



# 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

November 21, 2016

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

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

DEC 05 2016

Dear District 2 - Artesia

RECEIVED

Attention: Regulatory Department

Re Mewbourne Oil

West Loving 12 W2EH State Com 1H  
Eddy County, NM  
API #30-015-42852  
Job No. 60541

*plat should reflect actual BHL  
'AS DRILLED' footages as per  
survey. Permit C102*

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               | 8740 | 11/16/16        | 11/16/16 | 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 Oil

Job #: 60541

Well Name: West Loving 12 W2EH State Com 1H

County/State: Eddy/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-015-42852

## TIE-IN DATA

| Measure<br>Depth (ft) | Vertical<br>Depth (ft) | Inclination<br>(°) | Azimuth (°) | N-S<br>Coordinates | E-W<br>Coordinates | Data Source |
|-----------------------|------------------------|--------------------|-------------|--------------------|--------------------|-------------|
| 0                     | 0                      | 0                  | 0           | 0                  | 0                  | Surface     |

## First Survey

| Date       | Depth (ft) | Inclination<br>(°) | Azimuth (°) |
|------------|------------|--------------------|-------------|
| 2016-11-16 | 0          | 0                  | 0           |

## Last Survey

| Date       | Depth (ft) | Inclination<br>(°) | Azimuth (°) |
|------------|------------|--------------------|-------------|
| 2016-11-16 | 8740       | 0.82               | 122.08      |

## Projected TD Survey

| Date | Depth (ft) | Inclination<br>(°) | Azimuth (°) |
|------|------------|--------------------|-------------|
| 0    | 0          | 0                  | 0           |

| Grid<br>Correction |
|--------------------|
| -0.1               |

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:

11-17-16

Print Name: Andy Askew

Signature: