



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

January 9, 2018

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

Oil Conservation
ARTESIA DISTRICT
JAN 16 2018

Dear District 2 - Artesia

RECEIVED

Attention: Regulatory Department

Re: Mewbourne Oil
Fuller 14/11 W2HA Federal 3H
Eddy County, NM
API #30-015-44601
Job No. 62214

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	612	1/9/18	1/9/18	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

JAN 16 2018

SURVEY CERTIFICATION FORM

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



PHOENIX
TECHNOLOGY SERVICES

Company: Mewbourne

Job #: 62214

Well Name: Fuller 14/11 W2HA Federal 3H

County/State: Eddy / NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44601

TIE-IN DATA

0	0	0	0	0	0	Surface

First Survey

2018-01-09	0	0	0

Last Survey

2018-01-09	612	1.71	240.07

Projected TD Survey

0	0	0	0

-0.21

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:

1-9-18

Print Name: Andy Askew

Signature:

Andy Askew



PHOENIX
TECHNOLOGY SERVICES

Company: Mewbourne
Well: Fuller 14/11 W2HA Federal 3H
Location: Eddy Co, NM
Rig: Patterson 250

Job Number: 62214
Grid Corr.: -0.21
Lat: 32.04
Long: -103.94

Date: 01-09-18
Calculation Method: Minimum Curvature
Proposed Azimuth: 29.6
RKB - MSL in feet: Surface
Tie Into: _____

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)		
FIELD COPY, NON-DEFINITIVE												
Enter Tie-In Survey on Line 10												
TIE IN	0			0	0	0	0	0				
Gyro	100.00	0.20	38.18	100	100.00	0.14	0.14 N	0.11 E	0.17	38.18	0.20	38.18
	200.00	0.64	300.93	100	200.00	0.56	0.56 N	0.26 W	0.62	334.87	0.69	262.75
	300.00	1.10	288.75	100	299.99	1.16	1.16 N	1.65 W	2.02	305.02	0.49	-12.18
	400.00	1.53	272.52	100	399.96	1.52	1.52 N	3.89 W	4.18	291.38	0.56	-16.23
	500.00	1.80	252.06	100	499.92	1.10	1.10 N	6.72 W	6.81	279.29	0.65	-20.46
	600.00	1.65	240.43	100	599.87	-0.09	0.09 S	9.47 W	9.47	269.43	0.38	-11.63
	612.00	1.71	240.07	12	611.87	-0.27	0.27 S	9.77 W	9.78	268.42	0.51	-3.00

NM OIL CONSERVATION
ARTESIA DISTRICT

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 **DEC 19 2017**
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44601		² Pool Code 98220		³ Pool Name PURPLE SAGE WOLFCAMP	
⁴ Property Code 320514		⁵ Property Name FULLER 14/11 W2HA FEDERAL			⁶ Well Number 3H
⁷ GRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY			⁹ Elevation 2949'

¹⁰ Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	14	26S	29E		2500	NORTH	435	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	11	26S	29E		330	NORTH	440	EAST	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.

DETAIL "A"

2947.3' 720' 2954.3'

600' S. L.

2948.9' 2953.1'

435'

GEODETIC DATA
NAD 83 GRID - NM EAST
SURFACE LOCATION
N: 379385.9 - E: 661056.2
LAT: 32.0424232° N
LONG: 103.9469525° W
BOTTOM HOLE
N: 386950.6 - E: 661046.5
LAT: 32.0632180° N
LONG: 103.9468963° W

GEODETIC DATA
NAD 27 GRID - NM EAST
SURFACE LOCATION
N: 379328.6 - E: 619870.5
LAT: 32.0422981° N
LONG: 103.9464713° W
BOTTOM HOLE
N: 386892.9 - E: 619861.0
LAT: 32.0630933° N
LONG: 103.9464145° W

CORNER DATA
NAD 83 GRID - NM EAST
A: FOUND BRASS CAP "1940"
N: 376539.9 - E: 656060.1
B: FOUND BRASS CAP "1940"
N: 379229.8 - E: 656067.0
C: FOUND BRASS CAP "1940"
N: 381920.7 - E: 656056.9
D: FOUND BRASS CAP "1940"
N: 384614.1 - E: 656058.2
E: FOUND 1/2" REBAR
N: 387267.1 - E: 656100.2
F: FOUND BRASS CAP "1940"
N: 387281.8 - E: 6561466.2
G: FOUND BRASS CAP "1940"
N: 381882.4 - E: 661489.4
H: FOUND BRASS CAP "1940"
N: 379187.8 - E: 661491.3
I: FOUND BRASS CAP "1940"
N: 376497.1 - E: 661496.5
J: FOUND BRASS CAP "1940"
N: 376518.6 - E: 658778.8
K: FOUND BRASS CAP "1940"
N: 381901.5 - E: 658773.2

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 **BRADLEY BISHOP** Date **8-30-17**

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.

8-14-2017
Date of Survey

Signature and Seal of Professional Surveyor

19680
Certificate Number