



PHOENIX

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

30-025-45008

September 18, 2018

Oil Conservation Division
State of New Mexico
1625 N. French Drive
Hobbs, New Mexico 88240

Dear District 1 - Hobbs

Attention: Regulatory Department

Re: Mewbourne Oil
Bilbrey 34/27 W2PA Fed Com No. 1H
Lea County, New Mexico
API #30-025-45008
Job No. 63519

HOBBS OCD

NOV 26 2018

RECEIVED

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	851	9/17/18	9/17/18	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



PHOENIX
TECHNOLOGY SERVICES

Company: Mewbourne

Job #: 63519

Well Name: Bilbrey 34/27 W2PA Fed Com No. 1H

County/State: Lea Co., New Mexico

Survey Instrument Type: North Seek Rate Gyro

API # 30-025-45008

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 (°)
2018-09-17	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-09-17	851	2.36	216.88

Projected TD Survey

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

Grid Correction
-0.36

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: 09-17-18

Print Name: Noe Garza

Signature: _____



Company: Mewbourne
 Well: Bilbrey 34/27 W2PA Fed Com No. 1H
 Location: Lea Co., New Mexico
 Rig: Patterson 242

Job Number: 63519
 Grid Corr.: -0.36
 Lat: 32.43
 Long: -103.66

Date: 09-17-18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: 28
 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	0.50	37.70	100	100.00	0.35	0.35 N	0.27 E	0.44	37.70	0.50	0.50	37.70
	200.00	0.74	4.67	100	199.99	1.33	1.33 N	0.59 E	1.46	23.72	0.42	0.24	-33.03
	300.00	0.33	57.25	100	299.99	2.13	2.13 N	0.88 E	2.31	22.44	0.60	-0.41	52.58
	400.00	0.29	245.84	100	399.99	2.19	2.19 N	0.89 E	2.36	22.21	0.62	-0.04	188.59
	500.00	0.77	226.46	100	499.98	1.62	1.62 N	0.17 E	1.63	6.14	0.51	0.48	-19.38
	600.00	1.14	219.30	100	599.97	0.39	0.39 N	0.94 W	1.02	292.29	0.39	0.37	-7.16
	700.00	1.53	216.07	100	699.94	-1.46	1.46 S	2.36 W	2.78	238.21	0.40	0.39	-3.23
	800.00	1.79	218.05	100	799.90	-3.77	3.77 S	4.11 W	5.58	227.44	0.27	0.26	1.98
	851.00	2.36	216.88	51	850.87	-5.24	5.24 S	5.23 W	7.40	224.95	1.12	1.12	-2.29

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 30-02-45008		² Pool Code 5695		³ Pool Name BILBREY BASIN BONE SPRING					
⁴ Property Code 322154		⁵ Property Name BILBREY 34/27 B2PA FEDERAL COM						⁶ Well Number 1H	
⁷ OGRID NO. 14744		⁸ Operator Name MEWBOURNE OIL COMPANY						⁹ Elevation 3717'	
¹⁰ Surface Location									
UL or lot no. P	Section 34	Township 21S	Range 32E	Lot Idn	Feet from the 205	North/South line SOUTH	Feet From the 1311	East/West line EAST	County LEA
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. A	Section 27	Township 21S	Range 32E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 500	East/West line EAST	County LEA
¹² Dedicated Acres 320		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.

