

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N. M. LAND COMMISSION
P.O.
HOBBS, NEW MEXICO 88240

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

5. Lease Designation and Serial No.
LC- 030174 b

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
W.H. Rhodes B Fed NCT-1

9. API Well No.
9

10. Field and Pool, or Exploratory Area
Rhodes Yates 7-R

11. County or Parish, State

Lea County, NM

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **WATER INJECTION WELL**

2. Name of Operator

Texaco Exploration and Production Inc.

3. Address and Telephone No.

P.O. Box 730, Hobbs, NM 88240

505-397-0428

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

Unit P, 660 FSL, 660 FEL
Sec. 27, T-26-S, R-37-E

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 **SAME FORMATION**
☐ 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.)*

- (1) Backflow well. MIRU, install BOP. Pressure test casing. Unseat packer and TOH tubing.
- (2) TIH with bit and 5-1/2" casing scraper on workstring. Clean casing and analyze scale.
- (3) GIH with bulldog bailer and clean fill out of open hole. POH. Run GNT log from TD- B/ salt. Identify zones 3, 4 & 5 to be perfed. Rerun tubing and packer and start injecting.
- (4) Run injection profile after uniform rate is obtained. Determine boundary between low perm zone 6 and high perm zone 7.
- (5) Fill open hole with 20/40 frac sand to top of zone 7 and cap with 20' of resin coated sand and a 10' hydromite plug. WOC and tag plug. Spot 50'+ sand on top of hydromite. POH.
- (6) By wireline, perf 3070'-3150' based on GNT @ 4 SPF. POH. GIH with 5 1/2" packer, set at 3000'. Test tubing into hole. Acidize with 3000 gals 15% NeFe in three stages with rock salt blocks. Swab or flow back load water. If necessary, use a scale converter.
- (7) Frac open/cased interval through 3-1/2" tubing with 30,000 gal X-L gel and 71,400# 20/40 Ottawa including resin coated tail. Flush to top perf. Shut-in overnight to set resin proppant. Swab or flow back load water. Unseat packer and pull work string. POH.
- (8) Drill out hydromite plug and circulate hole clean. Note any fill on top of plug.
- (9) Rerun injection tubing and packer. Place well on injection and run second profile.

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

Signed R. McNaughton

Title Production Engineer

Date 10-13-92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

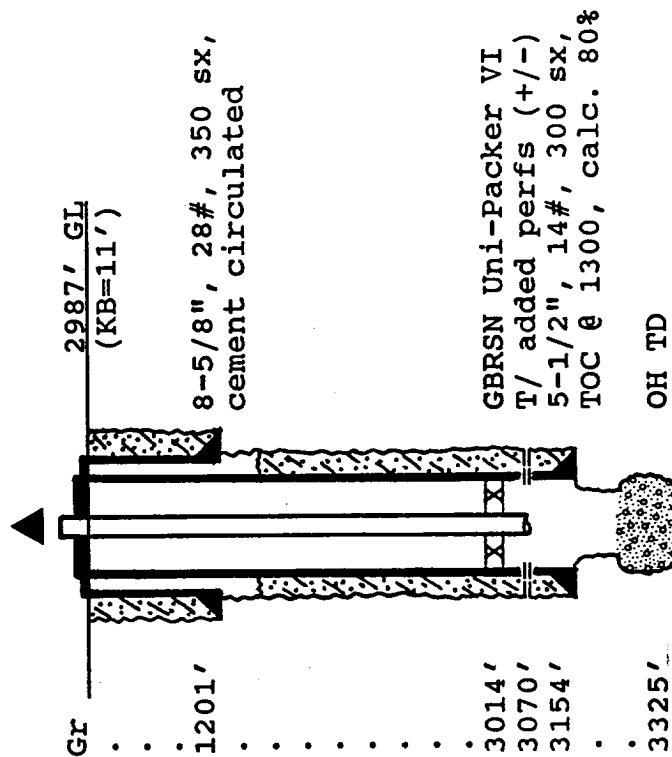
Title _____

Date 10/27/92

Injection Well Data Sheet

OPERATOR: Texaco Exploration & Production Inc. Lease: Rhodes B Fed NCT-1 #9 WIW
FOOTAGE LOCATION: 660 FSL X 660 FEL Sec./Twn/Rng: Unit P, Sec 27, T-26-S, R-37-E
Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 1201'
Size 8-5/8, 28# Cemented with 350 sx.
TOC surface ' determined by circulated
Hole Size 11" Comp. Date 11-23-44
Intermediate casing: Set at _____
Size NONE Cemented with _____ sx.
TOC _____ ' determined by _____
Hole Size _____
Production Casing: Set at 3154'
Size 5-1/2", 14# Cemented with 300 sx.
TOC 1300 ' determined by calculated
Hole Size 7-7/8", 4-3/4" open hole

Injection Interval:

3070' to 3325' through: OH, Perforations
Tubing: 2-3/8", 4.7#, J-55, IPC 2000# WP

Tops:

Salt 1210'-2713'
Yates 2960'
Seven Rivers na
Perforations to be added: 3070'-3150' +/-