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

Form C-105  
Revised 1-1-65

5a. Indicate Type of Lease  
State ☐ Fee ☒  
5. State Oil & Gas Lease No.

|                                                                                                                                                                                                                               |                                          |                                                                                       |                                                           |                                                                    |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                                   |                                          |                                                                                       |                                                           | 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 _____ |                                          |                                                                                       |                                                           | 8. Farm or Lease Name<br><b>Martin</b>                             |                                             |
| 2. Name of Operator<br><b>Flag-Redfern Oil Company</b>                                                                                                                                                                        |                                          |                                                                                       |                                                           | 9. Well No.<br><b>1</b>                                            |                                             |
| 3. Address of Operator<br><b>P. O. Box 23, Midland, Texas 79701</b>                                                                                                                                                           |                                          |                                                                                       |                                                           | 10. Field and Pool, or Wildcat<br><b>Undesignated R-4995</b>       |                                             |
| 4. Location of Well<br>UNIT LETTER <b>N</b> LOCATED <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM<br>THE <b>East</b> LINE OF SEC. <b>9</b> TWP. <b>9S</b> RGE. <b>38E</b> NMPM                          |                                          |                                                                                       |                                                           | 12. County<br><b>Lea</b>                                           |                                             |
| 15. Date Spudded<br><b>12-17-74</b>                                                                                                                                                                                           | 16. Date T.D. Reached<br><b>12-27-74</b> | 17. Date Compl. (Ready to Prod.)<br><b>1-16-75</b>                                    | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3965' DF</b> | 19. Elev. Casinghead<br><b>3955'</b>                               |                                             |
| 20. Total Depth<br><b>5010'</b>                                                                                                                                                                                               | 21. Plug Back T.D.<br><b>4996'</b>       | 22. If Multiple Compl., How Many<br><b>-</b>                                          | 23. Intervals Drilled By<br><b>0 - T.D.</b>               | Cable Tools                                                        |                                             |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>4904-59' (San Andres)</b>                                                                                                                             |                                          |                                                                                       |                                                           | 25. Was Directional Survey Made<br><b>No</b>                       |                                             |
| 26. Type Electric and Other Logs Run<br><b>Schlumberger - Compensated Neutron-Formation Density &amp; Dual Laterolog</b>                                                                                                      |                                          |                                                                                       |                                                           | 27. Was Well Cored<br><b>No</b>                                    |                                             |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                            |                                          |                                                                                       |                                                           |                                                                    |                                             |
| CASING SIZE                                                                                                                                                                                                                   | WEIGHT LB./FT.                           | DEPTH SET                                                                             | HOLE SIZE                                                 | CEMENTING RECORD                                                   | AMOUNT PULLED                               |
| <b>8-5/8"</b>                                                                                                                                                                                                                 | <b>28.55#</b>                            | <b>385'</b>                                                                           | <b>12-1/4"</b>                                            | <b>250 sx Class "C", 2% CaCl</b>                                   | <b>-</b>                                    |
| <b>4-1/2"</b>                                                                                                                                                                                                                 | <b>10.50#</b>                            | <b>5010'</b>                                                                          | <b>7-7/8"</b>                                             | <b>250 sx Class "C" Poz, 2% gel, 0.75% CFR-2, 8# salt per sack</b> | <b>-</b>                                    |
| 29. LINER RECORD                                                                                                                                                                                                              |                                          |                                                                                       |                                                           |                                                                    |                                             |
| SIZE                                                                                                                                                                                                                          | TOP                                      | BOTTOM                                                                                | SACKS CEMENT                                              | SCREEN                                                             |                                             |
|                                                                                                                                                                                                                               |                                          |                                                                                       |                                                           |                                                                    |                                             |
| 30. TUBING RECORD                                                                                                                                                                                                             |                                          |                                                                                       |                                                           |                                                                    |                                             |
| SIZE                                                                                                                                                                                                                          | DEPTH SET                                | PACKER SET                                                                            |                                                           |                                                                    |                                             |
| <b>2-3/8"</b>                                                                                                                                                                                                                 | <b>4874'</b>                             |                                                                                       |                                                           |                                                                    |                                             |
| 31. Perforation Record (Interval, size and number)<br><b>One selectfire jet at 4904, 09, 10, 11, 13, 14, 15, 25, 26, 34, 35, 40, 57, 58, 59'.</b>                                                                             |                                          |                                                                                       | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.            |                                                                    |                                             |
| DEPTH INTERVAL                                                                                                                                                                                                                |                                          |                                                                                       | AMOUNT AND KIND MATERIAL USED                             |                                                                    |                                             |
| <b>4904-59'</b>                                                                                                                                                                                                               |                                          |                                                                                       | <b>10,000 gals 20%, 10,000 gals 15% acid.</b>             |                                                                    |                                             |
|                                                                                                                                                                                                                               |                                          |                                                                                       |                                                           |                                                                    |                                             |
|                                                                                                                                                                                                                               |                                          |                                                                                       |                                                           |                                                                    |                                             |
| 33. PRODUCTION                                                                                                                                                                                                                |                                          |                                                                                       |                                                           |                                                                    |                                             |
| Date First Production<br><b>-</b>                                                                                                                                                                                             |                                          | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Flowing</b> |                                                           |                                                                    | Well Status (Prod. or Shut-in)<br><b>SI</b> |
| Date of Test<br><b>1-16-75</b>                                                                                                                                                                                                | Hours Tested<br><b>24</b>                | Choke Size<br><b>32/64"</b>                                                           | Prod'n. For Test Period<br><b>1</b>                       | Oil - Bbl.<br><b>455</b>                                           | Gas - MCF<br><b>9</b>                       |
| Flow Tubing Press.<br><b>110 psig</b>                                                                                                                                                                                         | Casing Pressure<br><b>250 psig</b>       | Calculated 24-Hour Rate<br><b>1</b>                                                   | Oil - Bbl.<br><b>455</b>                                  | Gas - MCF<br><b>9</b>                                              | Water - Bbl.<br><b>24.1°</b>                |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>SI - Waiting on gas sales contract &amp; pipeline</b>                                                                                                        |                                          |                                                                                       |                                                           |                                                                    | Test Witnessed By                           |
| 35. List of Attachments<br><b>Well logs &amp; deviation survey</b>                                                                                                                                                            |                                          |                                                                                       |                                                           |                                                                    |                                             |
| 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 <b>[Signature]</b>                                                                                                                                                                                                     |                                          | TITLE <b>Petroleum Engineer</b>                                                       |                                                           | DATE <b>February 4, 1975</b>                                       |                                             |

# 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 116S.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                  | Northwestern New Mexico |                   |
|-------------------------|------------------|-------------------------|-------------------|
| T. Anhy.                | T. Canyon        | T. Ojo Alamo            | T. Penn. "B"      |
| T. Salt                 | T. Strawn        | T. Kirtland-Fruitland   | T. Penn. "C"      |
| T. Salt                 | T. Aloka         | T. Pictured Cliffs      | T. Penn. "D"      |
| T. Yates                | T. Miss          | T. Cliff House          | T. Leadville      |
| T. 7 Rivers             | T. Devonian      | T. Menefee              | T. Madison        |
| T. Queen                | T. Silurian      | T. Point Lookout        | T. Elbert         |
| T. Grayburg             | T. Montoya       | T. Mancos               | T. McCracken      |
| T. San Andres           | T. Simpson       | T. Gallup               | T. Ignacio Qtzite |
| T. Glorieta             | T. McKee         | T. Base Greenhorn       | T. Granite        |
| T. Paddock              | T. Ellenburger   | T. Dakota               | T. T.             |
| T. Blinberry            | T. Gr. Wash      | T. Morrison             | T. T.             |
| T. Tubb                 | T. Granite       | T. Todillo              | T. T.             |
| T. Drinkard             | T. Delaware Sand | T. Entrada              | T. T.             |
| T. Abo                  | T. Bone Springs  | T. Wingate              | T. T.             |
| T. Wolfcamp             | T. Pl. Zone      | T. Chinle               | T. T.             |
| T. Penn.                | T. Porosity      | T. Permian              | T. T.             |
| T. Cisco (Bough C)      | T. T.            | T. Penn. "A"            | T. T.             |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To    | Thickness<br>in Feet | Formation | From  | To    | Thickness<br>in Feet | Formation |
|------|-------|----------------------|-----------|-------|-------|----------------------|-----------|
| 0    | 1750' | 1750'                | 1750'     | 1750' | 1750' | 1750'                | 1750'     |
| 1750 | 2900' | 1150'                | 2900'     | 2900' | 2900' | 1150'                | 2900'     |
| 2900 | 4130' | 1230'                | 4130'     | 4130' | 4130' | 1230'                | 4130'     |
| 4130 | 5010' | 880'                 | 5010'     | 5010' | 5010' | 880'                 | 5010'     |
| 4130 |       |                      |           |       |       |                      |           |