

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Oil Cons.

N.M. DIV-Dist. 2

1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-14768-B

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.

32676

8. Lease Name and Well No.

Alacran Hills 11 Fed Com #1

9. API Well No.

30-015-32674

10. Field and Pool, or Exploratory

Burton Flat Morrow

11. Sec., T., R., M., on Block and Survey
or Area Sec 11-T21S-R27E

12. County or Parish

Eddy County

13. State

NM

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

3255' GL

2. Name of Operator

Mewbourne Oil Company 14744

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-393-5905

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

At surface 1450' FNL & 660' FWL Unit E

At top prod. interval reported below same

At total depth same

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MAY 28 2004

OCD-ARTESIA

14. Date Spudded

03/07/04

15. Date T.D. Reached

04/05/04

16. Date Completed

☐ D&A☒ Ready to Prod.18. Total Depth: MD 11770'
TVD19. Plug Back T.D.: MD 11695'
TVD20. Depth Bridge Plug Set: MD NA
TVD

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

DLL w/Micro, DN w/GR & CBL

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 | 423' | | 450 C | 135 | Surface | NA |
| 12 1/4 | 9 5/8 J55 | 40 | 0 | 2663' | | 1230 H/C | 411 | Surface | NA |
| 8 3/4 | 5 1/2 N80 | 17 | 0 | 11770' | | 900 H | 229 | 7920'TOC | NA |
| | | | | | | | | | 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 | 11254' | 11246' | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | TOP | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------|--------|--------|---------------------|-------|-----------|--------------|
| A) Morrow | 11586' | 11594' | 8' | 0.24" | 32 | Open |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| | |
| | |
| | |
| | |

ACCEPTED FOR RECORD

MAY 26 2004

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 04/17/04 | 04/20/04 | 24 | → | 0 | 750 | 0 | 50 | | Flowing |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well Status | |
| 10/64 | 2225 | 0 | → | 0 | 750 | 0 | 750000 | Producing | |

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)

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.)

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 | 695 | | | | |
| Delaware | 2936 | | | | |
| Bone Spring | 5285 | | | | |
| Wolfcamp | 9128 | | | | |
| Strawn | 10224 | | | | |
| Shale | 10710 | | | | |
| Morrow | 11273 | | | | |
| Barnett | 11629 | | | | |
| TD | 11770 | | | | |

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: Deviation Report and C104

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) NM Young Title Hobbs District Manger

Signature  Date 05/07/04

Title 18 U.S.C. Section 1001 and Title 48 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.

OPERATOR: MEWBOURNE OIL CO
WELL/LEASE: ALACRAN HILLS 11 FED COM 1
COUNTY: EDDY

047-0026

STATE OF NEW MEXICO
DEVIATION REPORT

| | | | |
|-------|-------|--------|-------|
| 233 | 1 | 7,726 | 3/4 |
| 423 | 1 1/2 | 8,226 | 1/2 |
| 893 | 3/4 | 8,707 | 1 |
| 1,371 | 3/4 | 9,206 | 1 |
| 1,594 | 1 | 9,688 | 1 3/4 |
| 1,846 | 1 1/4 | 10,165 | 1 3/4 |
| 2,099 | 2 | 10,665 | 1 1/2 |
| 2,194 | 2 | 11,165 | 1 1/2 |
| 2,321 | 1 1/2 | 11,770 | 1 1/2 |
| 2,478 | 1 1/2 | | |
| 2,663 | 1 3/4 | | |
| 2,969 | 1 1/2 | | |
| 3,251 | 1 | | |
| 3,566 | 3/4 | | |
| 4,041 | 1/2 | | |
| 4,519 | 3/4 | | |
| 4,995 | 1 | | |
| 5,495 | 1 | | |
| 5,728 | 1 | | |
| 5,980 | 1 | | |
| 6,236 | 1 1/2 | | |
| 6,489 | 1 1/4 | | |
| 6,744 | 1 3/4 | | |
| 6,998 | 1 1/4 | | |
| 7,249 | 1 | | |
| 7,476 | 3/4 | | |

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MAY 28 2004

OCC-ARTESIA

By: Steve Moore

STATE OF TEXAS
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 14th day of April, 2004, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

J. Robertson
Notary Public for Midland County, Texas

My Commission Expires: 8/23/2007

