

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form O-105
Revised 10-1-78

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED BY

NOV 04 1983

O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.
N/A

1a. TYPE OF WELL *Oil Well*
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐
OIL WELL ☒ GAS WELL ☐ DRY ☐
PLUG BACK ☐ DIFF. RESVR. ☐

7. Unit Agreement Name
8. Farm or Lease Name
O'Brien "19"

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

9. Well No.
2
10. Field and Pool, or Wildcat
Twin Lakes SA Assoc.

4. Location of Well
UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1650 FEET FROM
THE West LINE OF SEC. 19 TWP. 8S RGE. 29E NMPM

12. County
Chaves

15. Date Spudded
9/9/83
16. Date T.D. Reached
9/29/83
17. Date Compl. (Ready to Prod.)
10/10/83

18. Elevations (DF, RKB, RT, GR, etc.)
3985.7 gr
19. Elev. Casinghead
3985.7

20. Total Depth
2800
21. Plug Back T.D.
2749
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
top-2648 Bottom-2733
San Andres P-1

25. Was Directional Survey Made
yes

26. Type Electric and Other Logs Run
Open Hole - LDT, DLL, MSFL

27. Was Well Cored
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	125	11	6 yds 3% CACL	N/A
4-1/2"	10.50/11.60	2781.93	7-7/8	175 s cls "C" 50/50 POZ, 3% KCL, 5% CF1 .1% AF-HD	

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
none					2-3/8"	2736	none

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
26 shots - 1 shot per foot 2659, 59.5, 61, 61.5, 62, 62.5, 63.5, 64, 65, 65.5, 66, 66.5, 67, 67.5, 68, 87.5, 88, 89, 90, 91, 97, 98, 99, 2700, 01, 02	<table> <tr> <th>DEPTH INTERVAL</th><th>AMOUNT AND KIND MATERIAL USED</th></tr> <tr> <td>2659-68</td><td>4000 gal. 20%</td></tr> <tr> <td>2687.5 -2702</td><td>4000 gal. 28%</td></tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	2659-68	4000 gal. 20%	2687.5 -2702	4000 gal. 28%
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED						
2659-68	4000 gal. 20%						
2687.5 -2702	4000 gal. 28%						

33. PRODUCTION
Date First Production
10/27/83
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
10/28/83
Hours Tested
24
Choke Size
3/32
Prod'n. For Test Period
Oil - Bbl.
27
Gas - MCF
2.566
Water - Bbl.
32
Gas - Oil Ratio
95
Flow Tubing Press.
-0-
Casing Pressure
5-1/2#
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.
SIGNED *Judith A. Mitchell* TITLE Production Clerk DATE Oct. 31, 1983

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" _____
D. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 918	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1556	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2038	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 _____ 2648 _____ to _____ 2733 _____	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 in Feet	Formation	From	To	Thickness in Feet	Formation
0	918	918'	Permian Redbeds-Salt, Anhy				
918	1556	638'	Red & Green Shales				
1556	2038	482'	Red Beds				
2038	2648	610'	Anhy, Salt w/shale & Dolomite				
2648	2800	152'	Dolomite w/minor sand, Anhy & Shale				

WELL NAME AND NUMBER O'BRIEN "19" #2 ✓
LOCATION Section 19, T8S, R29E
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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/4° 525'</u>		
<u>1/4° 1100'</u>		
<u>1/2° 1600'</u>		
<u>1/2° 2000'</u>		
<u>1/2° 2500'</u>		
<u>1/2° 2796'</u>		

Drilling Contractor Salaraz Bros Drilling Inc

By: [Signature]
Title: PRESIDENT

Subscribed and sworn to before me this 30 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:

Bea County