

30-015-42526



COMPANY: Mewbourne Oil Company
 WELL: Ursa 27 B2IL Fed Com #1H
 COUNTY: Eddy County, New Mexico
 DATUM: NAD 1927 (NADCON CONUS)



GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.25°

OFFICE: 936.582.7296

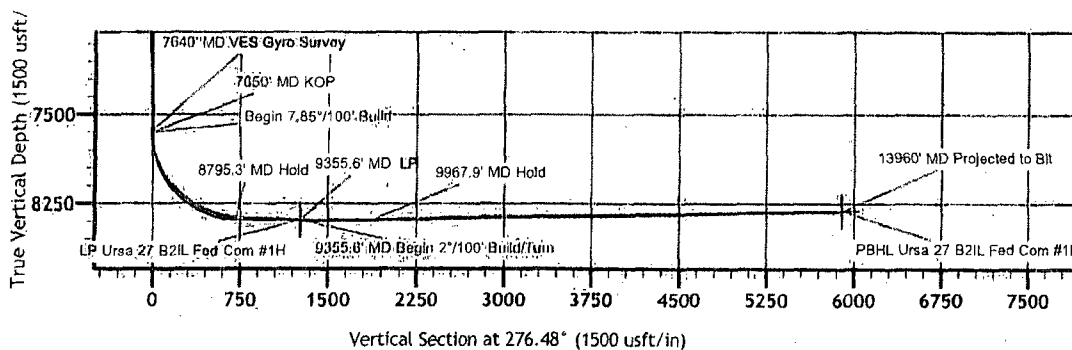
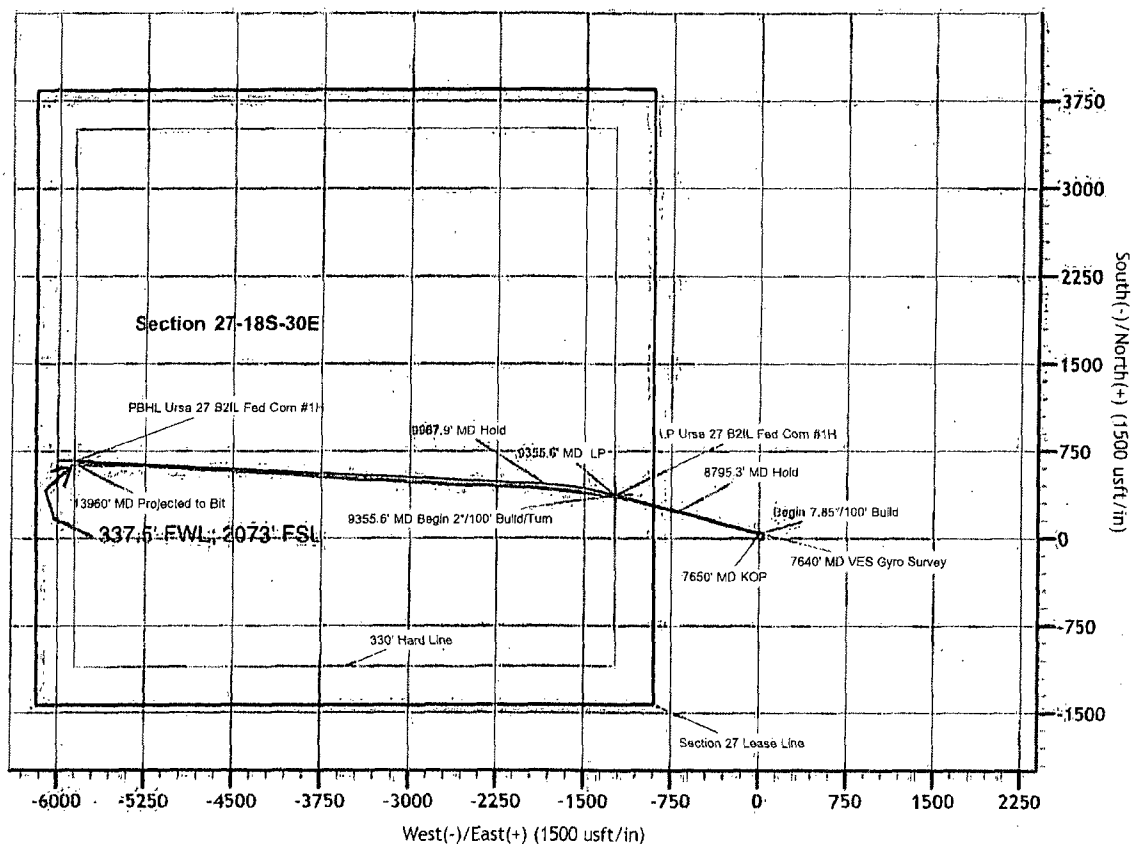
GEODETIC ZONE: New Mexico East 3001
 GL 3408 + 20 @ 3428.0usft (Patterson #41)
 GROUND ELEVATION: 3408.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	624026.70	618565.00	32° 42' 53.833 N	103° 56' 51.987 W	



Azimuths to Grid North
 True North: -0.21°
 Magnetic North: 7.25°
 Magnetic Field
 Strength: 48598.8snT
 Dip Angle: 60.51°
 Date: 3/3/2014
 Model: IGRF2010

PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Diag	TFace	VSecl	Target
1	7640.0	0.43	137.43	7639.0	42.6	8.6	0.00	0.00	-3.7	
2	7650.0	0.43	137.43	7649.0	42.5	8.6	0.00	0.00	-3.8	
3	8795.3	89.54	284.98	8383.5	226.8	-891.6	7.85	147.55	712.7	
4	9355.6	89.54	284.98	8388.0	371.6	-1232.9	0.00	0.00	1265.9	LP Ursa 27 B2IL Fed Com #1H
5	9967.9	91.09	272.83	8384.6	466.2	-1836.6	2.00	-82.73	1877.5	
6	13993.1	91.09	272.83	8308.0	664.8	-5056.1	0.00	0.00	5893.8	PBHL Ursa 27 B2IL Fed Com #1H



Mewbourne Oil Company .

Eddy County, New Mexico

Section 27-18S-30E Ursa 27 B2IL Fed Com #1H

Ursa 27 B2IL Fed Com #1H

Original Hole

Design: Original Hole

Standard Survey Report

04 September, 2014

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Ursa 27-B2IL Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Site:	Section 27-18S-30E Ursa 27-B2IL Fed Com #1H	MD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Well:	Ursa 27-B2IL Fed Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker EDM

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 27-18S-30E Ursa 27-B2IL Fed Com #1H				
Site Position:		Northing:	624,026.70 usft	Latitude:	32° 42' 53.833 N
From:	Map	Easting:	618,585.00 usft	Longitude:	103° 56' 51.987 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.21 °

Well:	Ursa 27-B2IL Fed Com #1H					
Well Position	+N/-S	0.0 usft	Northing:	624,026.70 usft	Latitude:	32° 42' 53.833 N
	+E/-W	0.0 usft	Easting:	618,585.00 usft	Longitude:	103° 56' 51.987 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,408.0 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/3/2014	7.46	60.51	48,599

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	276.48	

Survey Program		Date 9/4/2014		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	7,640.0	VES Gyro Survey #1 (Original Hole)	GyroFlex	
7,674.0	13,960.0	Survey #2 (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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.23	64.71	100.0	0.1	0.2	-0.2	0.23	0.23	0.00
200.0	0.36	73.37	200.0	0.3	0.7	-0.6	0.14	0.13	8.66
300.0	0.73	96.94	300.0	0.3	1.6	-1.6	0.43	0.37	23.57
400.0	0.65	93.55	400.0	0.2	2.8	-2.8	0.09	-0.08	-3.39
500.0	0.75	88.09	500.0	0.1	4.0	-4.0	0.12	0.10	-5.46
600.0	0.58	68.06	600.0	0.4	5.1	-5.1	0.29	-0.17	-20.03
700.0	0.59	95.08	700.0	0.5	6.1	-6.0	0.27	0.01	27.02
800.0	0.67	81.17	800.0	0.5	7.2	-7.1	0.17	0.08	-13.91
900.0	0.58	116.68	900.0	0.4	8.2	-8.1	0.39	-0.09	35.51

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Ursa 27 B2IL Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Site:	Section 27-18S-30E Ursa 27 B2IL Fed Com #1H	MD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Well:	Ursa 27 B2IL Fed Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker EDM

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)
1,000.0	0.50	110.31	1,000.0	0.0	9.1	-9.0	0.10	-0.08	-6.37
1,100.0	0.61	135.31	1,099.9	-0.5	9.9	-9.9	0.26	0.11	25.00
1,200.0	0.56	114.36	1,199.9	-1.1	10.7	-10.8	0.22	-0.05	-20.95
1,300.0	1.04	116.66	1,299.9	-1.7	12.0	-12.1	0.48	0.48	2.30
1,400.0	1.27	101.66	1,399.9	-2.3	13.9	-14.0	0.38	0.23	-15.00
1,500.0	1.67	87.75	1,499.9	-2.5	16.4	-16.6	0.53	0.40	-13.91
1,600.0	1.73	88.51	1,599.8	-2.4	19.4	-19.5	0.06	0.06	0.76
1,700.0	1.37	79.06	1,699.8	-2.1	22.0	-22.1	0.44	-0.36	-9.45
1,800.0	1.31	80.06	1,799.8	-1.7	24.3	-24.4	0.06	-0.06	1.00
1,900.0	1.08	58.12	1,899.7	-1.0	26.3	-26.2	0.51	-0.23	-21.94
2,000.0	1.02	40.65	1,999.7	0.2	27.7	-27.5	0.32	-0.06	-17.47
2,100.0	1.05	29.01	2,099.7	1.6	28.7	-28.3	0.21	0.03	-11.64
2,200.0	1.06	26.14	2,199.7	3.3	29.5	-29.0	0.05	0.01	-2.87
2,300.0	1.19	38.45	2,299.7	4.9	30.6	-29.8	0.27	0.13	12.31
2,400.0	1.14	36.71	2,399.7	6.5	31.8	-30.9	0.06	-0.05	-1.74
2,500.0	0.96	19.82	2,499.6	8.1	32.7	-31.6	0.36	-0.18	-16.89
2,600.0	0.67	357.87	2,599.6	9.5	33.0	-31.7	0.42	-0.29	-21.95
2,700.0	0.74	6.04	2,699.6	10.7	33.0	-31.6	0.12	0.07	8.17
2,800.0	0.83	5.68	2,799.6	12.1	33.2	-31.6	0.09	0.09	-0.36
2,900.0	0.84	7.13	2,899.6	13.5	33.3	-31.6	0.02	0.01	1.45
3,000.0	0.92	6.28	2,999.6	15.1	33.5	-31.6	0.08	0.08	-0.85
3,100.0	0.70	2.51	3,099.6	16.5	33.6	-31.5	0.23	-0.22	-3.77
3,200.0	0.90	7.47	3,199.6	17.9	33.7	-31.5	0.21	0.20	4.96
3,300.0	0.70	4.24	3,299.6	19.2	33.9	-31.5	0.20	-0.20	-3.23
3,400.0	0.65	350.69	3,399.6	20.4	33.8	-31.3	0.17	-0.05	-13.55
3,500.0	0.74	358.24	3,499.6	21.6	33.7	-31.1	0.13	0.09	7.55
3,600.0	0.88	353.75	3,599.5	23.0	33.6	-30.8	0.15	0.14	-4.49
3,700.0	0.70	356.86	3,699.5	24.4	33.5	-30.5	0.18	-0.18	3.11
3,800.0	0.71	357.04	3,799.5	25.6	33.4	-30.3	0.01	0.01	0.18
3,900.0	0.84	355.08	3,899.5	27.0	33.3	-30.1	0.13	0.13	-1.96
4,000.0	1.00	346.48	3,999.5	28.6	33.1	-29.6	0.21	0.16	-8.60
4,100.0	0.92	356.23	4,099.5	30.2	32.8	-29.2	0.18	-0.08	9.75
4,200.0	0.98	347.30	4,199.5	31.8	32.6	-28.8	0.16	0.06	-8.93
4,300.0	0.61	310.64	4,299.5	33.0	32.0	-28.1	0.61	-0.37	-36.66
4,400.0	0.78	305.98	4,399.5	33.8	31.0	-27.0	0.18	0.17	-4.66
4,500.0	0.66	314.06	4,499.4	34.6	30.1	-26.0	0.16	-0.12	8.08
4,600.0	0.30	250.21	4,599.4	34.9	29.4	-25.3	0.59	-0.36	-63.85
4,700.0	0.23	251.78	4,699.4	34.7	29.0	-24.9	0.07	-0.07	1.57
4,800.0	0.45	263.91	4,799.4	34.6	28.4	-24.3	0.23	0.22	12.13
4,900.0	0.31	261.67	4,899.4	34.5	27.7	-23.7	0.14	-0.14	-2.24
5,000.0	0.15	249.92	4,999.4	34.5	27.3	-23.3	0.17	-0.16	-11.75
5,100.0	0.20	259.24	5,099.4	34.4	27.0	-23.0	0.06	0.05	9.32
5,200.0	0.06	248.03	5,199.4	34.3	26.8	-22.8	0.14	-0.14	-11.21

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Ursa 27 B2IL Fed Com #1H
Project:	Eddy County New Mexico	TVDI Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Site:	Section 27-18S-30E Ursa 27 B2IL Fed Com #1H	MD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Well:	Ursa 27 B2IL Fed Com #1H	North Reference:	Grid
Wellbore Design:	Original Hole	Survey/Calculation Method:	Minimum Curvature
		Database:	Stryker EDM

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)
5,300.0	0.02	244.56	5,299.4	34.3	26.8	-22.7	0.04	-0.04	-3.47
5,400.0	0.10	249.82	5,399.4	34.3	26.7	-22.6	0.08	0.08	5.26
5,500.0	0.06	247.85	5,499.4	34.2	26.5	-22.5	0.04	-0.04	-1.97
5,600.0	0.06	135.19	5,599.4	34.2	26.5	-22.5	0.10	0.00	-112.66
5,700.0	0.05	153.42	5,699.4	34.1	26.6	-22.6	0.02	-0.01	18.23
5,800.0	0.80	120.80	5,799.4	33.7	27.2	-23.2	0.76	0.75	-32.62
5,900.0	0.85	125.46	5,899.4	32.9	28.4	-24.5	0.08	0.05	4.66
6,000.0	0.57	132.62	5,999.4	32.1	29.4	-25.6	0.29	-0.28	7.16
6,100.0	0.23	128.25	6,099.4	31.7	29.9	-26.1	0.34	-0.34	-4.37
6,200.0	0.32	258.66	6,199.4	31.5	29.8	-26.0	0.50	0.09	130.41
6,300.0	0.23	264.39	6,299.4	31.4	29.3	-25.6	0.09	-0.09	5.73
6,400.0	0.78	276.62	6,399.4	31.5	28.4	-24.7	0.56	0.55	12.23
6,500.0	0.89	298.97	6,499.4	31.9	27.1	-23.3	0.34	0.11	22.35
6,600.0	1.57	266.94	6,599.4	32.2	25.0	-21.2	0.94	0.68	-32.03
6,700.0	1.75	264.58	6,699.3	32.0	22.1	-18.4	0.19	0.18	-2.36
6,800.0	1.90	283.62	6,799.3	32.3	19.0	-15.2	0.62	0.15	19.04
6,900.0	1.88	295.30	6,899.2	33.3	15.9	-12.0	0.39	-0.02	11.68
7,000.0	2.01	316.38	6,999.2	35.3	13.2	-9.2	0.72	0.13	21.08
7,100.0	2.10	326.87	7,099.1	38.1	11.0	-6.6	0.39	0.09	10.49
7,200.0	1.24	329.67	7,199.1	40.6	9.5	-4.8	0.86	-0.86	2.80
7,300.0	0.85	320.46	7,299.0	42.1	8.4	-3.6	0.42	-0.39	-9.21
7,400.0	0.31	342.73	7,399.0	42.9	7.9	-3.0	0.58	-0.54	22.27
7,500.0	0.20	127.50	7,499.0	43.1	7.9	-3.0	0.49	-0.11	144.77
7,600.0	0.39	124.22	7,599.0	42.8	8.4	-3.5	0.19	0.19	-3.28
7,640.0	0.43	137.43	7,639.0	42.6	8.6	-3.7	0.26	0.10	33.03
7640 MD VES Gyro Survey									
7,674.0	1.00	178.50	7,673.0	42.2	8.7	-3.9	2.15	1.68	120.79
7,705.0	2.80	254.00	7,704.0	41.7	8.0	-3.2	8.80	5.81	243.55
7,737.0	6.00	269.30	7,735.9	41.5	5.5	-0.8	10.56	10.00	47.81
7,769.0	9.50	274.10	7,767.6	41.7	1.2	3.5	11.11	10.94	15.00
7,801.0	13.20	278.10	7,799.0	42.4	-5.0	9.8	11.81	11.56	12.50
7,832.0	16.90	282.30	7,828.9	43.8	-12.9	17.8	12.44	11.94	13.55
7,865.0	20.50	284.30	7,860.2	46.3	-23.2	28.3	11.08	10.91	6.06
7,897.0	22.80	285.00	7,889.9	49.3	-34.6	40.0	7.23	7.19	2.19
7,929.0	24.90	285.20	7,919.2	52.6	-47.1	52.8	6.57	6.56	0.63
7,961.0	26.80	284.80	7,948.0	56.2	-60.6	66.6	5.96	5.94	-1.25
7,993.0	29.00	284.10	7,976.3	60.0	-75.1	81.4	6.95	6.88	-2.19
8,025.0	31.70	283.40	8,003.9	63.8	-90.8	97.4	8.51	8.44	-2.19
8,056.0	34.40	283.40	8,029.9	67.7	-107.3	114.2	8.71	8.71	0.00
8,088.0	36.80	283.80	8,055.9	72.1	-125.4	132.7	7.54	7.50	1.25
8,121.0	39.00	284.10	8,081.9	77.0	-145.0	152.8	6.69	6.67	0.91
8,152.0	41.30	284.60	8,105.6	82.0	-164.4	172.6	7.49	7.42	1.61
8,184.0	43.60	284.50	8,129.2	87.4	-185.3	194.0	7.19	7.19	-0.31

Stryker Directional Survey Report

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Project:	Eddy County, New Mexico	TVD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Site:	Section 27-18S-30E Ursa 27 B2IL Fed Com #1H	MD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Well:	Ursa 27 B2IL Fed Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,216.0	45.80	284.30	8,152.0	93.0	-207.1	216.3	6.89	6.88	-0.63
8,248.0	48.50	284.60	8,173.7	98.8	-229.8	239.5	8.47	8.44	0.94
8,280.0	51.90	285.30	8,194.2	105.2	-253.6	263.8	10.76	10.63	2.19
8,311.0	54.90	285.90	8,212.7	111.9	-277.5	288.4	9.80	9.68	1.94
8,343.0	57.00	286.40	8,230.6	119.2	-303.0	314.5	6.69	6.56	1.56
8,375.0	58.70	286.20	8,247.6	126.8	-329.0	341.2	5.34	5.31	-0.63
8,407.0	60.30	286.40	8,263.9	134.6	-355.5	368.4	5.03	5.00	0.63
8,439.0	61.90	286.60	8,279.3	142.5	-382.3	396.0	5.03	5.00	0.63
8,471.0	64.10	286.70	8,293.9	150.7	-409.6	424.0	6.88	6.88	0.31
8,502.0	66.70	286.60	8,306.8	158.8	-436.6	451.8	8.39	8.39	-0.32
8,534.0	69.30	286.40	8,318.8	167.2	-465.1	481.0	8.15	8.13	-0.63
8,566.0	71.50	286.60	8,329.5	175.8	-494.0	510.7	6.90	6.88	0.63
8,598.0	73.00	285.50	8,339.2	184.2	-523.3	540.7	5.72	4.69	-3.44
8,629.0	74.90	284.10	8,347.8	191.8	-552.1	570.2	7.51	6.13	-4.52
8,661.0	76.90	284.10	8,355.6	199.4	-582.2	601.0	6.25	6.25	0.00
8,693.0	79.00	284.30	8,362.3	207.0	-612.5	632.0	6.59	6.56	0.63
8,724.0	81.10	284.60	8,367.6	214.7	-642.1	662.2	6.84	6.77	0.97
8,756.0	83.40	284.50	8,372.0	222.6	-672.8	693.6	7.19	7.19	-0.31
8,788.0	85.60	284.10	8,375.0	230.5	-703.6	725.2	6.99	6.88	-1.25
8,820.0	87.80	284.10	8,376.9	238.3	-734.6	756.8	6.88	6.88	0.00
8,852.0	89.90	283.60	8,377.5	245.9	-765.7	788.5	6.75	6.56	-1.56
8,883.0	91.50	283.40	8,377.1	253.2	-795.8	819.3	5.20	5.16	-0.65
8,915.0	91.50	283.40	8,376.3	260.6	-826.9	851.1	0.00	0.00	0.00
8,947.0	89.60	283.10	8,376.0	267.9	-858.1	882.8	6.01	-5.94	-0.94
8,979.0	89.90	282.70	8,376.1	275.1	-889.3	914.6	1.56	0.94	-1.25
9,010.0	89.10	283.80	8,376.4	282.2	-919.5	945.4	4.39	-2.58	3.55
9,042.0	87.90	284.30	8,377.2	289.9	-950.5	977.1	4.06	-3.75	1.56
9,073.0	88.40	284.30	8,378.2	297.6	-980.5	1,007.8	1.61	1.61	0.00
9,105.0	89.70	284.30	8,378.8	305.5	-1,011.5	1,039.5	4.06	4.06	0.00
9,137.0	89.60	283.90	8,379.0	313.3	-1,042.5	1,071.2	1.29	-0.31	-1.25
9,169.0	88.00	283.10	8,379.6	320.8	-1,073.7	1,103.0	5.59	-5.00	-2.50
9,201.0	86.70	283.80	8,381.1	328.2	-1,104.7	1,134.7	4.61	-4.06	2.19
9,233.0	86.60	283.10	8,383.0	335.6	-1,135.8	1,166.4	2.21	-0.31	-2.19
9,264.0	87.00	282.50	8,384.7	342.5	-1,166.0	1,197.2	2.32	1.29	-1.94
9,374.0	87.60	279.20	8,389.9	363.2	-1,273.9	1,306.7	3.05	0.55	-3.00
9,405.0	88.50	278.70	8,390.9	368.0	-1,304.5	1,337.7	3.32	2.90	-1.61
9,437.0	89.00	277.80	8,391.6	372.6	-1,336.2	1,369.7	3.22	1.56	-2.81
9,469.0	90.00	277.60	8,391.9	376.9	-1,367.9	1,401.7	3.19	3.13	-0.63
9,500.0	90.70	276.70	8,391.7	380.7	-1,398.6	1,432.7	3.68	2.26	-2.90
9,532.0	90.70	276.00	8,391.3	384.3	-1,430.4	1,464.7	2.19	0.00	-2.19
9,564.0	90.80	275.70	8,390.9	387.5	-1,462.3	1,496.6	0.99	0.31	-0.94
9,627.0	91.30	275.10	8,389.8	393.4	-1,525.0	1,559.6	1.24	0.79	-0.95
9,690.0	91.10	275.30	8,388.5	399.1	-1,587.7	1,622.6	0.45	-0.32	0.32
9,754.0	90.30	276.00	8,387.7	405.4	-1,651.4	1,686.6	1.66	-1.25	1.09

1372 -1326

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Ursa 27 B2IL Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Site:	Section 27-18S-30E Ursa 27 B2IL Fed Com #1H	MD Reference:	GL 3408 + 20 @ 3428.0usft (Patterson #41)
Well:	Ursa 27 B2IL Fed Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker EDM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (%/100usft)	Build Rate (%/100usft)	Turn Rate (%/100usft)
9,817.0	89.70	275.50	8,387.7	411.8	-1,714.1	1,749.6	1.24	-0.95	-0.79
9,880.0	89.90	275.30	8,387.9	417.7	-1,776.8	1,812.6	0.45	0.32	-0.32
9,943.0	90.70	275.70	8,387.6	423.7	-1,839.5	1,875.6	1.42	1.27	0.63
10,007.0	91.70	275.30	8,386.2	429.9	-1,903.2	1,939.5	1.68	1.56	-0.63
10,070.0	92.50	274.10	8,383.9	435.0	-1,965.9	2,002.5	2.29	1.27	-1.90
10,133.0	92.90	273.90	8,380.9	439.4	-2,028.7	2,065.3	0.71	0.63	-0.32
10,196.0	92.20	273.90	8,378.1	443.7	-2,091.5	2,128.2	1.11	-1.11	0.00
10,291.0	90.90	273.00	8,375.6	449.4	-2,186.3	2,223.0	1.66	-1.37	-0.95
10,386.0	92.10	270.60	8,373.1	452.4	-2,281.2	2,317.7	2.82	1.26	-2.53
10,481.0	90.50	270.70	8,370.9	453.5	-2,376.2	2,412.2	1.69	-1.68	0.11
10,575.0	90.30	270.90	8,370.3	454.8	-2,470.1	2,505.7	0.30	-0.21	0.21
10,670.0	91.60	272.30	8,368.7	457.4	-2,565.1	2,600.3	2.01	1.37	1.47
10,765.0	92.10	272.90	8,365.6	461.7	-2,659.9	2,695.1	0.82	0.53	0.63
10,860.0	91.50	274.60	8,362.6	467.9	-2,754.7	2,789.9	1.90	-0.63	1.79
10,955.0	89.90	274.40	8,361.5	475.4	-2,849.4	2,884.8	1.70	-1.68	-0.21
11,050.0	91.50	273.90	8,360.3	482.3	-2,944.1	2,979.7	1.76	1.68	-0.53
11,145.0	91.40	273.20	8,357.9	488.2	-3,038.9	3,074.6	0.74	-0.11	-0.74
11,240.0	90.40	273.90	8,356.4	494.0	-3,133.7	3,169.5	1.28	-1.05	0.74
11,335.0	89.70	272.20	8,356.3	499.1	-3,228.6	3,264.3	1.94	-0.74	-1.79
11,429.0	89.40	272.30	8,357.1	502.8	-3,322.5	3,358.0	0.34	-0.32	0.11
11,524.0	90.60	272.90	8,357.1	507.1	-3,417.4	3,452.8	1.41	1.26	0.63
11,619.0	90.40	273.90	8,356.3	512.7	-3,512.2	3,547.7	1.07	-0.21	1.05
11,714.0	90.80	273.40	8,355.3	518.8	-3,607.0	3,642.5	0.67	0.42	-0.53
11,809.0	92.20	274.80	8,352.8	525.6	-3,701.8	3,737.4	2.08	1.47	1.47
11,904.0	91.50	274.80	8,349.7	533.5	-3,796.4	3,832.3	0.74	-0.74	0.00
11,999.0	91.50	274.40	8,347.2	541.1	-3,891.0	3,927.2	0.42	0.00	-0.42
12,093.0	91.00	274.10	8,345.2	548.1	-3,984.8	4,021.1	0.62	-0.53	-0.32
12,188.0	90.20	273.70	8,344.2	554.5	-4,079.5	4,116.0	0.94	-0.84	-0.42
12,283.0	90.00	273.70	8,344.0	560.7	-4,174.3	4,210.9	0.21	-0.21	0.00
12,378.0	90.50	273.70	8,343.6	566.8	-4,269.1	4,305.8	0.53	0.53	0.00
12,473.0	91.50	273.00	8,341.9	572.4	-4,363.9	4,400.7	1.28	1.05	-0.74
12,568.0	91.00	272.70	8,339.9	577.1	-4,458.8	4,495.5	0.61	-0.53	-0.32
12,663.0	91.20	273.60	8,338.0	582.3	-4,553.6	4,590.3	0.97	0.21	0.95
12,757.0	91.70	272.50	8,335.7	587.3	-4,647.5	4,684.1	1.29	0.53	-1.17
12,852.0	90.80	272.50	8,333.6	591.4	-4,742.4	4,778.8	0.95	-0.95	0.00
12,946.0	91.10	272.90	8,332.0	595.9	-4,836.3	4,872.6	0.53	0.32	0.43
13,041.0	91.80	273.40	8,329.6	601.1	-4,931.1	4,967.4	0.91	0.74	0.53
13,136.0	92.00	274.10	8,326.5	607.3	-5,025.8	5,062.2	0.77	0.21	0.74
13,231.0	91.30	274.60	8,323.7	614.5	-5,120.5	5,157.1	0.91	-0.74	0.53
13,325.0	91.20	274.30	8,321.7	621.8	-5,214.2	5,251.1	0.34	-0.11	-0.32
13,420.0	91.70	273.00	8,319.3	627.8	-5,309.0	5,345.9	1.47	0.53	-1.37
13,515.0	89.10	269.20	8,318.6	629.7	-5,403.9	5,440.5	4.85	-2.74	-4.00
13,610.0	91.30	272.20	8,318.3	630.8	-5,498.9	5,535.0	3.92	2.32	3.16

Stryker Directional Survey Report

Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Ursa 27 B2IL Fed Com #1H
Project:	Eddy County, New Mexico	TVD Reference:	GL 3408 + 20' @ 3428.0usft (Patterson #41)
Site:	Section 27-18S-30E Ursa 27 B2IL Fed Com #1H	MD Reference:	GL 3408 + 20' @ 3428.0usft (Patterson #41)
Well:	Ursa 27 B2IL Fed Com #1H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker EDM

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,705.0	89.60	272.30	8,317.5	634.6	-5,593.8	5,629.7	1.79	-1.79	0.11
13,799.0	88.60	271.80	8,319.0	637.9	-5,687.8	5,723.4	1.19	-1.06	-0.53
13,894.0	89.60	269.50	8,320.5	639.0	-5,782.7	5,817.9	2.64	1.05	-2.42
13,960.0	89.60	269.50	8,321.0	638.4	-5,848.7	5,883.4	0.00	0.00	0.00
13960' MD Projected to Bit									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
7,640.0	7,639.0	42.6	8.6	7640' MD VES Gyro Survey
13,960.0	8,321.0	638.4	-5,848.7	13960' MD Projected to Bit



October 7, 2014

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
Ursa 27 B2IL Federal Com #001H
Santo Nino; Bone Spring
Eddy County, New Mexico
API# 30-015-42526

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>
Noah Townsend	Original Hole	7,674 ft. to 13,894 ft.	08-21-14 to 09-04-14	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


Todd 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\Ursa 27 B2IL Federal Com #1H\141187

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



October 7, 2014

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Todd Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of August 21, 2014 thru September 04, 2014, conduct or supervise the taking of a SEDS MWD Survey from a depth of 7,674 feet to 13,894 feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Ursa 27 B2IL Federal Com #001H well, API # **30-015-42526** 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.


Todd 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**



Job Number: M141187
 Company: Mowbourn Oil Company
 Lease/Well: Ursa 27 B2IL Federal Com # 1H
 Location: Eddy County
 Rig Name: Patterson # 41
 RKB: N/A
 G.L. or M.S.L.: N/A

State/Country: New Mexico / USA
 Declination: 7.25° Corrected To Grid
 Grid: 7.25°
 File name: C:\WINSERVE\DOCS\M141187.SVY
 Date/Time: 25-Sep-14 / 07:43
 Curve Name: SES MWD SURVEY RAN ON 8-21-14

Styker Energy Directional Services, LLC.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 276.48
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
Tie-In Data Provided by VES Gyro Survey									
7640.00	.43	137.43	7639.04	42.57	8.59	-3.73	43.43	11.41	.00
7674.00	1.00	178.50	7673.04	42.18	8.68	-3.87	43.06	11.63	2.15
7705.00	2.80	254.00	7704.02	41.70	7.96	-3.21	42.45	10.81	8.80
7737.00	6.00	269.30	7735.92	41.46	5.54	-.82	41.83	7.61	10.56
7769.00	9.50	274.10	7767.63	41.63	1.23	3.48	41.65	1.69	11.11
7801.00	13.20	278.10	7799.00	42.34	-5.02	9.77	42.63	353.23	11.81
7832.00	16.90	282.30	7828.93	43.80	-12.93	17.79	45.67	343.55	12.44
7865.00	20.50	284.30	7860.18	46.25	-23.22	28.29	51.75	333.34	11.08
7897.00	22.80	285.00	7889.92	49.23	-34.64	39.98	60.20	324.87	7.23
7929.00	24.90	285.20	7919.19	52.61	-47.13	52.77	70.63	318.14	6.57
7961.00	26.80	284.80	7947.99	56.22	-60.61	66.57	82.67	312.85	5.96
7993.00	29.00	284.10	7976.26	59.95	-75.11	81.40	96.10	308.60	6.95
8025.00	31.70	283.40	8003.88	63.79	-90.81	97.43	110.98	305.08	8.51
8056.00	34.40	283.40	8029.86	67.71	-107.26	114.21	126.84	302.26	8.71
8088.00	36.80	283.80	8055.88	72.09	-125.36	132.70	144.61	299.90	7.54
8121.00	39.00	284.10	8081.91	76.97	-145.03	152.80	164.20	297.96	6.69
8152.00	41.30	284.60	8105.61	81.93	-164.40	172.59	183.68	296.49	7.49
8184.00	43.60	284.50	8129.22	87.36	-185.30	193.98	204.86	295.24	7.19
8216.00	45.80	284.30	8151.96	92.95	-207.10	216.27	227.01	294.17	6.89
8248.00	48.50	284.60	8173.72	98.81	-229.82	239.50	250.16	293.26	8.47
8280.00	51.90	285.30	8194.20	105.15	-253.57	263.81	274.50	292.52	10.76
8311.00	54.90	285.90	8212.68	111.85	-277.53	288.38	299.22	291.95	9.80
8343.00	57.00	286.40	8230.60	119.22	-303.00	314.52	325.61	291.48	6.69
8375.00	58.70	286.20	8247.63	126.83	-329.00	341.21	352.60	291.08	5.34

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
8407.00	60.30	286.40	8263.87	134.56	-355.46	368.38	380.08	290.73	5.03
8439.00	61.90	286.60	8279.33	142.52	-382.32	395.97	408.03	290.44	5.03
8471.00	64.10	286.70	8293.86	150.69	-409.64	424.03	436.48	290.20	6.88
8502.00	66.70	286.60	8306.76	158.77	-436.64	451.77	464.61	289.98	8.39
8534.00	69.30	286.40	8318.75	167.19	-465.09	480.99	494.23	289.77	8.15
8566.00	71.50	286.60	8329.48	175.75	-493.99	510.67	524.32	289.58	6.90
8598.00	73.00	285.50	8339.24	184.18	-523.28	540.72	554.74	289.39	5.72
8629.00	74.90	284.10	8347.81	191.78	-552.08	570.20	584.44	289.16	7.51
8661.00	76.90	284.10	8355.61	199.35	-582.18	600.96	615.36	288.90	6.25
8693.00	79.00	284.30	8362.29	207.02	-612.52	631.97	646.56	288.67	6.59
8724.00	81.10	284.60	8367.64	214.64	-642.08	662.20	677.01	288.48	6.84
8756.00	83.40	284.50	8371.96	222.61	-672.77	693.60	708.64	288.31	7.19
8788.00	85.60	284.10	8375.02	230.47	-703.63	725.15	740.42	288.14	6.99
8820.00	87.80	284.10	8376.87	238.26	-734.62	756.81	772.29	287.97	6.87
8852.00	89.90	283.60	8377.51	245.91	-765.68	788.54	804.20	287.81	6.75
8883.00	91.50	283.40	8377.13	253.15	-795.82	819.30	835.11	287.65	5.20
8915.00	91.50	283.40	8376.29	260.56	-826.94	851.06	867.02	287.49	.00
8947.00	89.60	283.10	8375.98	267.90	-858.08	882.83	898.93	287.34	6.01
8979.00	89.90	282.70	8376.12	275.04	-889.27	914.63	930.84	287.19	1.56
9010.00	89.10	283.80	8376.39	282.15	-919.45	945.41	961.76	287.06	4.39
9042.00	87.90	284.30	8377.23	289.91	-950.48	977.12	993.71	286.96	4.06
9073.00	88.40	284.30	8378.23	297.56	-980.50	1007.82	1024.66	286.88	1.61
9105.00	89.70	284.30	8378.76	305.47	-1011.51	1039.52	1056.62	286.80	4.06
9137.00	89.60	283.90	8378.96	313.26	-1042.54	1071.23	1088.59	286.72	1.29
9169.00	88.00	283.10	8379.63	320.73	-1073.65	1102.99	1120.53	286.63	5.59
9201.00	86.70	283.80	8381.11	328.17	-1104.74	1134.71	1152.45	286.54	4.61
9233.00	86.60	283.10	8382.98	335.60	-1135.81	1166.42	1184.35	286.46	2.21
9264.00	87.00	282.50	8384.71	342.45	-1165.99	1197.19	1215.24	286.37	2.32
9374.00	87.60	279.20	8389.89	363.13	-1273.89	1306.73	1324.63	285.91	3.05
9405.00	88.50	278.70	8390.95	367.95	-1304.49	1337.68	1355.39	285.75	3.32
9437.00	89.00	277.80	8391.65	372.54	-1336.15	1369.66	1387.12	285.58	3.22
9469.00	90.00	277.60	8391.92	376.83	-1367.86	1401.65	1418.82	285.40	3.19
9500.00	90.70	276.70	8391.74	380.69	-1398.62	1432.65	1449.50	285.23	3.68
9532.00	90.70	276.00	8391.34	384.23	-1430.42	1464.64	1481.13	285.04	2.19
9564.00	90.80	275.70	8390.93	387.49	-1462.25	1496.64	1512.72	284.84	.99
9627.00	91.30	275.10	8389.77	393.42	-1524.96	1559.62	1574.89	284.47	1.24
9690.00	91.10	275.30	8388.45	399.13	-1587.69	1622.59	1637.09	284.11	.45
9754.00	90.30	276.00	8387.67	405.43	-1651.37	1686.58	1700.41	283.79	1.66
9817.00	89.70	275.50	8387.67	411.74	-1714.05	1749.57	1762.81	283.51	1.24
9880.00	89.90	275.30	8387.89	417.67	-1776.77	1812.56	1825.20	283.23	.45
9943.00	90.70	275.70	8387.56	423.70	-1839.48	1875.55	1887.65	282.97	1.42
10007.00	91.70	275.30	8386.22	429.84	-1903.17	1939.52	1951.11	282.73	1.68
10070.00	92.50	274.10	8383.91	435.00	-1965.92	2002.45	2013.47	282.48	2.29
10133.00	92.90	273.90	8380.94	439.39	-2028.69	2065.32	2075.73	282.22	.71
10196.00	92.20	273.90	8378.14	443.67	-2091.48	2128.19	2138.02	281.98	1.11

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
10291.00	90.90	273.00	8375.57	449.38	-2186.27	2223.02	2231.98	281.62	1.66
10386.00	92.10	270.60	8373.08	452.36	-2281.19	2317.67	2325.61	281.22	2.82
10481.00	90.50	270.70	8370.93	453.44	-2376.15	2412.15	2419.03	280.80	1.69
10575.00	90.30	270.90	8370.27	454.75	-2470.14	2505.68	2511.65	280.43	.30
10670.00	91.60	272.30	8368.70	457.41	-2565.09	2600.32	2605.55	280.11	2.01
10765.00	92.10	272.90	8365.63	461.71	-2659.94	2695.05	2699.71	279.85	.82
10860.00	91.50	274.60	8362.65	467.92	-2754.68	2789.89	2794.14	279.64	1.90
10955.00	89.90	274.40	8361.49	475.38	-2849.38	2884.83	2888.76	279.47	1.70
11050.00	91.50	273.90	8360.32	482.25	-2944.12	2979.74	2983.36	279.30	1.76
11145.00	91.40	273.20	8357.92	488.13	-3038.91	3074.58	3077.86	279.13	.74
11240.00	90.40	273.90	8356.43	494.01	-3133.71	3169.45	3172.41	278.96	1.28
11335.00	89.70	272.20	8356.35	499.07	-3228.57	3264.27	3266.92	278.79	1.94
11429.00	89.40	272.30	8357.08	502.76	-3322.50	3358.01	3360.32	278.60	.34
11524.00	90.60	272.90	8357.08	507.07	-3417.40	3452.79	3454.81	278.44	1.41
11619.00	90.40	273.90	8356.25	512.70	-3512.23	3547.65	3549.45	278.31	1.07
11714.00	90.80	273.40	8355.26	518.75	-3607.03	3642.53	3644.14	278.18	.67
11809.00	92.20	274.80	8352.77	525.54	-3701.75	3737.41	3738.87	278.08	2.08
11904.00	91.50	274.80	8349.71	533.48	-3796.37	3832.32	3833.67	278.00	.74
11999.00	91.50	274.40	8347.22	541.10	-3891.03	3927.23	3928.47	277.92	.42
12093.00	91.00	274.10	8345.17	548.06	-3984.75	4021.14	4022.26	277.83	.62
12188.00	90.20	273.70	8344.17	554.52	-4079.52	4116.04	4117.03	277.74	.94
12283.00	90.00	273.70	8344.01	560.65	-4174.32	4210.93	4211.80	277.65	.21
12378.00	90.50	273.70	8343.59	566.78	-4269.12	4305.81	4306.58	277.56	.53
12473.00	91.50	273.00	8341.94	572.34	-4363.94	4400.66	4401.31	277.47	1.28
12568.00	91.00	272.70	8339.86	577.06	-4458.80	4495.44	4495.99	277.37	.61
12663.00	91.20	273.60	8338.04	582.28	-4553.64	4590.26	4590.72	277.29	.97
12757.00	91.70	272.50	8335.66	587.28	-4647.48	4684.06	4684.43	277.20	1.29
12852.00	90.80	272.50	8333.59	591.42	-4742.36	4778.81	4779.10	277.11	.95
12946.00	91.10	272.90	8332.03	595.85	-4836.24	4872.59	4872.81	277.02	.53
13041.00	91.80	273.40	8329.63	601.07	-4931.07	4967.40	4967.57	276.95	.91
13136.00	92.00	274.10	8326.48	607.28	-5025.81	5062.24	5062.37	276.89	.77
13231.00	91.30	274.60	8323.74	614.48	-5120.50	5157.13	5157.24	276.84	.91
13325.00	91.20	274.30	8321.69	621.77	-5214.19	5251.05	5251.13	276.80	.34
13420.00	91.70	273.00	8319.29	627.82	-5308.97	5345.90	5345.96	276.74	1.47
13515.00	89.10	269.20	8318.62	629.64	-5403.92	5440.46	5440.48	276.65	4.85
13610.00	91.30	272.20	8318.29	630.80	-5498.90	5534.96	5534.96	276.54	3.92
13705.00	89.60	272.30	8317.54	634.53	-5593.82	5629.69	5629.69	276.47	1.79
13799.00	88.60	271.80	8319.02	637.89	-5687.75	5723.40	5723.40	276.40	1.19
13894.00	89.60	269.50	8320.51	638.97	-5782.72	5817.89	5817.91	276.31	2.64
Projection to Bit									
13960.00	89.60	269.50	8320.97	638.39	-5848.72	5883.40	5883.45	276.23	.00

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1230 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88241		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date New Well / 10/28/14
⁴ API Number 30 - 015 - 42526	⁵ Pool Name Santo Nino: Bone Spring	⁶ Pool Code 54600
⁷ Property Code 313538	⁸ Property Name Ursa 27 B2IL Federal Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South Line	Feet from the	East/West line	County
L	26	18S	30E		1425	South	903	West	Eddy

II Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
L	27	18S	30E		2073	South	338	West	Eddy
¹² Lse Code F	¹³ Producing Method Code ESP	¹⁴ Gas Connection Date 10/28/14	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	Shell Trading US Co. PO Box 4604 Houston, TX 77210-4604	O
147831	Agave Energy 105 S. 4 th Artesia, NM 88210	G

IV. Well Completion Data

²¹ Spud Date 08/12/14	²² Ready Date 10/28/14	²³ TD 13960'	²⁴ PBTD 13859'	²⁵ Perforations 9427' - 13850'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/4"	380'	400		
12 1/4"	9 3/4"	1682'	500		
8 1/4"	7"	9341	1150		
6 1/4"	4 1/2" Liner	9094' - 13876'	TOL @ 9094'		
	2 3/4"	8149'			

V. Well Test Data

³¹ Date New Oil 10/28/14	³² Gas Delivery Date 10/28/14	³³ Test Date 10/29/14	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 340	³⁶ Csg. Pressure 160
³⁷ Choke Size NA	³⁸ Oil 644	³⁹ Water 643	⁴⁰ Gas 248		⁴¹ Test Method ESP

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Jackie Lathan*
Printed name: Jackie Lathan

Title:
Regulatory
E-mail Address:
jlathan@mewbourne.com

Date: 11/12/14
Phone: 575-393-3905

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: