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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 type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name TENNECO FEE	
2. Name of Operator OLEN F. FEATHERSTONE		9. Well No. 1	
3. Address of Operator 236 Petroleum Building, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat UNDESIGNATED	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 31 TWP. 14S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 10,800'		19A. Formation Permo-Penn	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4057' GR	21A. Kind & Status Plug Bond Statewide	21B. Drilling Contractor Moran	22. Approx. Date Work will start Nov. 13, 1967

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#	375'	circulate	
11"	8-5/8"	24 & 32#	4,550'	500	2,000'
7-7/8"	5-1/2"	17 & 20#	10,800'	200	9,800'

We propose to drill a 17-1/2" hole from the surface to approximately 375', set and cement (circulate) 13-3/8" surface pipe. Wait on cement and pressure test. Then drill an 11" hole to approximately 4,550' and set and cement 8-5/8" intermediate casing. Cement shall be allowed to set 18 hours before pressure testing for water shut-off. A 7-7/8" hole will then be drilled to approximately 10,800' to test the Permo-Penn and the Pennsylvanian limestone formation. Potentially productive zones will be drillstem tested.

Logs will be run, and depending upon the results of the drillstem tests and logs, the well will either be plugged and abandoned or completed as a producer.

In the event an attempt is made to complete the well, 5-1/2" casing will be run and cemented with 200 sacks of cement. Potential zones will be perforated and washed with BDA acid.

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 Charles W. Hicks Title General Manager Date November 3, 1967
(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]
CONDITIONS OF APPROVAL, IF ANY:

