



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 20, 2018

RECEIVED

AUG 28 2018

DISTRICT II-ARTESIA O.C.D.

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 1H
Eddy County, NM
API #30-015-44264
Job No. 63283

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	1H	0	404	8/14/18	8/14/18	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 #: 63283

Well Name: Fleetwood 36 25 WOML State Com 1H

County/State: Eddy Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44264

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 (°)
2018-08-14	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-08-14	404	0.98	172.5

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: 08-14-18

Print Name: Noe Garza

Signature: _____

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



Company: Mewbourne
 Well: Fleetwood 36 25 W0ML State Com 1H
 Location: Eddy Co., New Mexico
 Rig: Patterson 562

Job Number: 63283
 Grid Corr.: -0.15
 Lat: 32.17
 Long: -104.05

Date: 08-14-18
 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	0.16	227.92	100	100.00	-0.09	0.09 S	0.10 W	0.14	227.92	0.16	0.16	227.92
	200.00	0.64	289.13	100	200.00	0.00	0.00 S	0.73 W	0.73	269.68	0.58	0.48	61.21
	300.00	0.82	229.36	100	299.99	-0.29	0.29 S	1.81 W	1.83	260.96	0.74	0.18	-59.77
	404.00	0.98	172.50	104	403.98	-1.65	1.65 S	2.25 W	2.80	233.74	0.84	0.15	-54.67

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6181 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) 334-6178 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

Form C-102
August 1, 2011
Permit 237481

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-44264	2. Pool Code 98220	3. Pool Name PURPLE SAGE;WOLFCAMP (GAS)
4. Property Code 318047	5. Property Name FLEETWOOD 36 25 WOML STATE COM	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 2945

10. Surface Location

UL - Lot M	Section 36	Township 24S	Range 28E	Lot Idn M	Feet From 185	N/S Line S	Feet From 800	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 490	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

	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><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></p> <p>E-Signed By: Monty Whetstone Title: Vice President Operations Date: 6/9/2017</p>
	<p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><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></p> <p>Surveyed By: Robert Howett Date of Survey: 4/20/2017 Certificate Number: 19680</p>