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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.<br><b>E-92</b> |                              |

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| 1a. TYPE OF WELL  |  | To be converted to injection when approved by O.C.C.   |  | 7. Unit Agreement Name                     |  |
| b. TYPE OF COMPLETION   |  | OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/> |  | 8. Farm or Lease Name<br><b>State E-92</b> |  |
| 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.<br><b>13</b>                   |  |

|  |  |  |  |
|--|--|--|--|
| 2. Name of Operator<br><b>Mercury Production Company</b>                                     |  | 10. Field and Pool, or Wildcat<br><b>Brown</b> |  |
| 3. Address of Operator<br><b>508 Fort Worth National Bank Bldg., Fort Worth, Texas 76102</b> |  |  |  |

|  |  |                             |  |
|--|--|-----------------------------|--|
| 4. Location of Well  |  | 12. County<br><b>Chaves</b> |  |
| UNIT LETTER <b>E</b> LOCATED <b>990</b> FEET FROM THE <b>West</b> LINE AND <b>1650</b> FEET FROM |  |                             |  |
| THE <b>North</b> LINE OF SEC. <b>26</b> TWP. <b>10S</b> RGE. <b>26E</b> NMPM                     |  |                             |  |

|                                     |  |  |   |                                     |
|-------------------------------------|--|--|---|-------------------------------------|
| 15. Date Spudded<br><b>12-12-66</b> | 16. Date T.D. Reached<br><b>12-17-66</b> | 17. Date Compl. (Ready to Prod.)<br><b>1-13-67</b> | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3730 Gr.</b> | 19. Elev. Casinghead<br><b>Same</b> |
| 20. Total Depth<br><b>756'</b>      | 21. Plug Back T.D.<br><b>748'</b>        | 22. If Multiple Compl., How Many<br><b>-</b>       | 23. Intervals Drilled By<br><b>756'</b>                   | Cable Tools<br><b>-</b>             |

|  |  |  |
|--|--|--|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>720-743' Queen</b> |  | 25. Was Directional Survey Made<br><b>No</b> |
|--|--|--|

|  |                                  |
|--|----------------------------------|
| 26. Type Electric and Other Logs Run<br><b>Gamma Ray-Neutron</b> | 27. Was Well Cored<br><b>Yes</b> |
|--|----------------------------------|

| 28. CASING RECORD (Report all strings set in well) |                |             |               |                                 |               |
|--|----------------|-------------|---------------|---------------------------------|---------------|
| CASING SIZE  | WEIGHT LB./FT. | DEPTH SET   | HOLE SIZE     | CEMENTING RECORD                | AMOUNT PULLED |
| <b>4 1/2"</b>                                      | <b>9.5#</b>    | <b>756'</b> | <b>7-7/8"</b> | <b>200 sacks, circ.</b>         | <b>None</b>   |
|  |                |             |               | <b>approx. 25 sx to surface</b> |               |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |             |           |            |
|------------------|-----|--------|--------------|-------------------|-------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE        | DEPTH SET | PACKER SET |
| <b>None</b>      |     |        |              |                   | <b>None</b> |           |            |

|   |  |  |                                       |
|---|--|--|---------------------------------------|
| 31. Perforation Record (Interval, size and number)<br><b>720-743' 8 jet shots</b> |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                       |
|   |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED         |
|   |  | <b>720-743</b>                                 | <b>3500 gal. water w/10,000# sand</b> |

| 33. PRODUCTION                             |                 |  |                         |            |              |  |                 |
|--|-----------------|--|-------------------------|------------|--------------|--|-----------------|
| Date First Production<br><b>Not tested</b> |                 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>To be converted to injection</b> |                         |            |              | Well Status (Prod. or Shut-in)<br><b>Shut in</b> |                 |
| 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.)<br><b>None</b> | 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>Frank Darden</b> | TITLE <b>Manager of Operations</b> | DATE <b>2-28-67</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. Anyh            | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"      |
| T. Salt 136'       | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"      |
| B. Salt 300'       | 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 715'      | 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 |
|------|-----|----------------------|------------------------|------|----|----------------------|-----------|
| 0    | 186 | 186                  | Anhydrite and red beds |      |    |                      |           |
|      | 300 | 114                  | Salt                   |      |    |                      |           |
|      | 715 | 415                  | Shale and anhydrite    |      |    |                      |           |
|      | 743 | 28                   | Oil sand               |      |    |                      |           |
|      | 756 | 13                   | Anhydrite              |      |    |                      |           |