

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

Form C-105  
Revised 10-1-78

CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

|                        |  |
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br>LG-3608                                                              |

|                                                                                                                                                                                                                                       |                                                |                                                                             |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                        |                                                | 7. Unit Agreement Name                                                      |                                                       |
| b. TYPE OF COMPLETION<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |                                                | 8. Farm or Lease Name<br>New Mexico "DA" State                              |                                                       |
| 2. Name of Operator<br>Exxon Corporation                                                                                                                                                                                              |                                                | 9. Well No.<br>2                                                            |                                                       |
| 3. Address of Operator<br>P. O. Box 1600, Midland, Texas 79702                                                                                                                                                                        |                                                | 10. Field and Pool, or Wildcat<br>Undesignated                              |                                                       |
| 4. Location of Well<br>UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM<br>THE <u>East</u> LINE OF SEC. <u>31</u> TWP. <u>21S</u> RGE. <u>35E</u> NMPM                              |                                                | 12. County<br>Lea                                                           |                                                       |
| 15. Date Spudded<br>4-14-82                                                                                                                                                                                                           | 16. Date T.D. Reached<br>7-6-82                | 17. Date Compl. (Ready to Prod.)<br>7-30-82                                 | 18. Elevations (DF, RKB, RT, GR, etc.)<br>DF 3668'    |
| 20. Total Depth<br>13,345'                                                                                                                                                                                                            | 21. Plug Back T.D.<br>13,250'                  | 22. If Multiple Compl., How Many<br>-                                       | 23. Intervals Drilled By<br>Rotary Tools<br>0-13,345' |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>12,638'-12,644', 24 shots; 12,804'-12,820', 64 shots                                                                                                             |                                                |                                                                             | 25. Was Directional Survey Made<br>No                 |
| 26. Type Electric and Other Logs Run<br>DLL, SFL, FDC, CNL                                                                                                                                                                            |                                                |                                                                             | 27. Was Well Cored<br>No                              |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                    |                                                |                                                                             |                                                       |
| CASING SIZE                                                                                                                                                                                                                           | WEIGHT LB./FT.                                 | DEPTH SET                                                                   | HOLE SIZE                                             |
| 13 3/8"                                                                                                                                                                                                                               | 45#                                            | 1794'                                                                       | 17 1/2"                                               |
| 10 3/4"                                                                                                                                                                                                                               | 51#                                            | 4790'                                                                       | 12 1/4"                                               |
| 5 1/2"                                                                                                                                                                                                                                | 20#, 17#                                       | 13,344'                                                                     | 6 1/2"                                                |
| 29. LINER RECORD                                                                                                                                                                                                                      |                                                | 30. TUBING RECORD                                                           |                                                       |
| SIZE                                                                                                                                                                                                                                  | TOP                                            | BOTTOM                                                                      | SACKS CEMENT                                          |
| 7 5/8"                                                                                                                                                                                                                                | 4475'                                          | 11,037'                                                                     | 1906                                                  |
| 31. Perforation Record (Interval, size and number)<br>12,638'-12,644', 24 shots<br>12,804'-12,820', 64 shots                                                                                                                          |                                                | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>Natural |                                                       |
| 33. PRODUCTION<br>Date First Production<br>7-26-82<br>Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flow<br>Well Status (Prod. or Shut-in)<br>51                                                             |                                                |                                                                             |                                                       |
| Date of Test<br>7-30-82                                                                                                                                                                                                               | Hours Tested<br>4 point test on attached sheet | Choke Size                                                                  | Prod'n. For Test Period                               |
| Flow Tubing Press.                                                                                                                                                                                                                    | Casing Pressure                                | Calculated 24-Hour Rate                                                     | Oil - Bbl.                                            |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Flared                                                                                                                                                                  |                                                | Test Witnessed By                                                           |                                                       |
| 35. List of Attachments                                                                                                                                                                                                               |                                                |                                                                             |                                                       |
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.                                                                                               |                                                |                                                                             |                                                       |
| SIGNED <u>D. F. Love</u>                                                                                                                                                                                                              |                                                | TITLE <u>Sr. Administrator</u>                                              |                                                       |
|                                                                                                                                                                                                                                       |                                                | DATE <u>August 18, 1982</u>                                                 |                                                       |

77 (9/13/82)

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

### Northwestern New Mexico

|                    |                     |         |                       |                   |
|--------------------|---------------------|---------|-----------------------|-------------------|
| T. Anhy            | Bell Canyon         | 5,710'  | T. Ojo Alamo          | T. Penn. "B"      |
| T. Salt            | T. Cherry Canyon    | 6,007'  | T. Kirtland-Fruitland | T. Penn. "C"      |
| T. Salt            | T. Brushy Canyon    | 7,130'  | T. Pictured Cliffs    | T. Penn. "D"      |
| T. Yates           | T. Atoka            | 11,880' | T. Cliff House        | T. Leadville      |
| T. 7 Rivers        | T. Atoka Lime       | 12,403' | T. Menefee            | T. Madison        |
| T. Queen           | T. Morrow           | 12,529' | T. Point Lookout      | T. Elbert         |
| T. Grayburg        | T. Morrow Clastics  | 12,693' | T. Mancos             | T. McCracken      |
| T. San Andres      | T. Simpson          |         | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta        | T. McKee            |         | Base Greenhorn        | T. Granite        |
| T. Paddock         | T. Ellenburger      |         | T. Dakota             |                   |
| T. Blinberry       | T. Gr. Wash         |         | T. Morrison           |                   |
| T. Tubb            | T. Granite          |         | T. Todilto            |                   |
| T. Drinkard        | T. Delaware Sand    |         | T. Entrada            |                   |
| T. Abo             | T. Bone Springs     | 8,314'  | T. Wingate            |                   |
| T. Wolfcamp        | T. 1st Bone Springs | 9,402'  | T. Chinle             |                   |
| T. Penn.           | T. 2nd "            | 9,955'  | T. Permian            |                   |
| T. Cisco (Bough C) | T. 3rd "            | 10,783' | T. Penn. "A"          |                   |

|             |         |    |               |             |  |    |
|-------------|---------|----|---------------|-------------|--|----|
| No. 1, from | 12,638' | to | 12,820' (gas) | No. 4, from |  | to |
| No. 2, from |         | to |               | No. 5, from |  | to |
| No. 3, from |         | to |               | No. 6, from |  | to |

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|             |  |    |  |      |
|-------------|--|----|--|------|
| No. 1, from |  | to |  | feet |
| No. 2, from |  | to |  | feet |
| No. 3, from |  | to |  | feet |
| No. 4, from |  | to |  | feet |

## FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness in Feet | Formation                 | From  | To    | Thickness in Feet | Formation                |
|-------|-------|-------------------|---------------------------|-------|-------|-------------------|--------------------------|
| 0     | 329   | 329               | Surface Rock              | 7250  | 8254  | 1004              | Sand-Shale               |
| 329   | 1188  | 859               | Redbed, Sand, Shale, Anhy | 8254  | 8750  | 496               | Lime-shale               |
| 1188  | 1417  | 229               | Redbed, Anhy, Lime        | 8750  | 9210  | 460               | Lime                     |
| 1417  | 1674  | 257               | Anhy, Shale               | 9210  | 9507  | 297               | Sand                     |
| 1674  | 1800  | 126               | Anhy                      | 9507  | 9940  | 433               | Lime-Sand                |
| 1800  | 3140  | 1340              | Salt                      | 9940  | 16140 | 200               | Lime-Sand-Shale          |
| 3140  | 3787  | 647               | Salt & Anhy               | 10140 | 10335 | 195               | Lime-Shale               |
| 3787  | 4150  | 363               | Lime, Anhy                | 10335 | 10530 | 195               | Lime-Sand-Shale          |
| 4150  | 4831  | 681               | Lime                      | 10530 | 10735 | 205               | Lime-Shale               |
| 4831  | 4988  | 157               | Lime, Anhy                | 10735 | 10940 | 205               | Sand-Lime                |
| 4988  | 5670  | 582               | Dolo-Lime                 | 10940 | 11042 | 102               | Lime-Shale               |
| 5670  | 6610  | 940               | Lime                      | 11042 | 11424 | 382               | Shale                    |
| 6610  | 7250  | 640               | Dolo-Lime-Sand            | 11424 | 11520 | 96                | Lime                     |
| 11520 | 11601 | 81                | Lime, Chert, Shale        | 12629 | 12687 | 58                | Chert, Lime, Sand, Shale |
| 11601 | 11667 | 66                | Chert, Lime               | 12687 | 12736 | 49                | Chert, Lime, Shale       |
| 11667 | 11770 | 103               | Lime                      | 12736 | 12759 | 23                | Lime, Sand, Shale        |
| 11770 | 11879 | 109               | Lime, Chert               | 12759 | 12934 | 175               | Shale, Sand              |

continued