

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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FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ REC ☐
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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company		8. Farm or Lease Name Seven Rivers Queen Un
3. Address of Operator P.O. Box 1610, Midland, Texas 79702		9. Well No. 68
4. Location of Well UNIT LETTER <u>D</u> LOCATED <u>160</u> FEET FROM THE <u>North</u> LINE AND <u>1310</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>2</u> TWP. <u>23 S</u> RGE. <u>36 E</u> NMPM		10. Field and Pool, or Wildcat Langlie - Mattix
		12. County Lea
19. Proposed Depth 3960		19A. Formation Seven Rivers Queen
20. Rotary or C.T. Rotary		
11. Elevations (show whether DF, KT, etc.) 3485.4 GR	21A. Kind & Status Plug. Bond GCA #8	21B. Drilling Contractor Not selected
		22. Approx. Date Work will start 2-15-86

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	24	300	185	Surface
7-7/8	5-1/2	15.5	3960	1025	Surface

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

Blow Out Preventer program attached.
Administrative order NSL - 2204

for unorthodox location attached.

Permit Expires 6 Months From Approval Date 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 Ken W. Gosnell Title Engr. Tech. Spec. Date 1-21-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE FEB 1 4 1986

CONDITIONS OF APPROVAL, IF ANY: