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NEW MEXICO OIL CONSERVATION COMMISSION

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JUL 23 1981

O. C. D.
ARTESIA, OFFICE

30-015-23878

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. E-742
7. Unit Agreement Name
8. Farm or Lease Name State KL 17 Com
9. Well No. 1
10. Field and Pool, or Wildcat Und. S. Empire Morrow
12. County Eddy
19. Proposed Depth 10,810'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3612.4 GL
21A. Kind & Status Plug. Bond Blanket - #248-074
21B. Drilling Contractor Parker #34
22. Approx. Date Work will start August 21, 1981

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"/>
2. Name of Operator Tenneco Oil Company
3. Address of Operator 6800 Park Ten Bl, San Antonio, TX 78213
4. Location of Well UNIT LETTER N LOCATED 1980 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE OF SEC. 17 TWP. 17S RGE. 29E NMPM
19. Proposed Depth 10,810'
19A. Formation Morrow
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3612.4 GL
21A. Kind & Status Plug. Bond Blanket - #248-074
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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'	385	Circ to surface
12-1/4"	9-5/8" New	36# K-55 STC	2600'	826	Circ to surface
8-1/2"	5-1/2" New	17# N-80 LTC	10810'	650	Top @ 8300'.

- Set \pm 40' of 20" conductor w/Rathole machine.
- MIRU rotary rig. *gas is dedicated*
- Drill 17 1/2" hole to \pm 350'.
- Run & cement 13-3/8" 54.5# K-55 ST&C csg. (Notify proper agency before running csg.)
Cir. Cement to surface. Run cement baskets if necessary.
- Cut off conductor & 13-3/8" Csg. weld on 13-3/8" SOW 3000# type "S" csg. hd. Test weld to 50% of csg. collapse (Approx. 575 psi)
- NU 13-5/8" 5M BOPs. Test BOPs to 1000 psi w/rig pump and fresh water. (RU Mud Logger before \emptyset out)
- Drill 12 1/4" hole to 2600'. Set 9-5/8" csg. cement to surface.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 1-28-82

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 Aita Gray Title Production Analyst Date July 21, 1981

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT 11 DATE JUL 28 1981

CONDITIONS OF APPROVAL, IF ANY:

must be communitized prior to producing

Notify this office immediately if water flow is encountered

8. ND BOPs. NU 13-5/8" - 3000# X 11" -5000# WKM type "SF" csg. head spool. Test spool to 1250 psi.
9. NU 10" - 5M BOP or 13-5/8" - 5M BOP (Note: 13-5/8" will require a DSA in order to NU)
Test Hydril to 2500 psi. Test Rams & Manifold to 5000 psi. Test csg. to 1500 psi before
Ø out.
10. Drill 8½" hole to 10810'.
11. Log as directed by Geologist.
12. If productive, Run 5½" csg.

Gas is dedicated.