

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐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.)

At surface

1980' FSL & 2310' FWL

At proposed prod. zone

Same

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

1 1/2 Miles SE of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

NA

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

3557.9' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------------|
| 17 1/2" | 13 3/8" | 54.5# K55 | 600' | Circulate to Surface |
| 12 1/4" | 8 5/8" | 32# K55 | 4100' | Circulate to Surface |
| 7 7/8" | 5 1/2" | 17# N-80 | 12800' | 1000' Above shallowest |
| 24" | 20" | | 40' | Probable Productive Zone |

1. Set and cement 20" conductor 40' BGL w/R-Hole Machine.
2. WIRU Rotary Rig. Drill 17 1/2" Hole + 600'.
3. Run, Set, CMT. 13 3/8" CSG. Recement w/1" pipe if necessary, WOC 8 Hrs. Minimum.
4. Install 13 3/8" x 13 5/8" 3M type 'S' Sow Head. Top Flange To Be 30" BGL.
(Head Will Not Be Recovered for Reshopping). Test Same to 50% of CSG collapse.
5. NU BOP's Test Same to 1000psi.
6. Drill 12 1/4" Hole to + 4100' (San Andres). Run O/H Log.
7. Run, Set, CMT 8 5/8" CSG. Recement w/ 1" pipe if necessary, WOC 8 HRS. Minimum.
8. Install 13 5/8" 3Mx11" 5M Type 'SF' CSG Head spool, Test Same to 50% of CSG Collapse.
9. NU BOP's and Choke Manifold. Test Same to 3500 psi. Hydril to 1500.
10. P/U 7 7/8 Bit, RIH, & Test CSG. To 1500 psi Prior To Drilling F/C.

(Over)

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.

SIGNATURE

TITLE Division Drilling Engineer

DATE

(This space for Federal or State office use)

PERMIT NO.

(Fig. 8-1) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

MAY 8 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR30-015-23781
0309371-A
NM-0309371A

5. LEASE DISTRICT AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

HJ-13-Fed Com

9. WELL NO.

O. C. D.

10. FIELD AND POOL, OR WILDCAT

Lusk Morrow

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREAUt. K
Sec. 13, T19S, R31E

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico

RECEIVED
MAY 4 1981
OIL & GAS
SURVEY
U.S. GEOLOGICAL SURVEY
NEW MEXICO16. NO. OF ACRES IN LEASE
40 AC.17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

19. PROPOSED DEPTH

12800'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

June 15, 1981

POSTED ID-1
ADDITIONAL
5-8-81