



30-015-38460

Mewbourne Oil Company .

Eddy County, New Mexico

Section 26-19S-29E Parkway 26 State Com #5H

Parkway 26 State Com #5H

Original Hole

Design: Original Hole

Standard Survey Report

11 April, 2014

Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkway 26 State Com #5H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3331 + 20 @ 3351.0usft (Patterson # 45)
Site:	Section 26-19S-29E Parkway 26 State Com #5H	MD Reference:	GL 3331 + 20 @ 3351.0usft (Patterson # 45)
Well:	Parkway 26 State Com #5H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db Todd

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

Site	Section 26-19S-29E Parkway 26 State Com #5H		
Site Position:		Northing:	592,641.30 usft
From:	Map	Easting:	586,441.01 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 37' 44.257 N
		Longitude:	104° 3' 9.193 W
		Grid Convergence:	0.15 °

Well	Parkway 26 State Com #5H		
Well Position	+N/-S	0.0 usft	Northing: 592,641.30 usft
	+E/-W	0.0 usft	Easting: 586,441.01 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 37' 44.257 N
		Longitude:	104° 3' 9.193 W
		Ground Level:	3,331.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/18/2014	7.50	60.41	48,532

Design	Original Hole			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	87.50

Survey Program	Date	4/11/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,500.0	MS Gyro Survey (Original Hole)	SRG-GYRO-MS	surface readout gyro multishot
7,523.0	12,500.0	Stryker MWD Survey (Original Hole)	MWD	MWD - Standard

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.57	164.99	100.0	-0.5	0.1	0.1	0.57	0.57	0.00	
200.0	0.98	167.00	200.0	-1.8	0.5	0.4	0.41	0.41	2.01	
300.0	1.18	166.74	300.0	-3.6	0.9	0.7	0.20	0.20	-0.26	
400.0	1.03	156.68	400.0	-5.5	1.5	1.2	0.24	-0.15	-10.06	
500.0	1.12	158.40	499.9	-7.2	2.2	1.9	0.10	0.09	1.72	
600.0	0.90	135.25	599.9	-8.7	3.1	2.7	0.46	-0.22	-23.15	
700.0	0.83	110.30	699.9	-9.5	4.3	3.9	0.38	-0.07	-24.95	
800.0	1.20	116.38	799.9	-10.2	5.9	5.5	0.38	0.37	6.08	

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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db Todd

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)
900.0	2.22	110.00	899.8	-11.3	8.7	8.2	1.04	1.02	-6.38
1,000.0	2.96	105.63	999.7	-12.7	13.0	12.4	0.77	0.74	-4.37
1,100.0	2.79	106.37	1,099.6	-14.1	17.8	17.2	0.17	-0.17	0.74
1,200.0	2.53	106.50	1,199.5	-15.4	22.3	21.6	0.26	-0.26	0.13
1,300.0	1.79	92.84	1,299.4	-16.1	26.0	25.2	0.90	-0.74	-13.66
1,400.0	1.69	83.02	1,399.4	-16.0	29.0	28.3	0.31	-0.10	-9.82
1,500.0	1.90	51.45	1,499.3	-14.8	31.7	31.1	1.00	0.21	-31.57
1,600.0	1.83	41.92	1,599.3	-12.5	34.1	33.5	0.32	-0.07	-9.53
1,700.0	1.69	40.91	1,699.2	-10.2	36.1	35.7	0.14	-0.14	-1.01
1,800.0	1.71	52.41	1,799.2	-8.2	38.3	37.9	0.34	0.02	11.50
1,900.0	1.93	51.20	1,899.2	-6.2	40.8	40.5	0.22	0.22	-1.21
2,000.0	0.95	14.12	1,999.1	-4.4	42.3	42.1	1.30	-0.98	-37.08
2,100.0	0.42	0.33	2,099.1	-3.2	42.5	42.3	0.55	-0.53	-13.79
2,200.0	0.39	68.37	2,199.1	-2.7	42.8	42.7	0.45	-0.03	68.04
2,300.0	0.30	83.89	2,299.1	-2.6	43.4	43.2	0.13	-0.09	15.52
2,400.0	0.83	55.49	2,399.1	-2.1	44.3	44.1	0.58	0.53	-28.40
2,500.0	0.96	56.18	2,499.1	-1.3	45.5	45.5	0.13	0.13	0.69
2,600.0	2.64	38.08	2,599.0	1.0	47.7	47.7	1.75	1.68	-18.10
2,700.0	2.35	40.74	2,698.9	4.4	50.4	50.6	0.31	-0.29	2.66
2,800.0	1.74	103.65	2,798.9	5.6	53.2	53.4	2.20	-0.61	62.91
2,900.0	1.90	115.54	2,898.8	4.5	56.2	56.4	0.41	0.16	11.89
3,000.0	1.79	107.31	2,998.8	3.3	59.2	59.3	0.29	-0.11	-8.23
3,100.0	1.04	109.83	3,098.8	2.6	61.5	61.6	0.75	-0.75	2.52
3,200.0	0.92	132.60	3,198.7	1.7	63.0	63.0	0.40	-0.12	22.77
3,300.0	1.46	121.09	3,298.7	0.5	64.7	64.6	0.59	0.54	-11.51
3,400.0	0.76	120.66	3,398.7	-0.5	66.3	66.2	0.70	-0.70	-0.43
3,500.0	0.94	146.39	3,498.7	-1.5	67.4	67.2	0.42	0.18	25.73
3,600.0	1.17	130.11	3,598.7	-2.8	68.6	68.4	0.38	0.23	-16.28
3,700.0	1.05	120.56	3,698.7	-4.0	70.2	69.9	0.22	-0.12	-9.55
3,800.0	0.53	125.32	3,798.6	-4.7	71.3	71.1	0.52	-0.52	4.76
3,900.0	0.27	176.84	3,898.6	-5.2	71.7	71.4	0.42	-0.26	51.52
4,000.0	0.69	208.19	3,998.6	-6.0	71.4	71.1	0.48	0.42	31.35
4,100.0	0.79	195.17	4,098.6	-7.2	71.0	70.6	0.20	0.10	-13.02
4,200.0	0.80	202.30	4,198.6	-8.5	70.5	70.1	0.10	0.01	7.13
4,300.0	0.72	210.46	4,298.6	-9.7	69.9	69.5	0.13	-0.08	8.16
4,400.0	0.61	252.83	4,398.6	-10.4	69.1	68.6	0.49	-0.11	42.37
4,500.0	0.70	256.12	4,498.6	-10.7	68.0	67.5	0.10	0.09	3.29
4,600.0	1.11	265.32	4,598.6	-10.9	66.5	65.9	0.43	0.41	9.20
4,700.0	1.53	272.38	4,698.6	-10.9	64.2	63.6	0.45	0.42	7.06
4,800.0	1.27	282.82	4,798.5	-10.6	61.7	61.2	0.36	-0.26	10.44
4,900.0	1.22	308.11	4,898.5	-9.7	59.8	59.3	0.55	-0.05	25.29
5,000.0	1.16	339.97	4,998.5	-8.1	58.6	58.2	0.66	-0.06	31.86

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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)
5,100.0	1.38	1.19	5,098.5	-6.0	58.3	58.0	0.52	0.22	21.22
5,200.0	1.49	8.82	5,198.4	-3.5	58.5	58.3	0.22	0.11	7.63
5,300.0	1.85	8.22	5,298.4	-0.6	59.0	58.9	0.36	0.36	-0.60
5,400.0	1.77	349.59	5,398.3	2.5	58.9	59.0	0.59	-0.08	-18.63
5,500.0	1.32	331.85	5,498.3	5.1	58.1	58.3	0.65	-0.45	-17.74
5,600.0	1.09	316.04	5,598.3	6.8	56.9	57.1	0.40	-0.23	-15.81
5,700.0	0.93	312.93	5,698.3	8.0	55.6	55.9	0.17	-0.16	-3.11
5,800.0	1.39	304.98	5,798.2	9.3	54.1	54.4	0.49	0.46	-7.95
5,900.0	1.43	329.59	5,898.2	11.0	52.4	52.9	0.60	0.04	24.61
6,000.0	1.47	333.63	5,998.2	13.3	51.2	51.8	0.11	0.04	4.04
6,100.0	1.49	340.73	6,098.2	15.6	50.2	50.9	0.18	0.02	7.10
6,200.0	2.51	325.39	6,198.1	18.7	48.6	49.3	1.14	1.02	-15.34
6,300.0	3.63	300.09	6,298.0	22.1	44.6	45.5	1.73	1.12	-25.30
6,400.0	3.78	303.06	6,397.7	25.4	39.1	40.2	0.24	0.15	2.97
6,500.0	3.83	303.93	6,497.5	29.1	33.5	34.8	0.08	0.05	0.87
6,600.0	3.36	305.14	6,597.3	32.6	28.4	29.8	0.48	-0.47	1.21
6,700.0	2.86	310.62	6,697.2	36.0	24.1	25.6	0.58	-0.50	5.48
6,800.0	3.00	317.64	6,797.0	39.5	20.4	22.1	0.38	0.14	7.02
6,900.0	2.86	311.58	6,896.9	43.1	16.8	18.7	0.34	-0.14	-6.06
7,000.0	2.56	292.94	6,996.8	45.6	12.9	14.9	0.93	-0.30	-18.64
7,100.0	1.85	289.61	7,096.7	47.0	9.3	11.3	0.72	-0.71	-3.33
7,200.0	1.24	297.83	7,196.7	48.1	6.8	8.9	0.65	-0.61	8.22
7,300.0	1.88	298.80	7,296.7	49.4	4.4	6.6	0.64	0.64	0.97
7,400.0	3.46	277.16	7,396.5	50.6	0.0	2.2	1.85	1.58	-21.64
7,500.0	3.58	247.08	7,496.4	49.7	-5.9	-3.7	1.83	0.12	-30.08
7500' MS Gyro Survey									
7,523.0	3.80	193.60	7,519.3	48.7	-6.7	-4.6	14.45	0.96	-232.52
7,555.0	3.70	177.00	7,551.3	46.6	-6.9	-4.9	3.40	-0.31	-51.88
7,587.0	6.20	144.70	7,583.1	44.2	-5.9	-3.9	11.41	7.81	-100.94
7,619.0	10.10	121.60	7,614.8	41.3	-2.5	-0.7	15.68	12.19	-72.19
7,651.0	14.60	119.00	7,646.1	37.9	3.5	5.1	14.17	14.06	-8.13
7,682.0	18.60	116.80	7,675.8	33.8	11.3	12.7	13.06	12.90	-7.10
7,714.0	21.50	110.50	7,705.8	29.4	21.3	22.6	11.29	9.06	-19.69
7,746.0	24.60	102.40	7,735.3	25.9	33.3	34.4	13.84	9.69	-25.31
7,778.0	28.00	96.10	7,764.0	23.7	47.3	48.3	13.73	10.63	-19.69
7,810.0	30.50	93.00	7,791.9	22.5	62.9	63.8	9.13	7.81	-9.69
7,841.0	32.40	91.50	7,818.3	21.8	79.1	79.9	6.63	6.13	-4.84
7,873.0	34.00	91.20	7,845.1	21.4	96.6	97.4	5.03	5.00	-0.94
7,905.0	35.60	90.30	7,871.4	21.2	114.8	115.7	5.25	5.00	-2.81
7,937.0	37.70	89.60	7,897.1	21.2	133.9	134.7	6.69	6.56	-2.19
7,968.0	39.50	89.00	7,921.3	21.4	153.3	154.1	5.93	5.81	-1.94
8,000.0	41.20	89.90	7,945.7	21.6	174.0	174.8	5.62	5.31	2.81
8,032.0	44.10	90.40	7,969.2	21.6	195.7	196.4	9.12	9.06	1.56

Survey Report

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Design:	Original Hole	Database:	EDM 5000.1 Single User Db Todd

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)
8,064.0	47.70	90.60	7,991.5	21.4	218.7	219.4	11.26	11.25	0.63
8,095.0	50.60	90.00	8,011.8	21.3	242.1	242.8	9.47	9.35	-1.94
8,127.0	53.60	89.80	8,031.4	21.3	267.3	268.0	9.39	9.38	-0.63
8,159.0	57.20	89.60	8,049.6	21.4	293.7	294.3	11.26	11.25	-0.63
8,191.0	59.60	89.50	8,066.3	21.7	320.9	321.6	7.50	7.50	-0.31
8,222.0	62.80	89.30	8,081.3	21.9	348.1	348.7	10.34	10.32	-0.65
8,254.0	66.50	88.70	8,095.0	22.4	377.0	377.6	11.69	11.56	-1.88
8,285.0	69.80	88.20	8,106.5	23.2	405.8	406.4	10.75	10.65	-1.61
8,317.0	73.00	88.90	8,116.7	24.0	436.1	436.7	10.21	10.00	2.19
8,349.0	76.20	89.90	8,125.2	24.3	466.9	467.5	10.44	10.00	3.13
8,381.0	79.80	90.50	8,131.9	24.2	498.2	498.8	11.40	11.25	1.88
8,412.0	82.70	90.60	8,136.6	23.9	528.8	529.4	9.36	9.35	0.32
8,427.0	84.10	90.80	8,138.3	23.7	543.7	544.3	9.43	9.33	1.33
8,508.0	88.60	90.70	8,143.5	22.7	624.6	625.0	5.56	5.56	-0.12
8,603.0	88.40	90.70	8,145.9	21.5	719.5	719.8	0.21	-0.21	0.00
8,698.0	88.10	90.30	8,148.8	20.7	814.5	814.6	0.53	-0.32	-0.42
8,794.0	87.10	90.10	8,152.9	20.3	910.4	910.4	1.06	-1.04	-0.21
8,889.0	88.30	91.00	8,156.7	19.4	1,005.3	1,005.2	1.58	1.26	0.95
8,984.0	88.10	90.70	8,159.7	18.0	1,100.2	1,100.0	0.38	-0.21	-0.32
9,079.0	90.10	90.70	8,161.2	16.9	1,195.2	1,194.8	2.11	2.11	0.00
9,174.0	88.80	89.40	8,162.1	16.8	1,290.2	1,289.7	1.94	-1.37	-1.37
9,269.0	88.60	87.70	8,164.2	19.2	1,385.2	1,384.7	1.80	-0.21	-1.79
9,364.0	88.50	90.80	8,166.6	20.4	1,480.1	1,479.6	3.26	-0.11	3.26
9,459.0	88.80	90.50	8,168.9	19.3	1,575.1	1,574.4	0.45	0.32	-0.32
9,554.0	89.00	89.30	8,170.7	19.5	1,670.0	1,669.3	1.28	0.21	-1.26
9,649.0	88.80	88.20	8,172.5	21.6	1,765.0	1,764.3	1.18	-0.21	-1.16
9,744.0	89.80	89.30	8,173.7	23.7	1,860.0	1,859.2	1.56	1.05	1.16
9,838.0	89.10	88.00	8,174.6	25.9	1,953.9	1,953.2	1.57	-0.74	-1.38
9,933.0	90.30	89.30	8,175.1	28.1	2,048.9	2,048.2	1.86	1.26	1.37
10,028.0	89.30	88.40	8,175.4	30.0	2,143.9	2,143.2	1.42	-1.05	-0.95
10,123.0	89.90	89.40	8,176.1	31.8	2,238.9	2,238.1	1.23	0.63	1.05
10,218.0	88.20	90.80	8,177.6	31.7	2,333.8	2,333.0	2.32	-1.79	1.47
10,313.0	86.50	90.70	8,182.0	30.4	2,428.7	2,427.8	1.79	-1.79	-0.11
10,408.0	89.60	90.50	8,185.3	29.4	2,523.7	2,522.5	3.27	3.26	-0.21
10,503.0	88.90	90.30	8,186.5	28.8	2,618.7	2,617.4	0.77	-0.74	-0.21
10,597.0	89.50	89.60	8,187.8	28.9	2,712.6	2,711.3	0.98	0.64	-0.74
10,692.0	90.00	89.30	8,188.2	29.8	2,807.6	2,806.3	0.61	0.53	-0.32
10,787.0	88.10	91.20	8,189.8	29.4	2,902.6	2,901.1	2.83	-2.00	2.00
10,882.0	87.80	90.70	8,193.2	27.8	2,997.5	2,995.9	0.61	-0.32	-0.53
10,977.0	87.90	91.50	8,196.8	26.0	3,092.5	3,090.6	0.85	0.11	0.84
11,071.0	87.60	90.50	8,200.5	24.3	3,186.4	3,184.4	1.11	-0.32	-1.06
11,166.0	86.60	91.40	8,205.3	22.7	3,281.2	3,279.1	1.42	-1.05	0.95

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Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Parkway 26 State Com #5H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3331 + 20 @ 3351.0usft (Patterson # 45)
Site:	Section 26-19S-29E Parkway 26 State Com #5H	MD Reference:	GL 3331 + 20 @ 3351.0usft (Patterson # 45)
Well:	Parkway 26 State Com #5H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM 5000.1 Single User Db Todd

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)	
11,262.0	88.50	91.70	8,209.4	20.2	3,377.1	3,374.8	2.00	1.98	0.31	
11,356.0	87.70	91.70	8,212.5	17.4	3,471.0	3,468.5	0.85	-0.85	0.00	
11,451.0	89.90	92.60	8,214.5	13.8	3,565.9	3,563.1	2.50	2.32	0.95	
11,547.0	89.10	92.40	8,215.3	9.6	3,661.8	3,658.8	0.86	-0.83	-0.21	
11,642.0	89.70	91.70	8,216.3	6.2	3,756.8	3,753.5	0.97	0.63	-0.74	
11,737.0	87.80	90.50	8,218.4	4.4	3,851.7	3,848.2	2.37	-2.00	-1.26	
11,832.0	90.00	91.90	8,220.2	2.4	3,946.7	3,943.0	2.74	2.32	1.47	
11,928.0	89.00	91.00	8,221.0	0.0	4,042.6	4,038.8	1.40	-1.04	-0.94	
12,023.0	86.70	90.70	8,224.6	-1.4	4,137.5	4,133.5	2.44	-2.42	-0.32	
12,118.0	89.60	90.00	8,227.7	-2.0	4,232.5	4,228.4	3.14	3.05	-0.74	
12,213.0	90.80	89.80	8,227.3	-1.8	4,327.5	4,323.3	1.28	1.26	-0.21	
12,308.0	91.00	89.30	8,225.9	-1.1	4,422.5	4,418.2	0.57	0.21	-0.53	
12,403.0	90.50	88.20	8,224.6	1.0	4,517.4	4,513.2	1.27	-0.53	-1.16	
12,442.0	90.60	87.70	8,224.2	2.4	4,556.4	4,552.2	1.31	0.26	-1.28	
12,500.0	90.60	87.70	8,223.6	4.7	4,614.3	4,610.2	0.00	0.00	0.00	
12500' MD Projected to Bit										

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
7,500.0	7,496.4	49.7	-5.9	7500' MS Gyro Survey
12,500.0	8,223.6	4.7	4,614.3	12500' MD Projected to Bit

Operating Company Mewbourne Oil Co.
Well Name & Number Parkway 26 State Com #5H
Sales Ticket Number 6296403-2

Company Rep Tony
Field 0
BOT Service Rep Anthony Thomas
District Location Odessa, TX



Date 4/11/2014

	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	830000	6.276	6.276	LTC / 8RD	0.03826	8,482.00	9,960	6,230	
Top Liner	4.500	13.50	422000	3.920	3.920	LTC / 8RD	0.04910	4,478.00	12,410	10,680	
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-	
TVD		8223.00		KOP		7660.00		Open Hole	6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)			8.4		Propant Content (ppa)					Max Drill Out Size	0

	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press.	Max Rate (BPM)	Displ. (BBL)
Liner Top	1	10292414	JR SLv w/ 4.75" Seal Bore	8242.75	4.00	5.750	3.913			

Zone Length	H409400008	S3 Hanger Packer	8246.75	4.64	5.875	3.875		1670		
	H299900281	4-1/2"(LT&C x LT&C) collar	8251.39	0.59	5.000	3.920				
	H299710012	4-1/2 13.5# P110 LT&C CSG Nipple	8251.98	7.51	4.500	3.920				
		[7] 4-1/2" 13.5# P110 LT&C Joints	8259.49	316.93	4.500	3.920				
	H810090200	3.500" EXPress Slv (Zone 20)	8576.42	2.40	5.750		3.400	2286	289	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	8578.82	90.63	4.500	3.920				
	H409360008	582 OH Packer#19	8669.45	3.89	5.820	3.875		2154		
		[3] 4-1/2" 13.5# P110 LT&C Joints	8673.34	135.65	4.500	3.920				
	H810090199	3.438" EXPress Slv (Zone 19)	8808.99	2.40	5.750		3.385	2286	286	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	8811.39	90.06	4.500	3.920				
	H409360008	582 OH Packer#18	8901.45	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	8905.34	90.62	4.500	3.920				
	H810090198	3.375" EXPress Slv (Zone 18)	8995.96	2.40	5.750		3.275	2286	268	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	8998.36	90.11	4.500	3.920				
	H409360008	582 OH Packer#17	9088.47	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	9092.36	90.65	4.500	3.920				
	H810090197	3.313" EXPress Slv (Zone 17)	9183.01	2.40	5.750		3.260	2286	265	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	9185.41	90.32	4.500	3.920				
	H409360008	582 OH Packer#16	9275.73	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	9279.62	90.68	4.500	3.920				
	H810090196	3.250" EXPress Sleeve (Zone 16)	9370.30	2.40	5.750		3.150	2286	248	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	9372.70	90.64	4.500	3.920				

Operating Company Mewbourne Oil Co.
 Well Name & Number Parkway 26 State Com #5H
 Sales Ticket Number 6296403-2

Company Rep Tony
 Field 0
 BOT Service Rep Anthony Thomas



Date 4/11/2014

District Location Odessa, TX

	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse
Casing	7.000	26.00	830000	6.276	6.276	LTC / 8RD	0.03826	8,482.00	9,960	6,230
Top Liner	4.500	13.50	422000	3.920	3.920	LTC / 8RD	0.04910	4,478.00	12,410	10,680
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-
TVD		8223.00	KOP		7660.00	Open Hole		6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)		8.4	Propan Content (ppa)					Max Drill Out Size		0

	Comm. Number	Description	Depth	Length	OD	ID	Bail Seat ID	Shear Press.	Max Rate (BPM)	Displ. (BBL)
	H409360008	582 OH Packer#15	9463.34	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	9467.23	90.68	4.500	3.920				
	H810090195	3.188" EXPress Slv (Zone 15)	9557.91	2.40	5.750		3.135	2286	245	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	9560.31	90.63	4.500	3.920				
	H409360008	582 OH Packer#14	9650.94	3.89	5.820	3.875		2154		
		[3] 4-1/2" 13.5# P110 LT&C Joints	9654.83	135.69	4.500	3.920				
	H810090194	3.125" EXPress Slv (Zone 14)	9790.52	2.40	5.750		3.025	2286	228	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	9792.92	90.64	4.500	3.920				
	H409360008	582 OH Packer#13	9883.56	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	9887.45	90.40	4.500	3.920				
	H810090193	3.063" EXPress Slv (Zone 13)	9977.85	2.40	5.750		3.010	2286	226	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	9980.25	90.66	4.500	3.920				
	H409360008	582 OH Packer#12	10070.91	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	10074.80	90.63	4.500	3.920				
	H810090192	3.00" EXPress Slv (Zone 12)	10165.43	2.40	5.750		2.900	2286	210	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	10167.83	90.65	4.500	3.920				
	H409360008	582 OH Packer#11	10258.48	3.89	5.820	3.875		2154		
		[3] 4-1/2" 13.5# P110 LT&C Joints	10262.37	135.67	4.500	3.920				
	H810090191	2.938" EXPress Slv (Zone 11)	10398.04	2.40	5.750		2.885	2286	208	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	10400.44	90.38	4.500	3.920				
	H409360008	582 OH Packer#10	10490.82	3.89	5.820	3.875		2154		
		[3] 4-1/2" 13.5# P110 LT&C Joints	10494.71	135.98	4.500	3.920				
	H810090190	2.875" EXPress Slv (Zone 10)	10630.69	2.40	5.750		2.775	2286	192	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	10633.09	90.68	4.500	3.920				
	H409360008	582 OH Packer#9	10723.77	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	10727.66	90.62	4.500	3.920				

Operating Company Mewbourne Oil Co.
Well Name & Number Parkway 26 State Com #5H
Sales Ticket Number 6296403-2
Date 4/11/2014

Company Rep Tony
Field 0
BOT Service Rep Anthony Thomas
District Location Odessa, TX



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse	
Casing	7.000	26.00	830000	6.276	6.276	LTC / 8RD	0.03826	8,482.00	9,960	6,230	
Top Liner	4.500	13.50	422000	3.920	3.920	LTC / 8RD	0.04910	4,478.00	12,410	10,680	
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-	
TVD		8223.00		KOP		7660.00		Open Hole	6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)			8.4		Propant Content (ppa)				Max Drill Out Size		0

	Comm. Number	Description	Depth	Length	OD	ID	Ball Seat ID	Shear Press.	Max Rate (BPM)	Displ. (BBL)
	H810090189	2.813" EXPress Slv (Zone 9)	10818.28	2.40	5.750		2.760	2286	190	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	10820.68	90.65	4.500	3.920				
	H409360008	582 OH Packer#8	10911.33	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	10915.22	90.64	4.500	3.920				
	H810090188	2.750" EXPress Slv (Zone 8)	11005.86	2.40	5.750		2.650	2286	175	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	11008.26	90.34	4.500	3.920				
	H409360008	582 OH Packer#7	11098.60	3.89	5.820	3.875		2154		
		[3] 4-1/2" 13.5# P110 LT&C Joints	11102.49	135.70	4.500	3.920				
	H810090187	2.688" EXPress Slv (Zone 7)	11238.19	2.40	5.750		2.635	2286	173	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	11240.59	90.64	4.500	3.920				
	H409360008	582 OH Packer#6	11331.23	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	11335.12	90.41	4.500	3.920				
	H810090186	2.625" EXPress Slv (Zone 6)	11425.53	2.40	5.750		2.525	2286	159	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	11427.93	90.61	4.500	3.920				
	H409360008	582 OH Packer#5	11518.54	3.89	5.820	3.875		2154		
		[3] 4-1/2" 13.5# P110 LT&C Joints	11522.43	135.67	4.500	3.920				
	H810090185	2.563" EXPress Slv (Zone 5)	11658.10	2.40	5.750		2.510	2286	157	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	11660.50	90.66	4.500	3.920				
	H409360008	582 OH Packer#4	11751.16	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	11755.05	90.64	4.500	3.920				
	H810090184	2.500" EXPress Slv (Zone 4)	11845.69	2.40	5.750		2.400	2286	144	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	11848.09	90.39	4.500	3.920				
	H409360008	582 OH Packer#3	11938.48	3.89	5.820	3.875		2154		
		[2] 4-1/2" 13.5# P110 LT&C Joints	11942.37	90.37	4.500	3.920				
	H810090183	2.438" EXPress Slv (Zone 3)	12032.74	2.40	5.750		2.385	2286	142	315
		[2] 4-1/2" 13.5# P110 LT&C Joints	12035.14	90.64	4.500	3.920				

Company Rep	Tony
Field	0
BOT Service Rep	Anthony Thomas
District Location	Odessa, TX



	Size	Weight	Grade	ID	Drift	Thread	Capacity	Length	Burst	Collapse
Casing	7.000	26.00	830000	6.276	6.276	LTC / 8RD	0.03826	8,482.00	9,960	6,230
Top Liner	4.500	13.50	422000	3.920	3.920	LTC / 8RD	0.04910	4,478.00	12,410	10,680
Bott Liner	0.000	0.00	0	0.000	0.000	0	0.00000	-	-	-
TVD	8223.00		KOP		7660.00		Open Hole	6.125	Casing Vol. (bbl)	315.4
Carry Fluid Weight (ppg)			8.4		Propant Content (ppa)				Max Drill Out Size	0

[illegible]



COMPANY: Mewbourne Oil Company
 WELL: Parkway 26 State Com #5H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)
 RIG: Patterson # 45

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.35°

OFFICE: 936.582.7296

GEODETTIC ZONE: New Mexico East 3001
 GL 3331 + 20 @ 3351.0usft (Patterson # 45)
 GROUND ELEVATION: 3331.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	592641.30	586441.00	32° 37' 44.257 N	104° 3' 9.193 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	7661.6	0.00	0.00	7661.6	0.0	0.0	0.00	0.00	0.0	
3	8401.2	88.76	90.11	8139.0	-0.9	467.1	12.00	90.11	467.1	
4	12551.1	88.76	90.11	8229.0	-9.2	4616.0	0.00	0.00	4616.0	PBHL Parkway 26 State Com #5H

