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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE FEE

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
ARCO Oil and Gas Company

3. Address of Operator
P.O. Box 1610, Midland, Texas 79702

4. Location of Well
UNIT LETTER B LOCATED 1310 FEET FROM THE North LINE
AND 2480 FEET FROM THE East LINE OF SEC. 2 TWP. 23S RGE. 36E NMPM

7. Unit Agreement Name

8. Farm or Lease Name
Seven Rivers Queen Uni

9. Well No.
71

10. Field and Pool, or Wildcat
Langlie - Mattix

12. County
Lea

19. Proposed Depth
3970

19A. Formation
Seven Rivers Queen

20. Rotary or C.T.
Rotary

21. Elevations (show whether DF, RT, etc.)
3463.5 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	3970	1025	Surface

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

Blow Out Peventer program attached.
Administrative order NSL - 2214 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
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FEB 14 1986