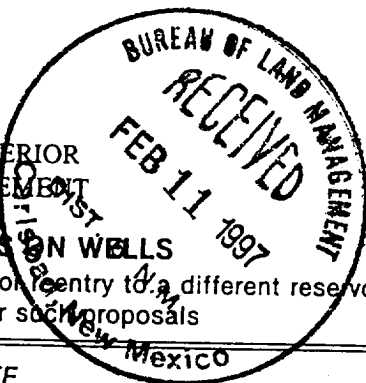


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



N.M. Oil Cons. Division

P.O. Box 1980

Hobbs, NM 88241

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 entry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator Manzano Oil Corporation	8. Well Name and No. Texaco Federal 4
3. Address and Telephone No. P.O. Box 2107, Roswell, NM 88202-2107 (505) 623-1996	9. API Well No. 30-025-32092
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FSL & 2100' FEL Section 14, T19S, R33E	10. Field and Pool, or Exploratory Area <del>Unders. E. Gem Delaware</del>
	11. County or Parish, State Lea County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input checked="" type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

3. 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.)\*

1/23/97 Set CIBP on wireline @ 7100'. Cap w/25' of cement. Perf 4 holes in same plane @ 4450'.

1/24/97 Set cement retainer @ 4430'.

1/25/97 Mix and pump 400 sx of Super C modified.

1/28/97 Ran CBL from 4430' back to 3100'. Top of cement 3870'. Perf 4 squeeze holes in same plane @ 3820'.

1/29/97 Pump 20 bbls of mud flush. Follow flush w/250 sks of Super C-modified.

1/31/97 Ran CBL from 3800' to TOC @ 3090'. Perf 7-Rivers from 3690-3700' = 10' @ 2 spf = 20 holes and 3708-16' = 8' @ 2 spf = 16 holes. Acidize w/1800 gal of 10% NEFE acid.

2/05/97 Frac down 2-7/8" tbg w/21,500 gal of 30# Borate System + 37k# of 16/30 Brady Sd + 17.5k# of 16/30 RC Sd.

2/08/97 7th hr - 1 swab run - FL 3100' - Rec 3.0 BF - 7% oil w/salty water.

RECEIVED  
FEB 13 1997

I hereby certify that the foregoing is true and correct

Signed Allison Hernandez Title Engineering Technician Date 2/10/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

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

2A E Gem Delaware