

|              |                 |   |
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Form C-105  
Revised 11-1-78

12

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

RECEIVED

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| F-5073                                    |                              |

Bm. 2 8/2/78

|                        |  |                                              |  |                                              |  |                                 |  |                                    |  |
|------------------------|--|----------------------------------------------|--|----------------------------------------------|--|---------------------------------|--|------------------------------------|--|
| 1a. TYPE OF WELL       |  | OIL WELL <input type="checkbox"/>            |  | GAS WELL <input checked="" type="checkbox"/> |  | DRY <input type="checkbox"/>    |  | AUG 14 1978                        |  |
| b. TYPE OF COMPLETION  |  | NEW WELL <input checked="" type="checkbox"/> |  | WORK OVER <input type="checkbox"/>           |  | DEEPEN <input type="checkbox"/> |  | PLUG BACK <input type="checkbox"/> |  |
| 2. Name of Operator    |  | DIFF. RESVR. <input type="checkbox"/>        |  | OTHER <input type="checkbox"/>               |  | O. C. C.                        |  | ARTESIA, OFFICE                    |  |
| 3. Address of Operator |  | Box 1600, Midland, Texas 79702               |  |                                              |  |                                 |  |                                    |  |
| 4. Location of Well    |  | UNIT LETTER N                                |  | LOCATED 660                                  |  | FEET FROM THE South             |  | LINE AND 1980                      |  |
|                        |  | THE West                                     |  | LINE OF SEC. 24                              |  | TWP. 19S                        |  | RGE. 28E                           |  |

|                                |
|--------------------------------|
| 7. Unit Agreement Name         |
| 8. Farm or Lease Name          |
| New Mexico "CU" State          |
| 9. Well No.                    |
| 2                              |
| 10. Field and Pool, or Wildcat |
| Winchester Upper Penn          |
| 11. County                     |
| Eddy                           |

|                                                                   |                       |                                  |                                        |                                 |
|-------------------------------------------------------------------|-----------------------|----------------------------------|----------------------------------------|---------------------------------|
| 15. Date Spudded                                                  | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead            |
| 6-1-78                                                            | 7-25-78               | 8-9-78                           | 3373                                   | --                              |
| 20. Total Depth                                                   | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools                    |
| 10,400                                                            | 10360                 | No                               | →                                      | D-10400                         |
| 24. Producing interval(s), of this completion - Top, Bottom, Name |                       |                                  |                                        | 25. Was Directional Survey Made |
| 9926-9631 Cisco Canyon                                            |                       |                                  |                                        | No                              |
| 26. Type Electric and Other Logs Run                              |                       |                                  |                                        | 27. Was Well Cored              |
| DLL- RXO, CNL-FDC-GR                                              |                       |                                  |                                        | No                              |

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                             |               |
|----------------------------------------------------|----------------|-----------|-----------|-----------------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD            | AMOUNT PULLED |
| 11 3/4                                             | 47#            | 580       | 14 3/4    | 450                         | --            |
| 8 5/8                                              | 24#            | 2842      | 10 5/8    | 1545                        | --            |
| 5 1/2                                              | 20,17,15.5     | 10400     | 7 7/8     | 1490 (TDC 2680 Temp Survey) |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 7/8             | 9569      | 9569       |

|                                                    |  |                                                |  |
|----------------------------------------------------|--|------------------------------------------------|--|
| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |  |
| 9631-9926-46 shots                                 |  | DEPTH INTERVAL                                 |  |
|                                                    |  | 9631-9926                                      |  |
|                                                    |  | AMOUNT AND KIND MATERIAL USED                  |  |
|                                                    |  | Acidized w 7770 gal.                           |  |
|                                                    |  | NE 15% HCL acid                                |  |

|                                                             |                 |                                                                     |                         |            |              |                                |                 |
|-------------------------------------------------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| 33. PRODUCTION                                              |                 |                                                                     |                         |            |              |                                |                 |
| Date First Production                                       |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| 8-10-78                                                     |                 | Flow                                                                |                         |            |              | PROD                           |                 |
| Date of Test                                                | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 8-10-78                                                     | 24              | 16/64                                                               | →                       | 348        | 1798         | -                              | 5/66            |
| Flow Tubing Press.                                          | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
| 1240                                                        | PKR             | →                                                                   | 348                     | 1798       | -            | 58.2                           |                 |
| 34. Disposition of Gas. (Sold, used for fuel, vented, etc.) |                 |                                                                     |                         |            |              | Test Witnessed By              |                 |
| SOLD                                                        |                 |                                                                     |                         |            |              |                                |                 |
| 35. List of Attachments                                     |                 |                                                                     |                         |            |              |                                |                 |

|                                                                                                                                         |           |         |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|
| 36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief. |           |         |
| SIGNED                                                                                                                                  | TITLE     | DATE    |
| D L Clemmer                                                                                                                             | Unit Head | 8-11-78 |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 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 <u>9840</u>  | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt _____                  | T. Strawn <u>10082</u> | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____                  | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates <u>950</u>            | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers <u>1267</u>        | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____                 | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg <u>2095</u>        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>2785</u>      | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____              | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____               | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinbry _____               | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____                  | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____              | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____                   | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp <u>8867</u>        | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____                 | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) <u>9620</u> | T. _____               | T. Penn. "A" _____          | T. _____                |

### OIL OR GAS SANDS OR ZONES

|                                        |                            |
|----------------------------------------|----------------------------|
| No. 1, from <u>9631</u> to <u>9926</u> | No. 4, from _____ to _____ |
| No. 2, from _____ to _____             | No. 5, from _____ to _____ |
| No. 3, from _____ to _____             | No. 6, from _____ to _____ |

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|                            |      |       |
|----------------------------|------|-------|
| No. 1, from _____ to _____ | NONE | feet. |
| No. 2, from _____ to _____ |      | feet. |
| No. 3, from _____ to _____ |      | feet. |
| No. 4, from _____ to _____ |      | feet. |

### FORMATION RECORD (Attach additional sheets if necessary)

| From | To         | Thickness<br>in Feet | Formation        | From  | To    | Thickness<br>in Feet | Formation        |
|------|------------|----------------------|------------------|-------|-------|----------------------|------------------|
| 0    | <u>267</u> | 267                  | Red Bed          | 5438  | 5538  | 100                  | Lime-Shale-Chirt |
| 267  | 748        | 481                  | Red Bed Shells   | 5538  | 5972  | 434                  | Lime             |
| 748  | 964        | 216                  | Sand-Shale       | 5972  | 6238  | 266                  | Lime-Sand        |
| 964  | 1330       | 366                  | Lime-Shale       | 6238  | 6694  | 456                  | Lime             |
| 1330 | 1529       | 199                  | Lime             | 6694  | 7680  | 986                  | Lime-Shale       |
| 1529 | 2065       | 536                  | Lime-Shale       | 7680  | 7750  | 70                   | Lime-Sand-Shale  |
| 2065 | 3010       | 945                  | Lime             | 7750  | 7772  | 22                   | Lime             |
| 3010 | 3261       | 251                  | Sand-Lime        | 7772  | 8925  | 1153                 | Lime-Shale       |
| 3261 | 5151       | 1890                 | Lime             | 8925  | 8937  | 12                   | Lime             |
| 5151 | 5263       | 112                  | Lime-Shale-Chirt | 8937  | 9558  | 621                  | Lime-Shale       |
| 5263 | 5438       | 175                  | Lime             | 9558  | 9696  | 138                  | Shale            |
|      |            |                      |                  | 9696  | 9828  | 132                  | Sand-Lime-Shale  |
|      |            |                      |                  | 9828  | 9977  | 149                  | Shale-Sand       |
|      |            |                      |                  | 9977  | 10201 | 224                  | Lime-Shale       |
|      |            |                      |                  | 10201 | 10243 | 42                   | Shale            |
|      |            |                      |                  | 10243 | 10400 | 157                  | Lime-Shale       |
|      |            |                      |                  | TD    |       |                      |                  |

**EXXON** COMPANY, U.S.A.  
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79701

PRODUCTION DEPARTMENT  
MIDCONTINENT DIVISION

August 10, 1978

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AUG 14 1978

O. C. C.  
ARTESIA, OFFICE

LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON OUR NEW MEXICO "CU"  
NO. 2, EDDY COUNTY, NEW MEXICO.

| <u>DEPTH</u> | <u>DEGREES OF DEVIATION</u> |
|--------------|-----------------------------|
| 300          | 3/4°                        |
| 590          | 3/4°                        |
| 1,080        | 1°                          |
| 1,609        | 3/4°                        |
| 2,100        | 1/2                         |
| 2,820        | 1°                          |
| 3,060        | 1/2°                        |
| 3,220        | 1°                          |
| 3,416        | 1/2°                        |
| 3,660        | 3/4°                        |
| 4,158        | 3/4°                        |
| 4,654        | 3/4°                        |
| 5,156        | 3/4°                        |
| 5,760        | 3/4°                        |
| 6,273        | 1°                          |
| 6,770        | 3/4°                        |
| 7,270        | 3/4°                        |
| 7,730        | 1-1/2°                      |
| 8,032        | 1-1/2°                      |
| 8,309        | 1°                          |
| 8,800        | 1/2°                        |
| 9,333        | 1/2°                        |
| 9,612        | 3/4°                        |
| 9,974        | 1-1/4°                      |
| 10,396       | 1-1/2°                      |

By: D L Clemma  
Unit Head

SWORN TO and subscribed before me this 11 day of August, 1978.

My commission expires: 10-31-78

A DIVISION OF EXXON CORPORATION

James Hall  
Notary Public  
Midland, Texas