

N.E.C.D. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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 in a different reservoir.
Use "APPLICATION FOR PERMIT" for such purposes.)

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | | 5. LEASE DESIGNATION AND SERIAL NO. NM - 8436-A | |
| 2. NAME OF OPERATOR MESA PETROLEUM CO. / | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 3. ADDRESS OF OPERATOR 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701 | | 7. UNIT AGREEMENT NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL & 1980' FEL | | 8. FARM OR LEASE NAME DIAMOND MOUND FEDERAL | |
| 14. PERMIT NO. | | 9. WELL NO. 2 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3592.5' GR | | 10. FIELD AND POOL, OR WILDCAT Diamond Mound UNDESIGNATED ATOKA | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 1, T16S, R27E | |
| | | 12. COUNTY OR PARISH EDDY | |
| | | 13. STATE NEW MEXICO | |

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

NOTICE OF INTENTION TO:

| | | | |
|---------------------|--------------------------|----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | PULL OR ALTER CASING | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | MULTIPLE COMPLETE | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | ABANDON* | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | CHANGE PLANS | <input type="checkbox"/> |
| (Other) | | | |

SUBSEQUENT REPORT OF:

| | | | |
|-----------------------|--------------------------|-----------------|-------------------------------------|
| WATER SHUT-OFF | <input type="checkbox"/> | REPAIRING WELL | <input checked="" type="checkbox"/> |
| FRACTURE TREATMENT | <input type="checkbox"/> | ALTERING CASING | <input type="checkbox"/> |
| SHOOTING OR ACIDIZING | <input type="checkbox"/> | ABANDONMENT* | <input type="checkbox"/> |
| (Other) | | | |

(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.)*

Commenced workover to run casing inspection and bring cement up to the intermediate casing on 2-16-81. Spotted 20' of sand on top of production packer at 8786'. Casing log indicated severe corrosion from 2790'---2808', from 3056'---3270', and from 4970'---5270'. Perforated two holes at 5350' (TOC at 5400'), and at 5130'. Testing with packer indicated holes in casing from 3142'---3220'. Set retainer at 4947'. Cemented thru perfs at 5130' with 260 sx LT + 18% salt + 4# gilsonite + 1/4# flocele and 100 sx "C" + 2% CaCl. Set retainer at 3038' and cemented with 480 sx LT + 18% salt + 1/4# flocele + 4# gilsonite and 100 sx "C" + 2% CaCl. Circulated 40 sx to pit. Drilled cement to 5382' and fell free. Reversed sand off production packer. Returned well to production on 2-27-81.

NOTE: Production is from perfs at 8840'---8852'.

XC: USGS (6), TLS, HOBBS, MEC, LAND, PARTNERS, FILE

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

SIGNED

R. E. M... *R. E. M...*

TITLE

REGULATORY COORDINATOR

DATE

MARCH 4, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE

MAR 9 1981

ACCEPTED FOR RECORD

U.S. GEOLOGICAL SURVEY
DOWELL, NEW MEX

*See Instructions on Reverse Side