

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM - 33943

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MELENA FEDERAL

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

WILDCAT

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

SEC 15, T9S, R24E

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

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

660' FNL & 1980' FWL

14. PERMIT NO.

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

3589.9' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) SPUD & 13 3/8" CSG & 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 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 with 17 1/2" hole on 2-9-81 and drilled to 80' on air, hit water and switched to foam. Hit large fresh water flow at 265', estimated at 200 bbls/hour. Drilled with water to 900'. After working thru tight spots, ran 20 jts 13 3/8", 48#, H-40 casing set at 871'. Cemented with 400 sx Lt & 4% CaCl, 100 sx Thixset & 4% CaCl, 450 sx Lt & 4% CaCl and tailed in with 200 sx "C" & 2% CaCl. PD at 11:00 PM 2-12-81. Circulated 120 sx to pit. WOC 17 hours. Reduced hole to 11" and drilled ahead on 2-13-81. Hit water flow at 941', estimated at 500 bbl/hour.

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

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

SIGNED

P. P. [Signature]

TITLE REGULATORY COORDINATOR

DATE FEBRUARY 16, 1981

(This space for Federal or State use)

ACCEPTED FOR RECORD
PETER W. CHESTER

APPROVED BY

CONDITIONS OF APPROVAL

FEB 25 1981

TITLE

DATE

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

*See Instructions on Reverse Side