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Form C-105  
Revised 1-1-65

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

406 12 19 1969

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |

|                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                                                                                                      |                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 1a. TYPE OF WELL                                                                                                                                                                                                                                                                                                                                                                                  |                                 | 7. Unit Agreement Name                                                                               |                                                   |
| b. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/><br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/><br>PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/> |                                 | 8. Farm or Lease Name<br>Merry Christmas                                                             |                                                   |
| 2. Name of Operator<br>SOLAR OIL COMPANY                                                                                                                                                                                                                                                                                                                                                          |                                 | 9. Well No.<br>1                                                                                     |                                                   |
| 3. Address of Operator<br>P. O. Box 5596 Midland, Texas                                                                                                                                                                                                                                                                                                                                           |                                 | 10. Field and Pool, or Wildcat<br>Undesignated                                                       |                                                   |
| 4. Location of Well                                                                                                                                                                                                                                                                                                                                                                               |                                 |                                                                                                      |                                                   |
| UNIT LETTER <u>L</u> LOCATED <u>660</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM                                                                                                                                                                                                                                                                                                  |                                 | 12. County<br>Lea                                                                                    |                                                   |
| THE <u>South</u> LINE OF SEC. <u>30</u> TWP. <u>21-S</u> RGE. <u>38-E</u> NMPM                                                                                                                                                                                                                                                                                                                    |                                 |                                                                                                      |                                                   |
| 15. Date Spudded<br>12-13-68                                                                                                                                                                                                                                                                                                                                                                      | 16. Date T.D. Reached<br>1-5-69 | 17. Date Compl. (Ready to Prod.)                                                                     | 18. Elevations (DF, RKB, RT, GR, etc.)<br>3414.2' |
| 20. Total Depth<br>7600'                                                                                                                                                                                                                                                                                                                                                                          | 21. Plug Back T.D.<br>7522'     | 22. If Multiple Compl., How Many<br>two                                                              | 23. Intervals Drilled By<br>Rotary Tools<br>0-TD  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>7513' - 7168' Abo 6806' - 6661' Drinkard                                                                                                                                                                                                                                                                                     |                                 |                                                                                                      | 25. Was Directional Survey Made<br>No             |
| 26. Type Electric and Other Logs Run<br>GR-BHC A/L; LL; GR-N                                                                                                                                                                                                                                                                                                                                      |                                 |                                                                                                      | 27. Was Well Cored<br>No                          |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                                                |                                 |                                                                                                      |                                                   |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                                       | WEIGHT LB./FT.                  | DEPTH SET                                                                                            | HOLE SIZE                                         |
| 9-5/8"                                                                                                                                                                                                                                                                                                                                                                                            | 36#                             | 910'                                                                                                 | 13-3/8"                                           |
| 7"                                                                                                                                                                                                                                                                                                                                                                                                | 23# & 26#                       | 7600'                                                                                                | 8-3/4"                                            |
| CEMENTING RECORD                                                                                                                                                                                                                                                                                                                                                                                  |                                 | AMOUNT PULLED                                                                                        |                                                   |
| 510 sx Circ.                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                                                                                      |                                                   |
| 650 sx                                                                                                                                                                                                                                                                                                                                                                                            |                                 |                                                                                                      |                                                   |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                                                  |                                 |                                                                                                      |                                                   |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                              | TOP                             | BOTTOM                                                                                               | SACKS CEMENT                                      |
| SCREEN                                                                                                                                                                                                                                                                                                                                                                                            |                                 |                                                                                                      |                                                   |
| 2-3/8"                                                                                                                                                                                                                                                                                                                                                                                            |                                 | 6627'                                                                                                |                                                   |
| 2-3/8"                                                                                                                                                                                                                                                                                                                                                                                            |                                 | 7302'                                                                                                |                                                   |
| 30. TUBING RECORD                                                                                                                                                                                                                                                                                                                                                                                 |                                 |                                                                                                      |                                                   |
| SIZE                                                                                                                                                                                                                                                                                                                                                                                              |                                 | DEPTH SET                                                                                            |                                                   |
| 2-3/8"                                                                                                                                                                                                                                                                                                                                                                                            |                                 | 6627'                                                                                                |                                                   |
| 2-3/8"                                                                                                                                                                                                                                                                                                                                                                                            |                                 | 7302'                                                                                                |                                                   |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                                                                                                                                                                                                |                                 | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                       |                                                   |
| SEE ATTACHED                                                                                                                                                                                                                                                                                                                                                                                      |                                 | DEPTH INTERVAL                                                                                       |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                 | AMOUNT AND KIND MATERIAL USED                                                                        |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                                                                                                      |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                                                                                                      |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |                                                                                                      |                                                   |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                                                                                    |                                 |                                                                                                      |                                                   |
| Date First Production<br>Abo 1-25-69<br>Drinkard 2-22-69                                                                                                                                                                                                                                                                                                                                          |                                 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pmpg 2" X 1-1/2" X 16" insert |                                                   |
| Date of Test                                                                                                                                                                                                                                                                                                                                                                                      |                                 | Well Status (Prod. or Shut-in)<br>Testing                                                            |                                                   |
| 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 <u>MJ Smith</u>                                                                                                                                                                                                                                                                                                                                                                            |                                 | TITLE <u>Production Clerk</u>                                                                        |                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                   |                                 | DATE <u>August 11, 1969</u>                                                                          |                                                   |

# 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 _____ 1490       | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____ 1572       | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| T. Salt _____ 2725       | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates _____ 2888      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____ 3140   | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____ 3713      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____ 3886   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____ 4296 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____ 5540   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinbry _____ 5980    | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____ 6485       | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____ 6657   | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____ 7110        | 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    | 1490 |                      | Redbeds       |      |    |                      |           |
| 1490 | 1583 |                      | Anhy          |      |    |                      |           |
| 1583 | 2730 |                      | Salt          |      |    |                      |           |
| 2730 | 2896 |                      | Anhy & sh     |      |    |                      |           |
| 2896 | 3148 |                      | Sd, anhy & sh |      |    |                      |           |
| 3148 | 3722 |                      | Dolo, Anhy    |      |    |                      |           |
| 3722 | 3793 |                      | Sdy anhy      |      |    |                      |           |
| 3793 | 4299 |                      | Dolo, anhy    |      |    |                      |           |
| 4299 | 5630 |                      | Dolo          |      |    |                      |           |
| 5630 | 5785 |                      | Sdy Dolo      |      |    |                      |           |
| 5785 | 6494 |                      | Dolo          |      |    |                      |           |
| 6494 | 6548 |                      | Dolo & sd     |      |    |                      |           |
| 6548 | 6990 |                      | Dolo          |      |    |                      |           |
| 6990 | 7088 |                      | Dolo & sh     |      |    |                      |           |
| 7088 | TD   |                      | Dolo          |      |    |                      |           |