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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 ☐						7. Unit Agreement Name					
b. TYPE OF COMPLETION NEW WELL ☐ WORK OVER ☐ DEEPEN ☒ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐						8. Farm or Lease Name Harrod-State					
2. Name of Operator Ralph E. Williamson & J. C. Williamson						9. Well No. No. 1					
3. Address of Operator P.O. Box 16 - Midland, Texas 79701						10. Field and Pool or Wildcat Harrod Penn Reef					
4. Location of Well UNIT LETTER U LOCATED 660 FEET FROM THE south LINE AND 600 FEET FROM THE west LINE OF SEC. 4 TWP. 16S RGE. 35E NMPM						12. County Lea					
15. Date Spudded 10/28/72		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.) 1/18/73		18. Elevations (DF, RKB, RT, GR, etc.) 4043 DF		19. Elev. Casinghead 4025			
20. Total Depth 11,990'		21. Plug Back T.D. 11,600'		22. If Multiple Compl., How Many ----		23. Intervals Drilled By Rotary Tools		Cable Tools			
24. Producing Interval(s), of this completion - Top, Bottom, Name 10,794'-10,870' Harrod Penn Reef								25. Was Directional Survey Made No			
26. Type Electric and Other Logs Run GR Neutron, GR Sonic and Guard 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	
13-3/8"		unknown		375		15"		200 sx		none	
9-5/8"		unknown		4570		12-1/4"		2500 sx		9200'	
4-1/2"		- 11,604' to 10,000'		11,990		7-7/8"		600 sx		none	
		- 13,604' to 11,990'									
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE	
										10,600'	
										10,516'	
31. Perforation Record (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
10,794'-10,800'										10,866'-10,870'	
10,821'-10,829'											
10,834'-10,844'											
10,848'-10,852'											
33. PRODUCTION											
Date First Production 1/18/73		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing						Well Status (Prod. or Shut-in) shut-in			
Date of Test 1/18/73		Hours Tested 24		Choke Size 9/64		Prod'n. For Test Period 530		Oil - Bbl. 530		Gas - MCF 954	
Flow Tubing Press. 1550		Casing Pressure 500		Calculated 24-Hour Rate 530		Oil - Bbl. 530		Gas - MCF 954		Water - Bbl. None	
										Oil Gravity - API (Corr.) 42	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented										Test Witnessed By Ralph E. Williamson	
35. List of Attachments List of Totco deviations from vertical & compensated acoustic velocity 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.											
SIGNED Ralph E. Williamson				TITLE Partner				DATE 1/24/73			

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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11,325</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka <u>11,550</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss <u>Chester 11,932</u>	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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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 <u>10,242'</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>Reef 10,700'</u>	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
8000	9100	1100	limestone				
9100	9770	670	limestone and lime				
9770	9810	40	lime and shale				
9800	10,050	150	lime and chert				
10,050	10,160	110	lime and shale				
10,160	10,210	50	lime				
10,210	10,500	290	lime and dolomite				
10,500	10,640	140	lime and shale				
10,640	10,660	20	lime				
10,660	10,800	140	shale and streaks of lime				
10,800	10,890	90	reef limestone				
10,890	11,330	440	shale and streaks of lime				
11,330	11,460	130	lime				
11,460	11,550	90	shale and streaks of lime				
11,550	11,510	40	lime				
11,510	11,520	10	sand and shale				
11,520	11,960	440	lime and chert				