08	
4,400.0	1.56	9.21	4,398.1	54.6	5.9	-6.2	0.10	0.03	3.48	
4,500.0	1.42	6.37	4,498.0	57.2	6.2	-6.5	0.16	-0.14	-2.84	
4,600.0	1.48	3.42	4,598.0	59.7	6.5	-6.8	0.10	0.06	-2.95	
4,700.0	1.56	1.70	4,698.0	62.4	6.6	-6.9	0.09	0.08	-1.72	
4,800.0	1.35	357.30	4,797.9	64.9	6.6	-6.9	0.24	-0.21	-4.40	
4,900.0	1.35	358.92	4,897.9	67.3	6.5	-6.8	0.04	0.00	1.62	
5,000.0	1.59	3.56	4,997.9	69.8	6.5	-6.9	0.27	0.24	4.64	
5,100.0	1.53	19.24	5,097.8	72.5	7.1	-7.4	0.43	-0.06	15.68	
5,200.0	1.20	17.99	5,197.8	74.7	7.8	-8.2	0.33	-0.33	-1.25	
5,300.0	1.58	22.65	5,297.8	77.0	8.7	-9.1	0.40	0.38	4.66	
5,400.0	1.63	25.05	5,397.7	79.6	9.8	-10.2	0.08	0.05	2.40	
5,500.0	1.52	9.99	5,497.7	82.2	10.6	-11.1	0.43	-0.11	-15.06	
5,600.0	1.71	347.46	5,597.7	84.9	10.6	-11.0	0.66	0.19	-22.53	
5,700.0	1.99	353.67	5,697.6	88.1	10.0	-10.5	0.34	0.28	6.21	
5,800.0	1.90	348.33	5,797.6	91.5	9.5	-10.0	0.20	-0.09	-5.34	



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well: Burton 4 PM Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Site:	Section 4 20S 29E Burton 4 PM Federal Com #1H	MD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Well:	Burton 4 PM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

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)
5,900.0	1.86	4.28	5,897.5	94.7	9.3	-9.8	0.52	-0.04	15.95
6,000.0	2.10	7.09	5,997.4	98.1	9.6	-10.2	0.26	0.24	2.81
6,100.0	2.12	4.69	6,097.4	101.8	10.0	-10.6	0.09	0.02	-2.40
6,200.0	1.91	4.26	6,197.3	105.3	10.3	-10.9	0.21	-0.21	-0.43
6,300.0	1.86	336.15	6,297.3	108.5	9.8	-10.3	0.92	-0.05	-28.11
6,400.0	1.45	305.70	6,397.2	110.7	8.1	-8.7	0.95	-0.41	-30.45
6,500.0	1.69	305.75	6,497.2	112.3	5.9	-6.4	0.24	0.24	0.05
6,600.0	1.96	316.52	6,597.1	114.4	3.5	-4.1	0.44	0.27	10.77
6,700.0	2.16	321.08	6,697.1	117.1	1.1	-1.7	0.26	0.20	4.56
6,800.0	1.68	332.93	6,797.0	119.9	-0.7	0.1	0.62	-0.48	11.85
6,900.0	1.25	329.67	6,897.0	122.1	-1.9	1.3	0.44	-0.43	-3.26
7,000.0	1.19	320.32	6,997.0	123.8	-3.2	2.5	0.21	-0.06	-9.35
7,100.0	1.18	330.27	7,096.9	125.5	-4.3	3.7	0.21	-0.01	9.95
7,200.0	0.31	15.66	7,196.9	126.7	-4.8	4.1	0.99	-0.87	45.39
7,300.0	0.23	103.30	7,296.9	126.9	-4.5	3.8	0.38	-0.08	87.64
7,320.0	0.18	116.00	7,316.9	126.9	-4.4	3.8	0.34	-0.25	63.50
7320 MD VES Gyro Survey									
7,383.0	0.80	194.20	7,379.9	126.4	-4.5	3.8	1.24	0.98	124.13
7,415.0	1.30	223.90	7,411.9	125.9	-4.8	4.1	2.26	1.56	92.81
7,447.0	4.40	252.70	7,443.9	125.3	-6.2	5.5	10.38	9.69	90.00
7,479.0	9.30	260.00	7,475.6	124.5	-9.9	9.3	15.52	15.31	22.81
7,510.0	13.50	264.20	7,506.0	123.7	-16.0	15.3	13.80	13.55	13.55
7,542.0	16.00	266.70	7,537.0	123.1	-24.1	23.4	8.06	7.81	7.81
7,573.0	19.00	267.30	7,566.5	122.6	-33.4	32.8	9.69	9.68	1.94
7,605.0	22.40	267.80	7,596.5	122.1	-44.7	44.1	10.64	10.63	1.56
7,636.0	25.30	268.50	7,624.8	121.7	-57.2	56.6	9.40	9.35	2.26
7,668.0	27.40	270.40	7,653.5	121.6	-71.4	70.8	7.07	6.56	5.94
7,700.0	29.90	269.50	7,681.6	121.6	-86.8	86.1	7.93	7.81	-2.81
7,731.0	33.30	269.00	7,708.0	121.3	-103.0	102.4	11.00	10.97	-1.61
7,763.0	36.90	269.70	7,734.1	121.1	-121.4	120.8	11.32	11.25	2.19
7,794.0	39.60	269.60	7,758.5	121.0	-140.6	140.0	8.71	8.71	-0.32
7,826.0	41.10	269.60	7,782.9	120.9	-161.3	160.7	4.69	4.69	0.00
7,857.0	43.90	270.30	7,805.7	120.9	-182.3	181.6	9.16	9.03	2.26
7,889.0	47.10	271.70	7,828.1	121.3	-205.1	204.4	10.48	10.00	4.38
7,920.0	50.30	272.20	7,848.6	122.1	-228.3	227.7	10.39	10.32	1.61
7,952.0	53.50	272.10	7,868.3	123.0	-253.5	252.9	10.00	10.00	-0.31
7,983.0	57.80	271.40	7,885.8	123.8	-279.1	278.4	14.00	13.87	-2.26
8,015.0	63.40	269.90	7,901.5	124.1	-306.9	306.3	17.97	17.50	-4.69
8,046.0	67.10	269.40	7,914.5	123.9	-335.1	334.4	12.02	11.94	-1.61
8,078.0	69.50	268.90	7,926.3	123.5	-364.8	364.2	7.64	7.50	-1.56
8,109.0	72.10	268.40	7,936.5	122.8	-394.1	393.4	8.52	8.39	-1.61
8,141.0	76.00	267.90	7,945.3	121.8	-424.8	424.2	12.28	12.19	-1.56



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well: Burton 4 PM Federal Com #1H
Project:	Eddy County New Mexico	TVD Reference:	GL3306 + 20' @ 3326.0usft (Patterson 41)
Site:	Section 4-20S-29E Burton 4 PM Federal Com #1H	MD Reference:	GL3306 + 20' @ 3326.0usft (Patterson 41)
Well:	Burton 4 PM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

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)
8,172.0	79.10	268.10	7,952.0	120.7	-455.1	454.4	10.02	10.00	0.65
8,204.0	81.10	268.30	7,957.5	119.7	-486.6	485.9	6.28	6.25	0.63
8,236.0	83.80	268.00	7,961.7	118.7	-518.3	517.7	8.49	8.44	-0.94
8,258.0	85.70	267.90	7,963.7	117.9	-540.2	539.6	8.65	8.64	-0.45
8,333.0	90.10	264.00	7,966.5	112.6	-614.9	614.3	7.84	5.87	-5.20
8,364.0	90.40	263.60	7,966.3	109.3	-645.7	645.1	1.61	0.97	-1.29
8,427.0	90.20	263.40	7,966.0	102.2	-708.3	707.8	0.45	-0.32	-0.32
8,490.0	89.50	263.40	7,966.2	94.9	-770.9	770.4	1.11	-1.11	0.00
8,554.0	89.60	264.90	7,966.7	88.4	-834.6	834.1	2.35	0.16	2.34
8,617.0	89.70	265.50	7,967.1	83.1	-897.3	896.9	0.97	0.16	0.95
8,680.0	89.50	265.20	7,967.5	78.0	-960.1	959.7	0.57	-0.32	-0.48
8,744.0	89.70	267.10	7,968.0	73.7	-1,024.0	1,023.6	2.99	0.31	2.97
8,807.0	91.00	269.50	7,967.6	71.9	-1,086.9	1,086.6	4.33	2.06	3.81
8,870.0	91.60	270.50	7,966.1	71.9	-1,149.9	1,149.5	1.85	0.95	1.59
8,934.0	92.70	269.60	7,963.7	71.9	-1,213.9	1,213.5	2.22	1.72	-1.41
8,997.0	92.40	269.60	7,960.9	71.5	-1,276.8	1,276.4	0.48	-0.48	0.00
9,060.0	89.90	270.30	7,959.7	71.4	-1,339.8	1,339.4	4.12	-3.97	1.11
9,123.0	89.00	270.50	7,960.3	71.9	-1,402.8	1,402.4	1.46	-1.43	0.32
9,186.0	89.10	270.00	7,961.3	72.1	-1,465.8	1,465.4	0.81	0.16	-0.79
9,250.0	89.90	269.60	7,961.9	71.9	-1,529.8	1,529.4	1.40	1.25	-0.63
9,313.0	90.30	268.50	7,961.8	70.9	-1,592.8	1,592.4	1.86	0.63	-1.75
9,376.0	90.40	267.60	7,961.4	68.7	-1,655.7	1,655.4	1.44	0.16	-1.43
9,440.0	90.50	268.50	7,960.9	66.5	-1,719.7	1,719.3	1.41	0.16	1.41
9,503.0	89.80	269.80	7,960.7	65.6	-1,782.7	1,782.3	2.34	-1.11	2.06
9,566.0	90.10	269.50	7,960.8	65.2	-1,845.7	1,845.3	0.67	0.48	-0.48
9,629.0	90.60	269.20	7,960.4	64.5	-1,908.7	1,908.3	0.93	0.79	-0.48
9,692.0	90.90	269.30	7,959.6	63.7	-1,971.7	1,971.3	0.50	0.48	0.16
9,756.0	91.30	269.10	7,958.3	62.8	-2,035.7	2,035.3	0.70	0.63	-0.31
9,819.0	91.60	268.30	7,956.7	61.4	-2,098.6	2,098.3	1.36	0.48	-1.27
9,914.0	89.40	269.00	7,955.9	59.1	-2,193.6	2,193.2	2.43	-2.32	0.74
10,009.0	88.90	268.00	7,957.3	56.6	-2,288.5	2,288.2	1.18	-0.53	-1.05
10,104.0	91.00	267.60	7,957.4	53.0	-2,383.5	2,383.1	2.25	2.21	-0.42
10,198.0	91.30	266.90	7,955.5	48.5	-2,477.3	2,477.0	0.81	0.32	-0.74
10,293.0	92.20	266.60	7,952.6	43.1	-2,572.1	2,571.9	1.00	0.95	-0.32
10,388.0	91.20	267.80	7,949.8	38.5	-2,667.0	2,666.7	1.64	-1.05	1.26
10,483.0	92.20	267.20	7,947.0	34.3	-2,761.8	2,761.6	1.23	1.05	-0.63
10,578.0	92.60	267.80	7,943.0	30.2	-2,856.7	2,856.5	0.76	0.42	0.63
10,673.0	90.50	267.40	7,940.4	26.2	-2,951.5	2,951.4	2.25	-2.21	-0.42
10,767.0	89.50	269.10	7,940.4	23.3	-3,045.5	3,045.3	2.10	-1.06	1.81
10,862.0	88.30	269.10	7,942.3	21.8	-3,140.5	3,140.3	1.26	-1.26	0.00
10,956.0	92.30	269.70	7,941.8	20.9	-3,234.4	3,234.3	4.30	4.26	0.64
11,051.0	90.50	270.40	7,939.4	20.9	-3,329.4	3,329.2	2.03	-1.89	0.74
11,146.0	90.10	269.50	7,938.9	20.9	-3,424.4	3,424.2	1.04	-0.42	-0.95



Stryker Directional Survey Report



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well: Burton 4 PM Federal Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Site:	Section 4-20S-29E Burton 4 PM Federal Com #1H	MD Reference:	GL3306 + 20 @ 3326.0usft (Patterson 41)
Well:	Burton 4 PM Federal Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db

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)
11,241.0	89.90	267.80	7,938.9	18.6	-3,519.4	3,519.2	1.80	-0.21	-1.79
11,336.0	88.40	265.90	7,940.4	13.4	-3,614.2	3,614.1	2.55	-1.58	-2.00
11,430.0	91.70	266.10	7,940.3	6.8	-3,708.0	3,707.9	3.52	3.51	0.21
11,525.0	94.10	266.50	7,935.5	0.7	-3,802.6	3,802.6	2.56	2.53	0.42
11,620.0	93.00	270.90	7,929.6	-1.4	-3,897.4	3,897.4	4.77	-1.16	4.63
11,715.0	89.30	273.40	7,927.7	2.1	-3,992.3	3,992.2	4.70	-3.89	2.63
11,809.0	86.80	272.10	7,930.9	6.6	-4,086.1	4,086.0	3.00	-2.66	-1.38
11,904.0	85.80	267.50	7,937.0	6.3	-4,180.9	4,180.8	4.95	-1.05	-4.84
11,999.0	91.60	263.80	7,939.2	-0.9	-4,275.5	4,275.5	7.24	6.11	-3.89
12,063.0	92.40	264.70	7,936.9	-7.3	-4,339.2	4,339.2	1.88	1.25	1.41
12,126.0	93.50	266.20	7,933.7	-12.3	-4,401.9	4,401.9	2.95	1.75	2.38
12,189.0	92.20	265.20	7,930.6	-17.0	-4,464.6	4,464.7	2.60	-2.06	-1.59
12,284.0	94.20	267.20	7,925.2	-23.3	-4,559.3	4,559.3	2.97	2.11	2.11
12,379.0	92.70	267.60	7,919.5	-27.6	-4,654.0	4,654.1	1.63	-1.58	0.42
12,410.0	90.80	270.00	7,918.6	-28.2	-4,685.0	4,685.1	9.87	-6.13	7.74
12,490.0	90.60	270.00	7,917.6	-28.2	-4,765.0	4,765.1	0.25	-0.25	0.00
12,550.0	90.00	270.00	7,917.3	-28.2	-4,825.0	4,825.1	1.00	-1.00	0.00
12550' MD Projected to Bit									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,320.0	7,316.9	126.9	-4.4	7320' MD VES Gyro Survey
12,550.0	7,917.3	-28.2	-4,825.0	12550' MD Projected to Bit



COMPANY: Mewbourne Oil Company
 WELL: Burton 4 PM Federal Com #1H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)
 RIG: Patterson 41

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.39°



OFFICE: 936.582.7296

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NMOCD ARTESIA

GEODETTIC ZONE: New Mexico East 3001
 GL3306 + 20 @ 3326.0usft (Patterson 41)
 GROUND ELEVATION: 3306.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	580674.16	580685.63	32° 35' 45.980 N	104° 4' 16.838 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	7320.0	0.18	116.00	7316.9	126.9	-4.4	0.00	0.00	3.8	
2	7500.3	0.18	116.00	7497.2	126.6	-3.9	0.00	0.00	3.3	
3	8257.7	90.73	268.20	7976.0	110.8	-487.2	12.00	152.20	486.6	
4	12598.5	90.73	268.20	7921.0	-25.2	-4825.6	0.00	0.00	4825.6	PBHL Burton 4 PM Fed Com #1H

