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# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input 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"/> DRILL <input checked="" type="checkbox"/> Re-entry DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Seven Rivers Queen Unit	
2. Name of Operator Atlantic Richfield Company		8. Farm or Lease Name	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 42	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West East LINE OF SEC. 2 TWP. 23S RGE. 36E NMPM		10. Field and Pool, or Wildcat Langlie Mattix/Queen	
12. County Lea			
19. Proposed Depth 3796'		19A. Formation Langlie Mattix/Q	
20. Rotary or C.T. Pulling			
21. Elevations (Show whether DF, RT, etc.) 3462' GL		21A. Kind & Status Plug. Bond	
21B. Drilling Contractor		22. Approx. Date Work will start	

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
No change from original, all casing strings left intact.					

This well was P&A on 7/14/66. We propose the following work to prepare well for waterflood response:

1. Removed dry hole marker.
2. Drill out cmt plugs in 5½" csg & CIBP @ 3615'.
3. Clean out to 3796' PBD.
4. Treat existing perms 3642-85' w/1000 gals 15% acid.
5. Swab acid load.
6. Run 2-3/8" tbg & place on rod pump.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DAILING COMMENCED,

EXPIRES 10-26-74

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 H. J. Bernard Title Dist. Drlg. Supv. Date 7/23/74

(This space for State Use)

APPROVED BY [Signature] TITLE State Engineer DATE

CONDITIONS OF APPROVAL, IF ANY: