

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995  
LEASE DESIGNATION AND SERIAL NO.

C/SF

N.M. Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

NM 17103

INDIAN, ALLOTTEE OR TRIBE NAME

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR  
Mewbourne Oil Company

3. ADDRESS AND TELEPHONE NO.  
PO Box 5270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
1310' FNL & 1650' FWL  
At top prod. interval reported below  
Same  
At total depth  
Same

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.  
Liberty 25 Federal #1

9. API WELL NO.  
30-015-32204

10. FIELD AND POOL, OR WILDCAT  
Burton Flats Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec.25 T-20S R-28E

12. COUNTY OR PARISH 13. STATE  
Eddy NM

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 02/26/02 16. DATE T.D. REACHED 03/26/02 17. DATE COMPL. (Ready to prod.) 04/13/02 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\* 3250' GL 19. ELEV. CASINGHEAD 3250'

20. TOTAL DEPTH, MD & TVD 11729' 21. PLUG, BACK T.D., MD & TVD 11680' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS All CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*  
11407-421'. Morrow.

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL, DN & 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    |
|-------------------|-----------------|----------------|-----------|------------------------------------------------|------------------|
| 20" H-40          | 94              | 303'           | 26"       | 400 sks Filler & 200 sks 'C'                   | Cement @ Surface |
| 13 3/8" J-55      | 54.5            | 1308'          | 17 1/2"   | 600 sks Filler & 200 sks 'C'                   | Cement @ Surface |
| 8 5/8" J-55       | 32              | 3009'          | 12 1/4"   | 200 sks RFC, 900 sks Filler & 200 sks 'C'      | Cement @ Surface |
| 5 1/2" N & P      | 17              | 11729'         | 7 7/8"    | 425 sks 'H', DV @ 8966', 890 sks & 100 sks 'H' | TOC @ 2700'      |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 7/8" | 11404'         | 11356           |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)  
11407-421'. .35" EHD. 85 holes.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 11407-421'          | None                             |

33. \* PRODUCTION

DATE FIRST PRODUCTION 04/14/02 PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL---BBL. | GAS---MCF. | WATER---BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|------------------------|------------|------------|--------------|---------------|
| 05/01/02     | 24           | 9/64       |                        | 10         | 797        | 1            | 78700         |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL---BBL. | GAS---MCF. | WATER---BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|------------|------------|--------------|-------------------------|
| 2550                | 0               |                         | 10         | 797        | 1            | 52                      |

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

TEST WITNESSED BY  
L. Pounds

35. LIST OF ATTACHMENTS  
Deviation Survey & E-Logs

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

SIGNED

TITLE NM Young District Manager

DATE 05/08/02

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

Title 18 U.S.C. Section 1001, makes 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.

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):

| 38. GEOLOGICAL MARKERS |             |                  | 38. GEOLOGICAL MARKERS |             |                  |
|------------------------|-------------|------------------|------------------------|-------------|------------------|
| NAME                   | TOP         |                  | NAME                   | TOP         |                  |
|                        | MEAS. DEPTH | TRUE VERT. DEPTH |                        | MEAS. DEPTH | TRUE VERT. DEPTH |
| Delaware Sand          | 3027        | 3027             |                        |             |                  |
| Bone Spring            | 5520        | 5520             |                        |             |                  |
| Wolfcamp               | 9020        | 9020             |                        |             |                  |
| Strawn                 | 10202       | 10202            |                        |             |                  |
| Atoka                  | 10647       | 10647            |                        |             |                  |
| Morrow                 | 11162       | 11162            |                        |             |                  |
| Barnett                | 11540       | 11540            |                        |             |                  |
| TD                     | 11729       | 11729            |                        |             |                  |

OPERATOR: MEWBOURNE OIL CO.  
WELL/LEASE: LIBERTY 25 FED. COM. 1  
COUNTY: EDDY

046-0010

STATE OF NEW MEXICO  
DEVIATION REPORT

|       |       |        |       |
|-------|-------|--------|-------|
| 300   | 1     | 7,154  | 1 3/4 |
| 409   | 1/4   | 7,279  | 1 3/4 |
| 502   | 1     | 7,451  | 1 3/4 |
| 596   | 1     | 7,500  | 1 3/4 |
| 689   | 1     | 7,626  | 1 1/4 |
| 782   | 1     | 7,749  | 2     |
| 893   | 1     | 7,874  | 2     |
| 1,003 | 1     | 7,999  | 2 3/4 |
| 1,124 | 1 1/4 | 8,124  | 3 1/4 |
| 1,357 | 1 1/4 | 8,155  | 3     |
| 1,482 | 1/2   | 8,247  | 3     |
| 1,602 | 1 1/4 | 8,341  | 3 1/4 |
| 1,735 | 1 1/2 | 8,437  | 2 3/4 |
| 1,894 | 1 1/2 | 8,530  | 2 1/4 |
| 2,052 | 1 3/4 | 8,623  | 1 3/4 |
| 2,210 | 2     | 8,748  | 1 3/4 |
| 2,368 | 2 1/4 | 8,906  | 2     |
| 2,496 | 1 3/4 | 9,028  | 1 1/4 |
| 2,622 | 2     | 9,186  | 1     |
| 2,717 | 1 3/4 | 9,560  | 3/4   |
| 2,813 | 1 1/2 | 9,936  | 1 3/4 |
| 3,009 | 1     | 10,030 | 1 1/2 |
| 3,159 | 1 1/4 | 10,185 | 3/4   |
| 3,445 | 1 1/4 | 10,447 | 1/2   |
| 3,695 | 3/4   | 10,924 | 1     |
| 4,170 | 1     | 11,725 | 1 1/2 |
| 4,677 | 1     |        |       |
| 5,153 | 1/2   |        |       |
| 5,655 | 3/4   |        |       |
| 6,155 | 1/2   |        |       |
| 6,655 | 1/2   |        |       |

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 3rd day of April, 2002, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

