

JUN 27 1972

Form C-105  
Revised 1-1-65

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

|                                |                              |
|--------------------------------|------------------------------|
| 5a. Indicate Type of Lease     |                              |
| State <input type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                              |
| Federal LC 058126              |                              |

|   |  |   |  |  |  |  |  |                                    |  |                                       |  |
|---|--|---|--|--|--|--|--|------------------------------------|--|---------------------------------------|--|
| 1a. TYPE OF WELL  |  | OIL WELL <input type="checkbox"/>                                   |  | GAS WELL <input checked="" type="checkbox"/> |  | DRY <input type="checkbox"/>                   |  | OTHER _____                        |  | 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"/> |  | DIFF. RESVR. <input type="checkbox"/> |  |
|   |  |   |  |  |  |  |  |                                    |  | 8. Farm or Lease Name                 |  |
|   |  |   |  |  |  |  |  |                                    |  | South Empire Deep Unit                |  |
| 2. Name of Operator   |  |   |  |  |  |  |  |                                    |  | 9. Well No.                           |  |
| Midwest Oil Corporation   |  |   |  |  |  |  |  |                                    |  | 2                                     |  |
| 3. Address of Operator  |  |   |  |  |  |  |  |                                    |  | 10. Field and Pool, or Wildcat        |  |
| 1500 Wilco Building, Midland, Texas 79701   |  |   |  |  |  |  |  |                                    |  | South Empire (Morrow Gas              |  |
| 4. Location of Well   |  |   |  |  |  |  |  |                                    |  |                                       |  |
| UNIT LETTER <u>K</u> LOCATED <u>1900</u> FEET FROM THE <u>W</u> LINE AND <u>1980</u> FEET FROM  |  |   |  |  |  |  |  |                                    |  | 12. County                            |  |
| THE <u>S</u> LINE OF SEC. <u>6</u> TWP. <u>18S</u> RGE. <u>29E</u> NMPM   |  |   |  |  |  |  |  |                                    |  | Eddy                                  |  |
| 15. Date Spudded  |  | 16. Date T.D. Reached   |  | 17. Date Compl. (Ready to Prod.)             |  | 18. Elevations (DF, RKB, RT, GR, etc.)         |  | 19. Elev. Casinghead               |  |                                       |  |
| 3/29/72   |  | 5/29/72   |  | 6/8/72                                       |  | KB: 3652 GR:3638                               |  | BH: 3635.75                        |  |                                       |  |
| 20. Total Depth   |  | 21. Plug Back T.D.  |  | 22. If Multiple Compl., How Many             |  | 23. Intervals Drilled By                       |  | Rotary Tools                       |  | Cable Tools                           |  |
| 10,992  |  | 10,946  |  |  |  | →  |  | X                                  |  |                                       |  |
| 24. Producing Interval(s), of this completion — Top, Bottom, Name   |  |   |  |  |  |  |  |                                    |  | 25. Was Directional Survey Made       |  |
| 10,874 - 10,890 Lower Morrow Gas  |  |   |  |  |  |  |  |                                    |  | Yes                                   |  |
| 26. Type Electric and Other Logs Run  |  |   |  |  |  |  |  |                                    |  | 27. Was Well Cored                    |  |
| DIL - CNL - FDC - GR - HDT - GR/CCL   |  |   |  |  |  |  |  |                                    |  | Yes                                   |  |
| 28. CASING RECORD (Report all strings set in well)  |  |   |  |  |  |  |  |                                    |  |                                       |  |
| CASING SIZE   |  | WEIGHT LB./FT.  |  | DEPTH SET                                    |  | HOLE SIZE                                      |  | CEMENTING RECORD                   |  | AMOUNT PULLED                         |  |
| 12-3/4  |  | 35  |  | 318  |  | 17 1/2   |  | Circ 23 sx - Mixed 300             |  | None                                  |  |
| 8-5/8   |  | 24 - 32   |  | 4500   |  | 11   |  | 350 sx T/cmt @ 2410                |  | "                                     |  |
| 4 1/2   |  | 11.6  |  | 10,992                                       |  | 7-7/8  |  | 1st: 150 sx                        |  | "                                     |  |
|   |  |   |  |  |  |  |  | 2nd: 650 sx T/8580                 |  |                                       |  |
| 29. LINER RECORD  |  |   |  |  |  | 30. TUBING RECORD                              |  |                                    |  |                                       |  |
| SIZE  |  | TOP   |  | BOTTOM                                       |  | SACKS CEMENT                                   |  | SCREEN                             |  | PACKER SET                            |  |
|   |  |   |  |  |  |  |  |                                    |  | 10,841                                |  |
| 31. Perforation Record (Interval, size and number)  |  |   |  |  |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |                                    |  |                                       |  |
| 10,874-76 1/2" 4 CJPF (24)  |  |   |  |  |  | DEPTH INTERVAL                                 |  |                                    |  |                                       |  |
| 10,888-90 1/2" 4 CJPF (4)   |  |   |  |  |  | AMOUNT AND KIND MATERIAL USED                  |  |                                    |  |                                       |  |
| (Total 28 shots)  |  |   |  |  |  | Natural  |  |                                    |  |                                       |  |
| 33. PRODUCTION  |  |   |  |  |  |  |  |                                    |  |                                       |  |
| Date First Production   |  | Production Method (Flowing, gas lift, pumping — Size and type pump) |  |  |  |  |  | Well Status (Prod. or Shut-in)     |  |                                       |  |
| 6/8/72  |  | Flowing   |  |  |  |  |  | Shut-in                            |  |                                       |  |
| Date of Test  |  | Hours Tested  |  | Choke Size                                   |  | Prod'n. For Test Period                        |  | Oil — Bbl.                         |  | Gas — MCF                             |  |
| 6/9/72  |  | 2   |  | various                                      |  | →  |  | 11                                 |  | 6752.3                                |  |
|   |  |   |  |  |  |  |  |                                    |  | Water — Bbl.                          |  |
|   |  |   |  |  |  |  |  |                                    |  | 0                                     |  |
|   |  |   |  |  |  |  |  |                                    |  | Gas — Oil Ratio                       |  |
|   |  |   |  |  |  |  |  |                                    |  | 48.175 MCF/bbl                        |  |
| Flow Tubing Press.  |  | Casing Pressure   |  | Calculated 24-Hour Rate                      |  | Oil — Bbl.                                     |  | Gas — MCF                          |  | Water — Bbl.                          |  |
| 2200  |  | pkr   |  | →  |  | 210  |  | 10,000                             |  | - 0 -                                 |  |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)  |  |   |  |  |  |  |  |                                    |  | Test Witnessed By                     |  |
| Vented  |  |   |  |  |  |  |  |                                    |  | Neil Bassham                          |  |
| 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>Reyate</u>  |  |   |  | TITLE <u>Petroleum Engineer</u>              |  |  |  | DATE <u>June 14, 1972</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>210</u>        | T. Canyon <u>9120</u>       | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt <u>290</u>        | T. Strawn <u>9805</u>       | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt <u>782</u>        | T. Atoka <u>10256</u>       | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates <u>896</u>       | T. Miss <u>10910</u>        | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____         | T. Devonian _____           | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>1923</u>      | T. Silurian _____           | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg <u>2330</u>   | T. Montoya _____            | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>2696</u> | T. Simpson _____            | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____         | T. McKee _____              | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock <u>4465</u>    | T. Ellenburger _____        | T. Dakota _____             | T. _____               |
| T. Blinebry <u>4500</u>   | T. Gr. Wash _____           | T. Morrison _____           | T. _____               |
| T. Tubb _____             | T. Granite _____            | T. Todilto _____            | T. _____               |
| T. Drinkard _____         | T. Delaware Sand _____      | T. Entrada _____            | T. _____               |
| T. Abo <u>6410</u>        | T. Bone Springs <u>6950</u> | T. Wingate _____            | T. _____               |
| T. Wolfcamp <u>7724</u>   | T. _____                    | T. Chinle _____             | T. _____               |
| T. Penn. <u>8853</u>      | 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 |
|-------|-------|----------------------|--------------|------|----|----------------------|-----------|
| 210   | 259   | 49                   | Anhydrite    |      |    |                      |           |
| 290   | 782   | 492                  | Salt         |      |    |                      |           |
| 896   | 1923  | 1027                 | Yates        |      |    |                      |           |
| 1923  | 2330  | 407                  | Queen        |      |    |                      |           |
| 2330  | 2696  | 366                  | Grayburg     |      |    |                      |           |
| 2696  | 4465  | 1869                 | San Andres   |      |    |                      |           |
| 4465  | 4500  | 35                   | Paddock      |      |    |                      |           |
| 4500  | 6410  | 1910                 | Blinebry     |      |    |                      |           |
| 6410  | 6950  | 540                  | Abo          |      |    |                      |           |
| 6950  | 7724  | 774                  | Bone Springs |      |    |                      |           |
| 7724  | 8853  | 1129                 | Wolfcamp     |      |    |                      |           |
| 8853  | 9120  | 267                  | Cisco        |      |    |                      |           |
| 9120  | 9805  | 685                  | Canyon       |      |    |                      |           |
| 9805  | 10256 | 451                  | Strawn       |      |    |                      |           |
| 10256 | 10647 | 391                  | Atoka        |      |    |                      |           |
| 10647 | 10910 | 263                  | Morrow       |      |    |                      |           |
| 10910 | -     | -                    | Chester      |      |    |                      |           |