

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## RECEIVED BY CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
ARTESIA, OFFICE

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|                                                                        |
|------------------------------------------------------------------------|
| 5a. Indicate Type of Lease                                             |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.                                           |
| 647                                                                    |

|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1a. TYPE OF WELL<br>Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                                   |                                                                                | 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 _____ |                                                                                | 8. Farm or Lease Name<br>State CC                                                                                                                                           |                                                                                               |
| 2. Name of Operator<br>Hondo Oil & Gas Company ✓                                                                                                                                                                              |                                                                                | 9. Well No.<br>1                                                                                                                                                            |                                                                                               |
| 3. Address of Operator<br>P. O. Box 1710, Hobbs, New Mexico 88240                                                                                                                                                             |                                                                                | 10. Field and Pool, or Wildcat<br>Wildcat Atoka Gas                                                                                                                         |                                                                                               |
| 4. Location of Well<br>UNIT LETTER <u>N</u> LOCATED <u>990</u> FEET FROM THE <u>South</u> LINE AND <u>2235</u> FEET FROM <u>West</u> LINE OF SEC. <u>26</u> TWP. <u>17S</u> R. <u>28E</u> NMPM                                |                                                                                | 12. County<br>Eddy                                                                                                                                                          |                                                                                               |
| 15. Date Spudded<br>10/4/84                                                                                                                                                                                                   | 16. Date T.D. Reached<br>11/25/84                                              | 17. Date Compl. (Ready to Prod.)<br>12/26/84                                                                                                                                | 18. Elevations (DF, RAB, RT, GK, etc.)<br>3672.1' GR                                          |
| 19. Elev. Cushinghead                                                                                                                                                                                                         |                                                                                |                                                                                                                                                                             |                                                                                               |
| 20. Total Depth<br>10,900'                                                                                                                                                                                                    | 21. Plug Back T.D.<br>10,400'                                                  | 22. If Multiple Compl., How Many                                                                                                                                            | 23. Intervals Drilled By<br>Rotary Tools<br>Cable Tools<br>0-10,900'                          |
| 4. Producing interval(s), of this completion - Top, Bottom, Name<br>10,011-10,018' Atoka Gas                                                                                                                                  |                                                                                |                                                                                                                                                                             | 25. Was Directional Survey Made<br>No                                                         |
| 26. Type Electric and Other Logs Run<br>GR-CNL/FDC w/Cal, DLL/RXO, CBL, CCL                                                                                                                                                   |                                                                                |                                                                                                                                                                             | 27. Was Well Cored<br>No                                                                      |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                            |                                                                                |                                                                                                                                                                             |                                                                                               |
| CASING SIZE                                                                                                                                                                                                                   | WEIGHT LB./FT.                                                                 | DEPTH SET                                                                                                                                                                   | HOLE SIZE                                                                                     |
| 20" Cond Pipe                                                                                                                                                                                                                 |                                                                                | 30'                                                                                                                                                                         | 26"                                                                                           |
| 13-3/8" OD                                                                                                                                                                                                                    | 54.5#                                                                          | 669'                                                                                                                                                                        | 17 1/2"                                                                                       |
| 8-5/8" OD                                                                                                                                                                                                                     | 28#                                                                            | 2600'                                                                                                                                                                       | 11"                                                                                           |
| 5 1/2" OD                                                                                                                                                                                                                     | 17#                                                                            | 10,900'                                                                                                                                                                     | 7-7/8"                                                                                        |
| 29. LINER RECORD                                                                                                                                                                                                              |                                                                                | 30. TUBING RECORD                                                                                                                                                           |                                                                                               |
| SIZE                                                                                                                                                                                                                          | TOP                                                                            | BOTTOM                                                                                                                                                                      | SACKS CEMENT                                                                                  |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | SCREEN                                                                                        |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | SIZE                                                                                          |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | DEPTH SET                                                                                     |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | PACKER SET                                                                                    |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | 2-3/8" OD                                                                                     |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | 9956'                                                                                         |
|                                                                                                                                                                                                                               |                                                                                |                                                                                                                                                                             | 9956'                                                                                         |
| 31. Perforation Record (Interval, size and number)<br>10,011, 12, 13, 14, 15, 16, 17, 10,018' - 32 .50" holes                                                                                                                 |                                                                                | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br>10,432-10,500' 2000 gals 7 1/2% Morrow acid cont'g 1000 SCF/bbl N2<br>10,400' CIBP - Blanked off Morrow |                                                                                               |
| 33. PRODUCTION                                                                                                                                                                                                                |                                                                                |                                                                                                                                                                             |                                                                                               |
| Date First Production<br>12/19/84                                                                                                                                                                                             | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Flowing |                                                                                                                                                                             | Well Status (Prod. or Shut-in)<br>SI, WOPLC                                                   |
| Date of Test<br>1/3/85                                                                                                                                                                                                        | Hours Tested<br>4 pt                                                           | Choke Size<br>Various                                                                                                                                                       | Prod'n. Per Test Period<br>Oil - Bbl. 6 Gas - MCF 757 Water - Bbl. 0 Gas - Oil Ratio 126.16:1 |
| Flow Tubing Press.<br>2671#                                                                                                                                                                                                   | Casing Pressure<br>Pkr                                                         | Calculated 24-Hour Rate<br>36                                                                                                                                               | Oil Gravity - API (Corr.)<br>52.30                                                            |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>SI, WOPLC                                                                                                                                                       |                                                                                |                                                                                                                                                                             | Test Witnessed By<br>J. Cogburn                                                               |
| 35. List of Attachments<br>Logs as listed in Item 26 above & Inclination Report                                                                                                                                               |                                                                                |                                                                                                                                                                             |                                                                                               |
| 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>Elizabeth S. Bush</u>                                                                                                                                                                                               |                                                                                | TITLE <u>Drlg. Engr.</u>                                                                                                                                                    | DATE <u>1/10/85</u>                                                                           |

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 10 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 _____ 9230'   | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____ 9858'    | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____ 10,552'   | 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 Qizte _____ |
| 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 _____ 8030'  | T. Chester Lime 10,664' | T. Chinle _____             | T. _____               |
| T. Penn. _____           | T. _____                | T. Pennian _____            | T. _____               |
| T. Cisco (Bough C) _____ | T. _____                | T. Penn. "A" _____          | T. _____               |

### OIL OR GAS SANDS OR ZONES

|                                                        |                            |
|--------------------------------------------------------|----------------------------|
| No. 1, from _____ 10,011' _____ to _____ 10,018' _____ | 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 _____ feet | None encountered |
| 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 in Feet | Formation            | From | To | Thickness in Feet | Formation |
|------|-------|-------------------|----------------------|------|----|-------------------|-----------|
| 0    | 474   | 474               | Surface & Red Bed    |      |    |                   |           |
| 474  | 557   | 83                | Red Bed              |      |    |                   |           |
| 557  | 2600  | 2043              | Anhydrite & Dolomite |      |    |                   |           |
| 2600 | 2656  | 56                | Lime                 |      |    |                   |           |
| 2656 | 4010  | 1354              | Lime & Dolo          |      |    |                   |           |
| 4010 | 4546  | 536               | Lime, Dolo, Shale    |      |    |                   |           |
| 4546 | 4890  | 344               | Lime, Shale, Dolo    |      |    |                   |           |
| 4890 | 6822  | 1932              | Lime & Shale         |      |    |                   |           |
| 6822 | 7784  | 962               | Lime & Shale         |      |    |                   |           |
| 7784 | 8018  | 234               | Lime                 |      |    |                   |           |
| 8018 | 10900 | 2882              | Lime & Shale         |      |    |                   |           |