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Form C-105  
Revised 1-1-65

HOBBS OFFICE O. G. C.  
NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

APR 27 10 52 AM '66

Indicate Type of Lease  
State ☐ Fee ☒  
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 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>James McFarland "A"                                                                                                                                                                                       |                                                                      |
| 2. Name of Operator<br>Sun Oil Company                                                                                                                                                                                                |                                                                                                        | 9. Well No.<br>3                                                                                                                                                                                                                   |                                                                      |
| 3. Address of Operator<br>P. O. Box 2792, Odessa, Texas                                                                                                                                                                               |                                                                                                        | 10. Field and Pool, or Wildcat<br>Chaveroo SA Ext.                                                                                                                                                                                 |                                                                      |
| 4. Location of Well<br>UNIT LETTER <u>J</u> LOCATED <u>1979.5</u> FEET FROM THE <u>South</u> LINE AND <u>1955.8</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>20</u> TWP. <u>7S</u> RGE. <u>33E</u> NMPM                              |                                                                                                        | 12. County<br>Roosevelt                                                                                                                                                                                                            |                                                                      |
| 15. Date Spudded<br>3-30-66                                                                                                                                                                                                           | 16. Date T.D. Reached<br>4-9-66                                                                        | 17. Date Compl. (Ready to Prod.)<br>4-21-66                                                                                                                                                                                        | 18. Elevations (DF, RKB, RT, GR, etc.)<br>DF 4434, RKB 4435, GR 4425 |
| 19. Elev. Casinghead<br>4424                                                                                                                                                                                                          | 20. Total Depth<br>4450                                                                                |                                                                                                                                                                                                                                    |                                                                      |
| 21. Plug Back T.D.<br>4418                                                                                                                                                                                                            | 22. If Multiple Compl., How Many<br>Single                                                             | 23. Intervals Drilled By<br>Rotary Tools<br>0-4450                                                                                                                                                                                 | Cable Tools<br>None                                                  |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br>Hilnesand 4150-4310                                                                                                                                              |                                                                                                        |                                                                                                                                                                                                                                    | 25. Was Directional Survey Made<br>Yes                               |
| 26. Type Electric and Other Logs Run<br>GR Density, Focus & Min. Focus Correlation                                                                                                                                                    |                                                                                                        |                                                                                                                                                                                                                                    | 27. Was Well Cored<br>No                                             |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                    |                                                                                                        |                                                                                                                                                                                                                                    |                                                                      |
| CASING SIZE                                                                                                                                                                                                                           | WEIGHT LB./FT.                                                                                         | DEPTH SET                                                                                                                                                                                                                          | HOLE SIZE                                                            |
| 8-5/8"                                                                                                                                                                                                                                | 20                                                                                                     | 390                                                                                                                                                                                                                                | 12 1/2"                                                              |
| 4-1/2"                                                                                                                                                                                                                                | 9.5                                                                                                    | 4450                                                                                                                                                                                                                               | 7-7/8"                                                               |
| 2" EUE                                                                                                                                                                                                                                | 4.70                                                                                                   | 4279                                                                                                                                                                                                                               | 7-7/8"                                                               |
| CEMENTING RECORD                                                                                                                                                                                                                      |                                                                                                        | AMOUNT PULLED                                                                                                                                                                                                                      |                                                                      |
| 200 Sks Cement                                                                                                                                                                                                                        |                                                                                                        | None                                                                                                                                                                                                                               |                                                                      |
| 150 Sks Cement                                                                                                                                                                                                                        |                                                                                                        | None                                                                                                                                                                                                                               |                                                                      |
| -                                                                                                                                                                                                                                     |                                                                                                        | -                                                                                                                                                                                                                                  |                                                                      |
| 29. LINER RECORD                                                                                                                                                                                                                      |                                                                                                        | 30. TUBING RECORD                                                                                                                                                                                                                  |                                                                      |
| SIZE                                                                                                                                                                                                                                  | TOP                                                                                                    | BOTTOM                                                                                                                                                                                                                             | SACKS CEMENT                                                         |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    |                                                                      |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    |                                                                      |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    |                                                                      |
| 31. Perforation Record (Interval, size and number)<br>Perforate 4 1/2" csg. w/1 - 3/8" hole at each interval 4192, 97, 4210, 49, 52, 65, 70, 74, 79, 84, 90, 96                                                                       |                                                                                                        | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>4192-4296<br>4192-4296<br>AMOUNT AND KIND MATERIAL USED<br>2000 gal. 15% XF. Acid 1/22<br>RCM ball sealers<br>4000 gal. formation wtr. and<br>4000# 20-40 sand |                                                                      |
| 33. PRODUCTION                                                                                                                                                                                                                        |                                                                                                        |                                                                                                                                                                                                                                    |                                                                      |
| Date First Production<br>4-19-66                                                                                                                                                                                                      | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping 2" x 1 1/2 x 12' Insert |                                                                                                                                                                                                                                    | Well Status (Prod. or Shut-in)<br>Producing                          |
| Date of Test<br>4-22-66                                                                                                                                                                                                               | Hours Tested<br>24                                                                                     | Choke Size<br>40/64                                                                                                                                                                                                                | Prod'n. For Test Period<br>62                                        |
| Flow Tubing Press.<br>15                                                                                                                                                                                                              | Casing Pressure<br>15                                                                                  | Calculated 24-Hour Rate<br>62                                                                                                                                                                                                      | Oil - Bbl.<br>26.8                                                   |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    | Gas - MCF<br>26.8                                                    |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    | Water - Bbl.<br>None                                                 |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    | Gas - Oil Ratio<br>432/1                                             |
|                                                                                                                                                                                                                                       |                                                                                                        |                                                                                                                                                                                                                                    | Oil Gravity - API (Corr.)<br>24.3 Corr.                              |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                    |                                                                                                        |                                                                                                                                                                                                                                    | Test Witnessed By<br>Earl Barrett                                    |
| 35. List of Attachments<br>C-104, Inclination Tests, Electric Logs                                                                                                                                                                    |                                                                                                        |                                                                                                                                                                                                                                    |                                                                      |
| 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>T. E. Maxwell</u>                                                                                                                                                                                                           |                                                                                                        | TITLE <u>Area Superintendent</u> DATE <u>4-26-66</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 filled in quadruplicate 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. Canyon               | T. Ojo Alamo          | T. Penn. "B"            | T. Penn. "B"       |
| T. Strawn               | T. Kirtland-Fruitland | T. Penn. "C"            | T. Penn. "C"       |
| T. Salt                 | T. Pictured Cliffs    | T. Penn. "D"            | T. Leadville       |
| T. Salt                 | T. Miss               | T. Yates                | T. Madison         |
| T. 7 Rivers             | T. Devonian           | T. Eibert               | T. Eibert          |
| T. Queen                | T. Silurian           | T. Montoya              | T. Simpson         |
| T. Grayburg             | T. Montoya            | T. Simpson              | T. McKee           |
| T. San Andres           | T. Simpson            | T. Gallup               | T. Base Greenhorn  |
| T. Glorieta             | T. McKee              | T. Base Greenhorn       | T. Granite         |
| T. Paddock              | T. Ellenburger        | T. Dakota               | T. Morrison        |
| T. Blinberry            | T. Gr. Wash           | T. Morrison             | T. Toddlito        |
| T. Tubb                 | T. Granite            | T. Toddlito             | T. Entrada         |
| T. Drinkard             | T. Delaware Sand      | T. Entrada              | T. Wingate         |
| T. Abo                  | T. Bone Springs       | T. Wingate              | T. Chinle          |
| T. Wolfcamp             | T. Llanesand          | T. Chinle               | T. Permian         |
| T. Penn.                | T. Penn.              | T. Penn. "A"            | T. Cisco (Bough C) |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>In Feet | Formation        |
|------|------|----------------------|------------------|
| 0    | 1415 | 1415                 | Red Bed          |
| 1415 | 2570 | 1155                 | Anhydrite & salt |
| 2570 | 3312 | 742                  | Anhy. & gypsum   |
| 3312 | 3602 | 290                  | Time & Dolo.     |
| 3602 | 4220 | 618                  | Time             |
| 4220 | 4324 | 104                  | Time & Dolo.     |
| 4324 | 4450 | 126                  | Time & Anhy.     |

2570 H. 25  
4324 H. 25