

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

JAN 15 2020

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45378	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 320047	⁵ Property Name ZEPELIN 32 WOLI STATE COM	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	
		⁶ Well Number 3H
		⁹ Elevation 3098'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
M	32	23S	28E		1105	SOUTH	285	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	23S	28E		1380'	SOUTH	337'	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N: 457396.6 - E: 608120.5
LAT: 32.2572738° N
LONG: 104.1172909° W
BOTTOM HOLE
N: 457650.6 - E: 612830.0
LAT: 32.2579449° N
LONG: 104.1020538° W

CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRASS CAP "1942"
N: 456291.1 - E: 607826.1
B: FOUND BRASS CAP "1969"
N: 461580.5 - E: 607871.0
C: FOUND BRASS CAP "1969"
N: 461574.1 - E: 610550.0
D: FOUND 100D NAIL
N: 461569.8 - E: 613183.9
E: FOUND COTTON SPINDLE
N: 458943.1 - E: 613163.6
F: FOUND YELLOW PLASTIC CAP "ILLEGIBLE"
N: 456301.5 - E: 613156.1
G: FOUND ALUMINUM CAP "5412"
N: 456296.5 - E: 610491.1

¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Jackie Lathan Date: 10/8/19
Printed Name: Jackie Lathan
E-mail Address: _____

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

7-16-18
Date of Survey
Signature and Seal of Professional Surveyor: [Seal]
Certificate Number: 19680
REV: 10/4/18 Name: _____

Job No.: LS1807902

RWP H16-20

STRYKER

DIRECTIONAL

September 6, 2019

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

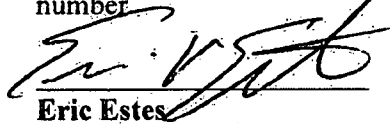
Attn: Jackie Lathan

Re: Mewbourne Oil Company
Zeppelin 32 WOLI State Com #3H
Purple Sage; Wolfcamp (Gas)
Eddy County, New Mexico
API# 30-015-45378

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>
Greg Morris	Original Hole	306ft. to 14,256ft.	06-23-19 to 07-07-19	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\Zeppelin 32 WOLI State Com #3H\191125

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

P.O. Box 1250

Montgomery, TX 77356

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



September 6, 2019

Survey Certification Report

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 June 23, 2019, through July 7, 2019 conduct or supervise the taking of a SEDS Original Hole MWD Survey from a depth of 306feet to a depth of 14,256feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Mewbourne Oil Company, for the Zeppelin 32 WOLI State Com #3H well API # 30-015-45378 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



Stryker Energy Directional Services

Survey Report Landscape



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Zeppelin 32 WOLI State Com 3H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 WOLI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM5000

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100usft)	Northing (usft)	Easting (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	457,398.60	608,120.50	
306.0	0.70	245.50	306.0	-0.8	-1.7	1.9	245.50	0.23	457,395.82	608,118.80	
436.0	2.00	251.20	436.0	-1.8	-4.6	4.9	248.12	1.00	457,394.76	608,115.93	
617.0	0.60	101.40	616.9	-3.0	-6.6	7.3	245.37	1.40	457,393.56	608,113.87	
738.0	0.30	131.50	737.9	-3.4	-5.8	6.7	239.69	0.31	457,393.22	608,114.73	
928.0	0.80	167.20	927.9	-5.0	-5.1	7.1	225.62	0.31	457,391.60	608,115.39	
1,118.0	0.40	171.80	1,117.9	-6.9	-4.7	8.4	214.17	0.21	457,389.65	608,115.78	
1,307.0	0.40	192.00	1,306.9	-8.2	-4.8	9.5	209.98	0.07	457,388.35	608,115.74	
1,495.0	0.40	207.30	1,494.9	-9.5	-5.2	10.8	208.74	0.08	457,387.13	608,115.30	
1,684.0	0.80	121.00	1,683.9	-10.7	-4.4	11.6	202.13	0.46	457,385.86	608,116.13	
1,873.0	1.80	109.90	1,872.8	-12.3	-0.8	12.3	183.51	0.44	457,384.28	608,119.75	
2,061.0	2.00	47.10	2,060.8	-11.0	4.1	11.7	159.44	1.01	457,385.62	608,124.62	
2,251.0	0.70	79.70	2,250.7	-8.5	7.7	11.5	137.91	0.77	457,388.09	608,128.19	
2,439.0	0.80	88.90	2,438.7	-8.3	10.1	13.1	129.26	0.08	457,388.32	608,130.83	
2,464.0	0.70	87.40	2,463.7	-8.3	10.5	13.3	128.34	0.41	457,388.33	608,130.96	
2,543.0	0.50	76.20	2,542.7	-8.2	11.3	13.9	125.92	0.29	457,388.43	608,131.77	
2,669.0	2.10	313.40	2,668.7	-6.4	10.1	12.0	122.48	1.91	457,390.15	608,130.63	
2,764.0	4.10	310.60	2,763.5	-3.0	6.3	7.0	115.82	2.11	457,393.56	608,126.79	
2,954.0	4.10	306.90	2,953.0	5.5	-4.3	6.9	321.74	0.14	457,402.08	608,116.20	
3,143.0	4.10	306.30	3,141.5	13.5	-15.2	20.3	311.73	0.02	457,410.11	608,105.35	
3,331.0	3.60	298.40	3,329.1	20.3	-25.8	32.8	308.24	0.39	457,416.90	608,094.74	
3,521.0	3.90	317.90	3,518.7	27.9	-35.3	45.0	308.32	0.69	457,424.53	608,085.16	
3,710.0	3.90	319.00	3,707.3	37.6	-43.9	57.7	310.57	0.04	457,434.15	608,076.64	
3,900.0	3.60	314.60	3,896.9	46.6	-52.4	70.1	311.68	0.22	457,443.22	608,068.15	
4,089.0	3.30	310.20	4,085.5	54.3	-60.7	81.5	311.80	0.21	457,450.89	608,059.77	
4,278.0	3.30	312.20	4,274.2	61.5	-68.9	92.3	311.73	0.06	457,458.06	608,051.58	
4,467.0	3.10	311.60	4,462.9	68.5	-76.8	102.9	311.75	0.11	457,465.11	608,043.73	



Stryker Energy Directional Services
Survey Report Landscape



Company: Mewbourne Oil Company
Project: Eddy County, N.M. Nad (83)
Site: Section 32-23S-28E Zeppelin 32
Well: Zeppelin 32 WOLI State Com 3H
Wellbore: Original Hole
Design: Original Hole

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well Zeppelin 32 WOLI State Com 3H
3098 + 27 @ 3125.0usft (Patterson 217)
3098 + 27 @ 3125.0usft (Patterson 217)
Grid
Minimum Curvature
EDMS000

Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
4,856.0	3.90	301.20	4,851.6	75.2	-86.1	114.3	311.15	0.54	457,471.83	608,034.41	
4,846.0	3.90	312.90	4,841.1	83.0	-96.3	127.2	310.74	0.42	457,479.57	608,024.15	
5,035.0	3.30	311.20	5,029.8	90.9	-105.1	139.0	310.85	0.32	457,487.53	608,015.35	
5,225.0	2.90	304.00	5,219.5	97.2	-113.2	149.3	310.65	0.29	457,493.82	608,007.25	
5,415.0	4.00	309.60	5,409.1	104.1	-122.3	160.7	310.40	0.60	457,500.73	607,998.16	
5,604.0	4.00	321.20	5,597.7	113.5	-131.5	173.7	310.78	0.43	457,510.07	607,988.95	
5,793.0	3.40	326.10	5,786.3	123.3	-138.8	185.6	311.61	0.36	457,519.86	607,981.69	
5,983.0	3.10	297.50	5,976.0	130.3	-146.5	196.1	311.65	0.86	457,526.91	607,973.99	
6,173.0	4.20	294.00	6,165.6	135.5	-157.4	207.7	310.72	0.59	457,532.11	607,963.08	
6,361.0	4.00	319.90	6,353.1	143.3	-167.9	220.8	310.48	0.98	457,539.93	607,952.57	
6,550.0	3.30	304.10	6,541.8	151.4	-176.7	232.7	310.60	0.65	457,548.02	607,943.82	
6,740.0	2.10	280.40	6,731.6	155.1	-184.6	241.1	310.03	0.85	457,551.72	607,935.86	
6,929.0	3.70	300.30	6,920.3	158.8	-193.3	250.2	309.41	0.99	457,555.42	607,927.19	
7,118.0	3.30	327.30	7,109.0	166.5	-201.5	261.4	309.56	0.89	457,563.08	607,918.99	
7,308.0	3.20	327.90	7,298.7	175.6	-207.3	271.6	310.26	0.06	457,572.17	607,913.21	
7,498.0	2.90	326.10	7,488.4	184.1	-212.8	281.3	310.86	0.17	457,580.65	607,907.72	
7,687.0	3.70	311.80	7,677.1	192.1	-220.0	292.1	311.12	0.60	457,588.68	607,900.50	
7,877.0	2.90	312.10	7,866.8	199.4	-228.1	303.0	311.15	0.42	457,595.99	607,892.37	
8,066.0	4.60	317.50	8,055.4	208.2	-236.8	315.3	311.32	0.92	457,604.79	607,883.70	
8,255.0	3.30	310.50	8,243.9	217.3	-246.1	328.3	311.45	0.73	457,613.91	607,874.44	
8,444.0	4.00	284.10	8,432.5	222.4	-256.6	339.6	310.92	0.95	457,619.05	607,863.91	
8,633.0	3.90	337.30	8,621.1	230.0	-265.5	351.2	310.90	1.87	457,626.58	607,855.03	
8,822.0	2.10	352.50	8,809.9	239.3	-268.4	359.6	311.73	1.03	457,635.95	607,852.10	
8,916.0	0.70	338.20	8,903.8	241.6	-268.8	361.4	311.94	1.52	457,638.19	607,851.66	
9,009.0	0.40	305.20	8,996.8	242.3	-269.3	362.3	311.98	0.46	457,638.90	607,851.19	
9,063.0	0.50	75.30	9,050.8	242.5	-269.2	362.3	312.01	1.51	457,639.07	607,851.26	
9,110.0	5.40	83.30	9,097.8	242.8	-266.8	360.8	312.30	10.44	457,639.38	607,853.66	



Stryker Energy Directional Services
Survey Report Landscape



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Zeppelin 32 WOLI State Com 3H
Project:	Eddy County, N.M., Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 WOLI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM5000

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,157.0	11.50	84.40	9,144.2	243.5	-260.0	356.2	313.13	12.98	457,640.10	607,860.52
9,204.0	17.90	83.20	9,189.7	244.8	-248.1	348.6	314.61	13.63	457,641.41	607,872.37
9,251.0	23.50	83.60	9,233.6	246.7	-231.6	338.4	316.81	11.92	457,643.31	607,888.87
9,298.0	29.10	86.50	9,275.7	248.5	-210.9	325.9	319.67	12.22	457,645.06	607,909.60
9,346.0	33.10	90.10	9,316.8	249.1	-186.1	311.0	323.24	9.19	457,645.75	607,934.37
9,393.0	37.80	89.90	9,355.1	249.1	-158.9	295.5	327.48	10.00	457,645.75	607,981.63
9,441.0	44.00	90.00	9,391.4	249.2	-127.5	279.9	332.91	12.92	457,645.78	607,993.04
9,488.0	48.40	89.30	9,423.9	249.4	-93.5	266.4	339.44	9.42	457,645.99	608,026.95
9,535.0	53.30	89.40	9,453.6	249.8	-57.1	256.2	347.12	10.43	457,646.40	608,063.39
9,582.0	58.10	89.40	9,480.0	250.2	-18.3	250.9	355.82	10.21	457,646.81	608,102.20
9,630.0	62.90	89.20	9,503.7	250.7	23.5	251.8	353.35	10.01	457,647.32	608,143.96
9,677.0	67.30	88.20	9,523.5	251.7	66.1	260.2	347.71	9.56	457,648.29	608,186.57
9,724.0	72.40	87.60	9,539.6	253.3	110.1	276.2	333.50	10.92	457,649.91	608,230.65
9,771.0	76.70	87.70	9,552.2	255.2	155.4	298.8	311.34	9.15	457,651.77	608,275.90
9,819.0	81.10	88.60	9,561.4	256.7	202.5	326.9	38.27	9.35	457,653.29	608,322.97
9,847.0	82.90	89.00	9,565.3	257.3	230.2	345.2	41.82	6.58	457,653.87	608,350.69
9,925.0	89.00	88.30	9,570.8	259.1	307.9	402.4	49.92	7.87	457,655.70	608,428.43
9,957.0	88.70	88.90	9,571.4	259.9	339.9	427.9	52.60	2.10	457,656.48	608,460.42
10,051.0	87.80	89.00	9,574.3	261.6	433.9	506.6	58.91	0.96	457,658.21	608,554.36
10,146.0	89.70	90.20	9,576.4	262.3	528.8	590.3	63.62	2.37	457,658.87	608,649.33
10,240.0	90.50	90.80	9,576.2	261.4	622.8	675.5	67.23	1.06	457,658.05	608,743.32
10,336.0	88.00	90.90	9,577.5	260.0	718.8	764.4	70.11	2.61	457,656.63	608,839.29
10,430.0	87.40	91.00	9,581.3	258.5	812.7	852.8	72.36	-0.65	457,655.07	608,933.20
10,525.0	87.60	90.50	9,585.4	257.2	907.6	943.4	74.18	0.57	457,653.83	609,028.11
10,619.0	86.60	88.00	9,590.2	258.5	1,001.5	1,034.3	75.53	2.86	457,655.05	609,121.97
10,714.0	87.30	87.90	9,595.2	261.8	1,096.3	1,127.1	76.57	0.74	457,658.45	609,216.77
10,809.0	86.80	86.40	9,600.1	266.6	1,191.0	1,220.5	77.38	1.66	457,663.16	609,311.53



Stryker Energy Directional Services
Survey Report Landscape



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well: Zeppelin 32 WOLI State Com 3H
Project:	Eddy County, N.M. Nad (83)	TVD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM5000

Survey:												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	D Leg (°/100usft)	Northing (usft)	Easting (usft)		
10,903.0	89.60	88.50	9,603.0	270.7	1,284.9	1,313.1	78.10	3.72	457,667.34	609,405.37		
10,998.0	89.40	90.30	9,603.9	271.7	1,379.9	1,406.4	78.86	1.91	457,668.34	609,500.36		
11,092.0	88.10	92.00	9,605.9	269.9	1,473.8	1,498.3	79.62	2.28	457,666.45	609,594.31		
11,187.0	88.30	92.00	9,608.9	266.5	1,568.7	1,591.2	80.36	0.21	457,663.14	609,689.21		
11,282.0	87.30	91.50	9,612.6	263.6	1,663.6	1,684.4	80.99	1.18	457,660.24	609,784.09		
11,376.0	88.20	92.70	9,616.3	260.2	1,757.5	1,776.6	81.58	1.59	457,656.80	609,877.95		
11,471.0	89.70	91.50	9,618.0	258.7	1,852.4	1,870.1	82.11	2.02	457,653.32	609,972.87		
11,566.0	88.70	91.40	9,619.3	254.3	1,947.3	1,963.9	82.56	1.06	457,650.91	610,067.83		
11,661.0	87.00	91.30	9,622.9	252.1	2,042.2	2,057.7	82.96	1.79	457,648.68	610,162.73		
11,755.0	87.60	89.70	9,627.3	251.3	2,136.1	2,150.8	83.29	1.82	457,647.88	610,256.62		
11,850.0	88.90	88.40	9,630.2	252.8	2,231.1	2,245.3	83.53	1.93	457,649.43	610,351.56		
11,944.0	90.90	88.20	9,630.4	255.6	2,325.0	2,339.0	83.73	2.14	457,652.22	610,445.51		
12,039.0	87.40	88.40	9,631.8	258.4	2,419.9	2,433.7	83.90	3.69	457,655.04	610,540.45		
12,133.0	85.10	87.00	9,637.9	262.2	2,513.7	2,527.3	84.05	2.86	457,658.80	610,634.16		
12,227.0	86.80	89.70	9,644.6	264.9	2,607.4	2,620.8	84.20	3.39	457,661.50	610,727.88		
12,322.0	88.70	91.80	9,648.3	263.7	2,702.3	2,715.1	84.43	2.98	457,660.25	610,822.78		
12,417.0	88.10	91.30	9,651.0	261.1	2,797.2	2,809.4	84.67	0.82	457,657.68	610,917.71		
12,511.0	87.70	91.00	9,654.4	259.2	2,891.1	2,902.7	84.88	0.53	457,655.80	611,011.63		
12,606.0	91.40	91.40	9,655.1	257.2	2,986.1	2,997.1	85.08	3.92	457,653.81	611,106.59		
12,701.0	89.70	91.00	9,654.2	255.2	3,081.1	3,091.6	85.26	1.84	457,651.82	611,201.56		
12,796.0	90.90	92.40	9,653.7	252.4	3,176.0	3,186.0	85.46	1.94	457,649.00	611,296.51		
12,890.0	88.70	91.20	9,654.1	249.5	3,270.0	3,279.5	85.64	2.67	457,646.05	611,390.46		
12,985.0	89.10	92.00	9,655.9	246.8	3,364.9	3,373.9	85.81	0.94	457,643.40	611,485.40		
13,080.0	84.50	89.70	9,661.2	245.4	3,459.7	3,468.4	85.94	5.41	457,641.99	611,580.21		
13,175.0	85.70	89.30	9,669.3	246.2	3,554.4	3,562.9	86.04	1.33	457,642.81	611,674.86		
13,270.0	86.50	89.30	9,675.8	247.4	3,649.1	3,657.5	86.12	0.84	457,643.97	611,769.63		
13,364.0	87.20	88.40	9,680.9	249.3	3,743.0	3,751.3	86.19	1.21	457,645.86	611,863.47		



Stryker Energy Directional Services
Survey Report Landscape



Company:	Mewbourne Oil Company	Local Co-ordinate Reference:	Well Zeppelin 32 WOLI State Com 3H
Project:	Eddy County, N.M.: Nad (83)	TYD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Site:	Section 32-23S-28E Zeppelin 32	MD Reference:	3098 + 27 @ 3125.0usft (Patterson 217)
Well:	Zeppelin 32 WOLI State Com 3H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	EDM5000

Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TYD (usft)	N/S (usft)	E/W (usft)	Closure Distance (usft)	Closure Azimuth (°)	DLeg (°/100usft)	Northing (usft)	Easting (usft)		
13,459.0	90.40	87.70	9,882.9	252.5	3,837.9	3,846.2	88.24	3.45	457,649.09	611,958.38		
13,554.0	91.30	87.10	9,681.5	256.8	3,932.8	3,941.1	86.26	1.14	457,653.40	612,053.27		
13,648.0	91.80	88.00	9,679.0	260.8	4,026.6	4,035.1	86.29	1.09	457,657.41	612,147.15		
13,743.0	88.80	88.40	9,678.5	263.8	4,121.6	4,130.0	86.34	3.19	457,660.40	612,242.09		
13,838.0	88.50	88.40	9,680.7	266.4	4,216.5	4,224.9	86.38	0.32	457,663.05	612,337.03		
13,933.0	87.20	88.00	9,684.3	269.4	4,311.4	4,319.8	86.42	1.43	457,668.03	612,431.91		
14,027.0	88.30	88.50	9,688.0	272.3	4,405.3	4,413.7	86.46	1.29	457,668.90	612,525.79		
14,122.0	85.10	88.50	9,693.4	274.8	4,500.1	4,508.5	86.51	3.37	457,671.38	612,620.59		
14,217.0	82.20	86.80	9,703.9	278.6	4,594.4	4,602.9	86.53	3.53	457,675.25	612,714.91		
14,258.0	82.50	86.70	9,709.1	280.8	4,633.0	4,641.5	86.53	0.81	457,677.44	612,753.51		
14,325.0	82.50	86.70	9,718.1	284.8	4,701.3	4,709.9	86.53	0.00	457,681.38	612,821.80		

Checked By: _____	Approved By: _____	Date: _____
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COMPANY: Mewbourne Oil Company
 WELL: Zeppelin 32 WOLI State Com 3H
 COUNTY: Eddy County, N.M. Nod (83)
 DATUM: North American Datum 1983
 RIG: Patterson Patterson 217



OFFICE: 936.682.7296

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

GEODETTIC ZONE: New Mexico Eastern Zone
 3098 + 27 @ 3125.0usft (Patterson 217)
 GROUND ELEVATION: 3098.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	457386.80	808120.50	32° 15' 26" 185 N	104° 7' 2.247 W	

PLAN SECTIONS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2600.0	0.00	0.00	2600.0	0.0	0.0	0.00	0.00	0.0	
3	2828.4	3.43	311.86	2828.3	4.6	-5.1	1.50	311.86	-4.8	
4	8732.4	3.43	311.86	8721.7	240.0	-287.9	0.00	0.00	-254.5	
5	8960.8	0.00	0.00	8950.0	244.5	-272.9	1.50	180.00	-256.4	B.B. Zeppelin 32 WOLI St Com 3H
6	9098.6	0.00	0.00	9087.8	244.5	-272.8	0.00	0.00	-256.4	
7	9833.8	88.23	89.89	9565.0	245.4	189.7	12.00	89.89	202.7	
8	14355.7	88.23	89.89	9705.0	254.0	-4709.5	0.00	0.00	4716.3	PBHL Zeppelin 32 WOLI St Com 3H

