

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

|                                                                                                                                                               |                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                              | JUL 13 1981                                                                 |
| 2. NAME OF OPERATOR<br>MESA PETROLEUM CO. ✓                                                                                                                   | O. C. D.                                                                    |
| 3. ADDRESS OF OPERATOR<br>1000 VAUGHN BLDG., MIDLAND, TEXAS 79701                                                                                             | ARTESIA, OFFICE                                                             |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.<br>See also space 17 below.)<br>At surface<br>660' FNL & 660' FEL |                                                                             |
| 14. PERMIT NO.                                                                                                                                                | 15. ELEVATIONS (Show whether DF, RT, OR, etc.)<br>3994.9' GR                |
| 6. IF INDIAN ALLOTTEE OR TRIBE NAME                                                                                                                           | 7. UNIT AGREEMENT NAME                                                      |
| 8. FARM OR LEASE NAME<br>BEDFORD FEDERAL                                                                                                                      | 9. WELL NO.<br>2                                                            |
| 10. FIELD AND POOL, OR WILDCAT<br>UNDESIGNATED ABO                                                                                                            | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>SEC. 18, T. 46S, R. 25E |
| 12. COUNTY OR PARISH<br>CHAVES CO                                                                                                                             | 13. STATE<br>NEW MEXICO                                                     |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO:                      |                                               | SUBSEQUENT REPORT                              |                                                 |
|----------------------------------------------|-----------------------------------------------|------------------------------------------------|-------------------------------------------------|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>        | REPAIRING WELL <input type="checkbox"/>         |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>    | ALTERING CASING <input type="checkbox"/>        |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT <input checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) 13 3/8" casing & cement                |                                                 |

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Drilled 17 1/2" hole to 921' on 6-24-81. Ran 23 jts 13 3/8", 48# H-40 casing set at 910'. Cemented with 600 sx HLW + 1# Flocele + 4% CaCl<sub>2</sub>, 250 sx Thixset + 4% CaCl<sub>2</sub>, and tailed in with 200 sx "C" + 2% CaCl<sub>2</sub>. PD @ 2:00 AM 6-25-81. Cement did not circulate. Ran temperature survey - TOC @ 200'. Set two plugs with total of 400 sx Thixset + 4% CaCl<sub>2</sub>. Circulated 10 sx. Reduced hole to 11 1/2" and drilled ahead on 6-26-81. WOC total of 18 hours. Hit brackish water at 986' estimated at 12 bbls/hr.

Cement job witnessed by A. Coke/USGS.

RECEIVED  
JUL - 7 1981  
U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

XC: USGS(3) TLS, ROSWELL, MEC, PARTNERS, FILE

18. I hereby certify that the foregoing is true and correct

SIGNED

R. P. Martin

TITLE

Regulatory Coordinator

DATE

6-26-81

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF

ROGER A. CHAPMAN

APPROVAL, IF ANY:

JUL 7 1981

U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

\*See Instructions on Reverse Side