



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

October 30, 2017

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

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 16 2017

Dear District 2 - Artesia

RECEIVED

Attention: Regulatory Department

Re: Mewbourne Oil
Fuller 14/23 W2IP Federal 4H
Eddy County, NM
API #30-015-44453
Job No. 61969

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	4H	0	522	10/27/17	10/27/17	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



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TECHNOLOGY SERVICES

Company: Mewbourne

Job #: 61969

Well Name: Fuller 14/23 W2IP Federal 4H

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44453

TIE-IN DATA

0	0	0	0	0	0	Surface

First Survey

2017-10-27	0	0	0

Last Survey

2017-10-27	522	1.09	61.76

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:

10/27/17

Print Name: Andy Askew

Signature:



PHOENIX
TECHNOLOGY SERVICES

Company: Mewbourne
Well: Fuller 14/23 W2IP Federal 4H
Location: Eddy Co., NM
Rig: Patterson 250

Job Number: 61969
Grid Corr.: -0.21
Lat: 32.04
Long: -103.94

Date: 10-27-17
Calculation Method: Minimum Curvature
Proposed Azimuth: 29.2
RKB - MSL in feet: Surface
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')
FIELD COPY, NON-DEFINITIVE													
Enter Tie-In Survey on Line 10													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.66	238.03	100	100.00	-0.30	0.30 S	0.49 W	0.58	238.03	0.66	0.66	238.03
	200.00	1.08	241.01	100	199.99	-1.07	1.07 S	1.80 W	2.09	239.37	0.42	0.42	2.98
	300.00	1.21	237.64	100	299.97	-2.09	2.09 S	3.52 W	4.09	239.30	0.15	0.13	-3.37
	400.00	0.30	211.21	100	399.96	-2.88	2.88 S	4.55 W	5.38	237.66	0.95	-0.91	-26.43
	500.00	0.80	68.20	100	499.95	-2.84	2.84 S	4.03 W	4.93	234.82	1.06	0.50	-143.01
	522.00	1.09	61.76	22	521.95	-2.69	2.69 S	3.71 W	4.58	234.06	1.40	1.32	-29.27

NM OIL CONSERVATION

ARTESIA DISTRICT

NOV 16 2017

Form C-102

Revised August 1, 2011

one copy to appropriate

District Office

District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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

1220 South St. Francis Dr.

Santa Fe, NM 87505

SEP 26 2017

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-44453	2 Pool Code 98220	3 Pool Name PURPLE SAGE WOLFCAMP GAS
4 Property Code 319626	5 Property Name FULLER 14/23 W2IP FEDERAL	6 Well Number 4H
7 GRID NO. 14744	8 Operator Name MEWBOURNE OIL COMPANY	9 Elevation 2950'

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
H	14	26S	29E		2500	NORTH	350	EAST	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
P	23	26S	29E		330	SOUTH	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.

	GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N: 379385.4 - E: 661141.2 LAT: 32.0424207° N LONG: 103.9466780° W BOTTOM HOLE N: 371457.7 - E: 661049.0 LAT: 32.0206291° N LONG: 103.9470671° W	GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N: 379327.8 - E: 619955.5 LAT: 32.0422958° N LONG: 103.9461970° W BOTTOM HOLE N: 371400.3 - E: 619863.1 LAT: 32.0205039° N LONG: 103.9465869° W	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 Printed Name: BBISHOP@MEWBOURNE.COM E-mail Address: Date: 5-9-17 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. 4-13-2017 Date of Survey Signature and Seal of Professional Surveyor: 19680 Certificate Number
	CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1940" N: 371167.4 - E: 656080.2 B: FOUND BRASS CAP "1940" N: 373856.1 - E: 656068.5 C: FOUND BRASS CAP "1940" N: 376539.9 - E: 656060.1 D: FOUND BRASS CAP "1940" N: 379229.8 - E: 656067.0 E: FOUND BRASS CAP "1940" N: 381920.7 - E: 656056.9 F: FOUND BRASS CAP "1940" N: 381901.5 - E: 658773.2 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: 661495.5 J: FOUND BRASS CAP "1940" N: 373802.7 - E: 661493.7 K: FOUND BRASS CAP "1940" N: 371124.3 - E: 661488.2 L: FOUND BRASS CAP "1940" N: 371145.6 - E: 658784.1 M: FOUND BRASS CAP "1940" N: 376518.6 - E: 658778.8		

Job No.: LS1703151

NSP Require (6640)
RUP 9-28-17