

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| V-1671                                    |                              |

|                                                                                                                                         |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|------------------------------------|--|--------------------------------------|--|----------------------------------------|--|
| 1a. TYPE OF WELL                                                                                                                        |  | OIL WELL <input checked="" type="checkbox"/>                                                     |  | GAS WELL <input type="checkbox"/>  |  | DRY <input type="checkbox"/>         |  | OTHER <input type="checkbox"/>         |  |
| b. TYPE OF COMPLETION                                                                                                                   |  | NEW WELL <input checked="" type="checkbox"/>                                                     |  | WORK OVER <input type="checkbox"/> |  | DEEPEN <input type="checkbox"/>      |  | PLUG BACK <input type="checkbox"/>     |  |
| 2. Name of Operator                                                                                                                     |  | Yates Petroleum Corporation                                                                      |  | 3. Address of Operator             |  | 105 South 4th St., Artesia, NM 88210 |  | 7. Unit Agreement Name                 |  |
| 4. Location of Well                                                                                                                     |  | UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>North</u> LINE AND <u>330</u> FEET FROM |  | 12. County                         |  | Lea                                  |  | 8. Farm or Lease Name                  |  |
| THE <u>West</u> LINE OF SEC. <u>12</u> TWP. <u>17S</u> RGE. <u>33E</u> NMPM                                                             |  | 15. Date Spudded                                                                                 |  | 16. Date T.D. Reached              |  | 17. Date Compl. (Ready to Prod.)     |  | 18. Elevations (DF, RKB, RT, GR, etc.) |  |
| 7-12-87                                                                                                                                 |  | 7-21-87                                                                                          |  | 8-15-87                            |  | 4152.3' GR                           |  | 19. Elev. Casinghead                   |  |
| 20. Total Depth                                                                                                                         |  | 21. Plug Back T.D.                                                                               |  | 22. If Multiple Compl., How Many   |  | 23. Intervals Drilled By             |  | Rotary Tools                           |  |
| -4800'                                                                                                                                  |  | 4750'                                                                                            |  |                                    |  | →                                    |  | X                                      |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                       |  | 3767-3784' Queen                                                                                 |  | 25. Was Directional Survey Made    |  | No                                   |  | 27. Was Well Cored                     |  |
| 25. Type Electric and Other Logs Run                                                                                                    |  | CNL/FDC; DLL                                                                                     |  | No                                 |  |                                      |  |                                        |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                      |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| CASING SIZE                                                                                                                             |  | WEIGHT LB./FT.                                                                                   |  | DEPTH SET                          |  | HOLE SIZE                            |  | CEMENTING RECORD                       |  |
| 8-5/8"                                                                                                                                  |  | 24#                                                                                              |  | 1550'                              |  | 12-1/4"                              |  | 725 sx                                 |  |
| 5-1/2"                                                                                                                                  |  | 15.5#                                                                                            |  | 4800'                              |  | 7-7/8"                               |  | 515 sx                                 |  |
| 29. LINER RECORD                                                                                                                        |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| SIZE                                                                                                                                    |  | TOP                                                                                              |  | BOTTOM                             |  | SACKS CEMENT                         |  | SCREEN                                 |  |
|                                                                                                                                         |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| 30. TUBING RECORD                                                                                                                       |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| SIZE                                                                                                                                    |  | DEPTH SET                                                                                        |  | PACKER SET                         |  |                                      |  |                                        |  |
| 2-7/8"                                                                                                                                  |  | 3721'                                                                                            |  | -                                  |  |                                      |  |                                        |  |
| 31. Perforation Record (Interval, size and number)                                                                                      |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| 3767-75' & 3779-84' (2 SPF) w/26 .42" Holes                                                                                             |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                          |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| DEPTH INTERVAL                                                                                                                          |  | AMOUNT AND KIND MATERIAL USED                                                                    |  |                                    |  |                                      |  |                                        |  |
| 3767-84'                                                                                                                                |  | w/1500g. 7 1/2% acid. SF w/                                                                      |  |                                    |  |                                      |  |                                        |  |
|                                                                                                                                         |  | 30000g. gel KCL & 50000# 20/40                                                                   |  |                                    |  |                                      |  |                                        |  |
|                                                                                                                                         |  | sand.                                                                                            |  |                                    |  |                                      |  |                                        |  |
| 33. PRODUCTION                                                                                                                          |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| Date First Production                                                                                                                   |  | Production Method (Flowing, gas lift, pumping - Size and type pump)                              |  |                                    |  | Well Status (Prod. or Shut-in)       |  |                                        |  |
| 7-30-87                                                                                                                                 |  | Pumping                                                                                          |  |                                    |  | Producing                            |  |                                        |  |
| Date of Test                                                                                                                            |  | Hours Tested                                                                                     |  | Choke Size                         |  | Prod'n. For Test Period              |  | Oil - Bbl.                             |  |
| 8-15-87                                                                                                                                 |  | 24                                                                                               |  | Open                               |  | →                                    |  | 42                                     |  |
| Flow Tubing Press.                                                                                                                      |  | Casing Pressure                                                                                  |  | Calculated 24-Hour Rate            |  | Oil - Bbl.                           |  | Gas - MCF                              |  |
| 30                                                                                                                                      |  | 30                                                                                               |  | →                                  |  | 42                                   |  | 30 (est)                               |  |
|                                                                                                                                         |  |                                                                                                  |  |                                    |  |                                      |  | 39                                     |  |
|                                                                                                                                         |  |                                                                                                  |  |                                    |  |                                      |  | 39                                     |  |
|                                                                                                                                         |  |                                                                                                  |  |                                    |  |                                      |  | 36°                                    |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                              |  |                                                                                                  |  |                                    |  |                                      |  | Test Witnessed By                      |  |
| Vented -                                                                                                                                |  |                                                                                                  |  |                                    |  |                                      |  | Dan Dolan                              |  |
| 35. List of Attachments                                                                                                                 |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| Deviation Survey, Logs                                                                                                                  |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |
| 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                                                                                                                                  |  | Production Supervisor                                                                            |  |                                    |  | DATE                                 |  |                                        |  |
| 8/18/87                                                                                                                                 |  |                                                                                                  |  |                                    |  |                                      |  |                                        |  |

## 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 radioactivity 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 depth shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate 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 |  |                   |  |
|---------------------------|------|------------------|------|-------------------------|--|-------------------|--|
| Rustler                   | 1518 | T. Canyon        |      | T. Ojo Alamo            |  | T. Penn. "B"      |  |
| T. Anhy                   |      | T. Strawn        |      | T. Kirtland-Fruitland   |  | T. Penn. "C"      |  |
| T. Salt Salado            | 1632 | T. Atoka         |      | T. Pictured Cliffs      |  | T. Penn. "D"      |  |
| <del>U/Salt</del> Tansill | 2635 | T. Miss          |      | T. Cliff House          |  | T. Leadville      |  |
| T. Yates                  | 2819 | T. Devonian      |      | T. Menefee              |  | T. Madison        |  |
| T. 7 Rivers               | 2917 | T. Silurian      |      | T. Point Lookout        |  | T. Elbert         |  |
| T. Queen                  | 3756 | T. Montoya       |      | T. Mancos               |  | T. McCracken      |  |
| T. Grayburg               | 4254 | T. Simpson       |      | T. Gallup               |  | T. Ignacio Qtzite |  |
| T. San Andres             | 4558 | T. McKee         |      | Base Greenhorn          |  | T. Granite        |  |
| T. Glorieta               |      | T. Ellenburger   |      | T. Dakota               |  | T.                |  |
| T. Paddeek                |      | T. Gr. Wash      |      | T. Morrison             |  | T.                |  |
| T. Elinebry               |      | T. Granite       |      | T. Todilto              |  | T.                |  |
| T. Tubb                   |      | T. Delaware Sand |      | T. Entrada              |  | T.                |  |
| T. Drinkard               |      | T. Bone Springs  |      | T. Wingate              |  | T.                |  |
| T. Abo                    |      | T. Penrose       | 4110 | T. Chinle               |  | T.                |  |
| T. Wolfcamp               |      | T. Lovington SS  | 4673 | T. Permian              |  | T.                |  |
| T. Penn.                  |      | T.               |      | T. Penn. "A"            |  | T.                |  |
| T. Cisco (Bough C)        |      | T.               |      |                         |  |                   |  |

## OIL OR GAS SANDS OR ZONES

|                         |                         |
|-------------------------|-------------------------|
| No. 1, from.....to..... | 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    | 525  | 525               | Surface, Redbeds |      |    |                   |           |
| 525  | 1306 | 781               | Redbeds, Anhy    |      |    |                   |           |
| 1306 | 1550 | 244               | Anhy             |      |    |                   |           |
| 1550 | 1905 | 355               | Anhy, Salt       |      |    |                   |           |
| 1905 | 2600 | 695               | Salt             |      |    |                   |           |
| 2600 | 3089 | 489               | Anhy             |      |    |                   |           |
| 3089 | 3466 | 377               | Dolo             |      |    |                   |           |
| 3466 | 3615 | 149               | Anhy             |      |    |                   |           |
| 3615 | 4037 | 422               | Dolo, Anhy       |      |    |                   |           |
| 4037 | 4180 | 143               | Dolo, Anhy, Sd   |      |    |                   |           |
| 4180 | 4469 | 289               | Dolo, Anhy       |      |    |                   |           |
| 4469 | 4701 | 232               | Dolo             |      |    |                   |           |
| 4701 | 4800 | 99                | Dolo, Anhy       |      |    |                   |           |