

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0137
Expires January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NM- Lease Serial No.
NM-830661a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr

Other _____

2. Name of Operator

Mewbourne Oil Company 14744

3. Address

PO Box 5270 Hobbs, NM 88241

3a. Phone No. (include area code)

575-398-5900

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

At surface 1700' FNL & 850' FWL, Unit E Sec 27, T16S, R28E

At top prod. interval reported below 1801' FNL & 651' FWL, Unit F Sec 27, T16S, R28E

At total depth 1976' FNL 331' FEL, Unit H, Sec 27, T16S, R28E

ENTERED

2-9-10

DEC 22 2009

NMOC D ARTESIA

6. If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No. *EW*

Crow Flats 27 Federal #2H

9. API Well No

30-015-36853

10 Field and Pool, or Exploratory

Dog Canyon Wolfcamp 17970

11. Sec., T., R., M., on Block and Survey
or Area Sec 27-T16S-R28E

12 County or Parish

Eddy County

13 State

NM

14. Date Spudded

11/08/08

15 Date T.D. Reached

12/12/08

16. Date Completed

☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

3597' GL

18. Total Depth: MD 10409'
TVD 6651'19. Plug Back T.D.: MD 10395'
TVD 6651'20. Depth Bridge Plug Set: MD NA
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Gyro/ GR/Resistivity

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

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 Sk. & Type of Cement | Slurry Vol (BBL) | Cement Top* | Amount Pulled |
|-----------|-------------|-------------|----------|-------------|------------------------|-----------------------------|------------------|-------------|---------------|
| 17 1/2" | 13 3/8" H40 | 48 | 0 | 367' | | 400 C | 95 | Surface | NA |
| 12 1/4" | 9 5/8" J/N | 36/40 | 0 | 2305' | | 900 C | 258 | Surface | NA |
| 8 3/4" | 5 1/2" P110 | 17 | 0 MD | 10395' MD | FO cementer @ 5965' MD | 950 C | 356 | Surface | NA |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|--------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2 7/8" | 5800' | | | | | | | |

25. Producing Intervals

| Formation | TOP | Bottom | Perforated Interval | Size | No Holes | Perf. Status |
|-------------|----------|-----------|---------------------|------|----------|--------------|
| A) Wolfcamp | 6707' MD | 10409' MD | 7138' to 10380' MD | 4" | 9 | Open |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26 Perforation Record

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

| Depth Interval | Amount and Type of Material |
|------------------|--|
| 7138' -10380' MD | Frac w/877,700 gals gel, 22,500 gals 15% NeFe acid & 180,000# 30/50 white sand |
| | |
| | |

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 |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|----------------------|-------------|-------------------|
| 11/04/09 | 11/29/09 | 24 | → | 66 | 94 | 352 | 43 | 0.780 | Pumping |
| Choke Size | Tbg Press Flwg SI | Csg Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| NA | 75 | 75 | → | 66 | 94 | 352 | 651 | Open | |

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 | Call Press | 24 Hr Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

(See instructions and spaces for additional data on next page)

ACCEPTED FOR RECORD
DEC 21 2009
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C

| 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 | |

28c. Production - Interval D

| 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 | |

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 |
| Yates | 438 MD | | | | |
| Bowers Sand | 983 MD | | | | |
| Queen | 1164 M | | | | |
| San Andres | 1963 M | | | | |
| Glorieta | 3334 M | | | | |
| Tubb | 4468 M | | | | |
| Abo | 5411 M | | | | |
| Wolfcamp | 6707 M | | | | |
| TD | 10409' | | | | |

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

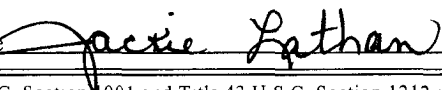
- ☒ 1 Electrical/Mechanical Logs (1 full set req'd) 2 Geologic Report 3 DST Report ☒ 4 Directional Survey
☒ 5 Sundry Notice for plugging and cement verification 6 Core Analysis ☒ 7 Other: Completion sundry, Deviation Report, C104, GYRO

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

Name (please print) Jackie Lathan

Title Hobbs Regulatory

Signature



Date 12/11/09

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