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Form C-105  
Revised 1-1-65

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

MAR 21 1974

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| B-2023-13                                 |                              |

|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  |                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|--|------------------------------------------------|--|----------------------------------------|--|
| 1a. TYPE OF WELL                                                                                                                                                                                                      |  |                                                                     |  |                                                |  | 7. Unit Agreement Name                 |  |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <b>O.C.C.</b>                                                                                       |  |                                                                     |  |                                                |  | South Empire Deep Unit                 |  |
| b. TYPE OF COMPLETION                                                                                                                                                                                                 |  |                                                                     |  |                                                |  | 8. Farm or Lease Name                  |  |
| 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 <b>ARTESIA, OFFICE</b> |  |                                                                     |  |                                                |  | South Empire Deep Unit                 |  |
| 2. Name of Operator                                                                                                                                                                                                   |  |                                                                     |  |                                                |  | 9. Well No.                            |  |
| Midwest Oil Corporation                                                                                                                                                                                               |  |                                                                     |  |                                                |  | 4                                      |  |
| 3. Address of Operator                                                                                                                                                                                                |  |                                                                     |  |                                                |  | 10. Field and Pool, or Wildcat         |  |
| 1500 Wilco Building - Midland, Texas 79701                                                                                                                                                                            |  |                                                                     |  |                                                |  | Wolfcamp                               |  |
| 4. Location of Well                                                                                                                                                                                                   |  |                                                                     |  |                                                |  |                                        |  |
| UNIT LETTER <b>G</b> LOCATED <b>1980</b> FEET FROM THE <b>North</b> LINE AND <b>2230</b> FEET FROM                                                                                                                    |  |                                                                     |  |                                                |  | 12. County                             |  |
| THE <b>East</b> LINE OF SEC. <b>32</b> TWP. <b>17-S</b> RGE. <b>29-E</b> NMPM                                                                                                                                         |  |                                                                     |  |                                                |  | Eddy                                   |  |
| 15. Date Spudded                                                                                                                                                                                                      |  | 16. Date T.D. Reached                                               |  | 17. Date Compl. (Ready to Prod.)               |  | 18. Elevations (DF, RKB, RT, GR, etc.) |  |
| 11-25-74                                                                                                                                                                                                              |  | 1-28-74                                                             |  | 3-8-74                                         |  | GR. 3583.3'                            |  |
| 19. Elev. Casinghead                                                                                                                                                                                                  |  | 20. Total Depth                                                     |  | 21. Plug Back T.D.                             |  | 22. If Multiple Compl., How Many       |  |
|                                                                                                                                                                                                                       |  | 10,950                                                              |  | 8560                                           |  | 23. Intervals Drilled By               |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Rotary Tools                           |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 10,950                                 |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Cable Tools                            |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 0                                      |  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                     |  |                                                                     |  |                                                |  | 25. Was Directional Survey Made        |  |
| 8449' - 8522' Wolfcamp                                                                                                                                                                                                |  |                                                                     |  |                                                |  | No                                     |  |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                  |  |                                                                     |  |                                                |  | 27. Was Well Cored                     |  |
| Dual Laterolog, Density, Comp Neutron w/Caliper, Gamma                                                                                                                                                                |  |                                                                     |  |                                                |  | No                                     |  |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                    |  |                                                                     |  |                                                |  |                                        |  |
| CASING SIZE                                                                                                                                                                                                           |  | WEIGHT LB./FT.                                                      |  | DEPTH SET                                      |  | HOLE SIZE                              |  |
| 11-3/4"                                                                                                                                                                                                               |  | 42#                                                                 |  | 399'                                           |  | 15"                                    |  |
| 8-5/8"                                                                                                                                                                                                                |  | 32#                                                                 |  | 3341'                                          |  | 11"                                    |  |
| 5-1/2"                                                                                                                                                                                                                |  | 17#                                                                 |  | 8792'                                          |  | 7-7/8"                                 |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  |                                        |  |
| 29. LINER RECORD                                                                                                                                                                                                      |  |                                                                     |  | 30. TUBING RECORD                              |  |                                        |  |
| SIZE                                                                                                                                                                                                                  |  | TOP                                                                 |  | BOTTOM                                         |  | SACKS CEMENT                           |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | SCREEN                                 |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | SIZE                                   |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 2 3/8"                                 |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | DEPTH SET                              |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 8397                                   |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | PACKER SET                             |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  |                                        |  |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                    |  |                                                                     |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |                                        |  |
| 8449' - 8522'                                                                                                                                                                                                         |  |                                                                     |  | DEPTH INTERVAL                                 |  |                                        |  |
| 21 holes w/4" csg gun                                                                                                                                                                                                 |  |                                                                     |  | AMOUNT AND KIND MATERIAL USED                  |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | 8570-8713                                      |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | 250 gals acid spot & treat w/                  |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | 3000 gals acid                                 |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | 8560                                           |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | Set BPW/ 12' cmt on top                        |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | 8449-8522                                      |  |                                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  | 3000 gals 15% DS-30                            |  |                                        |  |
| 33. PRODUCTION                                                                                                                                                                                                        |  |                                                                     |  |                                                |  |                                        |  |
| Date First Production                                                                                                                                                                                                 |  | Production Method (Flowing, gas lift, pumping - Size and type pump) |  |                                                |  | Well Status (Prod. or Shut-in)         |  |
| 3-8-74                                                                                                                                                                                                                |  | Flowing                                                             |  |                                                |  | Prod                                   |  |
| Date of Test                                                                                                                                                                                                          |  | Hours Tested                                                        |  | Choke Size                                     |  | Prod'n. For Test Period                |  |
| 3-13-74                                                                                                                                                                                                               |  | 24                                                                  |  | 10/64"                                         |  | Oil - Bbl.                             |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 303                                    |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Gas - MCF                              |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 414                                    |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Water - Bbl.                           |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | -0-                                    |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Gas - Oil Ratio                        |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 1380                                   |  |
| Flow Tubing Press.                                                                                                                                                                                                    |  | Casing Pressure                                                     |  | Calculated 24-Hour Rate                        |  | Oil - Bbl.                             |  |
| 1510                                                                                                                                                                                                                  |  |                                                                     |  |                                                |  | 303                                    |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Gas - MCF                              |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 414                                    |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Water - Bbl.                           |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | -0-                                    |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | Oil Gravity - API (Corr.)              |  |
|                                                                                                                                                                                                                       |  |                                                                     |  |                                                |  | 46°                                    |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                            |  |                                                                     |  |                                                |  | Test Witnessed By                      |  |
| Vent                                                                                                                                                                                                                  |  |                                                                     |  |                                                |  | L. Robertson                           |  |
| 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                                                               |  |                                                |  | DATE                                   |  |
| Bonnie Husband                                                                                                                                                                                                        |  | Production Clerk                                                    |  |                                                |  | 3-19-74                                |  |

# 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 _____ 9060   | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____ 9700   | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____ 10207   | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____ 892       | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 1890      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____ 2308   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 2716 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | 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 _____ 7530   | T. Morrow _____ 10,600 | 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                 |
|------|------|----------------------|---------------------|-------|-------|----------------------|---------------------------|
| 642  | 780  | 138                  | Salt                | 5740  | 6105  | 365                  | Bone Springs Lm           |
|      |      |                      |                     | 6105  | 6240  | 135                  | 3rd Bone Springs Sd       |
|      |      |                      |                     | 6240  | 7530  | 1290                 | Lower Leonard Dolo, Chert |
| 780  | 892  | 112                  | Anhydrite           | 7530  | 8910  | 1380                 | Wolfcamp, Lm, Sh.         |
| 892  | 980  | 88                   | Yates               | 8910  | 9060  | 150                  | Cisco Lm                  |
| 980  | 1890 | 910                  | Anhy & Sh           | 9060  | 9700  | 640                  | Canyon Lm                 |
| 1890 | 1935 | 45                   | Queen Sd            | 9700  | 10207 | 507                  | Strawn Lm                 |
| 1935 | 2308 | 373                  | Sd & Anhy & Rd Sh   | 10207 | 10600 | 393                  | Atoka, Lm & Sh            |
| 2308 | 2716 | 408                  | Grayburg            | 10600 | 10950 | 350                  | Morrow Clastics           |
| 2716 | 4200 | 1484                 | San Andres          |       |       |                      |                           |
| 4200 | 4384 | 184                  | Lm                  |       |       |                      |                           |
| 4384 | 4495 | 111                  | Glorieta Sd         |       |       |                      |                           |
| 4495 | 5340 | 845                  | Leonard Dolo        |       |       |                      |                           |
| 5340 | 5435 | 95                   | 1st Bone Springs Sd |       |       |                      |                           |
| 5435 | 5530 | 95                   | Bone Springs Lm     |       |       |                      |                           |
| 5530 | 5740 | 210                  | 2nd Bone Springs Sd |       |       |                      |                           |