

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

NOV 04 1983

ARTESIA, OFFICE

| | |
|------------------------|-------------------------------------|
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| SANTA FE | <input checked="" type="checkbox"/> |
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| LAND OFFICE | <input checked="" type="checkbox"/> |
| OPERATOR | <input checked="" type="checkbox"/> |

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

1a. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name

8. Farm or Lease Name
O'Brien "19"

2. Name of Operator
RHYMES DRILLING CO., INC. ✓

9. Well No.
3

3. Address of Operator
P.O. Box 729 - Roswell, NM 88201

10. Field and Pool, or Wildcat
Twin Lakes SA Assoc.

4. Location of Well
UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE AND 2310 FEET FROM
THE East LINE OF SEC. 19 TWP. 8S RGE. 29E NMPM

12. County
Chaves

15. Date Spudded 9/24/83 16. Date T.D. Reached 10/4/83 17. Date Compl. (Ready to Prod.) 10/9/83 18. Elevations (DF, RKB, RT, GR, etc.) 3964.5 gr 19. Elev. Casinghead 3964.5

20. Total Depth 2800 21. Plug Back T.D. 2758 22. If Multiple Compl., How Many N/A 23. Intervals Drilled By: Rotary Tools 125-2800' Cable Tools 0-125'

24. Producing Interval(s), of this completion - Top, Bottom, Name
San Andres P-1
top - 2623 bottom 2710

25. Was Directional Survey Made
Yes

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 | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|---|---------------|
| 8-5/8" | 24 | 125 | 11 | 6 yd CACL | N/A |
| 4-1/2" | 9.5/10.5/ | 1.6 2795 | 7-7/8 | 175s c1.C' 50/50 POZ 3% KCL, 5% CFR-.1%AF-HD | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
| N/A | | | | | 2-3/8" | 2716 | none |

30. TUBING RECORD

31. Perforation Record (Interval, size and number)
size .32 - 1 shot per foot - total 23 shots
2633, 34, 35.5, 36.5, 37, 39.5, 40, 41, 42.5, 61, 61.5,
62.5, 66, 66.5, 67, 70.5, 71, 71.5, 75.5, 76, 80, 81,
82

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 2633-82 | 8000 gal. 28% |

33. PRODUCTION

Date First Production 10/25/83 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 | Hours Tested | Choke Size | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|-----------------|
| 10/27/83 | 24 | 3/32 | | 33 | 2.496 | 15 | 76 |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| -0- | 5# | | | | | 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.

SIGNED Judith A. Mitchell TITLE Production Clerk DATE October 31, 1983

INSTRUCTIONS

3

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>916</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>1534</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg _____ | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres <u>2036</u> | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry _____ | 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>2623</u> to <u>2710</u> | 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 <u>none</u> 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 in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|-------------------------------------|------|----|-------------------|-----------|
| 0 | 916 | 916' | Permian Redbeds-Salt, Anhy | | | | |
| 916 | 1534 | 618' | Red & Green Shales | | | | |
| 1534 | 2036 | 502' | Red Beds | | | | |
| 2036 | 2623 | 587' | Anhy, Salt w/shale & Dolomite | | | | |
| 2623 | 2800 | 177' | Dolomite w/minor sand, Anhy & Shale | | | | |

WELL NAME AND NUMBER O'BRIEN "19" #3
 LOCATION SECTION 19, T8S, R29E
 OPERATOR Rhymes Drilling, 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>0° 500'</u> | _____ | _____ |
| <u>1/4° 1015'</u> | _____ | _____ |
| <u>1/4-1/2° 1515'</u> | _____ | _____ |
| <u>1/4° 2000'</u> | _____ | _____ |
| <u>1/2° 2800'</u> | _____ | _____ |
| <u>1/4-1/2° 2796'</u> | _____ | _____ |

Drilling Contractor SALAZAR Bros Drilling Inc

By: [Signature]
 Title: PRESIDENT

Subscribed and sworn to before me this 7 day of October, 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: _____ County _____