30-025-28685

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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LAND OFFICE		
OPERATOR		

5A. Indicate Type of Lease: STATE [X] FEE [ ]

5. State Oil & Gas Lease No.: B-229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
DRILL [X] DEEPEN [ ] PLUG BACK [ ]
OIL WELL [ ] GAS WELL [ ] OTHER WIW SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. Unit Agreement Name: Seven Rivers Queen Unit

8. Farm or Lease Name: Seven Rivers Queen Unit

2. Name of Operator: ARCO Oil and Gas Company
Division of Atlantic Richfield Company

9. Well No.: 64

3. Address of Operator: P. O. Box 1710, Hobbs, New Mexico 88240

10. Field and Pool, or Wildcat: Langlie Mattix
Seven Rivers Queen

4. Location of Well: UNIT LETTER E LOCATED 660 FEET FROM THE West LINE
AND 2310 FEET FROM THE North LINE OF SEC. 2 TWP. 23S RGE. 36E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
3800'	Seven Rivers Qn	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3466.3' GR	GCA #8	Not Selected	5/1/84

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8" OD	54.5# K-55	30'	2½ yds R-M	Surf
11"	8-5/8" OD	24# K-55	300'	125 sx	Circ to surf
7-7/8"	5½" OD	14# K-55	3000'	675 sx	Circ to surf
	5½" OD	15.5#K-55	3800'		

Propose to drill a replacement WIW in the Seven Rivers Queen Unit. Well no. 53 will be P&A due to unrepairable csg. Replacement well will extend secondary recovery in the waterflood pattern.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10/13/84
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 Robert E. Ballenger Title Drlg. Engr. Date 4/09/84

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE APR 13 1984

CONDITIONS OF APPROVAL, IF ANY: