

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.

1

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

Sec. 1, T-19-S, R-33-E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, CR, etc.)

3,776' 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 COMPLETION

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Progress Report (Completion) X

(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.)\*

9-23-80: SITP 650, blew down immediately, no hydrocarbon gas, ran swab, fluid level 50' from surface, pulled from 1000', recovered 950' black formation water & caught sample, came out of hole, unseated stinger with model "D" packer, displaced produced water from tubing with treated casing fluid by way of kill truck, over displaced 8 bbls., tubing & casing balanced when truck was unhooked, laid down 1 joint of tubing & 1 10' sub, came out of hole with tubing, removed "EL" receptacle, production tubes, latch & slips from seal assembly, redressed seal assembly, went in hole with tubing & seal assembly, stopped 9 stands off bottom, SDFN

9-24-80: Presently coming out of hole; 1st squeeze failed due to Halliburton malfunction, ordered more cement, waited 3 hours for cement, brine & fresh water, respootted cement, stung into packer, pumped 1 1/2 bbls. water per min. when cement hit formation, pressure 5800 psig at 1 bbl. per min., with 6 1/2 bbls. below packer, 6 bbls. into formation, pressure rose to 6000 psig, slowed input rate to 1/4 bbl. per min., with 6 3/4 bbls. into formation, pressure locked up at 6200 psig, waited 6 min., repressured, no movement, pulled out of packer & reversed out 13 bbls. of cement with treated casing fluid, volume measurement checked O.K., started out of hole, pulled 27 stands. SDFN.

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

SIGNED

TITLE President

DATE 10-1-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED

OCT 20 1980

O. F. D.  
ARTESIA OFFICE

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LIBRARY