

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 19915. LEASE DESIGNATION AND SERIAL NO.  
NM-83583

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Angel Flat 7 Federal #2

9. WELL NO.

30-015-29343

10. FIELD AND POOL, OR WILDCAT

Angel Ranch Atoka Morrow Gas

11. SEC. T., R. N., OR BLOCK AND SURVEY  
OR AREA

Sec. 7, T20S, R28E

12. COUNTY OR  
PARISH  
Eddy13. STATE  
NM

## 1. TYPE OF WELL:

OIL  
WELL ☐GAS  
WELL ☒DRY ☐

## b. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
CENV. ☐

## 2. NAME OF OPERATOR

Mewbourne Oil Company

## 3. ADDRESS AND TELEPHONE NO.

P.O. Box 5270, Hobbs, NM 88241 (505) 393-5905

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 990' FNL &amp; 2310' FEL

At top prod. interval reported below

At total depth

## 14. PERMIT NO.

## DATE ISSUED

## 15. DATE SPUDDED

3-6-97

## 16. DATE T.D. REACHED

4-3-97

## 17. DATE COMPL. (Ready to prod.)

4-21-97

## 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)\*

3316' GR

## 19. ELEV. CASINGHEAD

3316'

## 20. TOTAL DEPTH, MD &amp; TVD

11,200'

## 21. PLUG, BACK T.D., MD &amp; TVD

11,077'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

## ROTARY TOOLS

X

## CABLE TOOLS

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

L. Morrow

10979' - 10999'

25. WAS DIRECTIONAL  
SURVEY MADE

Yes

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog

Z Density-Neutron

Micro CBL

## 27. WAS WELL CORED

No

## 28. CASING RECORD (Report all strings set in well)

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 13 3/8 H-40       | 48#             | 450'           | 17 1/2"   | Surface - Circ.                 |               |
| 8 5/8 K-55        | 24# & 32#       | 3002'          | 12 1/4"   | Surface - Circ.                 |               |
| 5 1/2 N-80        | 17#             | 11197'         | 7 7/8"    | 3150' - (CBL)                   |               |

## 29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|------|----------------|-----------------|
|      |          |             |               |             |      |                |                 |

## 31. PERFORATION RECORD (Interval, size and number)

10979' - 10999' 4" Casing Gun  
25 pf 40 Holes

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                         |
|---------------------|----------------------------------------------------------|
| 10979-10999         | 2000 Gal. 7 1/2% NEFE w/25%<br>Methanol, 1000 Scf/BBL N2 |

## 33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| 4-21-97               |                 | Flowing                                                              |                         |          |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKED SIZE                                                          | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 5-11-97               | 24              | 14/64                                                                | →                       | 0        | 454        | 21                      | N/A                                |  |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| 140                   | 0               | →                                                                    | 0                       | 454      | 21         | N/A                     |                                    |  |

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

## 35. LIST OF ATTACHMENTS

Logs, Deviation Survey (Please Keep Logs Confidential)

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Production Supervisor

DATE

5/13/97

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (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):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME            | TOP         |                  |
|-----------|-----|--------|-----------------------------|-----------------|-------------|------------------|
|           |     |        |                             |                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Delaware        | 3000'       |                  |
|           |     |        |                             | Bone Spring     | 4360'       |                  |
|           |     |        |                             | 1st Bone Spring |             |                  |
|           |     |        |                             | Sand            | 6070'       |                  |
|           |     |        |                             | 2nd Bone Spring |             |                  |
|           |     |        |                             | Sand            | 6762'       |                  |
|           |     |        |                             | 3rd Bone Spring |             |                  |
|           |     |        |                             | Sand            | 8192'       |                  |
|           |     |        |                             | Wolfcamp Lime   | 8720'       |                  |
|           |     |        |                             | Cisco           | 9420'       |                  |
|           |     |        |                             | Strawn          | 9886'       |                  |
|           |     |        |                             | Atoka           | 10170'      |                  |
|           |     |        |                             | Morrow Lime     | 10380'      |                  |
|           |     |        |                             | Morrow Clastics | 10774'      |                  |
|           |     |        |                             | Lower Morrow    | 10945'      |                  |
|           |     |        |                             | TD              | 11200'      |                  |

6070' - 6762' 2nd Bone Spring Sand

8192' - 8720' Wolfcamp Lime

8720' - 9420' Cisco

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9886' - 10170' Atoka

10170' - 10380' Morrow Lime

10380' - 10774' Morrow Clastics

10774' - 10945' Lower Morrow

10945' - 11200' TD

38.

GEOLOGIC MARKERS