

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

L 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 ☒ FEE ☐

5. State Oil & Gas Lease No.
B-2139

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input 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 H
2. Name of Operator ARCO Oil and Gas company		9. Well No. 3
3. Address of Operator P. O. Box 1610 Midland, Texas 79702		10. Field and Pool, or Wildcat Eunice Monument
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE East LINE AND 1620 FEET FROM THE South LINE OF SEC. 5 TWP. 21S RGE. 36E NMPM		12. County Lea
19. Proposed Depth 3971		19A. Formation Grayburg / San Andres
21. Elevations (show whether DF, KI, etc.) 3584' DF	21A. Kind & Status Plug. Bond GCA #8	20. Rotary or C.T.
21B. Drilling Contractor		22. Approx. Date Work will start 7-15-86

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- MIRU PU. Kill well. NU BOP. POH.
- GIH w/pkr on 2-7/8" WS. Set pkr @ 3250'. PA and test csg to 500 psi.
- If csg does not test, isolate leaks w/RBP and pkr and run csg inspection log. Repair as needed w/remedial cmt or by CO to TD, running 4" FJ innerstring, and cmtg to surface in two stages.
- If csg tests, est PIR through Eumont perfs 3410-3588'. Sqz same w/150 sx C1 "C" w/2% CaCl2 tailed w/150 sx C1 "C" w/2% CaCl2, 5# Sd. Mxp ±2000#. WOC.
- DO cmt and test to 500 psi. DO cmt and CIBP @ 3750'. CO to TD @ 3971' using LCM as needed. POH.
- Turn wellbore over to Chevron for completion.

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 7-17-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE DATE JUL 24 1986

CONDITIONS OF APPROVAL, IF ANY:

From Approval & Within From Approval
Data Underlying Underway.