

November 1983)  
(Formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

| 1. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                                                                                                         |                                                                      | 5. LEASE DESIGNATION AND SERIAL NO.<br>USA-NM-0554967                        |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|---------------------------------|----------------------------------------------------------------------|------------------------------------|-------------------------------------------------------|------------------------------------|---------------|-------------------------|---------------|----------|---------|------------------------------|----|--------|-----------|-------|---------|---------------------------------|--|--|--|--|--------|--|--|
| 2. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> REPAIR <input type="checkbox"/> PILE BACK <input type="checkbox"/> DIFF. REMOVAL <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                     |                                                                      | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                         |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 3. NAME OF OPERATOR<br>Mobil Producing TX & NM Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      | 7. UNIT AGREEMENT NAME                                                       |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 8. ADDRESS OF OPERATOR<br>9 Greenway Plaza, Suite 2700, Houston, TX 77046                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                      | 8. FARM OR LEASE NAME<br>Government "K"                                      |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)<br>At surface 1950' FSL & 1980' FWL<br>At top prod. interval reported below Same as surface<br>At total depth Same as surface                                                                                                                                                                                                                                                                                                           |                                                                      | 9. WELL NO.<br>2                                                             |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 10. FIELD AND POOL OR WILDCAT<br>Querecho Plains Upper Bone Spring                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                      | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 23, T-18-S, R-32-E |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 12. PERMIT NO.<br>DATE ISSUED<br>9-3-86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                      | 12. COUNTY OR PARISH<br>Lea                                                  |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 13. STATE<br>New Mexico                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                      | 14. DATE SPUDDED<br>9-19-86                                                  |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 15. DATE T.D. REACHED<br>10-6-86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                      | 16. DATE COMPL. (Ready to prod.)<br>11-11-86                                 |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 17. ELEVATIONS (DP, RKB, RT, GR, ETC.)<br>GR-3770                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                      | 18. ELEV. CASINGHEAD                                                         |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 19. TOTAL DEPTH, MD & TVD<br>8900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                      | 20. PLUG BACK T.D., MD & TVD<br>8856                                         |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 21. IF MULTIPLE COMPL., HOW MANY?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                      | 22. INTERVALS DRILLED BY<br>ROTARY TOOLS<br>CABLE TOOLS                      |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>8454-8517 OA Bone Spring formation                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      | 24. WAS DIRECTIONAL SURVEY MADE<br>NO                                        |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 25. TYPE ELECTRIC AND OTHER LOGS RUN<br>Spectral Density Dual Spaced Neutron, Dual Guard Micro Guard                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      | 26. WAS WELL CORED<br>NO                                                     |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 27. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>MOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8"</td><td>48#</td><td>700'</td><td>17-1/2"</td><td>700x C &amp; 2% CALCHL &amp; 1/4" FC</td><td></td></tr><tr><td>8-5/8"</td><td>23# &amp; 32#</td><td>4800'</td><td>12-1/4"</td><td>3100x C &amp; 2% CALCHL in 3 stages</td><td></td></tr><tr><td></td><td></td><td></td><td>7-7/8"</td><td></td><td></td></tr></tbody></table> |                                                                      |                                                                              |                         | CASING SIZE                     | WEIGHT, LB./FT.                                                      | DEPTH SET (MD)                     | MOLE SIZE                                             | CEMENTING RECORD                   | AMOUNT PULLED | 13-3/8"                 | 48#           | 700'     | 17-1/2" | 700x C & 2% CALCHL & 1/4" FC |    | 8-5/8" | 23# & 32# | 4800' | 12-1/4" | 3100x C & 2% CALCHL in 3 stages |  |  |  |  | 7-7/8" |  |  |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WEIGHT, LB./FT.                                                      | DEPTH SET (MD)                                                               | MOLE SIZE               | CEMENTING RECORD                | AMOUNT PULLED                                                        |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 13-3/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48#                                                                  | 700'                                                                         | 17-1/2"                 | 700x C & 2% CALCHL & 1/4" FC    |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 8-5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 23# & 32#                                                            | 4800'                                                                        | 12-1/4"                 | 3100x C & 2% CALCHL in 3 stages |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |                                                                              | 7-7/8"                  |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 28. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>BACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td>5-1/2"</td><td>4408'</td><td>8900'</td><td>900x H</td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                           |                                                                      |                                                                              |                         | SIZE                            | TOP (MD)                                                             | BOTTOM (MD)                        | BACKS CEMENT*                                         | SCREEN (MD)                        | 5-1/2"        | 4408'                   | 8900'         | 900x H   |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | TOP (MD)                                                             | BOTTOM (MD)                                                                  | BACKS CEMENT*           | SCREEN (MD)                     |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 5-1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4408'                                                                | 8900'                                                                        | 900x H                  |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 29. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-7/8"</td><td>8556'</td><td>8314'</td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                   |                                                                      |                                                                              |                         | SIZE                            | DEPTH SET (MD)                                                       | PACKER SET (MD)                    | 2-7/8"                                                | 8556'                              | 8314'         |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DEPTH SET (MD)                                                       | PACKER SET (MD)                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 2-7/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8556'                                                                | 8314'                                                                        |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 30. PERFORATION RECORD (Interval, size and number)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| Perf 8454-8456, 8473-8496, 8499-8501, 8507-8515 (39 holes)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>8484-8515</td><td>Frac w/50,000 gal mini-max 340 &amp; 700,000# 20/40 sand.</td></tr></tbody></table>                                                                                                                                                                                                                                                                                                 |                                                                      |                                                                              |                         | DEPTH INTERVAL (MD)             | AMOUNT AND KIND OF MATERIAL USED                                     | 8484-8515                          | Frac w/50,000 gal mini-max 340 & 700,000# 20/40 sand. |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| DEPTH INTERVAL (MD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AMOUNT AND KIND OF MATERIAL USED                                     |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 8484-8515                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Frac w/50,000 gal mini-max 340 & 700,000# 20/40 sand.                |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 32. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td>11-13-86</td><td>2"x1-1/2"x24" Pump 7-1/2"x120" SPM</td><td>Producing</td></tr></tbody></table>                                                                                                                                                                                                                      |                                                                      |                                                                              |                         | DATE FIRST PRODUCTION           | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) | 11-13-86                                              | 2"x1-1/2"x24" Pump 7-1/2"x120" SPM | Producing     |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| DATE FIRST PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in)                                           |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 11-13-86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2"x1-1/2"x24" Pump 7-1/2"x120" SPM                                   | Producing                                                                    |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>11-24-86</td><td>24</td><td></td><td></td><td>69</td><td>90</td><td>24</td><td>1304</td></tr></tbody></table>                                                                                                                                                                                      |                                                                      |                                                                              |                         | DATE OF TEST                    | HOURS TESTED                                                         | CHOKE SIZE                         | PROD'N. FOR TEST PERIOD                               | OIL—BBL.                           | GAS—MCF.      | WATER—BBL.              | GAS-OIL RATIO | 11-24-86 | 24      |                              |    | 69     | 90        | 24    | 1304    |                                 |  |  |  |  |        |  |  |
| DATE OF TEST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | HOURS TESTED                                                         | CHOKE SIZE                                                                   | PROD'N. FOR TEST PERIOD | OIL—BBL.                        | GAS—MCF.                                                             | WATER—BBL.                         | GAS-OIL RATIO                                         |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 11-24-86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 24                                                                   |                                                                              |                         | 69                              | 90                                                                   | 24                                 | 1304                                                  |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| <table border="1"><thead><tr><th>FLOW, TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td>69</td><td>90</td><td>24</td><td>38.2</td></tr></tbody></table>                                                                                                                                                                                                        |                                                                      |                                                                              |                         | FLOW, TUBING PRESS.             | CASING PRESSURE                                                      | CALCULATED 24-HOUR RATE            | OIL—BBL.                                              | GAS—MCF.                           | WATER—BBL.    | OIL GRAVITY-API (CORR.) |               |          |         | 69                           | 90 | 24     | 38.2      |       |         |                                 |  |  |  |  |        |  |  |
| FLOW, TUBING PRESS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CASING PRESSURE                                                      | CALCULATED 24-HOUR RATE                                                      | OIL—BBL.                | GAS—MCF.                        | WATER—BBL.                                                           | OIL GRAVITY-API (CORR.)            |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |                                                                              | 69                      | 90                              | 24                                                                   | 38.2                               |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Flared                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 34. LIST OF ATTACHMENTS<br>Logs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| 35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |
| SIGNED <u>Glady M. Sulliva</u> TITLE <u>CARLSBAD, NEW MEXICO</u> DATE <u>12-1-86</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                      |                                                                              |                         |                                 |                                                                      |                                    |                                                       |                                    |               |                         |               |          |         |                              |    |        |           |       |         |                                 |  |  |  |  |        |  |  |

\*(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, 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 |
| Rustler<br>Queen<br>San Andres<br>Delaware<br>Bone Spring                                                                                                                                                                                          | 1145<br>3902<br>4748<br>5371<br>6835 | 3902<br>4748<br>5371<br>6835<br>8900 | Anhydrite<br>Sand-Limestone<br>Dolomite<br>Sand-Shale-Limestone<br>Limestone-sand |                      |             |                  |