

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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Form C-101  
Revised 10-1-78

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P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

DEC 27 '88

O. C. D.  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
K-6852

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		7. Unit Agreement Name
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State "2"
2. Name of Operator ARCO OIL AND GAS COMPANY ✓		9. Well No. 1
3. Address of Operator Box 1610, Midland, Texas 79702		10. Field and Pool, or Wildcat Shugart-Y7RQG
4. Location of Well UNIT LETTER <u>E</u> LOCATED <u>1855</u> FEET FROM THE <u>north</u> LINE AND <u>660</u> FEET FROM THE <u>west</u> LINE OF SEC. <u>2</u> TWP. <u>19S</u> RGE. <u>30E</u> NMPM		12. County Eddy
19. Proposed Depth 12,184		19A. Formation Queen
21. Elevations (Show whether DF, RT, etc.) 3464.2 GR		20. Rotary or C.T.
21A. Kind & Status Plug. Bond Statewide blanket		22. Approx. Date Work will start 1-15-89

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	13-3/8	54.5	484	650	circ
	8-5/8	28	3940	1650	circ
	5-1/2	17	9030	900	5706-CBL

Propose to:

1. Abandon Bone Springs perms 6986-94' & 8886-8900'.
2. Circ cmt thru 5-1/2 x 8-5/8 ann thru sqz holes @ 4550'.
3. Test Queen for commercial production.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 6/27/89  
UNLESS DRILLING UNDERWAY

1. 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 Kenneth L. Lomax Title Engr. Tech. 915/688-5672 Date 12-14-88

(This space for State Use)

Original Signed By

Mike William

DEC 27 1988

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: