

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

NM-014378

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

H.J. Loe Fed "B" #2

9. API Well No.

3004595223

10. Field and Pool, or Exploratory Area

Fulcher Kutz - PC

11. County or Parish, State

San Juan, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Texaco Inc.

3. Address and Telephone No.

3300 N. Butler, Farmington N.M. 87401 (505) 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850' FNL and 2310' FEL

Sec. 23-T29N-R12W

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☒ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Texaco Inc. proposes the following workover to recomplate in the Pictured Cliffs formation. The following procedure will be followed:

(SEE ATTACHED PROCEDURE)

RECEIVED
OCT 4 1990
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed Alan A. Phelan

Title Area Manager

Date 10/01/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED

OCT 01 1990

Ken Townsend
FOR AREA MANAGER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

**H. J. LOE B FED. #2 - IDC WORKOVER
Completion of Pictured Cliffs Interval**

Procedure

July 24, 1990

1. MIRUSU.
2. PU & TIH w/ 2.375" tubing to PBTD of 3122.
3. Spot 9.2 ppg 50 vis. freshwater mud from 3122 - 2370. TOOH to 2370.
4. Spot 60 sx. Class G cement 2370 - 1850. Reverse circ. 1.5 tubing volumes. TOOH w/ tubing. WOC.
5. Pressure test casing to 2000 psi.
6. RU wireline company and log 1850 - min w/ CNL/GR/CCL.
7. Perforate the following Pictured Cliffs 4-28-60 IE log intervals:

1703-1715 (12')
1722-1730 (8')

w/4 JSPF using premium charges and a debris free maximum OD casing gun.

8. TIH w/ 2.375" tubing, packer, and 1jt. tailpipe.
9. Acidize Pictured Cliffs perfs w/ 500 gals. 7.5% HCl¹. Spot acid from 1730-1240. Allow acid to soak 30 min. Set packer @ 1200'. Displace acid into perforations using 3% KCl water. Swab/flow back load.
10. TOOH w/ tubing.
11. Fracture stimulate perforations down casing using 55,000 gals. slickwater and 55,000 # 20/40 sand as follows.

| Stage | Volume (gal) | Fluid | Sand | Sand Type |
|--------------|-----------------|------------|-------------------|-----------|
| 1 | 18,000 | Slickwater | Pad | -- |
| 2 | 13,000 | " | 1 PPG - 13,000# | 20/40 |
| 3 | 14,000 | " | 1.5 PPG - 21,000# | " |
| 4 | 7,500 | " | 2 PPG - 15,000# | " |
| 5 | 2,500 | " | 2 PPG - 5,000# | 20/40 RC |
| 6 | 1,700 | " | Flush | -- |
| Total | 56,700 | | 54,000# | |

Estimate 43 BPM @ 1600 psi

RC = Resin Coated sand
Fluid to contain: 3% KCl, 1/2 gal/1000 gal J-433
friction reducer (or equal), 1 gal/1000 gal F-802
surfactant (or equal), 1 gal/1000 gal foamer in last
30,000 gals

**NOTE: MONITOR BRADENHEAD OF H. J. LOE B FED #2R
THROUGHOUT FRAC TREATMENT. ALLOW BRADENHEAD TO REMAIN
OPEN TO ATMOSPHERE AT ALL TIMES.**

12. Flow back fracture treatment.
13. RIH past perfs to PBTD to check for fill. Clean out as
neccessary.
14. Set tubing at 1675, flow/swab test formation.
15. RDMOSU

¹ Acid to be 7.5% HCl w/ 1 gal/1000 gal inhibitor, 1 gal/
1000 gal surfactant, 1 gal/1000 gal clay-stay, 5
gal/1000 gal Fe sequestering agent.