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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<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br><b>K-6732</b>                                                        |

|                                                                                                                                                                                                                                                  |                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 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 checked="" 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><b>LEA-MEX</b> |

|                                                                       |                                                              |
|-----------------------------------------------------------------------|--------------------------------------------------------------|
| 2. Name of Operator<br><b>J. C. BARNES OIL CO.</b>                    | 9. Well No.<br><b>2</b>                                      |
| 3. Address of Operator<br><b>P.O. BOX - 505, MIDLAND, TEXAS 79701</b> | 10. Field and Pool, or Wildcat<br><b>VACUUM N.W. (WOLF.)</b> |

|                                                                                                                                                                                                          |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 4. Location of Well<br>UNIT LETTER <b>J</b> LOCATED <b>1980'</b> FEET FROM THE <b>SOUTH</b> LINE AND <b>2130'</b> FEET FROM THE <b>EAST</b> LINE OF SEC. <b>5</b> TWP. <b>17-S</b> RGE. <b>34-E</b> NMPM | 12. County<br><b>LEA</b> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|

|                                    |                                        |                                                   |                                                          |                                    |
|------------------------------------|----------------------------------------|---------------------------------------------------|----------------------------------------------------------|------------------------------------|
| 15. Date Spudded<br><b>5-26-71</b> | 16. Date T.D. Reached<br><b>7-1-71</b> | 17. Date Compl. (Ready to Prod.)<br><b>7-9-71</b> | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>4097.9'</b> | 19. Elev. Casinghead<br><b>---</b> |
|------------------------------------|----------------------------------------|---------------------------------------------------|----------------------------------------------------------|------------------------------------|

|                                   |                                      |                                  |                                      |              |             |
|-----------------------------------|--------------------------------------|----------------------------------|--------------------------------------|--------------|-------------|
| 20. Total Depth<br><b>11,050'</b> | 21. Plug Back T.D.<br><b>11,020'</b> | 22. If Multiple Compl., How Many | 23. Intervals Drilled By<br><b>X</b> | Rotary Tools | Cable Tools |
|-----------------------------------|--------------------------------------|----------------------------------|--------------------------------------|--------------|-------------|

|                                                                                                                |                                                                  |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>10,757-10,897' VACUUM N.W. (WOLF.)</b> | 25. Was Directional Survey Made<br><b>DEVIATION RECORD FILED</b> |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|

|                                                                  |                                 |
|------------------------------------------------------------------|---------------------------------|
| 26. Type Electric and Other Logs Run<br><b>RADIOACTIVITY LOG</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>13 3/8"</b>                                     | <b>48 #</b>         | <b>360'</b>    | <b>17 1/4"</b> | <b>240 SXS CIRCULATED</b>             | <b>NONE</b>   |
| <b>8 5/8"</b>                                      | <b>32 &amp; 24#</b> | <b>4300'</b>   | <b>11"</b>     | <b>500 SXS L. WT. &amp; CLASS "H"</b> | <b>NONE</b>   |
| <b>5 1/2"</b>                                      | <b>23# N-80</b>     | <b>11,065'</b> | <b>7 7/8"</b>  | <b>240 SXS POS MIX</b>                | <b>NONE</b>   |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |      |           |
|------------------|-----|--------|--------------|-------------------|------|-----------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE | DEPTH SET |
|                  |     |        |              |                   |      |           |
|                  |     |        |              |                   |      |           |

|                                                                                                   |                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number)<br><b>10,757-776', 10,836-855-859' 10,897'</b> | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br><b>10,757-897'</b><br>AMOUNT AND KIND MATERIAL USED<br><b>15,000 GALS. 20% N.H. ACID &amp; 15,000 GALS. GELLED WATER W/BALL SEALERS.</b> |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| 33. PRODUCTION                         |                                |                                                                                    |                                       |                           |                            |                                                |                                |
|----------------------------------------|--------------------------------|------------------------------------------------------------------------------------|---------------------------------------|---------------------------|----------------------------|------------------------------------------------|--------------------------------|
| Date First Production<br><b>7-9-71</b> |                                | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>FLOW</b> |                                       |                           |                            | Well Status (Prod. or Shut-in)<br><b>PROD.</b> |                                |
| Date of Test<br><b>7-10-71</b>         | Hours Tested<br><b>24</b>      | Choke Size<br><b>16/64"</b>                                                        | Prod'n. For Test Period<br><b>---</b> | Oil - Bbl.<br><b>0.1L</b> | Gas - MCF<br><b>617</b>    | Water - Bbl.<br><b>20</b>                      | Gas - Oil Ratio<br><b>1809</b> |
| Flow Tubing Press.<br><b>225#</b>      | Casing Pressure<br><b>PKR.</b> | Calculated 24 Hour Rate<br><b>---</b>                                              | Oil - Bbl.<br><b>---</b>              | Gas - MCF<br><b>---</b>   | Water - Bbl.<br><b>---</b> | Oil Gravity - API (Corr.)<br><b>40.5</b>       |                                |

|                                                                                                                 |                                         |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>VENTED, PHILLIPS PET. PLANNING TO HOOK-up.</b> | Test Witnessed By<br><b>RON BRITTON</b> |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------|

|                                        |
|----------------------------------------|
| 35. List of Attachments<br><b>NONE</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>R. Britton</b> | TITLE <b>DRLG. ENGINEER</b> | DATE <b>AUGUST 10, 1971</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 1105.

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

### Southeastern New Mexico

T. Anhy 1540  
T. Salt \_\_\_\_\_  
B. Salt \_\_\_\_\_  
T. Yates 2810  
T. 7 Rivers \_\_\_\_\_  
T. Queen 3810  
T. Grayburg \_\_\_\_\_  
T. San Andres 4636  
T. Glorieta 6022  
T. Paddock \_\_\_\_\_  
T. Blinbry \_\_\_\_\_  
T. Tubb 7341  
T. Drinkard \_\_\_\_\_  
T. Abo 8048  
T. Wolfcamp 9810  
T. Penn. \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_

T. Canyon \_\_\_\_\_  
T. Strawn \_\_\_\_\_  
T. Atoka \_\_\_\_\_  
T. Miss \_\_\_\_\_  
T. Devonian \_\_\_\_\_  
T. Silurian \_\_\_\_\_  
T. Montoya \_\_\_\_\_  
T. Simpson \_\_\_\_\_  
T. McKee \_\_\_\_\_  
T. Ellenburger \_\_\_\_\_  
T. Gr. Wash \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. Delaware Sand \_\_\_\_\_  
T. Bone Springs \_\_\_\_\_  
T. \_\_\_\_\_  
T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todilto \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Permian \_\_\_\_\_  
T. Penn. "A" \_\_\_\_\_  
T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Qtzte \_\_\_\_\_  
T. Granite \_\_\_\_\_  
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T. \_\_\_\_\_

## FORMATION RECORD (Attach additional sheets if necessary)

| From   | To     | Thickness<br>in Feet | Formation   | From | To | Thickness<br>in Feet | Formation |
|--------|--------|----------------------|-------------|------|----|----------------------|-----------|
| 0      | 352    | 352                  | RED BEDS    |      |    |                      |           |
| 352    | 360    | 8                    | ANHYDRITE   |      |    |                      |           |
| 360    | 2340   | 1980                 | ANY. & SALT |      |    |                      |           |
| 2340   | 3000   | 660                  | " "         |      |    |                      |           |
| 3000   | 4071   | 1071                 | " & LIME    |      |    |                      |           |
| 4071   | 4134   | 63                   | " "         |      |    |                      |           |
| 4134   | 4300   | 166                  | LIME        |      |    |                      |           |
| 4300   | 4712   | 412                  | "           |      |    |                      |           |
| 4712   | 5428   | 716                  | "           |      |    |                      |           |
| 5428   | 5966   | 538                  | "           |      |    |                      |           |
| 5966   | 6188   | 222                  | "           |      |    |                      |           |
| 6188   | 6493   | 305                  | "           |      |    |                      |           |
| 6493   | 7397   | 904                  | "           |      |    |                      |           |
| 7397   | 7631   | 234                  | "           |      |    |                      |           |
| 7631   | 7825   | 194                  | "           |      |    |                      |           |
| 7825   | 8153   | 328                  | "           |      |    |                      |           |
| 8153   | 9195   | 1042                 | "           |      |    |                      |           |
| 9195   | 9662   | 467                  | "           |      |    |                      |           |
| 9662   | 10,084 | 422                  | "           |      |    |                      |           |
| 10,084 | 10,766 | 682                  | "           |      |    |                      |           |
| 10,766 | 11,050 | T.D.                 |             |      |    |                      |           |

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