

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

L CONSERVATION DIVISIO  
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-11614

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|                                                                                                                                                                                                                                                                                                                                         |  |                                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|
| 1a. Type of Work                                                                                                                                                                                                                                                                                                                        |  | 7. Unit Agreement Name                                 |  |
| b. Type of Well<br>DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/><br>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<br>State 367                     |  |
| 2. Name of Operator<br>ARCO Oil and Gas Company<br>Division of Atlantic Richfield Company                                                                                                                                                                                                                                               |  | 9. Well No.<br>3                                       |  |
| 3. Address of Operator<br>P. O. Box 1710, Hobbs, New Mexico 88240                                                                                                                                                                                                                                                                       |  | 10. Field and Pool, or Wildcat<br>Blinebry Oil & Gas   |  |
| 4. Location of Well<br>UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE<br>AND 1980 FEET FROM THE West LINE OF SEC. 36 TWP. 21S RGE. 37E NMPM                                                                                                                                                                                        |  | 12. County<br>Lea                                      |  |
| 19. Proposed Depth<br>7550'                                                                                                                                                                                                                                                                                                             |  | 19A. Formation<br>Wantz Abo                            |  |
| 20. Rotary or C.T.<br>Completion Rig                                                                                                                                                                                                                                                                                                    |  | 21. Elevations (Show whether DF, KI, etc.)<br>3358' GR |  |
| 21A. Kind & Status Plug. Bond<br>GCA #8                                                                                                                                                                                                                                                                                                 |  | 22. Approx. Date Work will start<br>7/23/84            |  |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CAS NG | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------|
| 17 1/2"      | 13-3/8" OD     | 48#             | 295'          | 300             | Surf     |
| 12 1/2"      | 9-5/8" OD      | 40#             | 2824'         | 1000            | Surf     |
| 11"          | 7" OD          | 23#             | 6590'         | 520             | 3249'    |
| 6 1/2"       | 5"             | 14.87#          | 6390 - 7550'  | 375             | 6380'    |

Propose to squeeze cmt Blinebry perfs 5518-5945', repair csg leak in 7" OD csg. DO cmt retr @ 2730'. Press test csg & Blirebry squeeze job. Drill cmt retr @ 6080' & test Tubb squeeze job, resqueeze Tubb perfs, 6104-6249' if necessary. DO cmt & CIBP @ 6300'. Set CR @ 6350' & squeeze Drinkard perfs 6409-6509' w/C1 H Neat Cmt. DO squeeze job & test. Drill 6 1/2" new hole 6590-7550'. Run CNL/FDC-GR & ELL-GR logs. Run 5" 14.87# K-55 csg liner. Set liner 6390-7550' w/liner hanger & tie back sleeve, cmt liner @ top @ press test. Perforate Abo in interval selected from logs, acidize w/4000 gals 15% HCL & frac w/40,000 gals & 55,000# sd. Swab back & test for completion in Wantz Abo.

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 Elizabeth L. Buck Title Drlg. Engr. Date 7/20/84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

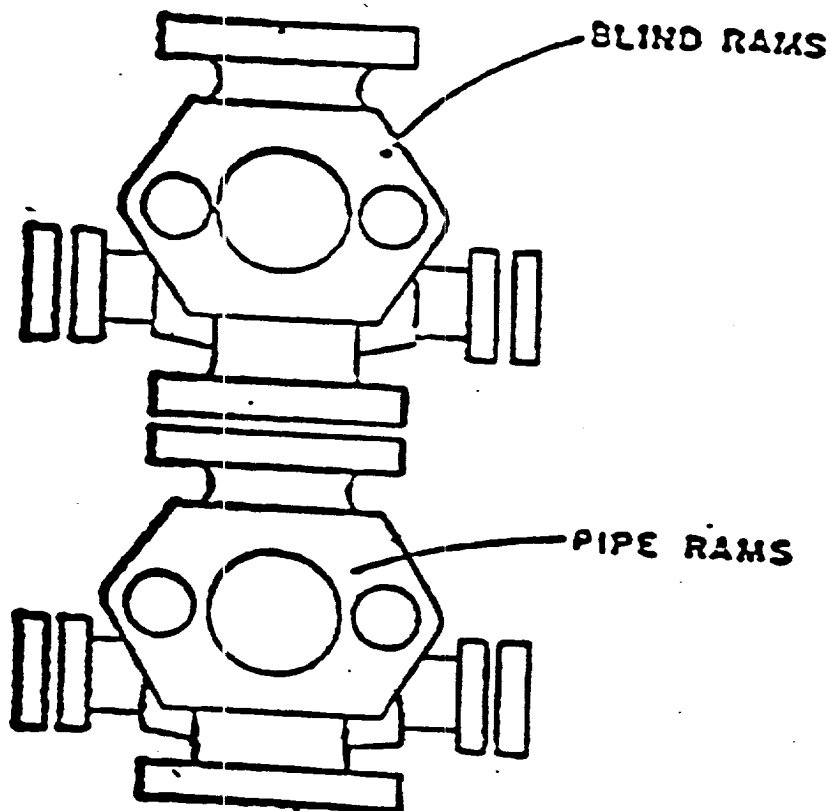
APPROVED BY DISTRICT I SUPERVISOR TITLE  DATE JUL 20 1984

CONDITIONS OF APPROVAL, IF ANY:

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HOBBS OFFICE



ARCO Oil & Gas Company  
Division of Atlantic Richfield Company  
**Blow Out Preventer Program**

**Lease Name** State 367

**Well No.** 3

**Location** 1980' FWL & 1980' FSL  
Sec 36-21S-37E, Lea County

BOP to be tested when installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.

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