

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

5. LEASE DESIGNATION AND SERIAL NO.

NM - 36652

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 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.)

RECEIVED

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR MESA PETROLEUM CO ✓

3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface 2280' FSL & 660' FEL

NOV 19 1980

O. C. D.

ARTESIA, OFFICE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

BARN FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

UNDESIGNATED ABO

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SEC 12, T8S, R22E

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4103.8' GR

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

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐  
☐

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Spudding

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐  
☒
(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 any 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.)\*

Spudded well on 11-2-80 with 12 1/4" hole and drilled with air to 992'. Ran 24 jts 8 5/8", 24#, K-55 csg, set @ 991', FC at 908', centralizers on jts 1, 3, 5, and 7.

Cemented with 445 sx HOWCO Lite + 5# gilsonite + 1/4# flocele + 2% CaCl and tailed in with 200 sx "C" + 2% CaCl on 11-6-80. Cement did not circulate. Ran temperature survey after waiting 6 1/2 hours - TOC @ 535'. Tagged cement with 1" tubing @ 560'. Set 15 plugs with 50 sx "C" each plug for total of 750 sx + CaCl + gravel. Circulated cement to surface then nipped up BOP's and blooie line. Pressure test on casing failed. Drilled cement stringers to 979' and spotted 50 sx "C" + 1/4# Flocele + 2% CaCl and squeezed at 500 psi on 11-9-80. WOC 22 hrs and tested BOP's & csg on 11-10-80 at 600 psi for 30 minutes - OK. Reduced hole to 7 7/8" and drilled ahead.

RECEIVED

NOV 14 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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

SIGNED

R. E. Martin

TITLE Regulatory Coordinator

DATE 11-11-80

(This space for Federal or State use only)

XC: USGS (6), TLS, HOBBS OFFICE, CEN RCDS, ACCTG, PARTNERS, MEC, LAND DPT, FILE

APPROVED BY PETER W. CHESTER

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 17 1980

U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

See Instructions on Reverse Side