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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.   |                                         |

|                       |                                                                                                                                                                                                      |                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| 1. TYPE OF WELL       | OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                              | 7. Unit Agreement Name |
| 2. 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 _____ | 8. Farm or Lease Name  |

|                                          |                                |
|------------------------------------------|--------------------------------|
| 3. Name of Operator                      | 9. Well No.                    |
| Southland Royalty Company                | Lawson Federal                 |
| 4. Address of Operator                   | 10. Field and Pool, or Wildcat |
| P. O. Drawer 570, Farmington, New Mexico | #1-A                           |

|                                                                                                        |            |
|--------------------------------------------------------------------------------------------------------|------------|
| 4. Location of Well                                                                                    | 12. County |
| UNIT LETTER <u>A</u> LOCATED <u>900</u> FEET FROM THE <u>North</u> LINE AND <u>930</u> FEET FROM _____ | San Juan   |
| 5. East LINE OF SEC. <u>31</u> TWP. <u>32N</u> RGE. <u>11W</u> NMPM                                    |            |

|                  |                       |                                  |                                        |                      |
|------------------|-----------------------|----------------------------------|----------------------------------------|----------------------|
| 11. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead |
| 3-12-78          | 3-19-78               | 4-17-78                          | 6490' GR                               |                      |
| 20. Total Depth  | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools         |
| 5790'            | 5790'                 |                                  | 0-5790                                 | Cable Tools          |

|                                                                   |                                 |
|-------------------------------------------------------------------|---------------------------------|
| 24. Producing Interval(s), of this completion — Top, Bottom, Name | 25. Was Directional Survey Made |
| 4716'-5264' Cliff House                                           | Deviation                       |
| 5298'-5728' Point Lookout                                         |                                 |

|                                                                |                    |
|----------------------------------------------------------------|--------------------|
| 26. Type Electric and Other Logs Run                           | 27. Was Well Cored |
| GR-Induction, GR-Density, SW Neutron Porosity & GR-Correlation | 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#            | 242'      | 12-1/4"   | 110 SXS          |               |
| 7"                                                 | 20#            | 3406'     | 8-3/4"    | 220 SXS          |               |

| 29. LINER RECORD |       |        |              | 30. TUBING RECORD |        |           |            |
|------------------|-------|--------|--------------|-------------------|--------|-----------|------------|
| SIZE             | TOP   | BOTTOM | SACKS CEMENT | SCREEN            | SIZE   | DEPTH SET | PACKER SET |
| 4-1/2"           | 3270' | 5790'  | 320 SXS      |                   | 2-3/8" | 5739'     |            |

|                                                    |                                                  |
|----------------------------------------------------|--------------------------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |
| Cliff House -                                      | DEPTH INTERVAL                                   |
| 4716', 4722', 4734', 4760', 4770', 4780', 4863',   | AMOUNT AND KIND MATERIAL USED                    |
| 4871', 4879', 4887', 4895', 4903', 4927', 4942',   | 4716'-5264' 181,482 gals wtr                     |
| 4978', 4996', 5096', 5104', 5158', 5174', 5206',   | 97,500# 20/40 sand                               |
| 5234', 5244', 5254', 5264' Point Lookout -         | 5298'-5728' 232,500 gals wtr                     |
| 5298', 5329', 5339', 5376', 5390', 5398', 5406',   | 117,000# 20/40 sand                              |
| 5415', 5426', 5434', 5442', 5449', 5458', 5466',   | 5476', 5484', 5492', 5500', 5550', 5572', 5608', |
| 5615', 5626', 5634', 5642', 5649', 5658', 5666',   | 5632', 5642', 5662', 5728'                       |

|                           |                 |                                                                     |                         |            |              |                                |                 |
|---------------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| 33. Date First Production |                 | Production Method (Flowing, gas lift, pumping — Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
|                           |                 | Flowing                                                             |                         |            |              | Shut In                        |                 |
| Date of Test              | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil — Bbl. | Gas — MCF    | Water — Bbl.                   | Gas — Oil Ratio |
| 5-2-78                    | 3 hrs           | 3/4"                                                                |                         |            |              |                                |                 |
| Flow Tubing Press.        | Casing Pressure | Calculated 24-Hour Rate                                             | Oil — Bbl.              | Gas — MCF  | Water — Bbl. | Oil Gravity — API (Corr.)      |                 |
| 247                       | 798             |                                                                     |                         | 15,898     |              |                                |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Sold                                                       | Charles Saiz      |

|                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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 _____ TITLE District Production Manager DATE May 12, 1978                                                                        |

## 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 _____            | T. Canyon _____        | T. Ojo Alamo _____ 1658'          | T. Pern. "B" _____      |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ 2673' | T. Pern. "C" _____      |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____ 3110'    | T. Pern. "D" _____      |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____ 4712'        | T. Leadville _____      |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____                  | T. Madison _____        |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____ 5382'      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____                   | T. McCracken _____      |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____                   | T. Ignacio Qtzite _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____              | T. Granite _____        |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____                   | T. _____                |
| T. Blinbry _____         | T. Gr. Wash _____      | T. Morrison _____                 | T. _____                |
| T. Tubb _____            | T. Granite _____       | T. Todilto _____                  | T. _____                |
| T. Drinkard _____        | T. Delaware Sand _____ | T. Entrada _____                  | T. _____                |
| T. Abo _____             | T. Bone Springs _____  | T. Wingate _____                  | T. _____                |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____                   | T. _____                |
| T. Penn. _____           | T. _____               | T. Permian _____                  | T. _____                |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____                | T. _____                |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness<br>in Feet | Formation | From | To | Thickness<br>in Feet | Formation |
|------|----|----------------------|-----------|------|----|----------------------|-----------|
|      |    |                      |           |      |    |                      |           |