

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

30-125-09191

Form C-101
Revised 10-1-78

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

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
B-1506	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Seven Rivers Queen	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		Seven Rivers Queen Unit	
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company		9. Well No. 67	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		10. Field and Pool, or Wildcat Langlie Mattix 7R Qn	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1250</u> FEET FROM THE <u>North</u> LINE AND <u>1415</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>3</u> TWP. <u>23S</u> RGE. <u>36E</u> NMPM		12. County Lea	
19. Proposed Depth 3870'		19A. Formation 7R Queen	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3482.0' GR	
21A. Kind & Status Plug. Bond GCA #8		21B. Drilling Contractor Not selected	
22. Approx. Date Work will start 4/10/85		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#	30'	3 yds Redi-mix	Surf.
12 1/4"	8-5/8" OD	24#	300'	175	Surf.
7-7/8"	5 1/2" OD	15.5#	3870'	800	Surf.

Propose to drill an infill development oilwell to more efficiently drain the waterflood area. Unorthodox location is being submitted for administrative approval.

Blowout Preventer Program attached.

THIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
NOTIFY THIS OFFICE.

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 R. E. Balch Title Drlg. Engr. Date 3/19/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APR 22 1985

RECEIVED

MAR 21 1985

0219
HONORARY OFFICE