

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-7951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR Tenneco Oil Company

8. FARM OR LEASE NAME Leonard Federal

3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 80222

9. WELL NO. 2

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 990' FSL and 2310' FWL, Unit N

10. FIELD AND POOL, OR WILDCAT Leonard Queen South

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T26S, R37E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RL, GR, etc.) 3011.5 DF, 3001 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:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF  PULL OR ALTER CASING  FRACTURE TREAT  MULTIPLE COMPLETE  SHOOT OR ACIDIZE  ABANDON\*  REPAIR WELL  CHANGE PLANS  (Other)

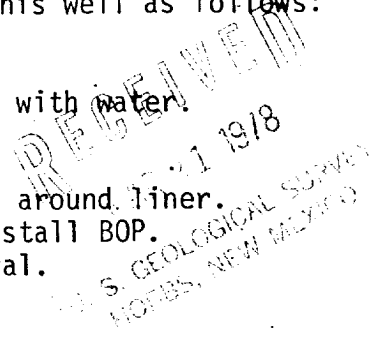
WATER SHUT-OFF  REPAIRING WELL  FRACTURE TREATMENT  ALTERING CASING  SHOOTING OR ACIDIZING  ABANDONMENT\*  (Other)

(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 and 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 deepen, set a liner, perforate, acidize, and fracture this well as follows:

- 1. MIRUPU. Pull and lay down tubing. RDMOPU. Remove flowline.
2. Prepare location for drilling rig, MIRUDR, install BOP, load hole with water.
3. Drill out to 3650 with 6-1/4" bit (present TD 3450).
4. Run DLL/GR and CNL/CDL/GR/CAL.
5. Set 4-1/2", 10.5#, K-55 liner +3150' to 3650'. Cement, circulate around liner.
6. Rig down, move out drilling rig, remove drilling BOP. MIRUPU, install BOP.
7. Run GR/CCL log from PBSD to 3040. Perforate Queen/Penrose interval.
8. Set retrievable packer +3300' on 2-3/8" tubing.
9. Acidize with 5000 gallons 15% HCl with ball sealers.
10. Fracture with 36,000 gallons crosslinked gelled water with 2% KCl with 98,000 pounds 20/40 sand and 6,000 pounds 10/20 sand with ball sealers in 2 stages.
11. POOH with tubing and packer.
12. TIH with prod. string, tag bottom, clean out sand if needed.
13. Set seating nipple at center perms +15 ft.
14. Remove BOP, land tubing, run production equipment, return well to production.
15. Clean location of all debris.
16. No additional surface disturbance will be caused by this workover.



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

SIGNED D.W. Myers

TITLE: Div. Production Manager

DATE 3-14-78

(This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED AS AMENDED MAR 21 1978 A.A.L. ACTING DISTRICT ENGINEER

\*See Instructions on Reverse Side

RECEIVED

MAR 28 1978

OIL CONSERVATION COMM.  
WASH. D. C.