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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.  
**B-154**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|   |                               |  |   |
|---|-------------------------------|--|---|
| 1a. Type of Work<br>DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/>  |                               | 7. Unit Agreement Name<br>-                    |   |
| b. Type of Well<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>N.M. 'E' State NCT-1  |   |
| 2. Name of Operator<br>TEXACO Inc.  |                               | 9. Well No.<br>5                               |   |
| 3. Address of Operator<br>P.O. Box 728, Hobbs, New Mexico 88240   |                               | 10. Field and Pool, or Wildcat<br>Monument Abo |   |
| 4. Location of Well<br>UNIT LETTER <u>K</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE<br>AND <u>2082</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>1</u> TWP. <u>20-S</u> RGE. <u>36-E</u> NMPM               |                               | 12. County<br>Lea                              |   |
| 19. Proposed Depth<br>7690'   |                               | 19A. Formation<br>Abo                          | 20. Rotary or C.T.<br>-                     |
| 21. Elevations (Show whether DF, RT, etc.)<br>3579' (DF)  | 21A. Kind & Status Plug. Bond | 21B. Drilling Contractor                       | 22. Approx. Date Work will start<br>12-1-77 |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH     | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|-------------------|-----------------|----------|
| 17-1/2"      | 13-3/8"        | 48#             | 329'              | 335             |          |
| 11"          | 8-5/8"         | 28 & 32#        | 2774'             | 2300            |          |
| 7-1/8"       | 5-1/2"         | 17#             | 5810'             | 650             |          |
| 4-3/4"       | 4" (Liner)     | 10.5#           | 7690'-(Top-5680') | 350             |          |

Texaco Inc. proposes to abandon the Blinebry zone, deepen and recomplete in the Abo as follows:

1. Rig up. Install BOP.
2. Set cement retainer @ 5625' & squeeze 5-1/2" OD csg perforations 5674-5684' w/100 sx. Class 'C' cement. WOC & test.
3. Drill out cement plugs & deepen to 7690'.
4. Log well.
5. Run 4" flush joint liner and set from 5600' - T.D. Cement w/350 sx Class H cement. Squeeze top of liner w/50 sx. Class C cement if necessary.
6. Perforate 4" csg liner from log.
7. Spot 400 gals 15% retarded acid across perforations. Acidize perforations w/3000 gals. 15% NE acid. Swab.
8. Install production equipment. Test and place on production.

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 [Signature] Title Asst. Dist. Supt. Date 11-21-77

(This space for State Use)

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: