

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-015-24914

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Form C-101
Revised 10-1-78

5A. Indicate Type of Lease

STATE ☒ FCC ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State JL 36	
c. Name of Operator Tenneco Oil Company		9. Well No. 2	
d. Address of Operator 7990 IH 10 West, San Antonio, TX 78230		10. Field and Pool, or Wildcat Underside Leo Queen, So. Grayburg	
e. Location of Well UNIT LETTER N LOCATED 1980660 FEET FROM THE West South LINE 1980 550 FEET FROM THE South LINE OF SEC. 36 TWP. 18S RGE. 29E NMPM		12. County Eddy	
19. Proposed Depth 2900		19A. Formation Grayburg	
20. Rotary or C.T. Rotary		21. Drilling Contractor	
22. Approx. Date Work will start 15 July 1984		23. Elevations (Show whether DF, FT, etc.) 3427 GL	
24A. Kind & Status Plug. Bond Blanket		25. Proposed Casing and Cement Program	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4	8 5/8	24 lb.	300'	190	Surf.
7 7/8	5 1/2	15.5 lb.	2900'	427	Surf.

1. Construct suitable location. Reserve pits, working pits, rat hole, mouse hole, cellar may be provided by operator or drilling contractor, and will be determined in conjunction with selection of drilling contractor/rig.

2. MIRU. Drill 12 1/4" hole to 300' +/- . BHA: Slick

3. CCM to run casing. SLM out of hole. Set 8 5/8" casing in full compression at 300 +/- . Run casing, cement and centralize.

4. WOC 12 hours. Cut off 8 5/8" casing. Install (See Note #1) wellhead. test well to 680 psi (1/2 of csg. collapse strength for SOW heads).

Continued on back of page.

Minimum WOC time/E hrs.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-5-85
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Drilling Engineer Date 28 June 1984
(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE JUL 05 1984
CONDITIONS OF APPROVAL, IF ANY:

Post APP
82-1-2704
7-6-84

5. NU following BOPE: 3M Double Ram BOPE (pipe on BTM. - Blinds on top) Test to 1500 PSIG when testing casing.
6. PU 7 7/8 bit and following BHA: Slick
RIH to top of float collar. Test casing to 1000 psi for 30 minutes. Test is satisfactory if pressure does not decrease more than 10% of test pressure by end of test. Record test on IADC Report and include details in daily drilling report to TOC SWD. Insure compliance with State of NM Rule 107 before testing and drilling out.
7. Drill 7 7/8" hole to +/- 2900. Log, core, as outlined in step 8 and per GE.
8. Will shoot sidewall cores in the Penrose @ 2463'.
9. RIH w/DP and bit to TD. CCM to run 5 1/2" casing, or to P & A. If well is to be P & A'd, RIH open - ended and set cement plugs in accordance with regulatory agency instructions. Also, if P & A's, set EZSV-type cement retainer approximately 50' above last casing show and place 50 sacks of cement below and above retainer.
10. If not P & A'd, set 5 1/2" production casing at 2900'. Run casing, cement and centralize. Fill casing every 20 joints while running in hole. Set full casing weight on slips. Check float equipment operation.
11. C.O. casing. ND BOPE and install (See Note 2 below) tubing head. Test to 1500 psi. NU dry hole tree. Release rig.

NOTES: 1. 8 5/8" x 11" 3M SOW csg. head w/2 - 2" LP0, 1-solid bull plug & 1-3M ball valve.

2. 11" x 7 1/16" 3M tbgr. head w/2 - 2" LP0, 1-solid bull plug & 1-3M ball valve.

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