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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name T. M. Lankford WN	
2. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company		9. Well No. 2	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Langlie Mattix 7 R Qn	
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 25 TWP. 23S RGE. 36E NMPM		12. County Lea	
19. Proposed Depth 3750'		19A. Formation 7 R Qn	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3341.8 GR	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Not Selected	
22. Approx. Date Work will start 11-15-80			

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8-5/8" OD	24# K-55	1200'	575	Circ to surf
7-7/8"	5 1/2" OD	15.5# K-55	3750'	775	Circ to surf

Propose to drill a development well and test the producing capabilities of the Langlie Mattix 7R Qn formation in order to recover remaining reserves.

Blowout Preventer Program Attached.

APPROVAL VALID  
7 DAYS UNLESS  
CERLING COMMENCED,  
EXPIRES 1/20/81

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 Jerry W. Schmidt Title Dist. Drlg. Supt. Date 10/14/80

(This space for State Use)

APPROVED BY [Signature] TITLE SEAL DATE 000 20 1980

CONDITIONS OF APPROVAL, IF ANY: