

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
N. M. OIL & GAS COMMISSION
HOBBS, NEW MEXICO 88240

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐ REENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☐ GAS WELL ☐ OTHER ☐ Convert to SWD SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

6800 Park Ten Blvd., San Antonio, Texas 78213

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

660 FNL & 1980' FEL Sec 14, T24S, R32E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approx. 30 mi west of Jal, N.M. on Hwy 128

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

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

22. APPROX. DATE WORK WILL START*

Aug. 10, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
ILLEGIBLE				

- Check pressure under surface plate by using a "Hot Tap". If pressure is safe remove surface plate, have pulling unit and reverse unit rig-up.
- Weld belled nipple 8-5/8" csg x 8-5/8 8RD female thread to surface csg. Attach 8-5/8" 8RD Male x 7-1/16" - 3000 flange. Nipple - up 7-1/16" 3000 psi BOP.
- Drill out plugs at surface, 318' to 378' 1110' to 1200', 1400' to 1500' and 2856' to 2906' with 7-7/8" bit and 4 4-3/4" drill collars. TOH TIH with 4-3/4" bit and 4 3-1/2" drill collars and drill out plugs at 2906' to 2956' and 4880' to 5020'. The casing stub is at 2906'. Be sure to use brine water for drilling and note that there is mud between all plugs. Weight up brine water as necessary during clean out operations.

NOTE: If water is being lost, run 5-1/2" 15#/ft casing before drilling out to TD of 5020'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Robert A. Mathew

TITLE

Production Engineer

DATE

July 28, 1982

(This space for Federal or State office use)

(Orig. Sgd.) **GEORGE H. STEWART**

PERMIT NO.

SEP 23 1982

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NMCD FOR APPROVAL FOR SWD.

DISTRICT SUPERVISOR

RECEIVED
AUG 2 1982

*See Instructions On Reverse Side

OIL & GAS
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

★ U.S. GOVERNMENT PRINTING OFFICE : 1963 - O 711-396

4. Add a sweep of 10 sx Flosal then circulate cuttings out, trip out bit and run casing stub dressing tool.
5. Run 5-1/2" 13.5#/ft casing and casing bowl to fit over the end of the new 5-1/2" casing and inside the old 5-1/2" casing stub.
6. Cut excess casing at surface. Weld on 5-1/2" 8RD male belled nipple. Make up Larkin 5-1/2" OD 8RD female x 2" type K tbg head (w/2" side outlets).
7. Run bit to drill out bottom plug to TD of 5020' if not done in step 2. NU 7-1/16" 3 M BOP to Larkin adaptor flange.
8. Run correlation log (CR-CLL). TIH with tbg. spot 200 gal. acid. TOH. RIH with 4" casing gun and perforate 4970'-4982'. 4 JSPT, premium charge, .5" holes, 90° phasing, total of 48 perforations.
9. Run in tubing string and injection packer. Displace hole w/2% KCL wtr. and appropriate corrosion chemicals. Set packer @ 4900'. ND BOP. NU tree.
10. Run swab test and evaluate.
11. Put well on injection.