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Form C-105  
Revised 1-1-65

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

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

|                                                                                                                                                                                                                                                                      |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------|---------------------------|
| 1a. TYPE OF WELL                                                                                                                                                                                                                                                     |                 | 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                                                                                                                                                                                                                                                |                 | NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> |                         | 8. Farm or Lease Name                       |                           |
| 2. Name of Operator                                                                                                                                                                                                                                                  |                 | Cities Service Oil Company                                                                                                                                                                                                         |                         | Owen                                        |                           |
| 3. Address of Operator                                                                                                                                                                                                                                               |                 | Box 4906 - Midland, Texas 79701                                                                                                                                                                                                    |                         | 9. Well No.                                 |                           |
| 4. Location of Well                                                                                                                                                                                                                                                  |                 | UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM East LINE OF SEC. 35 TWP. 21S RGE. 37E NMPM                                                                                                                  |                         | 10. Field and Pool, or Wildcat              |                           |
| 15. Date <del>XXXX</del>                                                                                                                                                                                                                                             |                 | 16. Date T.D. Reached                                                                                                                                                                                                              |                         | 12. County                                  |                           |
| Respu 11-19-73                                                                                                                                                                                                                                                       |                 | 12-19-73                                                                                                                                                                                                                           |                         | Lea                                         |                           |
| 17. Date Compl. (Ready to Prod.)                                                                                                                                                                                                                                     |                 | 18. Elevations (DF, RKB, RT, GR, etc.)                                                                                                                                                                                             |                         | 19. Elev. Casinghead                        |                           |
| 1-4-74                                                                                                                                                                                                                                                               |                 | 3362' GR                                                                                                                                                                                                                           |                         | 3362'                                       |                           |
| 20. Total Depth                                                                                                                                                                                                                                                      |                 | 21. Plug Back T.D.                                                                                                                                                                                                                 |                         | 23. Intervals Drilled By                    |                           |
| 7444'                                                                                                                                                                                                                                                                |                 | 7396'                                                                                                                                                                                                                              |                         | Rotary Tools 6486' - T.D. Cable Tools 7444' |                           |
| 22. If Multiple Compl., How Many                                                                                                                                                                                                                                     |                 | 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                                                                                                                  |                         | 25. Was Directional Survey Made             |                           |
| 2                                                                                                                                                                                                                                                                    |                 | 6632 - 7248 ABO                                                                                                                                                                                                                    |                         | NO                                          |                           |
| 26. Type Electric and Other Logs Run                                                                                                                                                                                                                                 |                 | Compensated Neutron - Formation Density, Dual Induction-Laterolog, Microlaterolog-Laterolog, Deviation Survey                                                                                                                      |                         | 27. Was Well Cored                          |                           |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                   |                 |                                                                                                                                                                                                                                    |                         | NO                                          |                           |
| CASING SIZE                                                                                                                                                                                                                                                          | WEIGHT LB./FT.  | DEPTH SET                                                                                                                                                                                                                          | HOLE SIZE               | CEMENTING RECORD                            | AMOUNT PULLED             |
| SEE ORIGINAL COMPLETION RECORDS                                                                                                                                                                                                                                      |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
| 29. LINER RECORD                                                                                                                                                                                                                                                     |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
| SIZE                                                                                                                                                                                                                                                                 | TOP             | BOTTOM                                                                                                                                                                                                                             | SACKS CEMENT            | SCREEN                                      | 30. TUBING RECORD         |
| 4"                                                                                                                                                                                                                                                                   | 6237            | 7444                                                                                                                                                                                                                               | 75                      |                                             | SIZE DEPTH SET PACKER SET |
|                                                                                                                                                                                                                                                                      |                 |                                                                                                                                                                                                                                    |                         |                                             | 2-3/8" 6355 6114          |
| 31. Perforation Record (Interval, size and number) 1-0.21" Hole each                                                                                                                                                                                                 |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
| @ 6632, 6668, 6681, 6688, 6695, 6707, 6724, 6736, 6772, 6815, 6849, 6857, 6858, 6865, 6871, 6881, 6883, 6886, 6895, 6917, 6919, 6921, 6926, 6932, 6951, 6983, 6990, 6996, 7004, 7012, 7023, 7052, 7066, 7076, 7082, 7093, 7098, 7108, 7146, 7183, 7217, 7224 & 7248. |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                       |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
| DEPTH INTERVAL                                                                                                                                                                                                                                                       |                 | AMOUNT AND KIND MATERIAL USED                                                                                                                                                                                                      |                         |                                             |                           |
| 6632 - 7248                                                                                                                                                                                                                                                          |                 | 6000 Gals. 20% NE Acid + 55 Ball Sealers                                                                                                                                                                                           |                         |                                             |                           |
| PRODUCTION                                                                                                                                                                                                                                                           |                 |                                                                                                                                                                                                                                    |                         |                                             |                           |
| Date First Production                                                                                                                                                                                                                                                |                 | Production Method (Flowing, gas lift, pumping - Size and type pump)                                                                                                                                                                |                         | Well Status (Prod. or Shut-in)              |                           |
| 1-2-74                                                                                                                                                                                                                                                               |                 | Flowing                                                                                                                                                                                                                            |                         | Shut-in                                     |                           |
| Date of Test                                                                                                                                                                                                                                                         | Hours Tested    | Choke Size                                                                                                                                                                                                                         | Prod'n. For Test Period | Oil - Bbl.                                  | Gas - MCF                 |
| 1-4-74                                                                                                                                                                                                                                                               | 24              | 14/64"                                                                                                                                                                                                                             |                         | 252                                         | 1183                      |
| Flow Tubing Press.                                                                                                                                                                                                                                                   | Casing Pressure | Calculated 24-Hour Rate                                                                                                                                                                                                            | Oil - Bbl.              | Gas - MCF                                   | Water - Bbl.              |
| 1140#                                                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                    |                         |                                             | 2                         |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                                                                                                                                                           |                 |                                                                                                                                                                                                                                    |                         |                                             | Gas - Oil Ratio           |
| Well is shut in awaiting Administrative approval.                                                                                                                                                                                                                    |                 |                                                                                                                                                                                                                                    |                         |                                             | 4694                      |
| 35. List of Attachments                                                                                                                                                                                                                                              |                 |                                                                                                                                                                                                                                    |                         |                                             | Oil Gravi'y - API (Corr.) |
| Deviation Survey & above listed logs.                                                                                                                                                                                                                                |                 |                                                                                                                                                                                                                                    |                         |                                             | 44.4                      |
| 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 <i>E. L. Gobble</i>                                                                                                                                                                                                                                           |                 | TITLE Region Operation Manager                                                                                                                                                                                                     |                         | DATE January 9, 1974                        |                           |

## 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 _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | 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 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 <b>6532</b> _____ | T. Bone Springs _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____               |

FORMATION RECORD (Attach additional sheets if necessary)

| From                                                          | To   | Thickness<br>in Feet | Formation              |
|---------------------------------------------------------------|------|----------------------|------------------------|
| 6486                                                          | 7345 | 859'                 | Lime                   |
| 7345                                                          | 7361 | 16'                  | Lime & Shale           |
| 7361                                                          | 7371 | 10'                  | Shale & Chert          |
| 7371                                                          | 7385 | 14'                  | Shale, Chert & Granite |
| 7385                                                          | 7433 | 48'                  | Chert & Granite        |
| 7433                                                          | 7444 | 11'                  | Granite                |
| This well was drilled deeper from an O.T.D. 6486 - T.D. 7444. |      |                      |                        |