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

Form C-105  
Revised 11-7-78

RECEIVED

|                                                                                                                                         |                              |                                                                     |                         |                                                |               |                                              |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------|-------------------------|------------------------------------------------|---------------|----------------------------------------------|-----------------|
| 5a. Indicate Type of Lease                                                                                                              |                              |                                                                     |                         |                                                |               |                                              |                 |
| State <input checked="" type="checkbox"/>                                                                                               | Fee <input type="checkbox"/> |                                                                     |                         |                                                |               |                                              |                 |
| 5. State Oil & Gas Lease No.                                                                                                            |                              |                                                                     |                         |                                                |               |                                              |                 |
| B-2071                                                                                                                                  |                              |                                                                     |                         |                                                |               |                                              |                 |
| 7. Unit Agreement Name                                                                                                                  |                              |                                                                     |                         |                                                |               |                                              |                 |
| 8. Farm or Lease Name                                                                                                                   |                              |                                                                     |                         |                                                |               |                                              |                 |
| GILLESPIE STATE                                                                                                                         |                              |                                                                     |                         |                                                |               |                                              |                 |
| 9. Well No.                                                                                                                             |                              |                                                                     |                         |                                                |               |                                              |                 |
| #9                                                                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| 10. Field and Pool, or Wildcat                                                                                                          |                              |                                                                     |                         |                                                |               |                                              |                 |
| E. EMPIRE YATES 7-Rs                                                                                                                    |                              |                                                                     |                         |                                                |               |                                              |                 |
| 12. County                                                                                                                              |                              |                                                                     |                         |                                                |               |                                              |                 |
| EDDY                                                                                                                                    |                              |                                                                     |                         |                                                |               |                                              |                 |
| 15. Date Spudded                                                                                                                        |                              |                                                                     |                         |                                                |               |                                              |                 |
| 5-26-78                                                                                                                                 |                              |                                                                     |                         |                                                |               |                                              |                 |
| 16. Date T.D. Reached                                                                                                                   |                              |                                                                     |                         |                                                |               |                                              |                 |
| 6-8-78                                                                                                                                  |                              |                                                                     |                         |                                                |               |                                              |                 |
| 17. Date Compl. (Ready to Prod.)                                                                                                        |                              |                                                                     |                         |                                                |               |                                              |                 |
| June 16, 1978                                                                                                                           |                              |                                                                     |                         |                                                |               |                                              |                 |
| 18. Elevations (DF, RKB, RT, GR, etc.)                                                                                                  |                              |                                                                     |                         |                                                |               |                                              |                 |
| GR 3586                                                                                                                                 |                              |                                                                     |                         |                                                |               |                                              |                 |
| 19. Elev. Casinghead                                                                                                                    |                              |                                                                     |                         |                                                |               |                                              |                 |
| 3587                                                                                                                                    |                              |                                                                     |                         |                                                |               |                                              |                 |
| 20. Total Depth                                                                                                                         |                              |                                                                     |                         |                                                |               |                                              |                 |
| 782                                                                                                                                     |                              |                                                                     |                         |                                                |               |                                              |                 |
| 21. Plug Back T.D.                                                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| 781                                                                                                                                     |                              |                                                                     |                         |                                                |               |                                              |                 |
| 22. If Multiple Compl., How Many                                                                                                        |                              |                                                                     |                         |                                                |               |                                              |                 |
| 23. Intervals Drilled By                                                                                                                |                              |                                                                     |                         |                                                |               |                                              |                 |
| Rotary Tools                                                                                                                            |                              |                                                                     |                         |                                                |               |                                              |                 |
| Cable Tools                                                                                                                             |                              |                                                                     |                         |                                                |               |                                              |                 |
| CT                                                                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name                                                                       |                              |                                                                     |                         |                                                |               |                                              |                 |
| 724-730 SEVEN RIVER                                                                                                                     |                              |                                                                     |                         |                                                |               |                                              |                 |
| 25. Was Directional Survey Made                                                                                                         |                              |                                                                     |                         |                                                |               |                                              |                 |
| NO                                                                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| 26. Type Electric and Other Logs Run                                                                                                    |                              |                                                                     |                         |                                                |               |                                              |                 |
| GRN                                                                                                                                     |                              |                                                                     |                         |                                                |               |                                              |                 |
| 27. Was Well Cored                                                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| NO                                                                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| 28. CASING RECORD (Report all strings set in well)                                                                                      |                              |                                                                     |                         |                                                |               |                                              |                 |
| CASING SIZE                                                                                                                             | WEIGHT LB./FT.               | DEPTH SET                                                           | HOLE SIZE               | CEMENTING RECORD                               | AMOUNT PULLED |                                              |                 |
| 8 5/8"                                                                                                                                  | 28#                          | 173                                                                 | 10"                     | NONE                                           | 173'          |                                              |                 |
| 7"                                                                                                                                      | 20#                          | 483                                                                 | 8"                      | NONE                                           | 483'          |                                              |                 |
| 4 1/2"                                                                                                                                  | 9.50#                        | 781                                                                 | 6 1/4"                  | 250 SXS CLASS C"                               | NONE          |                                              |                 |
| 29. LINER RECORD                                                                                                                        |                              | 30. TUBING RECORD                                                   |                         |                                                |               |                                              |                 |
| SIZE                                                                                                                                    | TOP                          | BOTTOM                                                              | SACKS CEMENT            | SCREEN                                         | SIZE          | DEPTH SET                                    | PACKER SET      |
|                                                                                                                                         |                              |                                                                     |                         |                                                | 2 3/8"        | 770                                          | NO              |
| 31. Perforation Record (Interval, size and number)                                                                                      |                              |                                                                     |                         | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |               |                                              |                 |
| 724-730 SEVEN RIVERS                                                                                                                    |                              |                                                                     |                         | DEPTH INTERVAL                                 |               |                                              |                 |
| 10 HOLES SIZE .32                                                                                                                       |                              |                                                                     |                         | 724-730                                        |               |                                              |                 |
|                                                                                                                                         |                              |                                                                     |                         | AMOUNT AND KIND MATERIAL USED                  |               |                                              |                 |
|                                                                                                                                         |                              |                                                                     |                         | 40,000 gal gelled H <sub>2</sub> O             |               |                                              |                 |
|                                                                                                                                         |                              |                                                                     |                         | 500 GAL MSR 150 ACID, 500 GAL                  |               |                                              |                 |
|                                                                                                                                         |                              |                                                                     |                         | 15% HCL, 37,500# 20/40 SAND                    |               |                                              |                 |
|                                                                                                                                         |                              |                                                                     |                         | 7,000# 10/20 SAND, 10,000 FLA 100              |               |                                              |                 |
| 33. PRODUCTION                                                                                                                          |                              |                                                                     |                         |                                                |               |                                              |                 |
| Date First Production                                                                                                                   |                              | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |                                                |               | Well Status (Prod. or Shut-in)               |                 |
| June 16, 1978                                                                                                                           |                              | PUMPING                                                             |                         |                                                |               | PROD.                                        |                 |
| Date of Test                                                                                                                            | Hours Tested                 | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl.                                     | Gas - MCF     | Water - Bbl.                                 | Gas - Oil Ratio |
| JUNE 20, 1978                                                                                                                           | 24                           | NA                                                                  |                         | 90                                             | 10            | -0-                                          |                 |
| Flow Tubing Press.                                                                                                                      | Casing Pressure              | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF                                      | Water - Bbl.  | Oil Gravity - API (Corr.)                    |                 |
| NA                                                                                                                                      | 25#                          |                                                                     | 90                      | 10                                             | -0-           | 39°                                          |                 |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)                                                                              |                              |                                                                     |                         |                                                |               | Test Witnessed By                            |                 |
| SOLD PHILLIPS PETROLEUM                                                                                                                 |                              |                                                                     |                         |                                                |               | Tested by<br>J.P. 24-78<br>6-30-78<br>NCO/PP |                 |
| 35. List of Attachments                                                                                                                 |                              |                                                                     |                         |                                                |               |                                              |                 |
| GRN                                                                                                                                     |                              |                                                                     |                         |                                                |               |                                              |                 |
| 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>Mary L. Butlamant</u>                                                                                                         |                              |                                                                     |                         | TITLE <u>Agent</u>                             |               | DATE <u>June 23, 1978</u>                    |                 |

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than \_\_\_\_\_ 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 <u>520</u>   | 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. Glerieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinberry _____       | 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 _____        | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               | T. Penn. "A" _____          | T. _____               |

## OIL OR GAS SANDS OR ZONES

|                                      |                            |
|--------------------------------------|----------------------------|
| No. 1, from <u>714</u> to <u>718</u> | No. 4, from _____ to _____ |
| No. 2, from <u>724</u> to <u>730</u> | No. 5, from _____ to _____ |
| <u>734</u> to <u>737</u>             | No. 6, from _____ to _____ |
| No. 3, from _____ to _____           |                            |

## IMPORTANT WATER SANDS

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

|                                            |                      |
|--------------------------------------------|----------------------|
| No. 1, from <u>100</u> to <u>105</u> feet. | (SALTY) 1 BAILER/DAY |
| No. 2, from <u>300</u> to <u>307</u> feet. | (SALTY) 2 BAILER/DAY |
| No. 3, from _____ to _____ feet.           |                      |
| No. 4, from _____ to _____ feet.           |                      |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To  | Thickness in Feet | Formation         | From | To  | Thickness in Feet | Formation                  |
|------|-----|-------------------|-------------------|------|-----|-------------------|----------------------------|
| 0    | 50  | 50                | SOIL CALICHE R.B. |      |     |                   |                            |
| 50   | 120 | 70                | Anhy. Gyp.        | 708  | 715 | 7                 | Dolomite, TRACE OIL & GAS. |
| 120  | 173 | 53                | Anhy. R.B.        | 715  | 730 | 15                | Dolomite                   |
| 173  | 240 | 67                | Anhy. R.B.        | 730  | 734 | 4                 | Dolo. 8 gal. of oil/hr.    |
|      |     |                   |                   |      |     |                   | NO H <sub>2</sub> O        |
| 240  | 320 | 80                | Anhy. SAND SHALE  | 734  | 760 | 26                | 15 Gal. H <sub>2</sub> O   |
| 320  | 400 | 80                | SANDY SHALE R.B.  | 760  | 783 | 23                | Dolo. T.D.                 |
| 400  | 483 | 83                | Anhy.             |      |     |                   |                            |
| 483  | 550 | 67                | Anhy. SANDY SHALE |      |     |                   |                            |
| 550  | 670 | 120               | Anhy. & LIME      |      |     |                   |                            |
| 670  | 708 | 38                | Anhy.             |      |     |                   |                            |