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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
LG-605

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>		Superior State "C"	
2. Name of Operator		9. Well No.	
Petroleum Development Corporation		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
9720-B Candelaria N.E., Albuquerque, New Mexico 87112		LUSK MORROW	
4. Location of Well		12. County	
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE		Lea	
AND 1980 FEET FROM THE West LINE OF SEC. 16 TWP. 19S RGE. 32E NMPM			
21. Elevations (Show whether DF, RT, etc.)		20. Rotary or C.T.	
3614 GL		Rotary	
21A. Kind of Status (e.g., Head)		22. Approx. Date Work will start	
Statewide-Active		9/25/75	

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#	1,000	977	circulated
12-1/4"	9-5/8"	43.5 & 40#	3,991	1,143	1,700'
8-5/8"	5-1/2"	15.5 & 17#	13,000	300	11,500'

Move in rotary rig, drill out cement plugs at surface, 967' and 1274' to top of 9-5/8", shut-off casing at 1,342'. Dress top of 9-5/8" casing, run casing bowl and 1,342' of new 9-5/8", latch on. Run 8-1/2" bit, clean out inside casing to 2200'. Squeeze cement damaged portions as necessary. Drill out cement plugs with 8-1/2" bit, deepen from 11,683' to approximately 13,000' to test the Morrow formation. Electric logs will be run over the newly drilled portion. A 1500-series double-ram preventer and hydriil preventer will be used, along with a rotating head.

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. Sanders Title Vice President Date 9/18/75

(This space for State Use)

Geologist

APPROVED BY John W. Runyan TITLE Geologist DATE SEP 29 1975

CONDITIONS OF APPROVAL, IF ANY: