

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-101
Revised 10-1-78

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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 b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input checked="" 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 and Gas Company | | 8. Farm or Lease Name State "H" |
| 3. Address of Operator P. O. Box 1610 Midland, Texas 79702 | | 9. Well No. 1 |
| 4. Location of Well UNIT LETTER 0 LOCATED 3300 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 5 TWP. 21S RGE. 36E NMPM | | 10. Field and Pool, or Wildcat Eunice Monument |
| | | 12. County Lea |
| | | 19. Proposed Depth 3910 |
| | | 19A. Formation Grayburg/San Andres |
| | | 20. Rotary or C.T. |
| 21. Elevations (Show whether DF, RT, etc.) 3597 GR | 21A. Kind & Status Plug. Bond GCA #8 | 22. Approx. Date Work will start ASAP |

23.

PROPOSED CASING AND CEMENT PROGRAM

1. MIRU PU. Kill well. NU BOP. Rise pkr @ 2759'. POH.
2. GIH w/pkr and RBP. Set RBP @ 2650'. Set pkr. Test csg to 500 psi.
3. If csg does not test, isolate leaks 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.
4. If csg tests, reset RBP @ ±3625'. Set pkr @ ±3300'. Est PIR through Eumont perms 3398-3586'. Reset RBP @ ±3300'. Set pkr @ 2650'. PA to 500 psi. Est PIR through Eumont perms 2800-3186'.
5. Sqz Eumont 2800-3186' w/150 sx CI "C" w/2% CaCl2 tailed w/150 sx CI "C" w/2% CaCl2 and 5# sd. MxP ±2000 psi. WOC.
6. DO cmt and test to 500 psi. Wash sd off RBP. POH.
7. Latch RBP. GIH to 3500'. POH.
8. GIH w/CR and set @ 3350'. PA to 300 psi. Sqz Eumont 3398-3586' w/100 sx CI "C" w/2% CaCl2 tailed w/100 sx CI "C" w/2% CaCl2 and 5# sd. WOC.
9. DO CR and cmt. Test to 500 psi.
10. DO cmt and wash sd off Model "D" @ 3731'. POH.
11. Rtve "DR" plug.
12. GIH w/mill and pkr picker. Mill over and rtve Model "D". POH.
13. GIH w/bit and CO to TD @ 3910' using LCM as needed. POH.
14. 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. Sosnell Title Engr. Tech. Spec. Date 7-21-86

(This space for State Use)
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JUL 24 1986

CONDITIONS OF APPROVAL, IF ANY: