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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.

1a. TYPE OF WELL  
OIL WELL  GAS WELL  DRY  OTHER \_\_\_\_\_  
b. TYPE OF COMPLETION  
NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESRV.  OTHER \_\_\_\_\_

7. Unit Agreement Name  
8. Farm or Lease Name  
**Carmichael**  
9. Well No.  
**1**  
10. Field and Pool, or Wildcat  
**Wildcat**

2. Name of Operator  
**Patoil Corporation**  
3. Address of Operator  
**610 Midland Natl Bank Bldg., Midland, Texas 79701**  
4. Location of Well

UNIT LETTER **D** LOCATED **860** FEET FROM THE **N** LINE AND **660** FEET FROM  
THE **W** LINE OF SEC. **31** TWP. **5-S** RGE. **31-E**  
12. County  
**Roosevelt**

15. Date Spudded **12-29-71** 16. Date T.D. Reached **1-7-72** 17. Date Compl. (Ready to Prod.) **1-8-72** 18. Elevations (DF, RKB, RT, GR, etc.) **4654 Gr., 4663 DF** 19. Elev. Casinghead

20. Total Depth **4400** 21. Plug Back T.D. \_\_\_\_\_ 22. If Multiple Complet., How Many \_\_\_\_\_ 23. Intervals Drilled By **Rotary Tools** Cable Tools \_\_\_\_\_  
**0-4400**

24. Producing Interval(s), of this completion -- Top, Bottom, Name \_\_\_\_\_ 25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**Gamma-Acoustic, Guard** 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
<b>8-5/8</b>	<b>20#, J-55</b>	<b>539</b>	<b>12-3/4</b>	<b>450 sx cl H, 2% CaCl</b>	<b>none</b>

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
<b>none</b>					<b>none</b>		

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
<b>none</b>		

31. Perforation Record (Interval, size and number)

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33. PRODUCTION

Date First Production **none** Production Method (Flowing, gas lift, pumping -- size and type pump) \_\_\_\_\_ Well Status (Prod. or Shut-in) \_\_\_\_\_

Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio

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

34. Disposition of Gas (Sold, used for fuel, vented, etc.) \_\_\_\_\_ Test Witnessed By \_\_\_\_\_

35. List of Attachments \_\_\_\_\_

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 W. R. Donnell TITLE **Geologist** DATE **1-27-72**  
**W. R. Donnell**

**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 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 <u>1910</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt <u>1920</u>	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt <u>2100</u>	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2100</u>	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 <u>3203</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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Surface sd & caliche				
40	510	470	Sand, ls, & sh.				
510	1910	1400	Red beds				
1910	2100	190	Anhydrite & salt				
2100	3203	1103	Sand, shale & anhy.				
3203	4400	1197	Dolomite w/sh & anhydrite stringers				

  
 FEDERAL BUREAU OF INVESTIGATION  
 OIL CONSERVATION COMMISSION  
 HOODS, R. M.