

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |  |
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|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| 157                                                                    |

|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------|--------------------------------|
| 1a. TYPE OF WELL                                                                                                                        |                                                                     | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |                                                  | 7. Unit Agreement Name           |                                |
| b. TYPE OF COMPLETION                                                                                                                   |                                                                     | NEW WELL <input checked="" 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. Form or Lease Name            |                                |
| 2. Name of Operator                                                                                                                     |                                                                     | ARCO Oil and Gas Company<br>Division of Atlantic Richfield Company                                                                                                                                                      |                                                  | State 157 "D"                    |                                |
| 3. Address of Operator                                                                                                                  |                                                                     | Box 1710, Hobbs, New Mexico 88240                                                                                                                                                                                       |                                                  | 9. Well No.                      |                                |
| 4. Location of Well                                                                                                                     |                                                                     |                                                                                                                                                                                                                         |                                                  | 13                               |                                |
| UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE AND 330 FEET FROM                                                                   |                                                                     |                                                                                                                                                                                                                         |                                                  | 10. Field and Pool, or Wildcat   |                                |
| East LINE OF SEC. 12 TWP. 22S RGE. 36E NMPM                                                                                             |                                                                     |                                                                                                                                                                                                                         |                                                  | Drinkard                         |                                |
| 15. Date Spudded                                                                                                                        |                                                                     | 16. Date T.D. Reached                                                                                                                                                                                                   |                                                  | 17. Date Compl. (Ready to Prod.) |                                |
| 1/8/80                                                                                                                                  |                                                                     | 1/23/80                                                                                                                                                                                                                 |                                                  | 2/24/80                          |                                |
| 18. Elevations (DF, RKB, RT, GR, etc.)                                                                                                  |                                                                     | 19. Elev. Casinghead                                                                                                                                                                                                    |                                                  |                                  |                                |
| 3455.4' GR                                                                                                                              |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| 20. Total Depth                                                                                                                         |                                                                     | 21. Plug Back T.D.                                                                                                                                                                                                      |                                                  | 22. If Multiple Compl., How Many |                                |
| 6750'                                                                                                                                   |                                                                     | 6688'                                                                                                                                                                                                                   |                                                  |                                  |                                |
| 23. Intervals Drilled By                                                                                                                |                                                                     | Rotary Tools                                                                                                                                                                                                            |                                                  | Cable Tools                      |                                |
| 0-6750'                                                                                                                                 |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                       |                                                                     | 25. Was Directional Survey Made                                                                                                                                                                                         |                                                  |                                  |                                |
| 6516-6628' Drinkard                                                                                                                     |                                                                     | No                                                                                                                                                                                                                      |                                                  |                                  |                                |
| 26. Type Electric and Other Logs Run                                                                                                    |                                                                     | 27. Was Well Cored                                                                                                                                                                                                      |                                                  |                                  |                                |
| DLL, CD/CNL, GR Laserlog, CBL                                                                                                           |                                                                     | No                                                                                                                                                                                                                      |                                                  |                                  |                                |
| 28. CASING RECORD (Report all strings set in well)                                                                                      |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| CASING SIZE                                                                                                                             | WEIGHT LB./FT.                                                      | DEPTH SET                                                                                                                                                                                                               | HOLE SIZE                                        | CEMENTING RECORD                 | AMOUNT PULLED                  |
| 9-5/8" OD                                                                                                                               | 36# K-55                                                            | 1232'                                                                                                                                                                                                                   | 12 1/4"                                          | 550 SX                           |                                |
| 5 1/2" OD                                                                                                                               | 15.5# K-55                                                          | 6750'                                                                                                                                                                                                                   | 8-3/4"                                           | 3520 SX                          |                                |
| 29. LINER RECORD                                                                                                                        |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| SIZE                                                                                                                                    | TOP                                                                 | BOTTOM                                                                                                                                                                                                                  | SACKS CEMENT                                     | SCREEN                           |                                |
|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| 30. TUBING RECORD                                                                                                                       |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| SIZE                                                                                                                                    | DEPTH SET                                                           | PACKER SET                                                                                                                                                                                                              |                                                  |                                  |                                |
| 2-7/8" OD                                                                                                                               | 6670'                                                               | -                                                                                                                                                                                                                       |                                                  |                                  |                                |
| 31. Perforation Record (Interval, size and number)                                                                                      |                                                                     |                                                                                                                                                                                                                         | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |                                  |                                |
| 6516, 18, 20, 22, 24, 40, 48, 55, 62, 64, 66, 70, 72, 74, 78, 88, 94, 6600, 10, 18, 21, 6628' = 22 .49" holes                           |                                                                     |                                                                                                                                                                                                                         | DEPTH INTERVAL                                   |                                  |                                |
|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         | AMOUNT AND KIND MATERIAL USED                    |                                  |                                |
|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         | 6516-6628' 4000 gal 15% NE-HCL                   |                                  |                                |
|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         | 6516-6628' 40,000 gal gelled 2% KCL wtr &        |                                  |                                |
|                                                                                                                                         |                                                                     |                                                                                                                                                                                                                         | 20,000 gal CO2 w/90,000# sd, 500# BAF & 500# RS. |                                  |                                |
| 33. PRODUCTION                                                                                                                          |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| Date First Production                                                                                                                   | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                                                                                                                                                                                                         |                                                  |                                  | Well Status (Prod. or Shut-in) |
| 2/18/80                                                                                                                                 | Pumping 2" x 1 1/4" x 12"                                           |                                                                                                                                                                                                                         |                                                  |                                  | Prod.                          |
| Date of Test                                                                                                                            | Hours Tested                                                        | Choke Size                                                                                                                                                                                                              | Prod'n. For Test Period                          | Oil - Bbl.                       | Gas - MCF                      |
| 2/28/80                                                                                                                                 | 24                                                                  | -                                                                                                                                                                                                                       | 184                                              | 551                              | 77                             |
| Flow Tubing Press.                                                                                                                      | Casing Pressure                                                     | Calculated 24-Hour Rate                                                                                                                                                                                                 | Oil - Bbl.                                       | Gas - MCF                        | Water - Bbl.                   |
| -                                                                                                                                       | -                                                                   | 184                                                                                                                                                                                                                     | 551                                              | 77                               | 40.1°                          |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                              |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  | Test Witnessed By              |
| Sold                                                                                                                                    |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  | Jerry Guy                      |
| 35. List of Attachments                                                                                                                 |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| Logs as listed in Item 26 above & Inclination Report                                                                                    |                                                                     |                                                                                                                                                                                                                         |                                                  |                                  |                                |
| 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                                                                                                                                  |                                                                     | TITLE                                                                                                                                                                                                                   |                                                  | DATE                             |                                |
| L. Pa. Lee                                                                                                                              |                                                                     | Dist. Drlg. Supt.                                                                                                                                                                                                       |                                                  | 3/3/80                           |                                |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 40 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 1155.

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

### Southeastern New Mexico

### Northwestern New Mexico

|                     |                  |                       |                   |
|---------------------|------------------|-----------------------|-------------------|
| T. Anhy             | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"      |
| T. Salt             | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"      |
| B. Salt             | T. Atoka         | T. Pictured Cliffs    | T. Penn. "D"      |
| T. Yates 2592'      | T. Miss          | T. Cliff House        | T. Leadville      |
| T. 7 Rivers 2833'   | T. Devonian      | T. Menefee            | T. Madison        |
| T. Queen 3310'      | T. Silurian      | T. Point Lookout      | T. Elbert         |
| T. Grayburg 3618'   | T. Montoya       | T. Mancos             | T. McCracken      |
| T. San Andres 3874' | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta 5106'   | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock          | T. Ellenburger   | T. Dakota             | T.                |
| T. Blinberry 5435'  | T. Gr. Wash      | T. Morrison           | T.                |
| T. Tubb 6149'       | T. Granite       | T. Todilto            | T.                |
| T. Drinkard 6455'   | T. Delaware Sand | T. Entrada            | T.                |
| T. Abo              | T. Bone Springs  | T. Wingate            | T.                |
| T. Wolfcamp         | T.               | T. Chinle             | T.                |
| T. Penn.            | T.               | T. Permian            | T.                |
| T. Cisco (Bough C)  | T.               | T. Penn. "A"          | T.                |

### OIL OR GAS SANDS OR ZONES

|                            |                |
|----------------------------|----------------|
| No. 1, from 6516' to 6628' | 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 | None encountered |
| 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    | 70   | 70                | Surface            |      |    |                   |           |
| 70   | 425  | 355               | Red Bed, Anhydrite |      |    |                   |           |
| 425  | 840  | 415               | Anhy & Red Bed     |      |    |                   |           |
| 840  | 1220 | 380               | Anhy & Sd          |      |    |                   |           |
| 1220 | 1220 | 0                 | Anhy & Salt        |      |    |                   |           |
| 1220 | 1220 | 0                 | Anhy               |      |    |                   |           |
| 2430 | 5730 | 1310              | Lime               |      |    |                   |           |
| 5730 | 6200 | 470               | Lime & Sd          |      |    |                   |           |
| 6200 | 6385 | 185               | Lime, Shale, Sd    |      |    |                   |           |
| 6385 | 6430 | 45                | Lime, Sd           |      |    |                   |           |
| 6430 | 6750 | 320               | Lime, Shale, Sd    |      |    |                   |           |

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OIL CONSERVATION DIV.