



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 13, 2017

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

NM OIL CONSERVATION

ARTESIA DISTRICT

DEC 18 2017

Dear District 2 - Artesia

RECEIVED

Attention: Regulatory Department

Re: Mewbourne Oil
Fuller 14 23 W1P Federal #1H
Eddy County, NM
API #30-015-44451
Job No. 62129

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	615	12/8/17	12/8/17	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



PHOENIX
TECHNOLOGY SERVICES

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

Company: Mewbourne
Well Name: Fuller 14 23 W1P Federal # 1H
Survey Instrument Type: North Seek Rate Gyro

Job #: 62129
County/State: Eddy Co., New Mexico
API # 30-015-44451

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 (°)
2017-12-08	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2017-12-08	615	0.41	230.64

Projected TD Survey

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

Grid Correction
-0.21

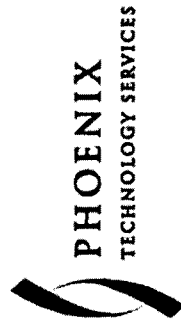
Gyro Operator: Phoenix Technology Services USA Ltd.
Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date: 12-08-17

Print Name: Noe Garza

Signature: _____



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TECHNOLOGY SERVICES

Company:

Mewbourne

Well:

Fuller 14 23 W1IP Federal # 1H

Location:

Eddy Co., New Mexico

Rig:

Patterson 250

Job Number:

62129

Grid Corr.:

-0.21

Lat:

32.04

Long:

-103.95

Date: 12/08/17

Calculation Method: Minimum Curvature

Proposed Azimuth:

29.5

RKB - MSL in feet:

Surface

Tie Into:

Survey Tool Type	Survey Depth (ft)	Inclina- tion (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													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.49	269.80	100	100.00	0.00	0.00 S	0.43 W	0.43	269.80	0.49	0.49	269.80
	200.00	1.26	310.54	100	199.99	0.71	0.71 N	1.69 W	1.83	292.83	0.94	0.77	40.74
	300.00	1.27	294.40	100	299.96	1.88	1.88 N	3.54 W	4.01	298.05	0.36	0.01	-16.14
	400.00	0.52	228.91	100	399.95	2.04	2.04 N	4.89 W	5.30	292.69	1.16	-0.75	-65.49
	500.00	0.35	210.18	100	499.95	1.48	1.48 N	5.38 W	5.58	285.39	0.22	-0.17	-18.73
	600.00	0.40	230.51	100	599.95	1.00	1.00 N	5.81 W	5.89	279.73	0.14	0.05	20.33
	615.00	0.41	230.64	15	614.95	0.93	0.93 N	5.89 W	5.96	278.96	0.07	0.07	0.87

Enter Tie-In Survey on Line 10

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: (375) 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 **NM OIL CONSERVATION**
Energy, Minerals & Natural Resources Department DISTRICT
OIL CONSERVATION DIVISION SEP 26 2017
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44451	² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP GAS
⁴ Property Code 319625	⁵ Property Name FULLER 14/23 W1IP FEDERAL	
⁷ OGRID NO. 14744	⁸ Operator Name MEWBOURNE OIL COMPANY	⁶ Well Number 1H
		⁹ Elevation 2949'

¹⁰ Surface Location

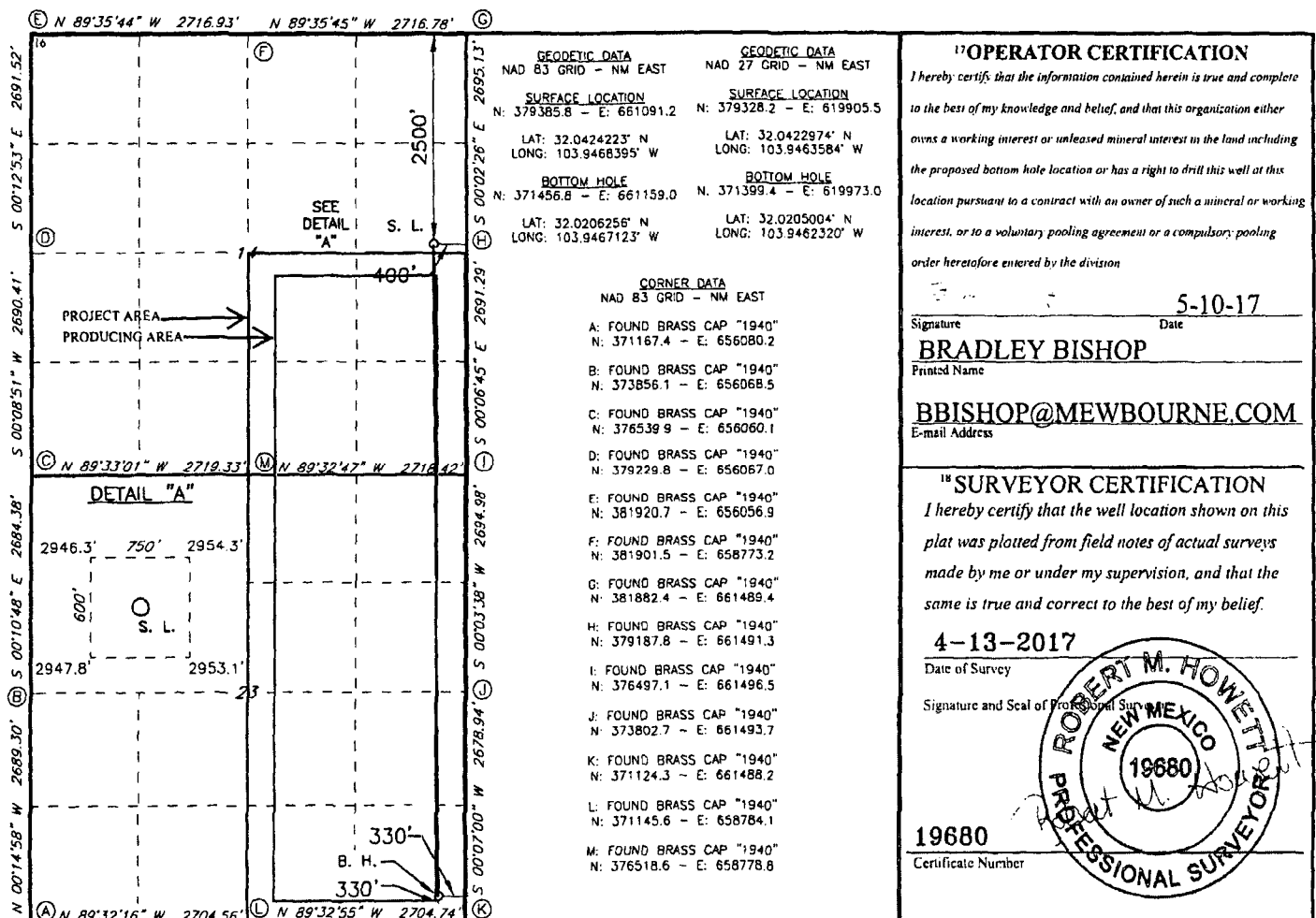
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
H	14	26S	29E		2500	NORTH	400	EAST	EDDY

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	330	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.



Job No.: LS1703149

N/S Required
RNP 9-28-17