

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

30-075-23413

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <u>Water injection</u> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name	
2. Name of Operator <u>Tenneco Oil Company</u>		8. Farm or Lease Name <u>Mesa Queen Unit</u>	
3. Address of Operator <u>Box 1031, Midland, Texas 79701</u>		9. Well No. <u>25</u>	
4. Location of Well UNIT LETTER <u>871</u> LOCATED <u>1650</u> FEET FROM THE <u>West</u> LINE AND <u>990</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>16</u> TWP. <u>16-S</u> RGE. <u>32-E</u> NMPM		10. Field and Pool, or Wildcat <u>Mesa Queen</u>	
		12. County <u>Lea</u>	
		19. Proposed Depth <u>3470</u>	
		19A. Formation <u>Queen</u>	
		20. Rotary or C.T. <u>Rotary</u>	
21. Elevations (Show whether DF, RT, etc.) <u>4345 GL</u>		21A. Kind & Status Plug. Bond <u>N/A</u>	
		21B. Drilling Contractor <u>Hasn't been selected</u>	
		22. Approx. Date Work will start <u>on approval</u>	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	385	200	Circ.
7-7/8"	4-1/2"	10-1/2#	3470	275	2000'

We propose to drill 11" hole to 385, run in cement 8-5/8" 24# J-55 csg. to 385 and cement with sufficient Class H cement w/2% CaCl₂ to circ. We further propose to drill 7-7/8" hole to 3470' T.D., run and cement 4-1/2" 10.5# J-55 casing to T.D. w/sufficient Class C cement w/6% gel and 3% salt and tail in w/Class C latex. Cement top to reach 300' above top completion interval. We propose to perf. 4-1/2" casing and attempt to complete in the Queen formation.

8 5/8

7-13-70

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 Wm. M. Groesbeck (W. M. Groesbeck) Drilling Engineer Date 4-10-70

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE APR 13 1970

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

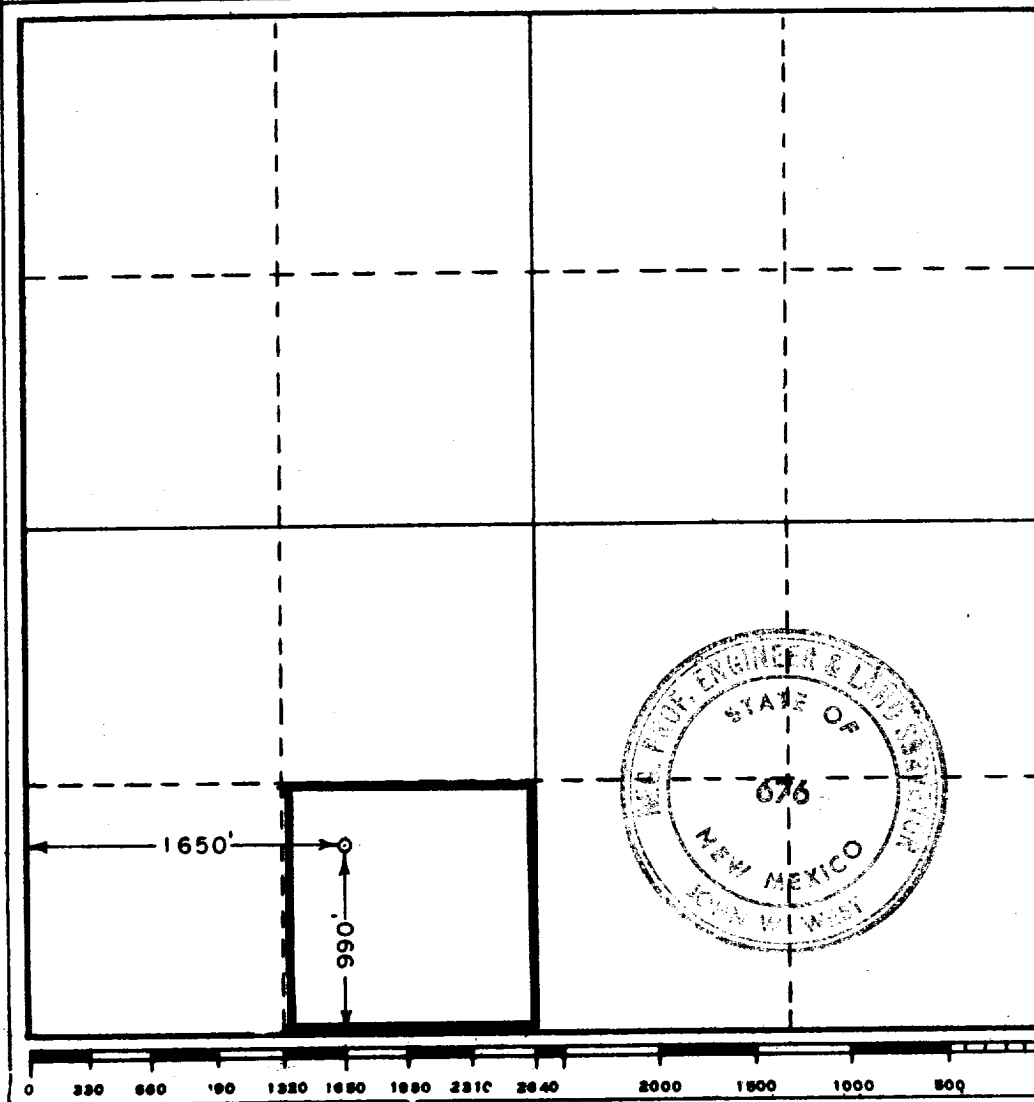
Operator TENNECO OIL COMPANY			Lease MESA QUEEN UNIT		Well No. 25
Unit Letter N	Section 16	Township 16 SOUTH	Range 32 EAST	County LEA	
Actual Footage Location of Well: 990 feet from the SOUTH line and 1650 feet from the WEST line					
Ground Level Elev. 4345.5	Producing Formation QUEEN		Pool MESA QUEEN		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Wm. Shoemaker

Position
DILLING ENGINEER

Company
TENNECO OIL COMPANY

Date
APRIL 13, 1970

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
APRIL 11, 1970

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**