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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 type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |
|                                |                                         |

|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|------------------------------------|--|----------------------------------------|--|------------------------------------|--|---------------------------------|--|
| 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"/> |  | 8. Farm or Lease Name           |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | Royalty Holding                 |  |
| 2. Name of Operator                                                                                                                     |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 9. Well No.                     |  |
| SOLAR OIL COMPANY                                                                                                                       |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 1                               |  |
| 3. Address of Operator                                                                                                                  |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 10. Field and Pool, or Wildcat  |  |
| Box 5596 Midland, Texas                                                                                                                 |  |                                                                     |  |                                    |  |                                        |  |                                    |  | Wantz Abo                       |  |
| 4. Location of Well                                                                                                                     |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| UNIT LETTER <u>B</u> LOCATED <u>1980</u> FEET FROM THE <u>East</u> LINE AND <u>660</u> FEET FROM                                        |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 12. County                      |  |
| THE North LINE OF SEC. <u>25</u> TWP. <u>21S</u> RGE. <u>37E</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               |  |                                 |  |
| 11-17-68                                                                                                                                |  | 12-11-68                                                            |  | 1-21-69                            |  | 3406.8 Gr.                             |  | 3406.8                             |  |                                 |  |
| 20. Total Depth                                                                                                                         |  | 21. Plug Back T.D.                                                  |  | 22. If Multiple Compl., How Many   |  | 23. Intervals Drilled By               |  | Rotary Tools                       |  | Cable Tools                     |  |
| 7500                                                                                                                                    |  | 7470                                                                |  | 2                                  |  | →                                      |  | 0-TD                               |  |                                 |  |
| 24. Producing Interval(s), of this completion — Top, Bottom, Name                                                                       |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 25. Was Directional Survey Made |  |
| 7437-7046 Abo 6760-6532 Drinkard                                                                                                        |  |                                                                     |  |                                    |  |                                        |  |                                    |  | No                              |  |
| 26. Type Electric and Other Logs Run                                                                                                    |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 27. Was Well Cored              |  |
| Acoustic-Gamma-Lateral                                                                                                                  |  |                                                                     |  |                                    |  |                                        |  |                                    |  | No                              |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                      |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| CASING SIZE                                                                                                                             |  | WEIGHT LB./FT.                                                      |  | DEPTH SET                          |  | HOLE SIZE                              |  | CEMENTING RECORD                   |  | AMOUNT PULLED                   |  |
| 9-5/8"                                                                                                                                  |  | 36 #                                                                |  | 910                                |  | 12-1/4"                                |  | 330 SX                             |  |                                 |  |
| 7"                                                                                                                                      |  | 26-23#                                                              |  | 7500                               |  | 8-3/4"                                 |  | 785 SX.                            |  |                                 |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 29. LINER RECORD                                                                                                                        |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| SIZE                                                                                                                                    |  | TOP                                                                 |  | BOTTOM                             |  | SACKS CEMENT                           |  | SCREEN                             |  | 30. TUBING RECORD               |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | SIZE                            |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | DEPTH SET                       |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | PACKER SET                      |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 2-3/8"                          |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 7188                            |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 6951                            |  |
| 31. Perforation Record (Interval, size and number)                                                                                      |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 7437-7247 33 1/2" holes                                                                                                                 |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 7210-7046 17 1/2" holes                                                                                                                 |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 6760-6743 8 1/2" holes                                                                                                                  |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 6625-6532 16 1/2" Holes                                                                                                                 |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                          |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| DEPTH INTERVAL                                                                                                                          |  |                                                                     |  |                                    |  | AMOUNT AND KIND MATERIAL USED          |  |                                    |  |                                 |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  | See attached                           |  |                                    |  |                                 |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 33. PRODUCTION                                                                                                                          |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| Date First Production                                                                                                                   |  | Production Method (Flowing, gas lift, pumping — Size and type pump) |  |                                    |  |                                        |  | Well Status (Prod. or Shut-in)     |  |                                 |  |
| 1-21-69                                                                                                                                 |  | Pumping 2" x 1-12/16" x 16'                                         |  |                                    |  |                                        |  | Prod.                              |  |                                 |  |
| Date of Test                                                                                                                            |  | Hours Tested                                                        |  | Choke Size                         |  | Prod'n. For Test Period                |  | Oil — Bbl.                         |  | Gas — MCF                       |  |
| 2-22-69                                                                                                                                 |  | 24                                                                  |  |                                    |  | →                                      |  | 56.75                              |  | 12                              |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | Water — Bbl.                    |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 11.35                           |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | Gas — Oil Ratio                 |  |
|                                                                                                                                         |  |                                                                     |  |                                    |  |                                        |  |                                    |  | 216                             |  |
| Flow Tubing Press.                                                                                                                      |  | Casing Pressure                                                     |  | Calculated 24-Hour Rate            |  | Oil — Bbl.                             |  | Gas — MCF                          |  | Water — Bbl.                    |  |
| 33 PSI                                                                                                                                  |  | 33 PSI                                                              |  | →                                  |  | 56.75                                  |  | 12                                 |  | 11.35                           |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                              |  |                                                                     |  |                                    |  |                                        |  |                                    |  | Test Witnessed By               |  |
| Vented                                                                                                                                  |  |                                                                     |  |                                    |  |                                        |  |                                    |  | Ron Yancy                       |  |
| 35. List of Attachments                                                                                                                 |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| GR-N                                                                                                                                    |  |                                                                     |  |                                    |  |                                        |  |                                    |  |                                 |  |
| 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>M J Smith</u> TITLE <u>Production Clerk</u> DATE <u>4/2/69</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 <u>1430</u>       | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt <u>1515</u>       | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt <u>2638</u>       | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates <u>2805</u>      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers <u>3040</u>   | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>3630</u>      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg <u>3736</u>   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>4206</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta <u>5454</u>   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry <u>5853</u>   | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb <u>6370</u>       | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard <u>6519</u>   | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo <u>6955</u>        | 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    | 1430 |                      | Red Beds               |      |    |                      |           |
| 1430 | 1515 |                      | Anhy                   |      |    |                      |           |
| 1515 | 2640 |                      | Salt, So Gyp.          |      |    |                      |           |
| 2640 | 2815 |                      | Shale, Anhy.           |      |    |                      |           |
| 2815 | 3045 |                      | Sand, Anhy, So. shale  |      |    |                      |           |
| 3045 | 3640 |                      | Dolomite, So. shale    |      |    |                      |           |
| 3640 | 3805 |                      | Sand, Anhy., So. shale |      |    |                      |           |
| 3805 | 5460 |                      | Dolomite               |      |    |                      |           |
| 5460 | 5610 |                      | Sdy. dolomite          |      |    |                      |           |
| 5610 | 6960 |                      | Dolomite               |      |    |                      |           |
| 6960 | 7080 |                      | Dolomite, So. shale    |      |    |                      |           |
| 7080 | 7500 |                      | Dolomite               |      |    |                      |           |

ROYALTY HOLDING NO. 1

| <u>Depth</u>             | <u>No. of<br/>Holes</u> | <u>Size</u> |                                                                                                         |
|--------------------------|-------------------------|-------------|---------------------------------------------------------------------------------------------------------|
| 7378-7437                | 16                      | 1/2"        | Ac 1000 gal 15% NE                                                                                      |
| 7316-7247                | 17                      | 1/2"        | Ac 1500 gal 15% NE                                                                                      |
|                          |                         |             | Treat perf. 7437-7247 w/6000 gal 28% NE & 6000 gal 15% NE & 30,000 gal treated wtr.                     |
| 7210-7145 &<br>7112-7046 | 17                      | 1/2"        | Break w/1000 gal 15% Ac. Each set. Treat w/6000 gal 28%, 6000 gal 15% NE acid & 30,000 gal treated wtr. |
| 6743-6760                | 8                       | 1/2"        | Ac 1500 gal 15% NEFE started frac w/30,000 gal MOD brine 1# sand on formation - screened out.           |
| 6625-6532                | 16                      | 1/2"        | Ac 1500 gal 15% NEFE frac w/30,000 gal MOD brine 37,900# 20-40 sand.                                    |