

|                        |  |
|------------------------|--|
| 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 ☐ Fee ☒  
5. State Oil & Gas Lease No.

|                                                                                                                                                                                                                               |                                                                     |                                                                 |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____                                                                                   |                                                                     | 7. Unit Agreement Name                                          |                                                            |
| b. TYPE OF COMPLETION<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 _____ |                                                                     | 8. Farm or Lease Name<br><b>Oriole</b>                          |                                                            |
| 2. Name of Operator<br><b>Crown Central Petroleum Corporation</b>                                                                                                                                                             |                                                                     | 9. Well No.<br><b>1</b>                                         |                                                            |
| 3. Address of Operator<br><b>4000 N. Big Spring, Suite 213, Midland, Texas 79705</b>                                                                                                                                          |                                                                     | 10. Field and Pool, or Wildcat<br><b>Nadine (Drinkard-Abol)</b> |                                                            |
| 4. Location of Well<br>UNIT LETTER <b>H</b> LOCATED <b>1650</b> FEET FROM THE <b>North</b> LINE AND <b>990</b> FEET FROM<br>THE <b>East</b> LINE OF SEC. <b>28</b> TWP. <b>19S</b> RGE. <b>38E</b> NMPM                       |                                                                     | 12. County<br><b>Lea</b>                                        |                                                            |
| 15. Date Spudded<br><b>2-13-87</b>                                                                                                                                                                                            | 16. Date T.D. Reached<br><b>3-6-87</b>                              | 17. Date Compl. (Ready to Prod.)                                | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3595.4 KB</b> |
| 19. Elev. Casinghead<br><b>3583.7</b>                                                                                                                                                                                         | 20. Total Depth<br><b>7600'</b>                                     |                                                                 |                                                            |
| 21. Plug Back T.D.<br><b>7599'</b>                                                                                                                                                                                            | 22. If Multiple Compl., How Many<br><b>--</b>                       | 23. Intervals Drilled By<br><b>Rotary Tools</b>                 | Cable Tools<br><b>--</b>                                   |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                             |                                                                     |                                                                 | 25. Was Directional Survey Made<br><b>Yes</b>              |
| 26. Type Electric and Other Logs Run<br><b>CNL-FDC-GR-Caliper, DLL-MSFL-BHC</b>                                                                                                                                               |                                                                     |                                                                 | 27. Was Well Cored<br><b>Yes (Sidewall)</b>                |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                            |                                                                     |                                                                 |                                                            |
| CASING SIZE                                                                                                                                                                                                                   | WEIGHT LB./FT.                                                      | DEPTH SET                                                       | HOLE SIZE                                                  |
| 8 5/8"                                                                                                                                                                                                                        | 24                                                                  | 1560'                                                           | 12 1/2"                                                    |
| 5 1/2"                                                                                                                                                                                                                        | 15.50 & 17                                                          | 7600'                                                           | 7 7/8"                                                     |
|                                                                                                                                                                                                                               |                                                                     | CEMENTING RECORD                                                |                                                            |
|                                                                                                                                                                                                                               |                                                                     | 600 sks "Lite", 200 sx "C"                                      |                                                            |
|                                                                                                                                                                                                                               |                                                                     | 990 sks Pacesetter Lite                                         |                                                            |
|                                                                                                                                                                                                                               |                                                                     | 420 sks 50:50 Poz.                                              |                                                            |
| 29. LINER RECORD                                                                                                                                                                                                              |                                                                     | 30. TUBING RECORD                                               |                                                            |
| SIZE                                                                                                                                                                                                                          | TOP                                                                 | BOTTOM                                                          | SACKS CEMENT                                               |
|                                                                                                                                                                                                                               |                                                                     |                                                                 | SCREEN                                                     |
|                                                                                                                                                                                                                               |                                                                     |                                                                 | SIZE                                                       |
|                                                                                                                                                                                                                               |                                                                     |                                                                 | DEPTH SET                                                  |
|                                                                                                                                                                                                                               |                                                                     |                                                                 | PACKER SET                                                 |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                            |                                                                     | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                  |                                                            |
|                                                                                                                                                                                                                               |                                                                     | DEPTH INTERVAL                                                  |                                                            |
|                                                                                                                                                                                                                               |                                                                     | AMOUNT AND KIND MATERIAL USED                                   |                                                            |
|                                                                                                                                                                                                                               |                                                                     |                                                                 |                                                            |
|                                                                                                                                                                                                                               |                                                                     |                                                                 |                                                            |
| 33. PRODUCTION                                                                                                                                                                                                                |                                                                     |                                                                 |                                                            |
| Date First Production                                                                                                                                                                                                         | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                                                 | Well Status (Prod. or Shut-in)                             |
| Date of Test                                                                                                                                                                                                                  | Hours Tested                                                        | Choke Size                                                      | Prod'n. For Test Period                                    |
|                                                                                                                                                                                                                               |                                                                     |                                                                 | 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.)                                  |
| 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 <b>[Signature]</b>                                                                                                                                                                                                     |                                                                     | TITLE <b>Petroleum Engineer</b>                                 |                                                            |
|                                                                                                                                                                                                                               |                                                                     | DATE <b>7-2-87</b>                                              |                                                            |

# 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. Canyon     | T. Ojo Alamo          | T. Penn. "B"       |
| T. Salt       | T. Kirtland-Fruitland | T. Penn. "C"       |
| T. Salt       | T. Pictured Cliffs    | T. Penn. "D"       |
| T. Yates      | T. Miss               | T. Leadville       |
| T. 7 Rivers   | T. Devonian           | T. Madison         |
| T. Queen      | T. Silurian           | T. Elbert          |
| T. Grayburg   | T. Montoya            | T. Mancos          |
| T. San Andres | T. Simpson            | T. Gallup          |
| T. Glorieta   | T. McKee              | T. Base Greenhorn  |
| T. Paddock    | T. Ellenburger        | T. Dakota          |
| T. Blinberry  | T. Gr. Wash           | T. Morrison        |
| T. Tubb       | T. Granite            | T. Todillo         |
| T. Drinkard   | T. Delaware Sand      | T. Entrada         |
| T. Abo        | T. Bone Springs       | T. Wingate         |
| T. Wolfcamp   | T. Chinle             | T. Permian         |
| T. Penn.      | T. Penn. "A"          | T. Cisco (Bough C) |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation            | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|----------------------|------|----|----------------------|-----------|
| 1670 | 2900 | 1230                 | Salt, Anhydrite      |      |    |                      |           |
| 2900 | 4338 | 1438                 | Sand, Anhydrite      |      |    |                      |           |
| 4338 | 5610 | 1272                 | Dolomite, Sand       |      |    |                      |           |
| 5610 | 1990 |                      | Dolomite, Sand, Lime |      |    |                      |           |
| 7600 |      |                      |                      |      |    |                      |           |

RECEIVED  
JUL 6 1987  
OCD  
HOBBS OFFICE