

|                        |   |
|------------------------|---|
| NO. OF COPIES RECEIVED | 5 |
| DISTRIBUTION           |   |
| SANTA FE               | 1 |
| FILE                   | 1 |
| U.S.G.S.               | 2 |
| LAND OFFICE            |   |
| OPERATOR               | 1 |

Form C-105  
Revised 1-1-65

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

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

|  |  |                                 |  |  |  |   |  |                                       |  |                   |  |
|--|--|---------------------------------|--|--|--|---|--|---------------------------------------|--|-------------------|--|
| 1a. TYPE OF WELL   |  |                                 |  |  |  | 7. Unit Agreement Name  |  |                                       |  |                   |  |
| b. TYPE OF COMPLETION<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>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. Farm or Lease Name<br>Larcher  |  |                                       |  |                   |  |
| 2. Name of Operator<br>W. P. Carr  |  |                                 |  |  |  | 9. Well No.<br>4  |  |                                       |  |                   |  |
| 3. Address of Operator<br>6700 Forest Lane, Dallas, TX 75230   |  |                                 |  |  |  | 10. Field and Pool, or Wildcat<br>Blanco - PC   |  |                                       |  |                   |  |
| 4. Location of Well<br>UNIT LETTER <u>F</u> LOCATED <u>1667</u> FEET FROM THE <u>North</u> LINE AND <u>1850</u> FEET FROM<br>THE <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>31N</u> RGE. <u>10W</u> NMPM  |  |                                 |  |  |  | 12. County<br>San Juan  |  |                                       |  |                   |  |
| 15. Date Spudded<br>12-18-76   |  | 16. Date T.D. Reached<br>1-6-77 |  | 17. Date Compl. (Ready to Prod.)<br>1-22-77                                    |  | 18. Elevations (DF, RKB, RT, GR, etc.)<br>5939' GR - 5950' RKB  |  | 19. Elev. Casinghead                  |  |                   |  |
| 20. Total Depth<br>2875'   |  | 21. Plug Back T.D.<br>2778'     |  | 22. If Multiple Compl., How Many   |  | 23. Intervals Drilled By<br>Rotary Tools<br>0-2875'   |  | Cable Tools                           |  |                   |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>2690-2759' Pictured Cliffs  |  |                                 |  |  |  |   |  | 25. Was Directional Survey Made<br>No |  |                   |  |
| 26. Type Electric and Other Logs Run<br>IEL and Density  |  |                                 |  |  |  |   |  | 27. Was Well Cored<br>No              |  |                   |  |
| 28. CASING RECORD (Report all strings set in well)   |  |                                 |  |  |  |   |  |                                       |  |                   |  |
| CASING SIZE  |  | WEIGHT LB./FT.                  |  | DEPTH SET  |  | HOLE SIZE   |  | CEMENTING RECORD                      |  | AMOUNT PULLED     |  |
| 8-5/8"   |  | 24#                             |  | 188' RKB   |  | 12-1/4"   |  | 110 sx                                |  | None              |  |
| 2-7/8"   |  | 6.4#                            |  | 2857' RKB  |  | 6-3/4"  |  | 625 cu ft                             |  | None              |  |
| 29. LINER RECORD   |  |                                 |  |  |  |   |  |                                       |  | 30. TUBING RECORD |  |
| SIZE   |  | TOP                             |  | BOTTOM   |  | SACKS CEMENT  |  | SCREEN                                |  | PACKER SET        |  |
|  |  |                                 |  |  |  |   |  |                                       |  | None              |  |
| 31. Perforation Record (Interval, size and number)<br>One 2-1/8" glass jet/ft 2747-2759',<br>2736-2744', 2708-2716', 2698-2704',<br>2690-2694'. (Total of 19 holes)  |  |                                 |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>AMOUNT AND KIND MATERIAL USED<br>See completion report for<br>detailed information. |  |                                       |  |                   |  |
| 33. PRODUCTION<br>Date First Production<br>Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing<br>Well Status (Prod. or Shut-in)<br>Shut-in   |  |                                 |  |  |  |   |  |                                       |  |                   |  |
| Date of Test<br>1-31-77  |  | Hours Tested<br>3               |  | Choke Size<br>1/2"   |  | Prod'n. For Test Period<br>Oil - Bbl.<br>Gas - MCF<br>Water - Bbl.<br>1351 AOF  |  | Gas - Oil Ratio                       |  |                   |  |
| Flow Tubing Press.<br>---  |  | Casing Pressure<br>740 SI       |  | Calculated 24-Hour Rate<br>Oil - Bbl.<br>Gas - MCF<br>Water - Bbl.<br>1351 AOF |  | Oil Gravity - API (Corr.)   |  |                                       |  |                   |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)   |  |                                 |  |  |  |   |  | 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<br>Thomas A. Dugan  |  |                                 |  | TITLE<br>Petroleum Engineer  |  |   |  | DATE<br>2-8-77                        |  |                   |  |

## 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 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 _____            | 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 _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | 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. _____                |
| T. Blinebry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____        | 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. _____                |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation               |
|------|----|----------------------|-----------|------|----|----------------------|-------------------------|
|      |    |                      |           |      |    |                      | <u>Log Tops</u>         |
|      |    |                      |           |      |    |                      | Ojo Alamo - 1793'       |
|      |    |                      |           |      |    |                      | Kirtland - 1920'        |
|      |    |                      |           |      |    |                      | Fruitland - 2283'       |
|      |    |                      |           |      |    |                      | Pictured Cliffs - 2681' |