

# NM OIL CONSERVATION

ARTESIA DISTRICT

NMOCB  
JUL 18 2017  
Artesia

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

Form 3160-4  
(August 2007)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMNM01165

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
MEWBOURNE OIL COMPANY

Contact: JACKIE LATHAN  
E-Mail: jlathan@mewbourne.com

8. Lease Name and Well No.  
DERRINGER 18 LI FEDERAL 1H

3. Address  
P O BOX 5270  
HOBBS, NM 88241

3a. Phone No. (include area code)  
Ph: 575-393-5905

9. API Well No.  
30-015-41951-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface Lot 3 1800FSL 150FWL 32.341629 N Lat, 104.071822 W Lon

At top prod interval reported below NWSW 1772FSL 520FWL

At total depth NESE 1809FSL 331FEL

10. Field and Pool, or Exploratory  
RUSSELL-BONE SPRING

11. Sec., T., R., M., or Block and Survey  
or Area Sec 18 T20S R29E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
05/15/2014

15. Date T.D. Reached  
06/16/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
07/15/2014

17. Elevations (DF, KB, RT, GL)\*  
3255 GL

18. Total Depth: MD 12048  
TVD 7691

19. Plug Back T.D.: MD 11987  
TVD 7689

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CCL GR CBL&CNL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade  | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 26.000    | 20.000 J-55 | 94.0        | 0        | 375         | 0                    | 600                          | 205               | 0           | 0             |
| 17.500    | 13.375 H-40 | 48.0        | 0        | 1037        | 0                    | 650                          | 196               | 0           | 0             |
| 12.250    | 9.625 J-55  | 36.0        | 0        | 2966        | 0                    | 1250                         | 397               | 0           | 0             |
| 8.750     | 5.500 P-110 | 17.0        | 0        | 12010       | 0                    | 2050                         | 679               | 0           | 0             |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
|      |                |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation      | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|----------------|------|--------|---------------------|-------|-----------|--------------|
| A) BONE SPRING | 7838 | 11942  | 7838 TO 11942       | 0.420 | 342       | OPEN         |
| B)             |      |        |                     |       |           |              |
| C)             |      |        |                     |       |           |              |
| D)             |      |        |                     |       |           |              |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 7838 TO 11942  | 2000 GALS ACID, 1,040,199 GALS OF SW, 565190 GALS 20# LINEAR, 950,964 GAL 20# XL GEL CARRYING |
|                |   |
|                |   |

28. Production - Interval A

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 07/15/2014          | 07/16/2014           | 24           | →               | 415.0   | 289.0   | 1640.0    | 44.8                  | 0.77        | FLows FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 48/64               | SI                   | 500.0        | →               | 415     | 289     | 1640      | 696                   | POW         |                   |

28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     | SI                   |              | →               |         |         |           |                       |             |                   |

ACCEPTED FOR RECORD

(BIG SCD) DAVID R. GLASS

JUL 03 2017

DAVID R. GLASS

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #256363 VERIFIED BY THE BLM WELL INFORMATION SYSTEM PETROLEUM ENGINEER  
\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED

RECLAMATION DUE:  
JAN 15 2015

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation    | Top  | Bottom | Descriptions, Contents, etc. | Name            | Top         |
|--------------|------|--------|------------------------------|-----------------|-------------|
|              |      |        |                              |                 | Meas. Depth |
| CAPITAN REEF | 1081 | 3192   | WATER                        | TOP SALT        | 529         |
| DELAWARE     | 3192 | 5624   | OIL, WATER, GAS              | RAMSEY          | 751         |
| BONE SPRING  | 5624 | 12048  | OIL, WATER, GAS              | YATES           | 867         |
|              |      |        |                              | CAPITAN REEF    | 1081        |
|              |      |        |                              | DELAWARE        | 3192        |
|              |      |        |                              | BONE SPRING     | 5624        |
|              |      |        |                              | BONE SPRING 1ST | 6907        |
|              |      |        |                              | BONE SPRING 2ND | 7838        |

32. Additional remarks (include plugging procedure):  
Logs will be sent my mail.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #256363 Verified by the BLM Well Information System.**  
**For MEWBOURNE OIL COMPANY, sent to the Carlsbad**  
**Committed to AFMSS for processing by DINAH NEGRETE on 11/13/2014 (15DCN0036SE)**

Name (please print) JACKIE LATHANTitle AUTHORIZED REPRESENTATIVESignature (Electronic Submission)Date 08/08/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***