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NEW MEXICO OIL CONSERVATION COMMISSION

30-015-22957
Form C-101
Revised 1-1-65

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JUL 5 1979

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. B-9739
7. Unit Agreement Name N/A
8. Farm or Lease Name State HL11
9. Well No. 2
10. Field and Pool, or Willcat Undesignated X Turkey Track Morrow
12. County Eddy
19. Proposed Depth 11,800
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether D.P., R.T., etc.) 3374 GR
21A. Kind & Status Plug. Bond Blanket #248-074
21B. Drilling Contractor -----
22. Approx. Date Work will start as soon as approved

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>
2. Name of Operator Tenneco Oil Company ✓
3. Address of Operator 6800 Park Ten Blvd. Suite 200 North San Antonio, TX 78213
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>11</u> TWP. <u>19S</u> RGE. <u>29E</u> NMPM
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	48# H-40 ST&C	300'	cement to circulate	
11"	8-5/8" new	32# K-55 ST&C	2,800'	Cement to circulate	
7-7/8"	5-1/2" new	17# N-80 LT&C	2,400'	cement top will be 8,600'	
		15.5# K-55 LT&C	7,400'		
		17# K-55 ST&C	10,600'		
		17# N-80 LT&C	11,800'		

1. Drill 17-1/2" hole and set 13-3/8" surface casing to 300' (just above the salt) and cement w/good returns.
2. Log B.O.P. checks in daily drill reports and drill 7-7/8" hole to 11,800'.
3. Run tests if warranted and run 5-1/2" casing if productive.
4. Run logs, as needed, and perforate and stimulate as needed.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 10/6/79

Gas is not dedicated

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 F.R. Bell Title Staff Production Analyst Date 7/2/79

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JUL 6 1979

CONDITIONS OF APPROVAL, IF ANY: