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Form O-105  
Revised 1-1-65

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

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
B-1520

|                                                                                                                                                                                                                                                  |                                   |                                                                                |                                                     |                                                                   |                   |                                                |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------|-------------------|------------------------------------------------|------------------------|
| 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 Bridges State                      |                   |                                                |                        |
| 2. Name of Operator<br>Socony Mobil Oil Company, Inc.                                                                                                                                                                                            |                                   |                                                                                |                                                     | 9. Well No.<br>102                                                |                   |                                                |                        |
| 3. Address of Operator<br>Box 1800, Hobbs, New Mexico                                                                                                                                                                                            |                                   |                                                                                |                                                     | 10. Field and Pool, or Wildcat<br>Vacuum Glorieta                 |                   |                                                |                        |
| 4. Location of Well<br>UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE AND 1980 FEET FROM<br>THE East LINE OF SEC. 25 TWP. 17-S RGE. 34-E NMPM                                                                                               |                                   |                                                                                |                                                     | 12. County<br>Lea                                                 |                   |                                                |                        |
| 15. Date Spudded<br>11-26-64                                                                                                                                                                                                                     | 16. Date T.D. Reached<br>12-13-64 | 17. Date Compl. (Ready to Prod.)<br>12-17-64                                   | 18. Elevations (DF, RKB, RT, GR, etc.)<br>4008 G.L. | 19. Elev. Casinghead                                              |                   |                                                |                        |
| 20. Total Depth<br>6200                                                                                                                                                                                                                          | 21. Plug Back T.D.<br>6171        | 22. If Multiple Compl., How Many<br>-                                          | 23. Intervals Drilled By<br>Rotary Tools<br>0-6200  | 25. Was Directional Survey Made<br>Yes                            |                   |                                                |                        |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>6031-6050 Glorieta                                                                                                                                                          |                                   |                                                                                |                                                     | 27. Was Well Cored<br>No                                          |                   |                                                |                        |
| 26. Type Electric and Other Logs Run<br>Gamma Ray-Neutron, Caliper, Acoustilog                                                                                                                                                                   |                                   |                                                                                |                                                     |                                                                   |                   |                                                |                        |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                               |                                   |                                                                                |                                                     |                                                                   |                   |                                                |                        |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT LB./FT.                    | DEPTH SET                                                                      | HOLE SIZE                                           | CEMENTING RECORD                                                  |                   | AMOUNT PULLED                                  |                        |
| 8-5/8"                                                                                                                                                                                                                                           | 29#                               | 1565                                                                           | 12-1/4"                                             | w/750 sx Incor 5% gel+50 sx Incor Neat<br>2% CaCl 1/4#/sx floreal |                   |                                                |                        |
| 4-1/2"                                                                                                                                                                                                                                           | 9.5#                              | 6200                                                                           | 7-7/8"                                              | w/2280 sx Tr.Lite+100 sx Incor Neat<br>1/4#/sx floreal            |                   |                                                |                        |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                                   |                                                                                |                                                     | 30. TUBING RECORD                                                 |                   |                                                |                        |
| SIZE                                                                                                                                                                                                                                             | TOP                               | BOTTOM                                                                         | SACKS CEMENT                                        | SCREEN                                                            | SIZE              | DEPTH SET                                      | PACKER SET             |
|                                                                                                                                                                                                                                                  |                                   |                                                                                |                                                     |                                                                   | 2"                | 6160                                           | 5942                   |
| 31. Perforation Record (Interval, size and number)<br>6031, 34, 39, 42, 44, 6047, 49, 6050, w/1<br>SPF Jet (8 holes)                                                                                                                             |                                   |                                                                                |                                                     | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                    |                   |                                                |                        |
|                                                                                                                                                                                                                                                  |                                   |                                                                                |                                                     | DEPTH INTERVAL                                                    |                   | AMOUNT AND KIND MATERIAL USED                  |                        |
|                                                                                                                                                                                                                                                  |                                   |                                                                                |                                                     | 6031-6050                                                         |                   | Acid w/1000 gals. 15% + 5 RCN<br>ball sealers. |                        |
|                                                                                                                                                                                                                                                  |                                   |                                                                                |                                                     |                                                                   |                   |                                                |                        |
|                                                                                                                                                                                                                                                  |                                   |                                                                                |                                                     |                                                                   |                   |                                                |                        |
| 33. PRODUCTION                                                                                                                                                                                                                                   |                                   |                                                                                |                                                     |                                                                   |                   |                                                |                        |
| Date First Production<br>12-17-64                                                                                                                                                                                                                |                                   | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                                                     |                                                                   |                   | Well Status (Prod. or Shut-in)<br>Producing    |                        |
| Date of Test<br>12-20-64                                                                                                                                                                                                                         | Hours Tested<br>24                | Choke Size<br>22/64                                                            | Prod'n. For Test Period<br>→                        | Oil - Bbl.<br>192                                                 | Gas - MCF<br>101  | Water - Bbl.<br>0                              | Gas - Oil Ratio<br>526 |
| Flow Tubing Press.<br>175                                                                                                                                                                                                                        | Casing Pressure<br>Pkr.           | Calculated 24-Hour Rate<br>→                                                   | Oil - Bbl.<br>192                                   | Gas - MCF<br>101                                                  | Water - Bbl.<br>0 | Oil Gravity - API (Comp.)<br>37.8              |                        |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                       |                                   |                                                                                |                                                     |                                                                   |                   | Test Witness                                   |                        |
| 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>E. J. Kannon</u>                                                                                                                                                                                                                       |                                   |                                                                                |                                                     | TITLE <u>Group Supervisor</u>                                     |                   | DATE <u>Feb. 18, 1966</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 _____ 1563       | 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 _____ 2835      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 3744      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 4437 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____ 5895   | 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 |
|------|------|----------------------|----------------------|------|----|----------------------|-----------|
| 0    | 550  | 550                  | Rock, sand & red bed |      |    |                      |           |
| 550  | 1565 | 1015                 | Red bed & shell      |      |    |                      |           |
| 1565 | 1660 | 95                   | Anhydrite            |      |    |                      |           |
| 1660 | 3114 | 1454                 | Anhydrite & Salt     |      |    |                      |           |
| 3114 | 3277 | 163                  | Anhydrite            |      |    |                      |           |
| 3277 | 3625 | 348                  | Anhydrite & gyp      |      |    |                      |           |
| 3625 | 3715 | 90                   | Anhydrite            |      |    |                      |           |
| 3715 | 3856 | 141                  | Anhydrite & lime     |      |    |                      |           |
| 1856 | 4430 | 574                  | Lime                 |      |    |                      |           |
| 4430 | 4485 | 55                   | Lime & dolomite      |      |    |                      |           |
| 4485 | 4579 | 94                   | Lime                 |      |    |                      |           |
| 4579 | 5240 | 661                  | Lime & sand          |      |    |                      |           |
| 5240 | 5277 | 37                   | Lime & chert         |      |    |                      |           |
| 5277 | 5427 | 150                  | Lime, chert & sand   |      |    |                      |           |
| 5427 | 5883 | 456                  | Lime & chert         |      |    |                      |           |
| 5883 | 6200 | 317                  | Lime                 |      |    |                      |           |

STATE BRIDGES # 102

102.

11 36

Perf. & Acidize Record

Lane Wells perf. Glorieta through tubing 6031, 34, 39, 42, 44, 6047, 49, 6050 with 1 Jet Shot per foot.

Cardinal Chemical acidized perf. w/1000 gals. 15% + 5 RCN Ball sealers. Breakdown 4900# Tr. TP 3400-1200# Rate 2 BPM ISIP 1200# 1 min. vacuum. Complete 2:30 P.M. 12-17-64. Swab & flow 24 BLO + 56 BNO + 5 BAW in 3-1/2 hrs. 20/64" choke, TP O-225#. Flow 10 BNO last hour.