

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

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 checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| E-291-17                                  | E-291-26                     |

|                                                                                                                                                                                                                         |  |                                                                     |  |                                                |  |                                                             |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|------------------------------------------------|--|-------------------------------------------------------------|--|
| 1a. TYPE OF WELL                                                                                                                                                                                                        |  |                                                                     |  |                                                |  | 7. Unit Agreement Name                                      |  |
| OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |  |                                                                     |  |                                                |  | 8. Farm or Lease Name                                       |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                   |  |                                                                     |  |                                                |  | State A                                                     |  |
| 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"/> |  |                                                                     |  |                                                |  | 9. Well No.                                                 |  |
| 2. Name of Operator                                                                                                                                                                                                     |  |                                                                     |  |                                                |  | 113E                                                        |  |
| Caulkins Oil Company                                                                                                                                                                                                    |  |                                                                     |  |                                                |  | 10. Field and Pool, or Wildcat                              |  |
| 3. Address of Operator                                                                                                                                                                                                  |  |                                                                     |  |                                                |  | Blanco Mesa Verde                                           |  |
| P.O. Box 780 Farmington, New Mexico                                                                                                                                                                                     |  |                                                                     |  |                                                |  |                                                             |  |
| 4. Location of Well                                                                                                                                                                                                     |  |                                                                     |  |                                                |  |                                                             |  |
| UNIT LETTER <u>P</u> LOCATED <u>1110</u> FEET FROM THE <u>South</u> LINE AND <u>950</u> FEET FROM                                                                                                                       |  |                                                                     |  |                                                |  | 12. County                                                  |  |
| THE <u>East</u> LINE OF SEC. <u>2</u> TWP. <u>26N</u> RGE. <u>6W</u> NMMPM                                                                                                                                              |  |                                                                     |  |                                                |  | Rio Arriba                                                  |  |
| 15. Date Spudded                                                                                                                                                                                                        |  | 16. Date T.D. Reached                                               |  | 17. Date Compl. (Ready to Prod.)               |  | 18. Elevations (DF, RKB, RT, GR, etc.)                      |  |
| 6-08-81                                                                                                                                                                                                                 |  | 6-24-81                                                             |  | 9-10-81                                        |  | 6646' Gr.                                                   |  |
| 19. Elev. Casinghead                                                                                                                                                                                                    |  | 6646                                                                |  |                                                |  |                                                             |  |
| 20. Total Depth                                                                                                                                                                                                         |  | 21. Plug Back T.D.                                                  |  | 22. If Multiple Compl., How Many               |  | 23. Intervals Drilled By                                    |  |
| 7730                                                                                                                                                                                                                    |  | 7730                                                                |  |                                                |  | Rotary Tools 0-7730                                         |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                       |  |                                                                     |  |                                                |  | 25. Was Directional Survey Made                             |  |
| 4920 - 5547                                                                                                                                                                                                             |  |                                                                     |  |                                                |  | No                                                          |  |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                    |  |                                                                     |  |                                                |  | 27. Was Well Cored                                          |  |
| Induction - Gamma Ray Log                                                                                                                                                                                               |  |                                                                     |  |                                                |  | No                                                          |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                      |  |                                                                     |  |                                                |  |                                                             |  |
| CASING SIZE                                                                                                                                                                                                             |  | WEIGHT LB./FT.                                                      |  | DEPTH SET                                      |  | HOLE SIZE                                                   |  |
| 9 5/8"                                                                                                                                                                                                                  |  | 32.3#                                                               |  | 289                                            |  | 13 3/4"                                                     |  |
| 5 1/2"                                                                                                                                                                                                                  |  | 17 & 15.5#                                                          |  | 7730                                           |  | 7 7/8"                                                      |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                                |  |                                                             |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                                |  |                                                             |  |
| 29. LINER RECORD                                                                                                                                                                                                        |  |                                                                     |  | 30. TUBING RECORD                              |  |                                                             |  |
| SIZE                                                                                                                                                                                                                    |  | TOP                                                                 |  | BOTTOM                                         |  | PACKER SET                                                  |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                                |  | 5774                                                        |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                                |  |                                                             |  |
|                                                                                                                                                                                                                         |  |                                                                     |  |                                                |  |                                                             |  |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                      |  |                                                                     |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |                                                             |  |
| 1 .42" hole                                                                                                                                                                                                             |  |                                                                     |  | DEPTH INTERVAL                                 |  |                                                             |  |
| at following points: 5547                                                                                                                                                                                               |  |                                                                     |  | AMOUNT AND KIND MATERIAL USED                  |  |                                                             |  |
| 5402 5495 5525                                                                                                                                                                                                          |  |                                                                     |  | 5402 - 5547 49,000# 20-40 sand and 985         |  |                                                             |  |
| 5433 5514 4920 - 4940 1 .42" hole                                                                                                                                                                                       |  |                                                                     |  | Bbls. 20# Gel water                            |  |                                                             |  |
| 5438 5527 per foot                                                                                                                                                                                                      |  |                                                                     |  | 4920 - 4940 80,000# 20-40 sand and 1412        |  |                                                             |  |
| 5461 5539                                                                                                                                                                                                               |  |                                                                     |  | Bbls. 20# Gel water                            |  |                                                             |  |
| 33. PRODUCTION                                                                                                                                                                                                          |  |                                                                     |  |                                                |  |                                                             |  |
| Date First Production                                                                                                                                                                                                   |  | Production Method (Flowing, gas lift, pumping - Size and type pump) |  |                                                |  | Well Status (Prod. or Shut-in)                              |  |
| 9-17-81                                                                                                                                                                                                                 |  | Flowing                                                             |  |                                                |  | Shut in                                                     |  |
| Date of Test                                                                                                                                                                                                            |  | Hours Tested                                                        |  | Choke Size                                     |  | Prod'n. For Test Period                                     |  |
| 9-17-81                                                                                                                                                                                                                 |  | 3                                                                   |  | 3/4"                                           |  | Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio           |  |
| Flow Tubing Press.                                                                                                                                                                                                      |  | Casing Pressure                                                     |  | Calculated 24-Hour Rate                        |  | Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.) |  |
| 41                                                                                                                                                                                                                      |  | 603                                                                 |  |                                                |  | 751                                                         |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                              |  |                                                                     |  |                                                |  | Test Witnessed By                                           |  |
| Vented                                                                                                                                                                                                                  |  |                                                                     |  |                                                |  |                                                             |  |
| 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                                                                                                                                                                                                                  |  | TITLE                                                               |  |                                                |  | DATE                                                        |  |
| Charles Vergara                                                                                                                                                                                                         |  | Superintendent                                                      |  |                                                |  | 9-18-81                                                     |  |

# INSTRUCTIONS

This form is to be filled 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 filled 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. Penn. "B"            | 2580 |
| T. Salt                 | T. Strawn        | T. Penn. "C"            |      |
| T. Bates                | T. Atoka         | T. Penn. "D"            | 3130 |
| T. 7 Rivers             | T. Miss          | T. Pictured Cliffs      | 4912 |
| T. Queen                | T. Devonian      | T. Cliff House          | 4954 |
| T. Grayburg             | T. Silurian      | T. Menefee              | 5425 |
| T. San Andres           | T. Montoya       | T. Point Lookout        | 5550 |
| T. Glorieta             | T. Simpson       | T. Mancos               | 6717 |
| T. Paddock              | T. McKee         | T. Gallup               | 7311 |
| T. Blinberry            | T. Ellenburger   | T. Base Greenhorn       | 7390 |
| T. Tubb                 | T. Gr. Wash      | T. Dakota               |      |
| T. Drinkard             | T. Granite       | T. Morrison             |      |
| T. Abo                  | T. Todillo       | T. Entrada              |      |
| T. Wolfcamp             | T. Delaware Sand | T. Wingate              |      |
| T. Penn.                |                  | T. Chinle               |      |
| T. Cisco (Bough C)      |                  | T. Permian              |      |
|                         |                  | T. Penn. "A"            |      |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>In Feet | Formation    | From | To | Thickness<br>In Feet | Formation |
|------|------|----------------------|--------------|------|----|----------------------|-----------|
| 0    | 3130 | 3130                 | Sand & Shale |      |    |                      |           |
| 3130 | 3200 | 70                   | Sand         |      |    |                      |           |
| 3200 | 4912 | 1712                 | Sand & Shale |      |    |                      |           |
| 4912 | 4954 | 42                   | Sand         |      |    |                      |           |
| 4954 | 5425 | 471                  | Sand & Shale |      |    |                      |           |
| 5425 | 5550 | 125                  | Sand         |      |    |                      |           |
| 5550 | 7390 | 1840                 | Sand & Shale |      |    |                      |           |
| 7390 | 7730 | 340                  | Sand         |      |    |                      |           |