



# PHOENIX

TECHNOLOGY SERVICES USA INC.

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

*Celebrating 20 Years of Focused Solutions*

August 28, 2018

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

Dear District 2 - Artesia

Attention: Regulatory Department

Re: Mewbourne Oil  
Fleetwood 36/25 W0ML State Com 3H  
Eddy County, NM  
API #30-015-44263  
Job No. 63379

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	
Andy Askew	3H	0	400	8/27/18	8/27/18	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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

SEP 24 2018

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# SURVEY CERTIFICATION FORM

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



**PHOENIX**  
TECHNOLOGY SERVICES

Company: Mewbourne

Job #: 63379

Well Name: Fleetwood 36/25 WOML State Com 3H

County/State: Eddy / NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44263

## 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 (°)
2018-08-27	0	0	0

## Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-08-27	400	4.26	64.48

## 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:

8/27/18

Print Name: Andy Askew

Signature:



Company: Mewbourne  
 Well: Fleetwood 36/25 W0ML State Com 3H  
 Location: Eddy Co., NM  
 Rig: Patterson 562

Job Number: 63379  
 Grid Corr.: -0.15  
 Lat: 32.16  
 Long: -104.04

Date: 08-27-18  
 Calculation Method: Minimum Curvature  
 Proposed Azimuth:             
 RKB - MSL in feet: 28.6  
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclina- tion (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	0.13	204.04	100	100.00	-0.10	0.10 S	0.05 W	0.11	204.04	0.13	0.13	204.04
	200.00	2.98	40.26	100	199.96	1.78	1.78 N	1.59 E	2.38	41.78	3.11	2.85	-163.78
	300.00	4.80	59.95	100	299.73	5.86	5.86 N	6.89 E	9.04	49.64	2.23	1.82	19.69
	400.00	4.26	64.48	100	399.41	9.55	9.55 N	13.86 E	16.84	55.43	0.65	-0.54	4.53

**NM OIL CONSERVATION**

ARTESIA DISTRICT

Form C-102  
August 1, 2011

**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 Rd., Aztec, NM 87410  
Phone:(505) 334-6176 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

SEP 24 2018

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Permit 237482

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-44263	2. Pool Code 98220	3. Pool Name PURPLE SAGE;WOLFCAMP (GAS)
4. Property Code 318046	5. Property Name FLEETWOOD 36 25 W2ML STATE COM	6. Well No. 002H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 2944

**10. Surface Location**

UL - Lot M	Section 36	Township 24S	Range 28E	Lot Idn M	Feet From 185	N/S Line S	Feet From 750	E/W Line W	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot L	Section 25	Township 24S	Range 28E	Lot Idn L	Feet From 2310	N/S Line S	Feet From 440	E/W Line W	County EDDY
12. Dedicated Acres 480.00			13. Joint or Infill		14. Consolidation Code			15. Order No.	

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<b>OPERATOR CERTIFICATION</b> <i>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(s) 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.</i>  E-Signed By: Monty Whetstone Title: Vice President Operations Date: 6/9/2017
	<b>SURVEYOR CERTIFICATION</b> <i>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.</i>  Surveyed By: Robert Howett Date of Survey: 4/20/2017 Certificate Number: 19680