

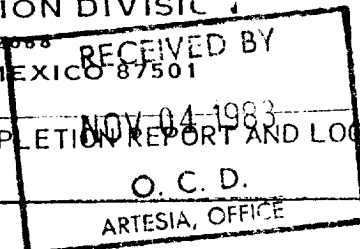
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2000  
SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|                        |   |
|------------------------|---|
| NO. OF COPIES RECEIVED |   |
| DISTRIBUTION           |   |
| SANTA FE               | ✓ |
| FILE                   | ✓ |
| U.S.G.S.               | ✓ |
| LAND OFFICE            | ✓ |
| OPERATOR               | ✓ |



|  |
|--|
| 5a. Indicate Type of Lease   |
| State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No.   |
| N/A  |
| 7. Unit Agreement Name   |
| 8. Farm or Lease Name  |
| O'Brien "19"   |
| 9. Well No.  |
| 1  |
| 10. Field and Pool, or Wildcat   |
| Twin Lakes SA Assoc.   |
| 12. County   |
| Chaves   |
| 19. Elev. Casinghead   |
| 3972.6   |
| 25. Was Directional Survey   |
| @ 2825'  |
| yes - 1/2 0  |
| 27. Was Well Cored   |
| no   |

|   |
|---|
| 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              |
| RHYMES DRILLING CO., INC. ✓      |
| 3. Address of Operator           |
| P.O. Box 729 - Roswell, NM 88201 |

|   |
|---|
| 4. Location of Well   |
| UNIT LETTER <u>E</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM |
| THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>8S</u> RGE. <u>29E</u> NMPM                        |

|   |
|---|
| 15. Date Spudded  |
| 9/16/83   |
| 16. Date T.D. Reached   |
| 9/21/83   |
| 17. Date Compl. (Ready to Prod.)                                  |
| 10/11/83  |
| 18. Elevations (DF, RKB, RT, GR, etc.)                            |
| 3972.6 gr   |
| 19. Elev. Casinghead  |
| 3972.6  |
| 20. Total Depth   |
| 2850'   |
| 21. Plug Back T.D.  |
| 2797.8'   |
| 22. If Multiple Compl., How Many                                  |
| N/A   |
| 23. Intervals Drilled By  |
| Rotary Tools 125-2850'  |
| Cable Tools 0-125   |
| 24. Producing Interval(s), of this completion - Top, Bottom, Name |
| top 2642 bottom 2730  |
| San Andres P-1  |
| 26. Type Electric and Other Logs Run                              |
| Open Hole - LDT, DLL, MSFL  |
| 27. Was Well Cored  |
| no  |

|  |
|--|
| 28. CASING RECORD (Report all strings set in well) |
| CASING SIZE  |
| 8-5/8"   |
| 4-1/2"   |
| WEIGHT LB./FT.                                     |
| 24   |
| 9.50   |
| DEPTH SET  |
| 125  |
| 2828   |
| HOLE SIZE  |
| 11   |
| 7-7/8"   |
| CEMENTING RECORD                                   |
| 6 yds 3% CACL                                      |
| 175s-cls!C' 50/50 POZ - 3%                         |
| KCL, 5% CFI, .1% AF HD                             |
| AMOUNT PULLED                                      |
| N/A  |

|                   |
|-------------------|
| 29. LINER RECORD  |
| SIZE              |
| none              |
| TOP               |
| BOTTOM            |
| SACKS CEMENT      |
| SCREEN            |
| 30. TUBING RECORD |
| SIZE              |
| 2-3/8"            |
| DEPTH SET         |
| 2731.33           |
| PACKER SET        |
| none              |

|  |
|--|
| 31. Perforation Record (Interval, size and number)   |
| 18 shots - size .32  |
| 2648.5, 49, 52, 52.5, 55, 60.5, 61, 61.5, 83, 83.5, 87.5, 88, 88.5, 89, 90.5, 91.5, 92, 95 |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |
| DEPTH INTERVAL   |
| 2648.5 - 2695  |
| AMOUNT AND KIND MATERIAL USED  |
| 7000 gal. 28% NEFE   |

|   |
|---|
| 33. PRODUCTION  |
| Date First Production   |
| 10/24/83  |
| Production Method (Flowing, gas lift, pumping - Size and type pump) |
| pumping rod pump 1-1/2" x 2" x 10'                                  |
| Well Status (Prod. or Shut-in)                                      |
| producing   |
| Date of Test  |
| 10/29/83  |
| Hours Tested  |
| 24  |
| Choke Size  |
| 3/32  |
| Media. For Test Period  |
| Oil - Bbl.  |
| 12  |
| Gas - MCF   |
| 2.002   |
| Water - Bbl.  |
| 6   |
| Gas - Oil Ratio   |
| 166   |
| Flow Tubing Press.  |
| -0-   |
| Casing Pressure   |
| 1#  |
| Calculated 24-Hour Rate   |
| Oil - Bbl.  |
| Gas - MCF   |
| Water - Bbl.  |
| Oil Gravity - API (Corr.)   |
| 24  |

|  |
|--|
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.) |
| used for fuel  |
| Test Witnessed By  |
| C. Chew  |

|                               |
|-------------------------------|
| 35. List of Attachments       |
| deviation survey verification |

|   |
|---|
| 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. |
| Judith A. Mitchell  |
| SIGNED <u>J. Mitchell</u> TITLE <u>Production Clerk</u> DATE <u>Oct. 31, 1983</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 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 <u>904</u>       | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____         | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen <u>1543</u>      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____         | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres <u>2027</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____         | 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 2642 to 2730 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    | 904  | 904'                 | Permian Redbeds-Salt,<br>Anhy         |      |    |                      |           |
| 904  | 1543 | 639'                 | Red & Green Shales                    |      |    |                      |           |
| 1543 | 2027 | 484'                 | Red Beds                              |      |    |                      |           |
| 2027 | 2642 | 615'                 | Anhy, Salt w/shale &<br>Dolomite      |      |    |                      |           |
| 2642 | 2850 | 208'                 | Dolomite w/minor sand<br>Anhy & Shale |      |    |                      |           |

WELL NAME AND NUMBER O'BRIEN "19" #1 ✓  
LOCATION 17-8-29  
OPERATOR Rhymes Drilling Co. Inc.  
DRILLING CONTRACTOR SALAZAR BROTHERS Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and has conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u> |
|------------------------|------------------------|------------------------|
| <u>1/4° @ 526'</u>     |                        |                        |
| <u>1/2° @ 1000'</u>    |                        |                        |
| <u>1/2° @ 1546'</u>    |                        |                        |
| <u>1/4° @ 2050'</u>    |                        |                        |
| <u>1/2° @ 2560'</u>    |                        |                        |
| <u>1/2° @ 2825'</u>    |                        |                        |
|                        |                        |                        |

Drilling Contractor SALAZAR BROTHERS DRG, Inc  
Jesus Salazar  
PRESIDENT

Subscribed and sworn to before me this 30<sup>th</sup> day of September 1983



OFFICIAL SEAL  
RITA S. PHAGAN  
NOTARY PUBLIC - NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires 8/19/85

Rita Phagan  
Notary Public

My Commission Expires:

Bern County