

|                        |  |
|------------------------|--|
| 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.<br><b>B-10130</b> |                              |

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| 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. Farm or Lease Name<br><b>Murphy "A" State</b>   |  |
| 2. Name of Operator<br><b>Cayman Corporation</b>  |  |   |  | 9. Well No.<br><b>1</b>  |  |
| 3. Address of Operator<br><b>P. O. Box 1352, Roswell, New Mexico</b>  |  |   |  | 10. Field and Pool, or Wildcat<br><b>Undesignated</b>  |  |
| 4. Location of Well   |  |   |  | 12. County   |  |
| UNIT LETTER <b>J</b> LOCATED <b>1980</b> FEET FROM THE <b>South</b> LINE AND <b>1980</b> FEET FROM                                      |  |   |  | <b>Lea</b>   |  |
| THE <b>East</b> LINE OF SEC. <b>24</b> TWP. <b>10-S</b> RGE. <b>33-E</b> NMPM   |  |   |  |  |  |
| 15. Date Spudded<br><b>11-20-67</b>   | 16. Date T.D. Reached<br><b>12-28-67</b> | 17. Date Compl. (Ready to Prod.)<br><b>12-31-67</b>   | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>4205.6 G.L.</b> | 19. Elev. Casinghead<br><b>4205.6</b>  |  |
| 20. Total Depth<br><b>9950</b>  | 21. Plug Back T.D.<br><b>--</b>          | 22. If Multiple Compl., How Many<br><b>--</b>   | 23. Intervals Drilled By<br><b>0-9950</b>                    | 24. Producing Interval(s), of this completion -- Top, Bottom, Name<br><b>9878-82 Bough "C"</b> |  |
| 26. Type Electric and Other Logs Run<br><b>Sidewall Neutron Porosity, Laterolog, Microlaterolog</b>                                     |  |   |  | 25. Was Directional Survey Made<br><b>Yes</b>  |  |
| 27. Was Well Cored<br><b>No</b>   |  |   |  |  |  |
| 28. CASING RECORD (Report all strings set in well)  |  |   |  |  |  |
| CASING SIZE   | WEIGHT LB./FT.                           | DEPTH SET   | HOLE SIZE  | CEMENTING RECORD   | AMOUNT PULLED                                      |
| <b>13 3/8</b>   | <b>48</b>                                | <b>375</b>  | <b>17 1/4</b>  | <b>400</b>   |  |
| <b>8 5/8</b>  | <b>24 &amp; 32</b>                       | <b>4010</b>   | <b>12 1/4</b>  | <b>350</b>   |  |
| <b>5 1/2</b>  | <b>17</b>                                | <b>9950</b>   | <b>7 7/8</b>   | <b>535</b>   |  |
| 29. LINER RECORD  |  |   | 30. TUBING RECORD  |  |  |
| SIZE  | TOP                                      | BOTTOM  | SACKS CEMENT   | SCREEN   | PACKER SET   |
|   |  |   |  | <b>2 1/2</b>   | <b>9890</b>  |
| 31. Perforation Record (Interval, size and number)<br><b>9878-82</b><br><b>2 shots/ft 8-1/2" holes</b>                                  |  |   | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.               |  |  |
|   |  |   | DEPTH INTERVAL   |  |  |
|   |  |   | AMOUNT AND KIND MATERIAL USED                                |  |  |
|   |  |   | <b>9878-82</b>   |  |  |
|   |  |   | <b>Acid 500 MCA</b>  |  |  |
|   |  |   |  |  |  |
|   |  |   |  |  |  |
| 33. PRODUCTION  |  |   |  |  |  |
| Date First Production<br><b>12-31-67</b>  |  | Production Method (Flowing, gas lift, pumping -- Size and type pump)<br><b>Flowing</b>  |  |  | Well Status (Prod. or Shut-in)<br><b>Producing</b> |
| Date of Test<br><b>12-31-67</b>   | Hours Tested<br><b>24</b>                | Choke Size<br><b>1/2</b>  | Prod'n. For Test Period<br><b>440</b>                        | Oil -- Bbl.<br><b>319</b>  | Gas -- MCF<br><b>104</b>                           |
| Flw Tubing Press.<br><b>350</b>   | Casing Pressure<br><b>PKV</b>            | Calculated 24-Hour Rate<br><b>46</b>  | Oil -- Bbl.  | Gas -- MCF   | Water -- Bbl.                                      |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>Vented</b>   |  |   | Test Witnessed By<br><b>W. G. McCoy</b>                      |  |  |
| 35. List of Attachments<br><b>1 set logs</b>  |  |   |  |  |  |
| 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>W. G. McCoy</b>   |  | TITLE <b>Engineer</b>   |  | DATE <b>January 23, 1968</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. Anhy <b>1988</b>       | 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 <b>2685</b>      | 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 <b>3960</b> | T. Simpson       | T. Gallup             | T. Ignacio Qtzte |
| T. Glorieta <b>5400</b>   | T. McKee         | Base Greenhorn        | T. Granite       |
| T. Paddock                | T. Ellenburger   | T. Dakota             | T.               |
| T. Blinberry              | T. Gr. Wash      | T. Morrison           | T.               |
| T. Tubb <b>6885</b>       | T. Granite       | T. Todilto            | T.               |
| T. Drinkard               | T. Delaware Sand | T. Entrada            | T.               |
| T. Abo <b>7733</b>        | T. Bone Springs  | T. Wingate            | T.               |
| T. Wolfcamp <b>8992</b>   | 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    | 400  | 400                  | Red beds                   |      |    |                      |           |
| 400  | 1988 | 1588                 | Red beds and sand          |      |    |                      |           |
| 1988 | 2145 | 157                  | Anhydrite                  |      |    |                      |           |
| 2145 | 2468 | 323                  | Salt                       |      |    |                      |           |
| 2468 | 2690 | 222                  | Anhydrite & dolomite       |      |    |                      |           |
| 2690 | 2800 | 110                  | Sand                       |      |    |                      |           |
| 2800 | 3382 | 582                  | Anhydrite & dolomite       |      |    |                      |           |
| 3382 | 3960 | 578                  | Anhydrite, dolomite & sand |      |    |                      |           |
| 3960 | 5400 | 1440                 | Dolomite and lime          |      |    |                      |           |
| 5400 | 6884 | 1484                 | Dolomite and lime          |      |    |                      |           |
| 6884 | 7032 | 148                  | Sand                       |      |    |                      |           |
| 7032 | 7740 | 708                  | Dolomite & anhydrite       |      |    |                      |           |
| 7740 | 8990 | 1250                 | Shale, dolomite & lime     |      |    |                      |           |
| 8990 | 9950 | 960                  | Lime and dolomite          |      |    |                      |           |