



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

December 6, 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 WONK State Com 1H
Eddy County, NM
API #30-015-44965
Job No. 63907

RECEIVED

DEC 12 2018

DISTRICT II-ARTESIA O.C.D.

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	1H	0	402	12/4/18	12/4/18	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

RECEIVED

DEC 12 2018

DISTRICT 11 ARTESIA O.C.D

SURVEY CERTIFICATION FORM



PHOENIX
TECHNOLOGY SERVICES

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

Company: Mewbourne

Job #: 63907

Well Name: Fleetwood 36/25 WONK State Com 1H

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44965

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 (°)
12/4/2018	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
12/4/2018	402	0.82	192.8

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: 12/4/18

Print Name: Andy Askew

Signature:



Company: Mewbourne
 Well: Fleetwood 36/25 WONK State Com 1H
 Location: Eddy Co., NM
 Rig: Patterson 562

Job Number: 63907
 Grid Corr.: -0.15
 Lat: 32.16
 Long: -104.04

Date: 12/04/18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 28.6
 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	0.40	137.77	100	100.00	-0.26	0.26 S	0.23 E	0.35	137.77	0.40	0.40	137.77
	200.00	0.69	173.82	100	199.99	-1.12	1.12 S	0.53 E	1.24	154.42	0.44	0.29	36.05
	300.00	0.87	190.01	100	299.99	-2.46	2.46 S	0.47 E	2.51	169.26	0.28	0.18	16.19
	402.00	0.82	192.80	102	401.97	-3.94	3.94 S	0.17 E	3.94	177.52	0.06	-0.05	2.74

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

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44965	² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP GAS
⁴ Property Code 321426	⁵ Property Name FLEETWOOD 36/25 WONK STATE COM	
⁷ GRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 2945'

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	1750	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 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 424689.5 - E: 630951.8 LAT: 32.1672180° N LONG: 104.0437175° W BOTTOM HOLE N: 432070.2 - E: 631309.3 LAT: 32.1875042° N LONG: 104.0424975° W CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1942" N: 424420.5 - E: 629204.4 B: FOUND BRASS CAP "1942" N: 427089.1 - E: 629182.5 C: FOUND BRASS CAP "1942" N: 429757.4 - E: 629159.7 D: FOUND BRASS CAP "1942" N: 432425.8 - E: 629159.8 E: FOUND BRASS CAP "1942" N: 435093.5 - E: 629159.5 F: FOUND BRASS CAP "1942" N: 435083.7 - E: 634519.6 G: FOUND BRASS CAP "1942" N: 429765.7 - E: 634490.4 H: FOUND BRASS CAP "1942" N: 427097.7 - E: 634495.0 I: FOUND BRASS CAP "1940" N: 424428.5 - E: 634500.9 J: FOUND BRASS CAP "1940" N: 424419.2 - E: 631648.2		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: <i>Bradley Bishop</i> Date: 5-15-18 Printed Name: BRADLEY BISHOP Email Address: BBISHOP@MEWBOURNE.COM 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. 3-27-18 Date of Survey Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> 19680 Certificate Number
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S 89°58'19" E 2644.42'

RRC-Job No.: LS1803405