

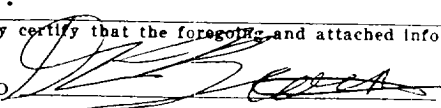
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N.M. Oil Cons. Division  
P.O. Box 1980  
Hobbs, NM 88241

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                                                 |                     |                                                                                 |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------|-----------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                    |                     | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 0554252                               |                             |
| b. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____ |                     | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                            |                             |
| 2. NAME OF OPERATOR<br>Manzano Oil Corporation                                                                                                                                                                                  |                     | 7. UNIT AGREEMENT NAME                                                          |                             |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 2107, Roswell, NM 88202-2107 (505) 623-1996                                                                                                                                                  |                     | 8. FARM OR LEASE NAME<br>Federal "9"                                            |                             |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 660' FNL & 1980' FEL<br><br>At top prod. interval reported below same<br><br>At total depth same                     |                     | 9. WELL NO.<br>1                                                                |                             |
| 14. PERMIT NO. _____ DATE ISSUED _____                                                                                                                                                                                          |                     | 10. FIELD AND POOL, OR WILDCAT<br>Antelope Ridge Atoka                          |                             |
| 15. DATE SPUDDED 5/27/98                                                                                                                                                                                                        |                     | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec 9, T24S, R34E          |                             |
| 16. DATE T.D. REACHED 6/23/98                                                                                                                                                                                                   |                     | 12. COUNTY OR PARISH<br>Lea                                                     |                             |
| 17. DATE COMPL. (Ready to prod.) 7/02/98                                                                                                                                                                                        |                     | 13. STATE<br>NM                                                                 |                             |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3552' GR                                                                                                                                                                                |                     | 19. ELEV. CASINGHEAD                                                            |                             |
| 20. TOTAL DEPTH, MD & TVD 14,134'                                                                                                                                                                                               |                     | 21. PLUG, BACK T.D., MD & TVD 12,838'                                           |                             |
| 22. IF MULTIPLE COMPLETIONS, HOW MANY?<br>ACCEPTED FOR RECORD<br>JUL 28 1990                                                                                                                                                    |                     | 23. INTERVALS DRILLED BY<br>ROTARY TOOLS _____ CABLE TOOLS _____                |                             |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>12,696 - 12,741'                                                                                                                               |                     | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                           |                             |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>On file.                                                                                                                                                                                |                     | 27. WAS WELL CORED<br>No                                                        |                             |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                              |                     |                                                                                 |                             |
| CASING SIZE                                                                                                                                                                                                                     | WEIGHT, LB./FT.     | DEPTH SET (MD)                                                                  | HOLE SIZE                   |
| 20"                                                                                                                                                                                                                             |                     | 1050'                                                                           | 26"                         |
| 13-3/8"                                                                                                                                                                                                                         |                     | 5500'                                                                           | 17-1/2"                     |
| 9-5/8"                                                                                                                                                                                                                          |                     | 12530'                                                                          | 12-1/4"                     |
| 5-1/2" (liner)                                                                                                                                                                                                                  |                     | 12113-14132'                                                                    | 7-7/8"                      |
| CEMENTING RECORD                                                                                                                                                                                                                |                     | AMOUNT PULLED                                                                   |                             |
| 1785                                                                                                                                                                                                                            |                     | None                                                                            |                             |
| 3293                                                                                                                                                                                                                            |                     | None                                                                            |                             |
| 3200                                                                                                                                                                                                                            |                     | None                                                                            |                             |
| 575                                                                                                                                                                                                                             |                     | None                                                                            |                             |
| 29. LINER RECORD                                                                                                                                                                                                                |                     |                                                                                 |                             |
| SIZE                                                                                                                                                                                                                            | TOP (MD)            | BOTTOM (MD)                                                                     | SACKS CEMENT*               |
|                                                                                                                                                                                                                                 |                     |                                                                                 |                             |
| 30. TUBING RECORD                                                                                                                                                                                                               |                     | PACKER SET (MD)                                                                 |                             |
| SIZE                                                                                                                                                                                                                            | DEPTH SET (MD)      |                                                                                 |                             |
|                                                                                                                                                                                                                                 |                     |                                                                                 |                             |
| 31. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                              |                     |                                                                                 |                             |
| 12,696-12,741' = 45' @ 2 spf = 90 holes                                                                                                                                                                                         |                     |                                                                                 |                             |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                  |                     |                                                                                 |                             |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                             |                     | AMOUNT AND KIND OF MATERIAL USED                                                |                             |
| 12,696-12,741'                                                                                                                                                                                                                  |                     | Frac w/4000 gal 15% NEFE acid                                                   |                             |
| 33.* PRODUCTION                                                                                                                                                                                                                 |                     |                                                                                 |                             |
| DATE FIRST PRODUCTION 7/01/98                                                                                                                                                                                                   |                     | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing |                             |
| DATE OF TEST 7/16/98                                                                                                                                                                                                            |                     | WELL STATUS (Producing or shut-in)<br>Producing                                 |                             |
| HOURS TESTED 24                                                                                                                                                                                                                 | CHOKE SIZE 21/64"   | PROD'N. FOR TEST PERIOD                                                         | OIL—BBL. 6                  |
|                                                                                                                                                                                                                                 |                     |                                                                                 | GAS—MCF. 66                 |
|                                                                                                                                                                                                                                 |                     |                                                                                 | WATER—BBL. 6                |
|                                                                                                                                                                                                                                 |                     |                                                                                 | GAS-OIL RATIO 11,000        |
| FLOW. TUBING PRESS. 100                                                                                                                                                                                                         | CASING PRESSURE 140 | CALCULATED 24-HOUR RATE                                                         | OIL GRAVITY-API (CORR.) 52° |
|                                                                                                                                                                                                                                 |                     |                                                                                 |                             |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                              |                     |                                                                                 |                             |
| TEST WITNESSED BY<br>Ronnie Carre                                                                                                                                                                                               |                     |                                                                                 |                             |
| 35. LIST OF ATTACHMENTS<br>None.                                                                                                                                                                                                |                     |                                                                                 |                             |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                               |                     |                                                                                 |                             |
| SIGNED                                                                                                                                       |                     | TITLE VP Engineering                                                            |                             |
|                                                                                                                                                                                                                                 |                     | DATE 7/21/98                                                                    |                             |

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

|                                                                                                                                                                                                                                     |     |        |                             |                      |             |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|-----------------------------|----------------------|-------------|------------------|
| 37. 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, flowing and shut-in pressures, and recoveries): |     |        |                             | 38. GEOLOGIC MARKERS |             |                  |
| FORMATION                                                                                                                                                                                                                           | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|                                                                                                                                                                                                                                     |     |        | On file.                    |                      |             |                  |