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Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B 514

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

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

2. Name of Operator
Leonard Oil Company

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7. Unit Agreement Name

8. Farm or Lease Name
State B-514

9. Well No.
18

10. Field and Pool, or Wildcat
Grayburg-Jackson

3. Address of Operator
P.O. Box 400- Roswell, New Mexico

4. Location of Well
UNIT LETTER **G** LOCATED **1650** FEET FROM THE **north** LINE AND **1650** FEET FROM THE **east** LINE OF SEC. **28** TWP. **17S** RGE. **29E** NMPM

15. Date Spudded **2-13-1965** 16. Date T.D. Reached **3-29-1965** 17. Date Compl. (Ready to Prod.) **4-27-1965**

18. Elevations (DF, RKB, RT, GR, etc.) **3562 GR 3564 DF 3562** 19. Elev. Casinghead

20. Total Depth **3359** 21. Plug Back T.D. **3118** 22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools
Cable Tools
0 - 3359

12. County
Eddy

24. Producing Interval(s), of this completion - Top, Bottom, Name
2698-3086 San Andres

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray, Densilog, Neutron, Bond Log

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	292	10"	50	None
7	20	3223	8	150* initially	None
*squeezed 3 times w/total of 500 sx.					

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number)
1 hole per foot @ 2698-2704; 2714-20; 2743-53; 2758-66; 2791-95; 2800-04; 2874-84; 2895-2903; 2954-58; 2962-72; 2977-85; & 3076-86
Total of 88 holes.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2698-3086	Squeezed w/150 sx w/.8 of 157 w/350 sx in 3 stages.
2954-3086	Acidized w/5000 gals.
2874-2903	" w/5000 gals
2895-2903	" w/5000 gals

33. PRODUCTION

Date First Production **4-28-1965** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pumping 1-1/2" insert** Well Status (Prod. or Shut-in) **Prod.**

Date of Test **4-28-65** Hours Tested **24** Choke Size **2"** Prod'n. For Test Period **60** Oil - Bbl. **TSTM** Gas - MCF **15 (acid)** Water - Bbl. **TSTM** Gas - Oil Ratio **TSTM**

Flow Tubing Press. **60** Casing Pressure **TSTM** Calculated 24-Hour Rate **None** Oil - Bbl. **60** Gas - MCF **TSTM** Water - Bbl. **None** Oil Gravity - API (Corr.) **31**

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold to Phillips Petroleum Co. Test Witnessed By **John Martin**

35. List of Attachments
Densilog, Gamma Ray Neutron, Bond Log.

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.

ORIGINAL SIGNED BY
FOWLER HIX
SIGNED **GENERAL MANAGER** TITLE **General Manager** DATE **April 28, 1965**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 duplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Anyh	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Aloka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	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	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. _____
T. Blinberry	T. Gr. Wash	T. Morrison	T. _____
T. Tubb	T. Granite	T. Todlito	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10	10	Sand & caliche				
10	35	25	Caliche				
35	70	35	Gravel				
70	155	85	Anyh				
155	190	35	Red shale				
190	240	50	Red bed & anyh				
240	250	10	Shale				
250	275	25	Shale & anyh				
275	650	375	Salt				
650	810	160	Anyh				
810	920	110	Broken anyh				
920	920	810	Anyh				
1730	1755	25	Red sand				
1755	1825	70	Anyh				
1825	1860	35	Lime				
1860	1985	125	Anyh				
1985	2015	30	Red sand				
2015	2080	45	Anyh & shale				
2080	2085	25	Lime				
2085	2115	30	Lime & anyh				
2115	2545	430	Lime				
2545	2565	20	Sandy lime				
2565	2570	5	Sand				
2570	3337	767	Lime				
3337	3359	22	Lime				