

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P.O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |                                     |
|------------------------|-------------------------------------|
| NO. OF COPIES RECEIVED |                                     |
| DISTRIBUTION           |                                     |
| SANTA FE               | <input checked="" type="checkbox"/> |
| FILE                   | <input checked="" type="checkbox"/> |
| U.S.G.S.               | <input checked="" type="checkbox"/> |
| LAND OFFICE            |                                     |
| OPERATOR               |                                     |

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 5a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |                                         |
| 30-005-61987                   |                                         |

JUL 27 1983

|                                                                                                                               |  |                                              |  |                                              |  |                                                      |  |                                        |  |
|-------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|----------------------------------------------|--|------------------------------------------------------|--|----------------------------------------|--|
| 1a. TYPE OF WELL                                                                                                              |  | OIL WELL <input checked="" type="checkbox"/> |  | GAS WELL <input 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"/>                       |  |                                        |  |
| 2. Name of Operator<br>Rhymes Drilling Co., Inc. ✓                                                                            |  |                                              |  |                                              |  |                                                      |  |                                        |  |
| 3. Address of Operator<br>P.O. Box 729, Roswell, NM 88201                                                                     |  |                                              |  |                                              |  |                                                      |  |                                        |  |
| 4. Location of Well                                                                                                           |  |                                              |  |                                              |  |                                                      |  |                                        |  |
| UNIT LETTER <u>L</u> LOCATED <u>1650</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM                             |  |                                              |  |                                              |  |                                                      |  |                                        |  |
| THE <u>West</u> LINE OF SEC. <u>6</u> TWP. <u>8 S</u> RGE. <u>29 East</u> NMPM                                                |  |                                              |  |                                              |  |                                                      |  |                                        |  |
| 15. Date Spudded<br>04-24-83                                                                                                  |  | 16. Date T.D. Reached<br>05-12-83            |  | 17. Date Compl. (Ready to Prod.)<br>05-27-83 |  | 18. Elevations (DF, RKB, RT, GR, etc.)<br>4027.7 GR  |  | 19. Elev. Casinghead<br>4026           |  |
| 20. Total Depth<br>2722'                                                                                                      |  | 21. Plug Back T.D.<br>2718'                  |  | 22. If Multiple Compl., How Many<br>n/a      |  | 23. Intervals Drilled By<br>Rotary Tools<br>126-2722 |  | Cable Tools<br>0-126                   |  |
| 24. Producing Interval(s), of this completion -- Top, Bottom, Name<br>2599'-2624' P-1 San Andres @1960 Top P-1 @2570 Bt @2653 |  |                                              |  |                                              |  |                                                      |  | 25. Was Directional Survey Made<br>Yes |  |
| 26. Type Electric and Other Logs Run<br>LDT, DLL, MSFL, GR                                                                    |  |                                              |  |                                              |  |                                                      |  | 27. Was Well Cored<br>No               |  |

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8 5/8"      | 24#            | 126'      | 11"       | 75 SX.           | None          |
| 4 1/2"      | 11.60#         | 2718'     | 7 7/8"    | 150 SX.          | None          |
|             |                |           |           |                  |               |

## LINER RECORD

| SIZE | TOP   | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-------|--------|--------------|--------|-------|-----------|------------|
| None | ----- | -----  | -----        | -----  | 2 3/8 | 2568      | -----      |
| None | ----- | -----  | -----        | -----  | ----- | -----     | -----      |

## TUBING RECORD

| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                 |
|----------------------------------------------------|--|------------------------------------------------|---------------------------------|
| 2599'-2600'-20 Holes                               |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED   |
| 2602'-2612'-10 Holes                               |  | 2599'-2624'                                    | 8000 Gal 15% NEFE               |
| 2617'-2624'-8 Holes                                |  | 2599'-2624'                                    | 60,000 Gal gelled 2% KCL        |
| Total 20 3/8" Holes                                |  |                                                | 90,000 #20/40 Sand              |
|                                                    |  |                                                | 10,000 #100 Mesh - 7,000 #10/20 |

## PRODUCTION

|                                       |                      |                                                                                             |                              |                  |                     |                                         |                         |
|---------------------------------------|----------------------|---------------------------------------------------------------------------------------------|------------------------------|------------------|---------------------|-----------------------------------------|-------------------------|
| 33. Date First Production<br>04-27-83 |                      | Production Method (Flowing, gas lift, pumping -- Size and type pump)<br>Pumping 1 1/2" x 2" |                              |                  |                     | Well Status (Prod. or Shut-in)<br>Prod. |                         |
| Date of Test<br>07-14-83              | Hours Tested<br>24   | Choke Size<br>3/32                                                                          | Prod'n. For Test Period<br>→ | Oil -- Bbl.<br>5 | Gas -- MCF<br>1.933 | Water -- Bbl.<br>33                     | Gas -- Oil Ratio<br>387 |
| Flow Tubing Press.<br>0-1             | Casing Pressure<br>0 | Calculated 24-Hour Rate<br>→                                                                | Oil -- Bbl.<br>0             | Gas -- MCF<br>0  | Water -- Bbl.<br>0  | Oil Gravity -- API (Corr.)<br>27.5      |                         |

|                                                                      |                                   |
|----------------------------------------------------------------------|-----------------------------------|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Vented | Test Witnessed By<br>K.W. Osbourn |
|----------------------------------------------------------------------|-----------------------------------|

|                                                     |
|-----------------------------------------------------|
| 35. List of Attachments<br>Logs, Deviation Surveys, |
|-----------------------------------------------------|

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 Operations Manager

DATE 07-25-83

## 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 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 872'         | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen 1492'           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres 1960'      | 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 _____        | 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 2599' to 2624' | 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 None to _____ 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     | 872  | 872                  | Permian Redbeds Salt, Anhy,             |      |    |                      |           |
| 872'  | 1492 | 620'                 | Red & green Shales                      |      |    |                      |           |
| 1492' | 1960 | 468'                 | Red Beds                                |      |    |                      |           |
| 1960' | 2564 | 604'                 | Anhy, Salt w/ shale &<br>Dolomite       |      |    |                      |           |
| 2564' | 2722 | 158'                 | Dolomite w/ minor sand,<br>Anhy & Shale |      |    |                      |           |



# R.D.C., INCORPORATED

Petroleum Exploration • Drilling • Production

O'Brien-Deming "6" #1 ✓  
1650' FSL & 660' FWL  
Sec. 6, T 8 S, R 29 E  
Chaves County, New Mexico

27 1983  
S.D.  
27 1983

## DEVIATION TESTS

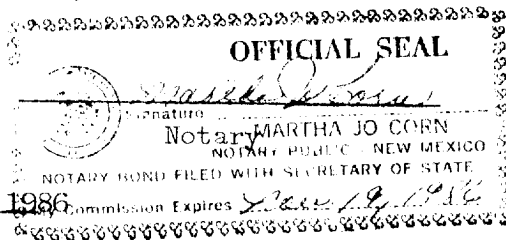
|       |            |
|-------|------------|
| 127'  | 1/4 Degree |
| 500'  | 1/4 Degree |
| 1002' | 1/2 Degree |
| 1504' | 1/2 Degree |
| 2120' | 1 Degree   |
| 2550' | 1 Degree   |
| 2722' | 1 Degree   |

L.L. Liveoak

Operations Manager

State of New Mexico  
County of Chaves

The foregoing instrument was acknowledged before me on this \_\_\_\_\_  
day of July 26, 1983 by L.L. Liveoak.



My commission expires Nov. 19, 1986