

May 1978

UNITED STATES  
DEPARTMENT OF THE INTERIOR (Other Instructions on Reverse Side)

## GEOLOGICAL SURVEY

## 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.)

Project Bureau No. 42-E1

5. LEASE DESIGNATION AND SERIAL NO.

NM-7951

6. IF INDIAN, ALLOTTEE OR TRIBE NO.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Leonard Bros.

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Leonard Queen South

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

Sec. 13, T26S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

720 So. Colorado Blvd., Denver, Colorado 80222

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

See also space 17 below.)

At surface

1650' FSL and 990' FEL, Unit I

14. PERMIT NO.

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

2998.2' GL

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\*

(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 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.)

We propose to perforate, acidize, and fracture this well as follows:

1. MIRUPU, pull rods and tubing, and install BOP.
2. TIH with 2-7/8" tubing, 4-5/8" bit and four 3-1/2" drill collars.
3. Drill out to 3586' (original TD = 3595') and reverse circulate.
4. Perforate 1 JSPF from 3526'-44', 3552'-59', and 3563'-76'. (+41 holes).
5. Circulate 15 bbls of 15% HCL, set packer at +3300'.
6. Acidize with 57 bbls of 15% HCL and 90 ballsealers.
7. Fracture with 36,000 gallons of cross-linked gel water with 2% KCL, and 104,000 pounds of 20/40 mesh sand. Shut down overnight.
8. POH with tubing and packer, run production equipment and place well back on production.
9. Clean location of all debris.
10. No additional surface disturbance will be caused by this workover.

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

SIGNED

*A.A. Myers*

TITLE: Div. Production Manager

DATE 1-24-78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JAN 30 1978

O.O. Z

ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side

RECEIVED

JAN 6 1978

OIL CONSERVATION COMM.  
HOBBS, N. M.