

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(Other instructions on reverse side)

Budget Bureau No. 42-R1424
5. LEASE DESIGNATION AND SERIAL NO.

NM 7951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Leonard Federal

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 11, T26S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

NM

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

990' FSL and 2310' FWL, Unit N

14. PERMIT NO.

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

3001' 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 COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Deepen

(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.)*

RIH to ctn. cmt. from liner. Drld. cmt. in liner from 3215' to 3493'. Ran cbl. Cbl indicated no cmt bond from 3439-3200'. Top of cmt behind 4 1/2" liner @ 3439'. Perf'd Penrose Formation 3433-34 (4 holes) for cmt. sqz. Ran & set 4 1/2" cmt retainer on wire line @ 3428'. RIH w/tubing. Stabbed into retainer. Broke circulation outside 4 1/2" liner. Mixed 25 bbls. of mud pre-flushed 180 cuft of 65% Class "C", 35% POS mix, 4% gel, 2% CaCl. Displaced pre-flush & 14.2 #/gal. cmt. slurry mix w/17-1/2 bbls/water. PO of retainer 6'. Reverse circulated displacement water drilling mud & preflush with total 110 bbls. Observed slight trace/cmt. after reversing 20 bbls. Raised tubing to 3050'. RIH w/bit, drill collars & 2-7/8" tubing & drilled on 4 1/2" cement retainer to 3428'. Completed drilling of cement retainer & tagged bottom @ 3493'. Ran dresser acoustic cement bond log. Cement bond log indicated no cement bondage from 3439' to 3200'. Evidence on bond log indicates 130SX cement used to recement liner not set-up after 18 hours in the cavity. Interval 3420' to 3439'. RIH w/scraper. Tagged top of cmt. fill & debris @ 3488'. POOH. Ran 2-3/8" & 2-7/8" tbg. strg. open-ended. Landed @3458'. Installed bull plug. Rel rig. SD pending pending further evaluation.

This approval of temporary abandonment expires 8-31-79

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

SIGNED

Carley Statten

TITLE: Administrative Supervisor

DATE 8/28/78

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

AC. 2.

SEP 5 1978

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

*See Instructions on Reverse Side

RECEIVED

SEP 5 1979

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

U.S. DEPARTMENT OF JUSTICE