

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TWO
(Other instructions
on reverse side)INDICATE
on reverseForm approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM - 27970

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

RECEIVED

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME JAN 08 1981

COYOTE FEDERAL

9. WELL NO.

1

O. C. D.
ARTESIA, OFFICE

10. FIELD AND POOL OR WILDCAT

UNDESIGNATED ABO

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

SEC 5, T7S, R25E

12. COUNTY OR PARISH 13. STATE

CHAVES

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, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

1980' FNL & 660' FEL

14. PERMIT NO.

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

3893.9' 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)

4 1/2" CSG & CEMENT

(NOTE: Report results of multiple completion on 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.)*

Drilled 7 7/8" hole to 4340' with dust, leaking head rubber, mudded up to resume drilling on 12-13-80. Reached TD of 4400' on 12-17-80. Stuck logging tools at 3845'. Resumed logging on 12-18-80. Ran 107 jts 4 1/2", 10.5#, J-55, ST&C casing set at 4399' with FC at 4358' and centralizers on jts 1, 3, 5, 15, 16, 17, and 19. Cemented with 600 sx 1t + 10# salt + 3/4# celloseal followed by 500 sx 50-50 Poz + 8% salt + .75% CF-2 + 3% AF-11. Lost circulation after 900 sx pumped. PD at 9 PM on 12-19-80. Released rig 12-20-80. WOCU estimated to arrive 12-29-80.

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

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

SIGNED

R. E. Mark

TITLE

REGULATORY COORDINATOR

DATE

JANUARY 2, 1981

(This space for Federal or State office use)

PETER W. CHESTER

APPROVED BY

CONDITIONS OF

APPROVAL IN ANY?

JAN 7 1981

TITLE

DATE

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

See Instructions on Reverse Side

N.M.O.C.D. COPY
UNITED STATES
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COYOTE FEDERAL

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10. FIELD AND POOL, OR WILDCAT

Wildcat
UNDESIGNATED ABO11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC 5, T7S, R25E

12. COUNTY OR PARISH 13. STATE

CHAVES

NEW MEXICO

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MESA PETROLEUM CO. ✓

3. ADDRESS OF OPERATOR

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See also space 17 below.)

At surface

1980' FNL & 660' FEL

14. PERMIT NO.

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

3893.9' GR

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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)

Spudding & 13 3/8" CSG

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

X

(NOTE: Report results of multiple completion on Well
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Spudded well with 17 1/2" hole on 12-3-80 and drilled to 62' with air, hit water, switched to foam and drilled to 552'. Stuck 13 3/8" csg at 515'. Cemented with 1" down annulus from 448' with 1060 sx of Class "C" to 230'. Then cemented with 50 gals pea gravel plus 180 sxs "C" to surface. Reduced hole to 11" and drilled ahead on foam on 12-8-80. Ran 42 jts 8 5/8", 24#, K-55 casing set at 1688' as surface casing on 12-10-80. Cemented with 200 sx Thixomont, followed by 200 "C" + 2% CaCl. Circulated 75 sx to surface. WOC total of 11 3/4 hours. Reduced hole to 7 7/8" and drilled ahead on 12-11-80.

Water zones encountered at 62', 400', and 734'.

ACCEPTED FOR RECORD

DEC 18 1980

U.S. GEOLOGICAL SURVEY

BOSWELL, NEW MEXICO

DEC 17 1980
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

XC: USGS (6), TLS, HOBBS OFFICE, CEN RCDS, AOC, CTG, MEC, MAH, PARTNERS, FILE

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

SIGNED

R. P. Markham

TITLE

Regulatory Coordinator

DATE

12-15-80

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE