

N.M.O.C.D. COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUBMIT IN TRI
(Other instructi
verse side)
CATE*
on re-Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-36643

RECEIVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

AUG 18 1980

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ROCK FEDERAL

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

UNDES ABO

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

SURVEY OR AREA
SEC 18, T8S, R23E

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

990' FNL & 1980' FEL

14. PERMIT NO.

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

4143.2' 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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

& 8 5/8" Csg

(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 12 1/4" hole on 7-26-80. Drilled to 728' on 7-28-80 and ran 19 jts 8 5/8", 24#, K-55 casing, set @ 726'. Cemented with 320 sx HOWCO Lite + 2% CaCl followed by 320 sx Thix-set + 2% CaCl and tailed in with 200 sx "C". Cement did not circulate. Ran temperature survey. TOC at 600'. Ran 1" pipe down annulus to 431' (tagged cement) and set plug #1 with 25 sx "C" + 3% CaCl, tagged cement at 370' and set plug #2 with 25 sx "C" + 3% CaCl, tagged cement @ 340' and set plug #3 with 100 sx "C" + 15 gals pea gravel - no fill, set plug #4 with 50 sx "C" + 15 gals pea gravel + 25# hulls, tagged cement at 310', set plug #5 with 25 sx "C" + gravel and hulls, tagged cement at 270' set plug #6 with 25 sx "C" + gravel & hulls. Set an additional 12 plugs with a total of 375 sx with no fill at 270'. Received verbal permission from Mr. Stewart with USGS - Artesia to fill annulus with redimix on 8-1-80. Filled hole to cellar with 5 yds of redimix and drilled cement and shoe on 8-2-80.

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

SIGNED

R. P. Martin

TITLE

Regulatory Coordinator

DATE 8-6-80

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

XC: USGS (6) TLS, JWH, CEN TCDS, ACCTG, MEC, JBH, FILE, PARTNERS,

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

DATE

AUG 13 1980

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO