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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------|--|
| 1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/> | | 8. Farm or Lease Name E. L. Steeler WN | |
| 2. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company | | 9. Well No. 5 | |
| 3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 | | 10. Field and Pool, or Wildcat Jalmat Yates 7R | |
| 4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE 1980 East LINE OF SEC. 19 TWP. 23S RGE. 37E NMPM | | 12. County Lea | |
| 19. Proposed Depth 3800' | | 19A. Formation Yates 7Rivers | |
| 20. Rotary or C.T. Rotary | | 21. Elevations (Show whether DF, RT, etc.) 3333.4' GR | |
| 21A. Kind & Status Plug. Bond GCA #8 | | 21B. Drilling Contractor Hillin Drilling Co. | |
| 22. Approx. Date Work will start 12/20/80 | | 23. | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|--------------|
| 17½" | 13-3/8" OD | 24# K-55 | 30' | 3 yds Redi Mix | Circ to surf |
| 12¼" | 8-5/8" OD | 15.5# K-55 | 1200' | 675 | Circ to surf |
| 7-7/8" | 5-1/2" OD | 15.5# K-55 | 3800' | 900 | Circ to surf |

Propose to drill a development well to test the producing capabilities of the Jalmat Yates Gas zone. Well to be drilled through the Langlie Mattix Oil zone and if found productive will complete as a dual Gas/Oil thru parallel strings of tbg.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 2/17/81

Approved as Non-Standard Unit per Administrative Order NSP-1217 dated 11/5/80.

Gas Dedicated
Blowout Preventer 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 Jennett Schmidt Title Dist. Drlg. Supt. Date 11/10/80

(This space for State Use)

APPROVED BY Jesse M. Clements TITLE Oil & Gas Division Chief DATE 11/10/80

CONDITIONS OF APPROVAL, IF ANY: