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P. O. BOX 2088

ANTA FE, NEW MEXICO 87501

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 3A. Indicate Type of Lease     |                                         |
| STATE <input type="checkbox"/> | FED <input checked="" type="checkbox"/> |
| 4. State Oil & Gas Lease No.   |                                         |

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1. Type of Work

|                                              |                                   |                                            |                                                                                        |
|----------------------------------------------|-----------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------|
| 1. Type of Well                              | DRILL <input type="checkbox"/>    | DEEPEN <input checked="" type="checkbox"/> | PLUG BACK <input type="checkbox"/>                                                     |
| OIL WELL <input checked="" type="checkbox"/> | GAS WELL <input type="checkbox"/> | OTHER                                      | SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> |

## 2. Name of Operator

Texaco Producing Inc.

## 3. Address of Operator

P. O. Box 728, Hobbs, New Mexico, 88240

## 4. Location of Well

UNIT LETTER J LOCATED 2173 FEET FROM THE South LINE  
OF 2173 FEET FROM THE East LINE OF SEC. 8 TWP. 20-S REC. 37-E NMPM

## 7. Unit Agreement Name

## 8. Firm or Lease Name

T. Anderson

## 9. Well No.

3

## 10. Field and Pool, or Wildcat Monument Blinebry

12. County  
Lea

|                                                        |                                          |                             |                            |                                    |
|--------------------------------------------------------|------------------------------------------|-----------------------------|----------------------------|------------------------------------|
| 11. Elevations (Show whether DT, KT, etc.)<br>3546' GR | 21A. Kind & Status Plug. Bond<br>Blanket | 19. Proposed Depth<br>5740' | 19A. Formation<br>Blinebry | 20. Rotary or C.T.<br>Pulling Unit |
| 22. Approx. Date Work will start<br>November 18, 1987  |                                          |                             |                            |                                    |

## PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP      |
|--------------|----------------|-----------------|---------------|-----------------|---------------|
| 17-1/4"      | 13-3/8"        | 36#             | 613'          | 800             | Circulated    |
| 12-1/4"      | 9-5/8"         | 32.3, 36, 40#   | 2899'         | 1200            | Circulated    |
| 8-3/4"       | 7"             | 23#             | 5252'         | 500             | 3160' by T.S. |

1. MIRU. Install BOP. Pull production equipment.
2. TIH w/6-1/4" bit & csg. scraper. Clean out to original PBTD @ 5248'.
3. GIH w/cmt. retainer & set @ 5150'. Test casing to 500#.
4. Sting into retainer. Squeeze perfs 5210-35' w/150 sxs Class H cmt. w/2% CaCl<sub>2</sub>, 0.6% Halad-9.
5. If leaks occurred in casing test, locate & squeeze w/100 sxs Class H. Resqueeze if necessary.
6. TIH w/6-1/4" bit. Drill out to PBTD 5248'. Pressure test squeezed perfs. Resqueeze if necessary.
7. Drill to new TD of 5740'. Circulate 6-1/4" hole clean.
8. Log open hole @ 5252'-5740'.
9. Run 640' 4-1/2", 11.6# casing and set @ 5100'-5740'.
10. Establish circulation out float shoe. Pump 100 sxs Class H cmt. with 2% CaCl<sub>2</sub>, 1/4# flocele and 0.6% Halad-9 (100% excess 1.18 cu.ft./sx, 15.6 ppg) down workstring & liner. Drop wiper plugs & set in latch collar. Pull out of hanger.
11. WOC. TIH w/6-1/4" bit & drill out cmt. to top of setting sleeve. TOH. TIH w/3-3/4" bit & csg. scraper & clean out 4-1/2" liner to 5735'.

ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCE 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.

L. J. SEEMAN

Title District Petroleum Engineer

Date November 4, 1987

(This space for State Use)

Orig. Signed by,  
Paul Kautz  
Geologist

PROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

DATE NOV 9 1987

ADDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Disposal Permitting Underway  
warlow