

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N. Oil Cons on

P. 1980  
Habbs, NM 88241

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

Instructions on  
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.  
NM-56749

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal (USA) "L"

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Tonto Seven Rivers

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec 14, T19S, R33E

12. COUNTY OR  
PARISH  
Lea

13. STATE  
NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

2. NAME OF OPERATOR

Manzano Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 2107, Roswell, NM 88202-2107

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1650' FSL & 330' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

30-025-33902

DATE ISSUED

3/28/97

15. DATE SPUDDED

7/23/97

16. DATE T.D. REACHED

7/30/97

17. DATE COMPL. (Ready to prod.)

9/26/97

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)\*

3659' GL

19. ELEV. CASINGHEAD

3669' KB

20. TOTAL DEPTH, MD & TVD

3900'

21. PLUG, BACK T.D., MD & TVD

3848'

22. IF MULTIPLE COMPL.,  
HOW MANY\*

23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

3704-16' & 3626-36' (7-Rivers)

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MLL/GR, ZDL/CM/GR

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD       | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------------|---------------|
| 8-5/8"      | 24#             | 1455' KB       | 12-1/4"   | 500 sx Lite + 200 C1 C | None          |
| 4-1/2"      | 11.6#           | 3900' KB       | 7-7/8"    | 650 sx Lite + 300 C1 C | None          |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 3756'          |                 |

31. PERFORATION RECORD (Interval, size and number)

3704-16' = 12'

3626-36' = 10'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED                                                                                |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| 3704-16'            | Acidized w/2150 gal 20% NEFE<br>Frac w/412 bbls 30# Borate +<br>37,060# 16/30 Brady Sd + 17,560#<br>16/30 RC Sd |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| 9/27/97               |                 | Pumping                                                              |                         |          |            |                         | Producing                          |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 9/28/97               | 24              |                                                                      | →                       | 110      | 400        | 30                      | 3636                               |  |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
|                       |                 | →                                                                    | 110                     | 400      | 30         | 37.0                    |                                    |  |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

DLL/MLL/GR, ZDL/CM/GR

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Allison Hernandez

TITLE

Eng. Tech.

DATE

10/06/97

\*(See Instructions and Spaces for Additional Data on Reverse Side)

17. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                                                 | TOP                              |                  |
|-----------|-----|--------|-----------------------------|------------------------------------------------------|----------------------------------|------------------|
|           |     |        |                             |                                                      | MEAS. DEPTH                      | TRUE VERT. DEPTH |
|           |     |        |                             | B. Salt<br>T. Tansill<br>T. Yates<br>T. Seven Rivers | 3096'<br>3096'<br>3320'<br>3653' |                  |

Attached to and made a part of the completion form (Form 3160-4) dated 10/06/97 covering the Federal (USA) "L" #6. API #30-025-33902.

Item #32.

3626-36' Acidized w/1200 gal 15% NEFE.  
Frac w/540 bbls 30# Borate + 37k# 16/30 Brady Sd + 17.5k# 16/30  
RC Sd.