

F

30-045-28168

08-28-90

F. Loc. 995/N; 950/E Elev. 5676 GL Spd. \_\_\_\_\_ Comp. \_\_\_\_\_ TD \_\_\_\_\_ PB \_\_\_\_\_  
 Cu. ft. \_\_\_\_\_ Cu. ft. \_\_\_\_\_  
 Casing S. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Int. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. Pr. \_\_\_\_\_ @ \_\_\_\_\_ W \_\_\_\_\_ Sx. T. \_\_\_\_\_ @ \_\_\_\_\_  
 Csg. Perf. \_\_\_\_\_ Prod. Stim. \_\_\_\_\_

T Gas  
R  
A  
N  
S

Grav. \_\_\_\_\_ 1st Del. Gas  
 I.P. \_\_\_\_\_ BO/D \_\_\_\_\_ MCF/D After \_\_\_\_\_ Hrs. SICP \_\_\_\_\_ PSI After \_\_\_\_\_ Days GOR \_\_\_\_\_ 1st Del. Oil

| TOPS            | NiTD         | X | Well Log          | TEST DATA |       |    |   |    |    |   | Ref.No. |
|-----------------|--------------|---|-------------------|-----------|-------|----|---|----|----|---|---------|
| Ojo Alamo       | C-103        |   | Plat              | X         | Schd. | PC | Q | PW | PD | D |         |
| Kirtland        | C-104        |   | Electric Log      |           |       |    |   |    |    |   |         |
| Fruitland       |              |   | C-122             |           |       |    |   |    |    |   |         |
| Pictured Cliffs | Ditr         |   | Dfa               |           |       |    |   |    |    |   |         |
| Chacra          | Datr         |   | Dac               |           |       |    |   |    |    |   |         |
| Cliff House     | Hexaco, Inc. |   |                   |           |       |    |   |    |    |   |         |
| Menefee         |              |   |                   |           |       |    |   |    |    |   |         |
| Point Lookout   |              |   |                   |           |       |    |   |    |    |   |         |
| Mancos          |              |   |                   |           |       |    |   |    |    |   |         |
| Gallup          |              |   |                   |           |       |    |   |    |    |   |         |
| Greenhorn       |              |   |                   |           |       |    |   |    |    |   |         |
| Dakota          |              |   |                   |           |       |    |   |    |    |   |         |
| Entrada         |              |   |                   |           |       |    |   |    |    |   |         |
|                 |              |   | E/307.92<br>Acres |           |       |    |   |    |    |   |         |

P  
o  
o  
BasinFrCoalCo.SJ S23 T 29N R 12W U A Oper. Texaco E & P Inc. Loe H.J. Loe Federal B No. 4

H.J. Loe Federal B #4

A-23-29N-12W

Texaco E &amp; P Inc.



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Farmington Resource Area  
1235 Laplata Highway  
Farmington, New Mexico 87401



IN REPLY REFER TO:  
SF-078357-A et al. (WC)  
3162.3-1 (019)

OCT. 1 8 1991

Texaco Inc.  
3300 N. Butler  
Farmington, NM 87401

Gentlemen:

Enclosed are your Applications for Permit to Drill well Nos:

- ✓ 1. 4 J. Q. Marshall, sec. 1, T. 27 N., R. 9 W., San Juan County, NM, lease SF-078357-A.
- ✓ 2. 4 H. J. Loe Federal B, sec. 23, T. 29 N., R. 12 W., San Juan County, NM, lease NM-014378.
- ✓ 3. 8 Nellie Platero, sec. 10, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8464.
- ✓ 4. 10 John Charles, sec. 13, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8466.
- ✓ 5. 5 Charley Pah, sec. 12, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8465.
- ✓ 6. 3 Neah Victoria, sec. 1, T. 27 N., R. 9 W., San Juan County, NM, lease I-149-IND-8463.

As discussed with Mark Wakefield of your company on, October 11, 1991, the subject APDs are rescinded and returned due to drilling not being commenced within the approved period of time.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on the referenced drill site. If this office does not receive comment within 30 days, we will presume that no construction occurred and proceed accordingly. Later discovery that construction activities have in fact occurred, may result in assessment of liquidated damages.

Sincerely,

John L. Keller  
Chief, Branch of Mineral Resources

6 Enclosures

CC:  
New Mexico Oil Conservation Division, 1000 Rio Brazos Rd., Aztec, NM 87410  
BIA, Window Rock

## ABANDONED LOCATION:

## RECEIVED

OCT 21 1991

OIL CON. DIV  
DIST. 3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐

3. NAME OF OPERATOR  
Texaco

4. ADDRESS OF OPERATOR  
3300 North Butler Farmington, New Mexico 87401

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
995' FNL - 950' FEL

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
H.J. Loe Federal-B

9. WELL NO.  
4

10. FIELD AND POOL OR WELDCAT  
Basin Fruitland Coal

11. SEC. T. R. OR S.E. AND SURVEY OR AREA  
Sec. 23, T29N, R12W, N

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
3 1/2 miles west of Bloomfield, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPOSED OR LEASED LINE FT.  
(Add to distance if any) 950'

16. NO. OF ACRES IN LEASE  
628.11 640

17. NO. OF ACRES ASSIGNED TO THIS WELL  
E/ 307.92

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR PROPOSED FOR OR THIS LEASE, FT.  
60'

19. PROPOSED DEPTH  
1830'

20. ROTARY OR CABLE TOOL  
Rotary

21. ELEVATION (State whether D.F. or G.E. or both)  
5676' GL

22. This action is subject to technical and procedural review pursuant to 43 CFR 3166.3 and 3166.4 and is subject to the proposed casing and completion program.

23. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | GENERAL REQUIREMENTS     |
|--------------|----------------|-----------------|---------------|--------------------------|
| 11"          | 8 5/8"         | 24#, K-55       | 570'          | 487 cuft/circ to surface |
| 7 7/8"       | 5 1/2"         | 15.5#, J-55     | 1830'         | 486 cuft/circ to surface |

Propose to spud in the San Jose formation. Will drill an 11" hole to a TD of 5780'. Run and cement surface casing with cement returns to surface. WOC 12 hours. Test to 1500 psi/30 mins. Drill a 7 7/8" hole to a TD of 1830' using fresh water mud. No poisonous gases are anticipated. Adequate weight material will be on location to control any flows from the Farmington sands. Run logs at TD. Run and cement production casing with cement returns to surface. WOC 12 hours. Move out drilling rig and move in completion unit. Pressure test to 3000 psi/30 mins. prior to completion. Run cased hole correlation and cement bond logs. Perforate Fruitland coals and stimulate using a fresh water based gel or foam system.

RECEIVED  
AUG 28 1990

OIL CON. DIV.  
DIST. 3

IF ABOVE SPACE DESCRIBES PROPOSED PROGRAM: IF proposed is to deepen or plug back, give date of previous completion, proposed new production zone. IF proposed is to drill or deepen directionally, give pertinent data on construction location and new proposed zone vertical depth. Give also preventive program, if any.

SIGNED: Alan A. Klein TITLE: Area Manager

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE: AUG 24 1990

APPROVED BY: NMOCB FOR: Ken Townsend

CONCERNING APPROVAL, IF ANY: BLM - original & 5 copies RSL - 1 copy AAK - 1 copy MLK - 1 copy CPB - 1 copy MAG - 1 copy

Instructions On Reverse Side

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

|  |                                     |
|--|-------------------------------------|
| Operator<br><b>Texaco Exploration &amp; Production Inc.</b>  | Well API No.<br><b>30-045-28168</b> |
| Address<br><b>3300 N. Butler, Farmington, New Mexico 87401</b>   |                                     |
| Reason(s) for Filing (Check proper box)<br>New Well <input type="checkbox"/> Change in Transporter of: <input checked="" type="checkbox"/> Other (Please explain)<br>Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> <b>WELL HAS YET TO BE DRILLED.</b><br>Change in Operator <input checked="" type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> <i>Oper. Change only</i> |                                     |
| If change of operator give name and address of previous operator<br><b>TEXACO INC. 3300 N. BUTLER, FARMINGTON, NM 87401</b>  |                                     |

II. DESCRIPTION OF WELL AND LEASE

|  |                       |   |   |           |
|--|-----------------------|---|---|-----------|
| Lease Name<br><b>H. J. LOE FEDERAL B</b>   | Well No.<br><b>#4</b> | Pool Name, Including Formation<br><b>BASIN FRUITLAND COAL</b> | Kind of Lease<br>State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> or Fee <input type="checkbox"/> | Lease No. |
| Location<br>Unit Letter <b>A</b> : <b>995'</b> Feet From The <b>NORTH</b> Line and <b>950'</b> Feet From The <b>EAST</b> Line<br>Section <b>23</b> Township <b>29N</b> Range <b>12W</b> , NMPM, <b>SAN JUAN</b> County |                       |   |   |           |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|   |  |
|---|--|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>         | Address (Give address to which approved copy of this form is to be sent) |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent) |
| If well produces oil or liquids, give location of tanks.  | Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When ?          |

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

|                                    |  |                 |              |
|------------------------------------|--|-----------------|--------------|
| Designate Type of Completion - (X) | Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Same Res'v <input type="checkbox"/> Diff Res'v <input type="checkbox"/> |                 |              |
| Date Spudded                       | Date Compl. Ready to Prod.   | Total Depth     | P.B.T.D.     |
| Elevations (DF, RKB, RT, GR, etc.) | Name of Producing Formation  | Top Oil/Gas Pay | Tubing Depth |
| Perforations                       | Depth Casing Shoe  |                 |              |

TUBING, CASING AND CEMENTING RECORD

|           |                      |           |              |
|-----------|----------------------|-----------|--------------|
| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET | SACKS CEMENT |
|           |                      |           |              |
|           |                      |           |              |
|           |                      |           |              |
|           |                      |           |              |

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

|                                |                 |   |
|--------------------------------|-----------------|---|
| Date First New Oil Run To Tank | Date of Test    | Producing Method (Flow, pump, gas lift, etc.) |
| Length of Test                 | Tubing Pressure | Casing Pressure                               |
| Actual Prod. During Test       | Oil - Bbls.     | Water - Bbls.                                 |

RECEIVED  
AUG 15 1991

GAS WELL

|                                  |                           |                           |                       |
|----------------------------------|---------------------------|---------------------------|-----------------------|
| Actual Prod. Test - MCF/D        | Length of Test            | Bbls. Condensate/MMCF     | Gravity of Condensate |
| Testing Method (pilot, back pr.) | Tubing Pressure (Shut-in) | Casing Pressure (Shut-in) | Choke Size            |

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature *John A. Tipton*  
**John A. Tipton** Area Manager  
Printed Name **8-12-91** Title **(505) 325-4397**  
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **AUG 15 1991**

By *Supervisor*  
Title **SUPERVISOR DISTRICT #3**

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.