

|              |   |   |
|--------------|---|---|
| DISTRIBUTION |   |   |
| SANTA FE     | 1 |   |
| FILE         | 1 | ✓ |
| U.S.G.S.     | 2 |   |
| LAND OFFICE  | 1 |   |
| OPERATOR     |   |   |

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

**JAN 13 1973**

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.              |                              |
| L-98                                      |                              |

|                                              |                                              |                                       |                                    |
|----------------------------------------------|----------------------------------------------|---------------------------------------|------------------------------------|
| 1a. TYPE OF WELL                             |                                              | ARTESIA, OFFICE                       |                                    |
| OIL WELL <input type="checkbox"/>            | GAS WELL <input checked="" type="checkbox"/> | DRY <input type="checkbox"/>          | OTHER <input type="checkbox"/>     |
| b. TYPE OF COMPLETION                        |                                              |                                       |                                    |
| 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"/>     |

|                               |
|-------------------------------|
| 7. Unit Agreement Name        |
| 8. Farm or Lease Name         |
| Quail State                   |
| 9. Well No.                   |
| 1                             |
| 10. Field and Pool or Wildcat |
| Red Lake P-G-S-A              |

|                        |                                         |
|------------------------|-----------------------------------------|
| 2. Name of Operator    | Collier & Collier                       |
| 3. Address of Operator | P.O. Box 798, Artesia, New Mexico 88210 |

|                                                                       |                                                                              |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|
| 4. Location of Well                                                   |                                                                              |
| UNIT LETTER <u>N</u>                                                  | LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM |
| THE <u>West</u> LINE OF SEC. <u>8</u> TWP. <u>17S</u> RGE. <u>28E</u> | 12. County <u>Eddy</u>                                                       |

|                                                                   |                       |                                  |                                        |                                 |
|-------------------------------------------------------------------|-----------------------|----------------------------------|----------------------------------------|---------------------------------|
| 15. Date Spudded                                                  | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Casinghead            |
| 3/28/77                                                           | 9/27/77               | 9/29/77                          | 3635 GL                                | 3635                            |
| 20. Total Depth                                                   | 21. Plug Back T.D.    | 22. If Multiple Compl., How Many | 23. Intervals Drilled By               | Rotary Tools                    |
| 1831                                                              | 1831                  |                                  |                                        | Cable Tools                     |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name |                       |                                  |                                        | 25. Was Directional Survey Made |
| 1755 - 1767      1792 - 1803      Premier                         |                       |                                  |                                        | No                              |
| 26. Type Electric and Other Logs Run                              |                       |                                  |                                        | 27. Was Well Cored              |
| Sample Logs                                                       |                       |                                  |                                        | No                              |

| 28. CASING RECORD (Report all strings set in well) |                |           |           |                              |               |
|----------------------------------------------------|----------------|-----------|-----------|------------------------------|---------------|
| CASING SIZE                                        | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD             | AMOUNT PULLED |
| 7"                                                 | 20#            | 539       | 8"        | 100 Sx C1 "C" Circ. to surf. |               |
| 5 1/2"                                             | 14#            | 1488.6    | 6 1/2"    | 100 Sx C1 "C"                |               |
|                                                    |                |           |           |                              |               |

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

|                                                    |                                                |                               |
|----------------------------------------------------|------------------------------------------------|-------------------------------|
| 31. Perforation Record (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|                                                    | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                    |                                                |                               |
|                                                    |                                                |                               |
|                                                    |                                                |                               |

| 33. PRODUCTION        |                 |                                                                     |                         |            |              |                                |                 |
|-----------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------|--------------|--------------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                         |            |              | Well Status (Prod. or Shut-in) |                 |
| WA                    |                 | Flowing                                                             |                         |            |              | Shut-in                        |                 |
| Date of Test          | Hours Tested    | Choke Size                                                          | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                   | Gas - Oil Ratio |
| 11/6/77               | 24 hr.          |                                                                     |                         | -0-        | 45 MCF       | -0-                            |                 |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.)      |                 |
|                       | 475#            |                                                                     | -0-                     | 45 MCF     | -0-          | BTU Gas 1089                   |                 |

|                                                            |                   |
|------------------------------------------------------------|-------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) | Test Witnessed By |
| Shut in - Waiting on Connections                           | Joe Savoie        |

|                          |
|--------------------------|
| 35. List of Attachments  |
| Sample Log, Gas Analysis |

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 Harold Siquier TITLE Agent DATE 12/13/78

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of the well. It shall be accompanied by one copy of all electrical and radio-activity logs in 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 <u>Sample Tops</u>        | 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>410</u>            | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. <del>Ogden</del> <u>1252</u>   | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. <del>Penrose</del> <u>1354</u> | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. Grayburg <u>1515</u>           | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. San Andres <u>1767</u>         | T. McKee _____         | T. Base Greenhorn _____     | T. Granite _____        |
| T. Glorieta _____                 | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Paddock _____                  | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Blinebry _____                 | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Tubb _____                     | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Drinkard _____                 | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Abo _____                      | T. _____               | T. Chinle _____             | T. _____                |
| T. Wolfcamp _____                 | T. _____               | T. Permian _____            | T. _____                |
| T. Penn. _____                    | T. _____               | T. Penn. "A" _____          | T. _____                |
| T. Cisco (Bough C) _____          | T. _____               |                             |                         |

## OIL OR GAS SANDS OR ZONES

|                                      |                            |
|--------------------------------------|----------------------------|
| No. 1, from <u>493</u> to <u>496</u> | No. 4, from _____ to _____ |
| No. 2, from <u>499</u> to <u>501</u> | No. 5, from _____ to _____ |
| No. 3, from <u>507</u> to <u>510</u> | 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 <u>90'</u> <u>slight show of brine</u> _____ feet. |                                 |
| No. 2, from <u>997</u> to <u>1003</u> _____ feet.              | <u>5 1/2</u> Bailers in 24 hrs. |
| No. 3, from <u>1460</u> to <u>1475</u> _____ feet.             | <u>500'</u> Water in hole.      |
| No. 4, from _____ to _____ feet.                               |                                 |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness in Feet | Formation               | From | To   | Thickness in Feet | Formation                   |
|------|------|-------------------|-------------------------|------|------|-------------------|-----------------------------|
| 01   | 45   | 44                | Dirt & Caliche          | 1515 | 1524 |                   | Sand                        |
| 45   | 510  | 465               | Lime - Sandy Lime       | 1524 | 1530 |                   | Lime                        |
| 510  | 541  | 31                | Sandy Lime              | 1530 | 1618 |                   | Lime - Broken Lime          |
| 541  | 980  |                   | Anhydrite               | 1618 | 1637 |                   | Sand & Shale                |
| 980  | 997  |                   | Sandy Anhydrite         | 1637 | 1700 |                   | Lime                        |
| 997  | 1022 |                   | Red Sand                | 1700 | 1710 |                   | Pink Lime                   |
| 1022 | 1345 |                   | Anhydrite               | 1710 | 1755 |                   | Sandy Lime                  |
| 1345 | 1354 |                   | Red Shale & Anhydrite   | 1755 | 1767 |                   | Sand & Shale - Gas to Surf. |
| 1354 | 1358 |                   | Lime                    | 1767 | 1792 |                   | Lime Show of oil.           |
| 1358 | 1395 |                   | Sandy Shale & Anhydrite | 1792 | 1803 |                   | Sandy - Increase in Gas     |
| 1395 | 1460 |                   | Broken Anhydrite        | 1803 | 1816 |                   | Lime                        |
| 1460 | 1497 |                   | Anhydrite & Lime        | 1816 | 1831 |                   | Lime - T.D.                 |
| 1497 | 1515 |                   | Anhydrite & Lime        |      |      |                   |                             |