

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 14986

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

JESS 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 5, T6S, R25E

12. COUNTY OR PARISH

CHAVES

13. STATE

NEW MEXICO

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 ☐ 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

660' FSL & 1980' FEL

MAY 11 1981

14. PERMIT NO.

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

4060.0' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) SPUD, 13 3/8", 8 5/8" & 4 1/2" X
(Note: Report results of multiple completions, Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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 4-17-81. Drilled to 805' and ran 20 jts 13 3/8", 48#, H-40 casing set at 797'. Cemented with 350 sx LT + 4% CaCl, 100 sx Thixset + 4% CaCl, 350 sx LT + 4% CaCl, 100 sx Thixset + 4% CaCl, and tailed in with 200 sx "C" + 3% CaCl. Circulated 150 sx to pit. WOC total of 12 hours. Reduced hole to 11" and drilled ahead on 4-18-81. Drilled to 1625' and ran 50 jts 8 5/8", 24#, K-55 casing set at 1624'. Cemented with 350 sx LT + 4% CaCl, 100 sx Thixset + 4% CaCl, 350 sx LT + 4% CaCl, 100 sx Thixset + 4% CaCl, and tailed in with 300 sx "C" + 3% CaCl. Circulated 150 sx to surface. WOC 8 hours, tested BOP's and casing to 600 psi for 30 min - OK. Reduced hole to 7 7/8" and drilled ahead on 4-19-81. Drilled to TD of 4350' on 4-21-81. Ran 104 jts 4 1/2", 10.5#, K-55 casing set at 4336'. Cemented with 700 sx LT + 10# salt + 1# flocele, and tailed in with 300 sx 50-50 Pozmix + 8# salt + 2% gel + 3/10% CFR-2. Cement did not circulate. TOC @ 100'. Released rig 4-22-81. WOCU estimated to arrive 5-18-81.

XC: USGS (3), TLS, ROSWELL, MEC, PARTNERS, FILE, CEN RCDS, ACCTG, LAND

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

SIGNED

R. E. Nathan

TITLE

REGULATORY COORDINATOR DATE APRIL 24, 1981

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 27 1980

*See Instructions on Reverse Side