

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

NM-4312

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pennzoil Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT  
Undesignated North Quail  
Ridge Morrow11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 12, T-19-S, R-33-E

14. PERMIT NO.

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

3776' GL

12. COUNTY OR PARISH

Lea

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

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)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

8 5/8" Casing Report

(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.)\*

- 11-17-79: @ 5205' laying down drill pipe in lime & dolomite. Drilling with brine water with 10# weight. PH 9. Added 4 sacks lime, 19 sacks paper and 20 sacks gel.
- 11-18-79: @ 5205' waiting on cement. Totco at 5200' was 1/2 deg. Ran 124 joints 32# & 24# per foot 8 5/8" casing. Set at 5205'. Cemented with 2500 sacks Halliburton lite and 300 sacks Class 'C' with 2% calcium chloride. Plugged down at 5:30 P.M. on 11-17-79. Circulated 700 sacks.
- 11-19-79: @ 5205' drilling cement. Drilling with fresh water. BOP 1600 psig.
- 11-20-79: @ 5510' drilling in lime & dolomite. Made 305' in last 24 hours. Drilling with fresh water with 8.5# weight. PH 10. Added 20 sacks lime, 20 gal. B27 & 6 sacks paper. Tested formation with 250 #, O.K.
- 11-21-79: @ 5860' drilling in lime. Made 350' in last 24 hours. Totco at 5700' was 1 1/4 deg. Drilling with fresh water with 8.5# weight. PH 9.5. Added 9 sacks paper.
- 11-22-79: @ 6415' drilling in lime. Made 555' in last 24 hours. Totco at 6200' was 1 deg. Drilling with fresh water with 8.5# weight. PH 9.5. Added 9 sacks paper.
- 11-23-79: @ 7030' drilling in lime. Made 615' in last 24 hours. Totco at 6700' was 1/2 deg. Drilling with fresh water with 8.5# weight. PH 9.5. Added 7 sacks paper.

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

SIGNED

TITLE

President

DATE

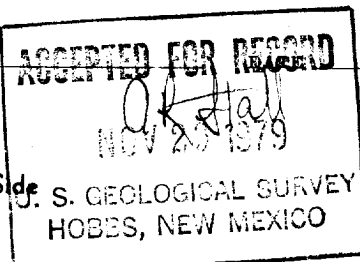
Nov. 23, 1979

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



\*See Instructions on Reverse Side