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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" 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 DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> 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 Merrell	
2. Name of Operator Tenneco Oil Company		9. Well No. 2	
3. Address of Operator P. O. Box 1031, Midland, Texas 79701		10. Field and Pool, or Wildcat Undesignated	
4. Location of Well UNIT LETTER E LOCATED 1830 FEET FROM THE north LINE AND 660 FEET FROM THE west LINE OF SEC. 10 TWP. 9S RGE. 36E NMPM		12. County Lea	
19. Proposed Depth 9950		19A. Formation Bough "C"	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4049.7 GR	21A. Kind & Status Plug. Bond In Effect	21B. Drilling Contractor McVay Drilling Co.	22. Approx. Date Work will start August 8, 1970

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"	48#	350	Sufficient to	circulate
11"	8-5/8"	32# & 24#	4150±	Sufficient to	2000'
7-7/8"	5-1/2"	17#	9950	Sufficient to	8600'

Propose to drill 17-1/2" hole to 350' KDB. Run and circulate cement on 13-3/8" casing. Pressure test casing to 600 psi. WOC 24 hours, drill 11" hole to approximately 4150' KDB. Run 8-5/8" intermediate casing and bring cement to 2000'. Pressure test to 1000 psi for 30 minutes. WOC 24 hours and drill 7-7/8" hole to approximately 9950' KDB. Run 5-1/2" casing and bring cement back to 8600'. Test casing to 1000 psi and WOC 24 hours.

THE COMMISSION MUST BE NOTIFIED
24 HOURS BEFORE RUNNING 13-3/8"
CASING

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES Nov. 2, 1970

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 Carley Watkins Title Senior Production Clerk Date 8-3-70

(This space for State Use)

APPROVED BY John W. Runyan TITLE Commissioner DATE 8-1970

CONDITIONS OF APPROVAL, IF ANY:

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1980-1970

ON CONFIDENTIALITY
1980-1970