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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. |  |

|  |                                       |  |   |   |                                       |
|--|---------------------------------------|--|---|---|---------------------------------------|
| 1a. TYPE OF WELL<br>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<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"/> |                                       |  |   | 8. Farm or Lease Name<br>State "D"  |                                       |
| 2. Name of Operator<br>Southern Minerals Corporation   |                                       |  |   | 9. Well No.<br>3  |                                       |
| 3. Address of Operator<br>P. O. Box 716 - Corpus Christi, Texas 78403  |                                       |  |   | 10. Field and Pool, or Wildcat<br>Inbe-Penn   |                                       |
| 4. Location of Well<br>UNIT LETTER <b>B</b> LOCATED <b>510</b> FEET FROM THE <b>North</b> LINE AND <b>1900</b> FEET FROM <b>East</b> LINE OF SEC. <b>8</b> TWP. <b>11-S</b> RGE. <b>34-E</b> NMPM  |                                       |  |   | 12. County<br>Lee   |                                       |
| 15. Date Spudded<br>12-25-68   | 16. Date T.D. Reached<br>1-20-69      | 17. Date Compl. (Ready to Prod.)<br>2-10-69                                    | 18. Elevations (DF, RKB, RT, GR, etc.)<br>4203.5 G.L.   | 19. Elev. Casinghead  |                                       |
| 20. Total Depth<br>10,010'   | 21. Plug Back T.D.<br>9962            | 22. If Multiple Compl., How Many   | 23. Intervals Drilled By<br>Rotary  | 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>9922 - 9944 Bough "C" Penn |                                       |
| 26. Type Electric and Other Logs Run<br>Sidewall Neutron porosity log, Gamma-Ray Collar Log  |                                       |  |   | 25. Was Directional Survey Made<br>No   |                                       |
| 27. Was Well Cored<br>No   |                                       |  |   | 28. CASING RECORD (Report all strings set in well)  |                                       |
| CASING SIZE<br>13 7/8<br>8 5/8<br>5 1/2  | WEIGHT LB./FT.<br>40<br>24 & 32<br>17 | DEPTH SET<br>399'<br>4070'<br>10007'   | HOLE SIZE<br>17 1/2<br>11<br>7-7/8  | CEMENTING RECORD<br>365 Sacks<br>300 Sacks<br>175 Sacks   | AMOUNT PULLED<br>None<br>None<br>None |
| 29. LINER RECORD   |                                       |  | 30. TUBING RECORD   |   |                                       |
| SIZE   | TOP                                   | BOTTOM   | SACKS CEMENT  | SCREEN  | PACKER SET                            |
|  |                                       |  |   | 2-7/8"  | 9093                                  |
| 31. Perforation Record (Interval, size and number)<br>9926-9944 1/2-1/2" holes per foot  |                                       |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>9926 - 44<br>AMOUNT AND KIND MATERIAL USED<br>1500 gal. 15% HCl H.E.<br>Acid w/250# Wax<br>Unibeads |   |                                       |
| 33. PRODUCTION   |                                       |  |   |   |                                       |
| Date First Production<br>2-12-69   |                                       | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |   | Well Status (Prod. or Shut-in)<br>Prod.   |                                       |
| Date of Test<br>2-16-69  | Hours Tested<br>24-3/4                | Choke Size<br>18/64  | Prod'n. For Test Period<br>Oil - Bbl.<br>295.7  | Gas - MCF<br>398.9  | Water - Bbl.<br>56.3                  |
| Flow Tubing Press.<br>220#   | Casing Pressure<br>Sealed             | Calculated 24-Hour Rate<br>236.9   | Gas - MCF<br>387.1  | Water - Bbl.<br>54.6  | Oil Gravity - API (Corr.)<br>46.9     |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vented during test   |                                       |  |   | Test Witnessed By<br>Guy Yarbrough  |                                       |
| 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 <i>V. J. Asmita</i>   |                                       | TITLE  |   | DATE Feb. 25, 1969  |                                       |

# 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>2015'</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>2727'</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>4000'</u>      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta <u>5445'</u>        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____                | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinbry _____                | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb <u>6915'</u>            | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____               | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo <u>7750'</u>             | T. Bone Springs _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp <u>9000'</u>        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____                  | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) <u>9522'</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    | 1495   | 1495                 | Redbeds                |      |    |                      |           |
| 1495 | 2570   | 1075                 | Dolomite & Anhydrite   |      |    |                      |           |
| 2570 | 3203   | 633                  | Redbeds & Anhydrite    |      |    |                      |           |
| 3203 | 3855   | 652                  | Anhydrite & Lime       |      |    |                      |           |
| 3855 | 5280   | 1425                 | Lime                   |      |    |                      |           |
| 5280 | 6156   | 876                  | Dolomite               |      |    |                      |           |
| 6156 | 6464   | 308                  | Lime                   |      |    |                      |           |
| 6464 | 6640   | 176                  | Dolomite               |      |    |                      |           |
| 6640 | 6890   | 250                  | Lime                   |      |    |                      |           |
| 6890 | 7420   | 530                  | Dolomite               |      |    |                      |           |
| 7420 | 7659   | 239                  | Dolomite & Shale       |      |    |                      |           |
| 7659 | 8205   | 546                  | Shale                  |      |    |                      |           |
| 8205 | 8785   | 580                  | Dolomite & Shale       |      |    |                      |           |
| 8785 | 8870   | 85                   | Dolomite, chert, shale |      |    |                      |           |
| 8870 | 9035   | 165                  | Lime & Shale           |      |    |                      |           |
| 9035 | 9290   | 255                  | Lime, Shale, & Chert   |      |    |                      |           |
| 9290 | 9412   | 122                  | Lime & Chert           |      |    |                      |           |
| 9412 | 9535   | 123                  | Lime, Chert, & Shale   |      |    |                      |           |
| 9535 | 9651   | 116                  | Lime                   |      |    |                      |           |
| 9651 | 9965   | 314                  | Lime & Shale           |      |    |                      |           |
| 9965 | 10,000 | 35                   | Lime                   |      |    |                      |           |