



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

May 29, 2018

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

Dear District 2 - Artesia

RECEIVED

Attention: Regulatory Department

JUN 1 8 2018

Re: Mewbourne Oil
Oxbow 26/25 W1DA Federal Com 1H
Eddy County, NM
API #30-015-44964
Job No. 62885

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	433	5/27/18	5/27/18	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

SURVEY CERTIFICATION FORM

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



Company: Mewbourne

Job #: 62885

Well Name: Oxbow 26/25 W1DA Federal Com 1H

County/State: Eddy / NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44964

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 (°)
2018-05-27	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-05-27	433	0.86	248.02

Projected TD Survey

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

Grid Correction
-0.14

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:

5/27/18

Print Name: Andy Askew

Signature:

[Signature]



Company: Mewbourne
 Well: Oxbow 26/25 W1DA Federal Com 1H
 Location: Eddy Co., NM
 Rig: Patterson 562

Job Number: 62885
 Grid Corr.: -0.14
 Lat: 32.10
 Long: -104.06

Date: 05-27-18
 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	0.72	238.73	100	100.00	-0.33	0.33 S	0.54 W	0.63	238.73	0.72	0.72	238.73
	200.00	0.64	264.37	100	199.99	-0.71	0.71 S	1.63 W	1.78	246.55	0.31	-0.08	25.64
	300.00	0.84	277.10	100	299.98	-0.67	0.67 S	2.91 W	2.99	257.02	0.26	0.20	12.73
	400.00	1.03	282.48	100	399.97	-0.39	0.39 S	4.52 W	4.53	265.11	0.21	0.19	5.38
	433.00	0.86	248.02	33	432.96	-0.42	0.42 S	5.04 W	5.05	265.29	1.77	-0.52	-104.42

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, Artesia, 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 ARTESIA DISTRICT
1220 South St. Francis Dr.
Santa Fe, NM 87505
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
MAY 11 2018
☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-44964		2 Pool Code 98220		3 Pool Name PURPLE SAGE WOLF CAMP GAS	
4 Property Code 321422		5 Property Name OXBOW 28/25 WIDA FEDERAL COM			6 Well Number 1H
7 GRID NO. 14744		8 Operator Name MEWBOURNE OIL COMPANY			9 Elevation 2955'
10 Surface Location					
UL or lot no. D	Section 26	Township 25S	Range 28E	Lot Idn 440	North/South line NORTH
Feet From the 365		East/West line WEST		County EDDY	
11 Bottom Hole Location If Different From Surface					
UL or lot no. A	Section 25	Township 25S	Range 28E	Lot Idn 440	North/South line NORTH
Feet from the 330		East/West line EAST		County EDDY	
12 Dedicated Acres 640		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.

16 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 402739.8 - E: 624324.9 LAT: 32.1069275° N LONG: 104.0653108° W BOTTOM HOLE N: 402789.0 - E: 634265.7 LAT: 32.1068905° N LONG: 104.0332050° W		CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1940" N: 397852.3 - E: 624033.5 B: FOUND BRASS CAP "1940" N: 400514.8 - E: 623992.5 C: FOUND BRASS CAP "1940" N: 403175.6 - E: 623953.6 D: FOUND BRASS CAP "1940" N: 403205.5 - E: 626823.3 E: FOUND BRASS CAP "1940" N: 403235.7 - E: 629287.8 F: FOUND BRASS CAP "1940" N: 403232.2 - E: 631940.7 G: FOUND BRASS CAP "1940" N: 403228.4 - E: 634593.8		H: FOUND BRASS CAP "1940" N: 400566.8 - E: 634605.1 I: FOUND BRASS CAP "1940" N: 397809.7 - E: 634611.5 J: FOUND BRASS CAP "1940" N: 397921.2 - E: 629351.7 K: FOUND BRASS CAP "1940" N: 400580.5 - E: 629319.6	
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 <u>BRADLEY BISHOP</u> Date <u>1-17-18</u> Printed Name BBISHOP@MEWBOURNE.COM 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. Date of Survey <u>1-12-2017</u> Signature and Seal of Professional Surveyor <u>ROBERT M. HOWETT</u> 19680 Certificate Number Rev: Name/BH 1-12-18					

RRC - Job No.: LS1801035

Rwp 5-11-18