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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. | OG 5791                                                                |

|                                                                                                                                                                                                                                                  |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------|---------------------|--------------------------------|-----------------|
| 1a. TYPE OF WELL                                                                                                                                                                                                                                 |                       |                                                                     |                                        | 7. Unit Agreement Name                                                              |                     |                                |                 |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                                       |                       |                                                                     |                                        | 8. Farm or Lease 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 <input type="checkbox"/> |                       |                                                                     |                                        | Murphy-state "B"                                                                    |                     |                                |                 |
| 2. Name of Operator                                                                                                                                                                                                                              |                       |                                                                     |                                        | 9. Well No.                                                                         |                     |                                |                 |
| Cayman Corporation                                                                                                                                                                                                                               |                       |                                                                     |                                        | 3                                                                                   |                     |                                |                 |
| 3. Address of Operator                                                                                                                                                                                                                           |                       |                                                                     |                                        | 10. Field and Pool, or Wildcat                                                      |                     |                                |                 |
| P. O. Box 2099, Palos Verdes Peninsula, Calif. 90274                                                                                                                                                                                             |                       |                                                                     |                                        | Vada Penn                                                                           |                     |                                |                 |
| 4. Location of Well                                                                                                                                                                                                                              |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM                                                                                                                                                |                       |                                                                     |                                        | 12. County                                                                          |                     |                                |                 |
| THE <u>East</u> LINE OF SEC. <u>7</u> TWP. <u>10-S</u> RGE. <u>34-E</u> NMPM                                                                                                                                                                     |                       |                                                                     |                                        | Lea                                                                                 |                     |                                |                 |
| 15. Date Spudded                                                                                                                                                                                                                                 | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.)                                    | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead                                                                |                     |                                |                 |
| 10-23-68                                                                                                                                                                                                                                         | 11-24-68              |                                                                     | 4238.5 GR                              | 4238                                                                                |                     |                                |                 |
| 20. Total Depth                                                                                                                                                                                                                                  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many                                    | 23. Intervals Drilled By               | Rotary Tools                                                                        | Cable Tools         |                                |                 |
| 9970                                                                                                                                                                                                                                             | 9902                  |                                                                     | →                                      | 0-9970                                                                              |                     |                                |                 |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                                |                       |                                                                     |                                        | 25. Was Directional Survey Made                                                     |                     |                                |                 |
| Top: 9882<br>Bottom: 9903                                                                                                                                                                                                                        |                       |                                                                     |                                        | NO                                                                                  |                     |                                |                 |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                                             |                       |                                                                     |                                        | 27. Was Well Cored                                                                  |                     |                                |                 |
| Acoustic, Guard & MOP                                                                                                                                                                                                                            |                       |                                                                     |                                        | NO                                                                                  |                     |                                |                 |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                               |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT LB./FT.        | DEPTH SET                                                           | HOLE SIZE                              | CEMENTING RECORD                                                                    |                     | AMOUNT PULLED                  |                 |
| 13 3/8                                                                                                                                                                                                                                           | 48                    | 374                                                                 | 17 1/2                                 | 400                                                                                 |                     |                                |                 |
| 8 5/8                                                                                                                                                                                                                                            | 24 & 32               | 3996                                                                | 11                                     | 350                                                                                 |                     |                                |                 |
| 5 1/2                                                                                                                                                                                                                                            | 17                    | 9970                                                                | 7 7/8                                  | 300                                                                                 |                     |                                |                 |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| SIZE                                                                                                                                                                                                                                             | TOP                   | BOTTOM                                                              | SACKS CEMENT                           | SCREEN                                                                              | SIZE                | DEPTH SET                      | PACKER SET      |
|                                                                                                                                                                                                                                                  |                       |                                                                     |                                        |                                                                                     | 2 3/8               | 9888                           | 9575            |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                                               |                       |                                                                     |                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                      |                     |                                |                 |
| 9886-94'<br>16 1/2" jets                                                                                                                                                                                                                         |                       |                                                                     |                                        | DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED<br>9886-94      750 gal. mud acid |                     |                                |                 |
| 33. PRODUCTION                                                                                                                                                                                                                                   |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| Date First Production                                                                                                                                                                                                                            |                       | Production Method (Flowing, gas lift, pumping - Size and type pump) |                                        |                                                                                     |                     | Well Status (Prod. or Shut-in) |                 |
| 12-1-68                                                                                                                                                                                                                                          |                       | Flowing                                                             |                                        |                                                                                     |                     | Prod.                          |                 |
| Date of Test                                                                                                                                                                                                                                     | Hours Tested          | Choke Size                                                          | Prod'n. For Test Period                | Oil - Bbl.                                                                          | Gas - MCF           | Water - Bbl.                   | Gas - Oil Ratio |
| 12-2-68                                                                                                                                                                                                                                          | 24                    | 1/2"                                                                | →                                      | 520                                                                                 | 860                 | 230                            | 1654            |
| Flow Tubing Press.                                                                                                                                                                                                                               | Casing Pressure       | Calculated 24-Hour Rate                                             | Oil - Bbl.                             | Gas - MCF                                                                           | Water - Bbl.        | Oil Gravity - API (Corr.)      |                 |
| 300                                                                                                                                                                                                                                              | Pkr.                  | →                                                                   |                                        |                                                                                     |                     | 46                             |                 |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                       |                       |                                                                     |                                        |                                                                                     |                     | Test Witnessed By              |                 |
| Vented                                                                                                                                                                                                                                           |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| 35. List of Attachments                                                                                                                                                                                                                          |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| One set of logs                                                                                                                                                                                                                                  |                       |                                                                     |                                        |                                                                                     |                     |                                |                 |
| 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 <u>J. Woodrich</u>                                                                                                                                                                                                                        |                       | TITLE <u>Engineer</u>                                               |                                        |                                                                                     | DATE <u>12-2-68</u> |                                |                 |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 duplicate 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 <u>2133</u>            | 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 <u>2746</u>           | 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 <u>4006</u>      | T. Simpson       | T. Gallup             | T. Ignacio Qtzite |
| T. Glorieta <u>5448</u>        | T. McKee         | Base Greenhorn        | T. Granite        |
| T. Paddock                     | T. Ellenburger   | T. Dakota             | T.                |
| T. Blinberry                   | T. Gr. Wash      | T. Morrison           | T.                |
| T. Tubb <u>6930</u>            | T. Granite       | T. Todilto            | T.                |
| T. Drinkard                    | T. Delaware Sand | T. Entrada            | T.                |
| T. Abo <u>7766</u>             | T. Bone Springs  | T. Wingate            | T.                |
| T. Wolfcamp                    | T.               | T. Chinle             | T.                |
| T. Penn.                       | T.               | T. Permian            | T.                |
| T. Cisco (Bough C) <u>9882</u> | 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    | 2130 | 2130                 | Red beds                         |      |    |                      |           |
| 2130 | 4000 | 1870                 | Anhydrite, red bed & salt        |      |    |                      |           |
| 4000 | 5450 | 1450                 | Dolomite & anhydrite             |      |    |                      |           |
| 5450 | 6930 | 1480                 | Sand, anhydrite & salt stringers |      |    |                      |           |
| 6930 | 7770 | 840                  | Anhydrite, dolo. & sand          |      |    |                      |           |
| 7770 | 8335 | 565                  | Shale, anhydrite & salt          |      |    |                      |           |
| 8335 | 9050 | 715                  | Dolomite & anhydrite             |      |    |                      |           |
| 9050 | 9970 | 920                  | Lime & Shale                     |      |    |                      |           |