



# 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

March 28, 2018

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

**NM OIL CONSERVATION**

ARTESIA DISTRICT

APR 02 2018

**RECEIVED**

Dear District 2 - Artesia

Attention: Regulatory Department

Re: Mewbourne Oil  
Gobbler 5 B2AD State 1H  
Eddy County, NM  
API #30-015-44664  
Job No. 62504

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	377	3/27/18	3/27/18	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



**PHOENIX**  
TECHNOLOGY SERVICES

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

Company: Mewbourne

Job #: 62504

Well Name: Gobbler 5 B2AD State 1H

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-44664

## 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 (°)
2018-03-27	0	0	0

## Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-03-27	377	0.63	202.58

## Projected TD Survey

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

Grid Correction
-0.13

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: 3/27/18

Print Name: Andy Askew

Signature:



Company: Newbourne  
 Well: Gobbler 5 B2AD State 1H  
 Location: Eddy Co., NM  
 Rig: Patterson 250

Job Number: 62504  
 Grid Corr.: -0.13  
 Lat: 32.69  
 Long: -104.08

Date: 03-27-18  
 Calculation Method: Minimum Curvature  
 Proposed Azimuth: 29.2  
 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 N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
Enter Tie-In Survey on Line 10													
FIELD COPY, NON-DEFINITIVE													
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.07	67.40	100	100.00	0.02	0.02 N	0.06 E	0.06	67.40	0.07	0.07	67.40
	200.00	0.26	78.04	100	200.00	0.09	0.09 N	0.33 E	0.35	74.32	0.19	0.19	10.64
	300.00	0.11	173.95	100	300.00	0.05	0.05 N	0.57 E	0.57	85.41	0.29	-0.15	95.91
	377.00	0.63	202.58	77	377.00	-0.42	0.42 S	0.41 E	0.59	135.47	0.70	0.68	37.18

**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 Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 August 1, 2011  
 Permit 247947

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-44664	2. Pool Code 49553	3. Pool Name PALMILLO;BONE SPRING, EAST
4. Property Code 320696	5. Property Name GOBBLER 5 B2AD STATE	6. Well No. 001H
7. OGRID No. 14744	8. Operator Name MEWBOURNE OIL CO	9. Elevation 3411

**10. Surface Location**

UL - Lot A	Section 5	Township 19S	Range 29E	Lot Idn 1	Feet From 1130	N/S Line N	Feet From 205	E/W Line E	County Eddy
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**11. Bottom Hole Location If Different From Surface**

UL - Lot D	Section 5	Township 19S	Range 29E	Lot Idn 4	Feet From 400	N/S Line N	Feet From 330	E/W Line W	County Eddy
12. Dedicated Acres 163.20	13. Joint or Infill			14. Consolidation Code			15. Order No.		

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	<b>OPERATOR CERTIFICATION</b>			
	<i>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(s) 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.</i>			
	E-Signed By:	Monty Whetstone		
	Title:	Vice President Operations		
Date:	2/2/2018			
	<b>SURVEYOR CERTIFICATION</b>			
<i>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.</i>				
Surveyed By:	Robert Howett			
Date of Survey:	1/31/2018			
Certificate Number:	19680			