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NEW MEXICO OIL CONSERVATION COMM ON

30-043-21700

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name State LF-30	
2. Name of Operator Tenneco Oil Company		9. Well No. #2	
3. Address of Operator 6800 Park Ten Boulevard, San Antonio, Texas 78213		10. Field and Pool, or Wildcat Undesignated South Kemnitz Atoka Morrow (W&A)	
4. Location of Well UNIT LETTER <u>H K</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1480</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>30</u> TWP. <u>16S</u> RGE. <u>34E</u> NMPM		12. County Lea	
19. Proposed Depth 13,300 feet		19A. Formation Morrow	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) GL 4143.1	
21A. Kind & Status Plug Bond Blanket - #248-074		21B. Drilling Contractor TOT #3	
22. Approx. Date Work will start July, 1981		23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8" new	54.5#K-55 STC	350 feet	Cmt. to Circ.	
12 1/4"	9 5/8" new	40# K-55 STC	4500 feet	Cmt. to Circ.	
8 1/2"	5 1/2" new	17# S-95 LTC	1000 feet		
		17# N-80 LTC	11000 feet	Cmt. to top 8900'	
		L7# S-95 LTC			

- Set 40' of 20" conductor w/ rathole machine.
- Drill 17 1/2" hole to + 350'.
- Run, set cmt. 13 3/8" csg., recement w/ 1" pipe if necessary.
- Install 13 3/8" x 13 5/8" 3M type "WF" SOW & NU BOPS, tst. same to 500 psi.
- Drill 12 1/4" hole to + 4500 (i.e. San Andres).
- Run, set, cmt. 9 5/8" csg. recement w/ 1" pipe if necessary.
- NU 13 5/8 - 3M x 11" - 5M csg. spool. Test same to 1/2 csg. collapse, NU BOPS & choke manifold, tst. same.
- PU 8 1/2" bit, tst. csg. to 1500 psi prior to drlg. FC.
- Drill 8 1/2" hole to 13,300'.
- Log hole, run 5 1/2 csg. or P&A.
- NU 11" 5M x 7 1/6" 5M Type "N" Tbg. Hd., tst same to 1/2 csg. collapse, install blind flanges or cover plate.

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. 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 Ante Gray Title Production Analyst Date 6-8-81

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 1 DATE 6-17-1981

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/17/81
UNLESS DRILLING UNDERWAY