



# PHOENIX

TECHNOLOGY SERVICES USA INC.

*Celebrating 20 Years of Focused Solutions*

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

October 19, 2018

Oil Conservation Division  
State of New Mexico  
811 S. First St.  
Artesia, New Mexico 88210

RECEIVED

NOV 26 2018

Dear District 2 - Artesia

DISTRICT II-ARTESIA O.C.D.

Attention: Regulatory Department

Re: Mewbourne Oil  
Fleetwood 36 25 W2NK State Com #2H  
Eddy County, NM  
API #30-015-44966  
Job No. 63718

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced Well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Noe Garza	2H	0	388	10/18/18	10/18/18	Gyro

A certified plat on which the bottom hole location is oriented both to the 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.

Best Regards,

*Brittany Carley*

Brittany Carley  
Operations Administrator

# SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



Company: Mewbourne

Job #: 63718

Well Name: Fleetwood 36 25 W2NK State Com #2H

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44966

## TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

## First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-10-18	0	0	0

## Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-10-18	388	1.86	80.58

## Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.15

Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date: 08-18-18

Print Name: Noe Garza

Signature: \_\_\_\_\_

A handwritten signature in black ink, appearing to be 'Noe Garza', written over a horizontal line.



Company: Mewbourne  
 Well: Fleetwood 36 25 W2NK State Com #2H  
 Location: Eddy Co., New Mexico  
 Rig: Patterson 562

Job Number: 63718  
 Grid Corr.: -0.15  
 Lat: 32.17  
 Long: -104.04

Date: 10-18-18  
 Calculation Method: Minimum Curvature  
 Proposed Azimuth: \_\_\_\_\_  
 RKB - MSL in feet: 28  
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
Enter Tie-In Survey on Line 10					FIELD COPY, NON-DEFINITIVE								
TIE IN	0			0	0	0	0	0					
Gyro	100.00	1.10	90.76	100	99.99	-0.01	0.01 S	0.96 E	0.96	90.76	1.10	1.10	90.76
	200.00	2.03	78.92	100	199.96	0.31	0.31 N	3.66 E	3.67	85.08	0.98	0.93	-11.84
	300.00	2.56	71.20	100	299.88	1.38	1.38 N	7.51 E	7.63	79.62	0.61	0.53	-7.72
	388.00	1.86	80.58	88	387.81	2.24	2.24 N	10.78 E	11.01	78.25	0.89	-0.80	10.66

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

Form C-102  
Revised August 1, 2011  
NM OIL CONSERVATION  
ARTESIA DISTRICT  
District Office

MAY 15 2018  
AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <b>30-015-44966</b>	2 Pool Code <b>98220</b>	3 Pool Name <b>PURPLE SAGE WOLF CAMP GAS</b>
4 Property Code <b>321427</b>	5 Property Name <b>FLEETWOOD 36/25 W2NK STATE COM</b>	6 Well Number <b>2H</b>
7 GRID NO. <b>14744</b>	8 Operator Name <b>MEWBOURNE OIL COMPANY</b>	9 Elevation <b>2945'</b>

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
N	36	24S	28E		270	SOUTH	1720	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
K	25	24S	28E		2310	SOUTH	2150	WEST	EDDY

12 Dedicated Acres <b>480</b>	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

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.

<p>16</p> <p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b> N: 424689.5 - E: 630921.8 LAT: 32.1672182° N LONG: 104.0438143° W</p> <p><b>BOTTOM HOLE</b> N: 432070.2 - E: 631309.3 LAT: 32.1875042° N LONG: 104.0424975° W</p> <p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1942" N: 424420.5 - E: 629204.4</p> <p>B: FOUND BRASS CAP "1942" N: 427089.1 - E: 629182.5</p> <p>C: FOUND BRASS CAP "1942" N: 429757.4 - E: 629159.7</p> <p>D: FOUND BRASS CAP "1942" N: 432425.8 - E: 629159.8</p> <p>E: FOUND BRASS CAP "1942" N: 435093.5 - E: 629159.5</p> <p>F: FOUND BRASS CAP "1942" N: 435083.7 - E: 634519.6</p> <p>G: FOUND BRASS CAP "1942" N: 429765.7 - E: 634490.4</p> <p>H: FOUND BRASS CAP "1942" N: 427097.7 - E: 634495.0</p> <p>I: FOUND BRASS CAP "1940" N: 424428.5 - E: 634500.9</p> <p>J: FOUND BRASS CAP "1940" N: 424419.2 - E: 631848.2</p>	<p>S 89°53'41" E 5361.31'</p> <p>N 00°00'24" W 2668.28'</p> <p>N 00°00'08" W 2668.06'</p> <p>S 00°00'08" W 2668.95'</p> <p>N 00°29'20" W 2668.31'</p> <p>N 00°28'13" W 2668.31'</p> <p>S 89°58'19" E 2644.42'</p> <p>N 89°54'37" E 5331.80'</p> <p>N 00°18'56" E 5319.23'</p> <p>N 00°06'02" E 2668.38'</p> <p>S 00°06'02" E 2668.83'</p> <p>N 00°07'36" W 2669.01'</p> <p>N 89°47'55" E 2653.29'</p> <p>2150'</p> <p>25'</p> <p>2310'</p> <p>B. L.</p> <p>36'</p> <p>1720'</p> <p>270'</p> <p>S. L.</p>	<p>17 OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature <u>Bradley Bishop</u> Date <u>5-15-18</u></p> <p>Printed Name <b>BRADLEY BISHOP</b></p> <p>E-mail Address <b>BBISHOP@MEWBOURNE.COM</b></p> <p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>3-27-18 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19880 Certificate Number</p> <p>ROBERT M. HOWETT NEW MEXICO PROFESSIONAL SURVEYOR 19880</p>
--	--	---

RRC-Job No.: LS1803407