

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

L CONSERVATION DIVISIO,  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

30-025-30399

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 ☒ FEE ☐  
5. State Oil & Gas Lease No.  
A-2614

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator ARCO Oil & Gas Company		8. Farm or Lease Name McDonald State WN
3. Address of Operator P.O. Box 1610, Midland, Texas 79702		9. Well No. 31
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660'</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>14</u> TWP. <u>T22N</u> RGE. <u>R36E</u> NMPM		10. Field and Pool, or Wildcat Jalmat Tansill yts 7 rv
		12. County Lea
19. Proposed Depth 3600'		19A. Formation Yates/Seven Rivers
20. Rotary or C.T. Rotary		
21. Elevations (show whether DF, KT, etc.) 3509.7 GR	21A. Kind & Status Plug. Bond Statewide Blanket	22. Approx. Date Work will start 06/15/88

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 5/9"	24 #	0 - 350"	300	Surf
7 7/8"	5 1/2"	15.5 #	0 - 3550'	935	Surf

Application has been made for a "nonstandard proration unit". BOP program attached.

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. 915/688-5672 Date 05/25/88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY:

7AP-1535

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.