

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

5A. Indicate Type of Lease STATE ☐ FEE ☒
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name <i>Jack Markham</i>
9. Well No. <i>2</i>
10. Field and Pool, or Wildcat <i>Bough</i>
12. County <i>Lea</i>
19. Proposed Depth <i>Approx. 9750'</i>
19A. Formation <i>Bough "C"</i>
20. Rotary or C.T. <i>Rotary</i>
21. Elevations (Show whether DF, RT, etc.) <i>4140 DF</i>
21A. Kind & Status Plug. Bond <i>In effect</i>
21B. Drilling Contractor <i>Unknown</i>
22. Approx. Date Work will start <i>Upon Approval</i>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐
b. Type of Well	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	<i>Tenneco Oil Company</i>
3. Address of Operator	<i>P.O. Box 1031 Midland, Texas 79701</i>
4. Location of Well	UNIT LETTER <i>P</i> LOCATED <i>660'</i> FEET FROM THE <i>East</i> LINE AND <i>660'</i> FEET FROM THE <i>South</i> LINE OF SEC. <i>11</i> TWP. <i>2S</i> RGE. <i>35E</i> NMPM
19. Proposed Depth	<i>Approx. 9750'</i>
19A. Formation	<i>Bough "C"</i>
20. Rotary or C.T.	<i>Rotary</i>
21. Elevations (Show whether DF, RT, etc.)	<i>4140 DF</i>
21A. Kind & Status Plug. Bond	<i>In effect</i>
21B. Drilling Contractor	<i>Unknown</i>
22. Approx. Date Work will start	<i>Upon Approval</i>

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<i>17 1/2"</i>	<i>13 3/8"</i>	<i>42.0#</i>	<i>383'</i>	<i>375</i>	<i>Circ.</i>
<i>12 1/4"</i>	<i>9 7/8"</i>	<i>Unknown</i>	<i>5000'</i>	<i>3595</i>	<i>Circ.</i>
* <i>8 7/4"</i>	<i>7"</i>	<i>26.0#</i>	<i>9668'</i>	<i>1925</i>	<i>5300 est.</i>

This well was originally drilled as the Magnolia Petroleum Co. Jack Markham #1 to a TD of 9668'. It was completed 9-2-49 and produced from the Bough C Formation until 9-13-57 when it was plugged & abandoned. Tom Schneider re-entered this well in 1964 and attempted to complete it in the San Andres. The well was re-plugged in December 1964.

Tenneco Oil Company proposes to re-enter this well, clean out to the 7" casing stub @ 5170', and extend 7" casing to surface using a casing bowl. Clean out remainder of hole to original TD of 9668' inside 7" casing, test for production and deepen to approximately 9750' if necessary.

* Original Completion 9-2-49

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 *Raymond E. Brown* Title *Sr. Drilling Engineer* Date *October 12, 1969*

(This space for State Use)

APPROVED BY *[Signature]* TITLE *SUPERVISOR DISTRICT 1*

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID

FOR 90 DAYS UNLESS

DRILLING COMPLETION

2-14-70