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Form C-103  
Revised 1-1-65

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

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-9021	

1a. TYPE OF WELL						7. Unit Agreement Name	
b. TYPE OF COMPLETION OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____ NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						8. Farm or Lease Name	
2. Name of Operator						9. Well No.	
Wm. Barnhill						1	
3. Address of Operator						10. Field and Pool, or Wildcat	
Box 1354 - Roswell, New Mexico						Undesignated	
4. Location of Well							
UNIT LETTER <u>D</u> LOCATED <u>990</u> FEET FROM THE <u>north</u> LINE AND <u>990</u> FEET FROM _____						12. County	
THE <u>west</u> LINE OF SEC. <u>12</u> TWP. <u>11-S</u> RGE. <u>37-E</u> NMPM _____						Lea	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)	
5/13/65		8/14/65		P&A 8/15/65		3942' KB	
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By	
11,910'						Rotary Tools Cable Tools → 0 - TD	
24. Producing Interval(s), of this completion - Top, Bottom, Name						25. Was Directional Survey Made	
None						No	
26. Type Electric and Other Logs Run						27. Was Well Cored	
Nelex Radioactivity						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
11-3/4"	42	384'	17"	300 sx - circ		None	
8-5/8"	32 & 24	4296	11"	300 sx - top by Temp Survey 3000'		1288'	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					None		
31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
None				DEPTH INTERVAL None AMOUNT AND KIND MATERIAL USED			
33. PRODUCTION							
Date First Production		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. For 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							
Deviation & Drillstem Test Records, 1 copy of Log, C-103 "Intention to P&A"							
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 <u>Wm. Barnhill</u>				TITLE <u>Operator</u>		DATE <u>8/18/65</u>	

# 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>2243</u>	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>2980</u>	T. Miss <u>11,263</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian <u>11,369</u>	T. Menefee _____	T. Madison _____
T. Queen <u>3710</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4255</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>5740</u>	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 <u>7740</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>9705</u>	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	384	384	Surface Sands & Red Beds				
384	2243	1859	Red Beds & Sand				
2243	2560	317	Anhydrite				
2560	2980	420	Salt, Red Beds & Anhy				
2980	4255	1275	Sand, Shale & Anhy				
4255	5740	1485	Dolomite				
5740	7740	2000	Sand & Dolomite				
7740	8855	1115	Shale & Dolomite				
8855	11869	3014	Lime, Shale, Chert				
11869	11910	41	Dolomite & Lime				
	11910	= TD					

DEVIATION RECORD

Aug 19 11 38 AM '65

Wm. Barnhill No. 1 Union-State  
Section 12-113-37E  
Lea County, New Mexico

<u>Depth</u>	<u>° Deviation</u>
450	1/4
1000	1/2
1233	1/4
1500	1/4
1750	1/2
2500	3/4
2930	3/4
3420	3/4
3800	3/4
4440	1-
4800	2-
5080	1/2
5395	1-3/4
6130	1-3/4
6445	2-1/4
6690	1-1/2
6895	2-
7260	1-1/2
7410	1-1/2
7650	3/4
8235	2-1/4
8535	2-1/4
8780	2-1/2
9040	3-
9400	2-3/4
9790	2-
10125	1-1/2
10360	2-
10925	1-1/2
11100	1-1/2
11200	1-3/4
11430	2-1/2
11615	3-

C  
O  
P  
Y

Aug 18 11 33 AM '65

DRILLSTEM TEST RECORD

Wm. Barnhill No. 1 Union-State  
Section 12-113-37E  
Lea County, New Mexico

DST #1:	11,721' to 11,756'	Tool plugged, no results
DST #2:	11,725' to 11,808'	Had leaking test tool, no results
DST #3:	11,723' to 11,808'	Tool open 60 minutes with weak blow, died in 3 minutes. Rec 50' mud, 1-hour ISIP 1568, FP 974 to 974, 1-hour PSIP 1271. HP (in) 6158, (out) 6132