

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

|                                                                                                                                                                                                  |                       |                                                                                                                                                                                                     |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1a. TYPE OF WELL:                                                                                                                                                                                |                       | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                             |                |
| b. TYPE OF COMPLETION:                                                                                                                                                                           |                       | NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RENOV <input type="checkbox"/> Other _____ |                |
| 2. NAME OF OPERATOR<br>Manzano Oil Corporation                                                                                                                                                   |                       |                                                                                                                                                                                                     |                |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 2107, Roswell, NM 88202-2107                                                                                                                                  |                       |                                                                                                                                                                                                     |                |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):<br>At surface 660' FEL & 1980' FSL Unit I<br>At top prod. interval reported below<br>At total depth |                       |                                                                                                                                                                                                     |                |
| 14. PERMIT NO.<br>30-025-31501                                                                                                                                                                   |                       | DATE ISSUED<br>1-9-91                                                                                                                                                                               |                |
| 15. DATE SPUDDED<br>1-21-92                                                                                                                                                                      |                       | 16. DATE T.D. REACHED<br>2-7-92                                                                                                                                                                     |                |
| 17. DATE COMPL. (Ready to prod.)<br>3-8-92                                                                                                                                                       |                       | 18. ELEVATIONS (DF, KKB, RT, GE, ETC.):<br>3811 KB                                                                                                                                                  |                |
| 19. ELEV. CASINGHEAD<br>3798'                                                                                                                                                                    |                       | 20. TOTAL DEPTH, MD & TVD<br>6758'                                                                                                                                                                  |                |
| 21. PLUG, BACK T.D., MD & TVD<br>6696'                                                                                                                                                           |                       | 22. IF MULTIPLE COMPL., HOW MANY?<br>23. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS                                                                                                        |                |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD):<br>6460'-6483' DELAWARE                                                                                            |                       | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                               |                |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>CNL-LDL, DLL-Micro SFL                                                                                                                                   |                       | 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      |
| 8-5/8"                                                                                                                                                                                           | 24#                   | 1185'                                                                                                                                                                                               | 12-1/4"        |
| 5-1/2"                                                                                                                                                                                           | 17 & 15-1/2#          | 6758'                                                                                                                                                                                               | 7-7/8"         |
| 29. LINER RECORD                                                                                                                                                                                 |                       |                                                                                                                                                                                                     |                |
| SIZE                                                                                                                                                                                             | TOP (MD)              | BOTTOM (MD)                                                                                                                                                                                         | SACKS CEMENT*  |
| 30. TUBING RECORD                                                                                                                                                                                |                       |                                                                                                                                                                                                     |                |
| SIZE                                                                                                                                                                                             | DEPTH SET (MD)        | PACKER SET (MD)                                                                                                                                                                                     |                |
| 2-7/8"                                                                                                                                                                                           | 6503'                 |                                                                                                                                                                                                     |                |
| 31. PERFORATION RECORD (Interval, size and number)<br>6460'-6483' w/13 holes                                                                                                                     |                       |                                                                                                                                                                                                     |                |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                   |                       |                                                                                                                                                                                                     |                |
| DEPTH INTERVAL (MD)                                                                                                                                                                              |                       | AMOUNT AND KIND OF MATERIAL USED                                                                                                                                                                    |                |
| 6460-6483                                                                                                                                                                                        |                       | 1000 gal 7-1/2% NE/FE + clay stay + 20 balls                                                                                                                                                        |                |
| 33. PRODUCTION                                                                                                                                                                                   |                       |                                                                                                                                                                                                     |                |
| DATE FIRST PRODUCTION<br>3-8-92                                                                                                                                                                  |                       | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Pumping                                                                                                                     |                |
| DATE OF TEST<br>3-11-92                                                                                                                                                                          |                       | WELL STATUS (Producing or shut-in)<br>Producing                                                                                                                                                     |                |
| HOURS TESTED<br>24                                                                                                                                                                               | CHOKE SIZE<br>open    | PROD'N. FOR TEST PERIOD<br>OIL—BBL.<br>113                                                                                                                                                          | GAS—MCF<br>78  |
| WATER—BBL.<br>39                                                                                                                                                                                 | GAS-OIL RATIO<br>690  |                                                                                                                                                                                                     |                |
| FLOW. TUBING PRESS.<br>20                                                                                                                                                                        | CASING PRESSURE<br>20 | CALCULATED 24-HOUR RATE<br>OIL—BBL.<br>113                                                                                                                                                          | GAS—MCF.<br>78 |
| WATER—BBL.<br>39                                                                                                                                                                                 |                       | OIL GRAVITY-API (CORR.)<br>40.                                                                                                                                                                      |                |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                               |                       |                                                                                                                                                                                                     |                |
| 35. LIST OF ATTACHMENTS<br>CNL-LDL, DLL-Micro SFL                                                                                                                                                |                       |                                                                                                                                                                                                     |                |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                |                       |                                                                                                                                                                                                     |                |
| SIGNED <u>[Signature]</u>                                                                                                                                                                        |                       | TITLE Production Analyst                                                                                                                                                                            |                |
|                                                                                                                                                                                                  |                       | DATE 3/16/92                                                                                                                                                                                        |                |

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

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.

| 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                 | TOP         |                  |
|                                                                                                                                                                                                                                     |      |        |                             |                      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Salt                                                                                                                                                                                                                                | 1165 | 2500   | Salt                        |                      |             |                  |
| Tansill                                                                                                                                                                                                                             | 2500 | 3896   | Anhydrite, Dolomite, Shale  |                      |             |                  |
| Queen                                                                                                                                                                                                                               | 3896 | 4166   | Dolomite, Sand, Anhydrite   |                      |             |                  |
| Grayburg                                                                                                                                                                                                                            | 4166 | 4623   | Sand, Dolomite              |                      |             |                  |
| Delaware                                                                                                                                                                                                                            | 4623 | 6648   | Dolomite, Sand, Shale       |                      |             |                  |
| Bone Springs<br>Carbonate                                                                                                                                                                                                           | 6648 | TD     | Limestone                   |                      |             |                  |

RECEIVED  
JAN 10 1961  
U.S. GEOLOGICAL SURVEY