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SANTA FE, NEW MEXICO 87501

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O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

State JL 36

9. Well No.

6

Field and Pool, or Wildcat
So. Leo 7R/QN/Gb/SA

12. County

Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
Type of Well	OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
Name of Operator	Tenneco Oil Company
Address of Operator	7990 IH 10 West, San Antonio, Texas 78230
Location of Well	UNIT LETTER M LOCATED 660 FEET FROM THE south LINE 660 FEET FROM THE west LINE OF SEC. 36 TWP. 18S RGE. 29E NMDM
19. Proposed Depth	2900'
19A. Formation	Grayburg
20. Rotary or C.T.	Rotary
Elevations (Show whether DT, RT, etc.)	3436.6' GR
21A. Kind & Status Plug. Band	Blanket
21B. Drilling Contractor	Salazar Bros.
22. Approx. Date Work will start	2/15/85

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	300'	200 sxs Class C	surface
7 7/8"	5 1/2"	15.5	2900'	122 sxs Hoco Lite & 200 sxs Class C	surface

- 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.
- MIRU. Drill 12 1/4" hole to 300' +/- . Plan to dry drill from 80' +/- to 300'. 30 loads FW @ start. Beware washouts/cave-in around substructure.
- CCM to run casing. SLM out of hole. Set 8 5/8" casing in full compression at 300 +/- . Run casing, cement and centralize as per above casing & cementing program.
- WOC 18 hours. Cut off 8 5/8" casing. Install See Note #1 wellhead.
- NU following BOPE: 3M Double Ram BOPE (pipe on BTM.-Blinds on top) Test to 1000 PSIG when testing casing.

CONTINUED ON BACK OF PAGE

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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 Ladell Collier Title Geological Engineer Date 1/22/85

(This space for State Use) Original Signed By
Mike Williams
Oil & Gas Inspector

JAN 31 1985

APPROVED BY _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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, as per G.E.
8. 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.
9. If not P&A'd, set 5 1/2" production casing @ 2900'. Run casing, cement and centralize as per attached casing and cementing program. Fill casing every 20 joints while running in hole. Set full casing weight on slips. Check float equipment operation
10. 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 10 3/4" 3M Larkin Fig. 92 w/2 - 2" LPO, 1-solid bull plug
1- 3M ball valve.

2. 5 1/2" x 2 3/8" 3M Larkin Type R w/2 - 2" LPO, 1-solid bull plug & 1- 4
ball valve.