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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-27367

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		W.H. Harrison "D" WN	
2. Name of Operator		9. Well No.	
ARCO Oil & Gas Co.		7	
Division of Atlantic Richfield Co.		10. Field and Pool, or Wildcat	
3. Address of Operator		Langlie Mattix S R On	
P.O. Box 1710, Hobbs, NM 88240		12. County	
4. Location of Well		Lea	
UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE			
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>29</u> TWP. <u>24S</u> RGE. <u>37E</u> NMPM			
		19. Proposed Depth	
		3750'	
		19A. Formation	
		Seven Rivers On	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DF, RT, etc.)		22. Approx. Date Work will start	
21A. Kind & Status Plug. Bond		4-22-81	
GCA #8			
21B. Drilling Contractor			
Marc Drlg. Co.			

23.

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" OD	54.5# K-55	30'	4 yds. R-Mcm	Surf
11"	8-5/8" OD	36# K-55	1200'	750	circ to surf
7-7/8"	5-1/2" OD	15.5# K-55	3750'	825'	circ to surf

Propose to drill a development well and test the producing capabilities of the Seven Rivers Queen oil zone and recover remaining reserves.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10/17/81
UNLESS DRILLING UNDERWAY

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 4-16-81

(This space for State Use)

APPROVED BY Jesse V. Clements TITLE OIL & GAS INSPECTOR DATE 4-16-81

CONDITIONS OF APPROVAL, IF ANY: