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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 <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		North American Royalties, Inc.		9. Well No.	
3. Address of Operator		200 Wilco Building, Midland, Texas 79701		10. Field and Pool, or Wildcat	
4. Location of Well		UNIT LETTER <u>C</u> LOCATED <u>2200</u> FEET FROM THE <u>West</u> LINE AND <u>900</u> FEET FROM		Undesignated	
THE <u>North</u> LINE OF SEC. <u>8</u> TWP. <u>14-S</u> RGE. <u>37-E</u> NMPM				12. County	
15. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)	
3/24/78		5/2/78		5/15/78	
18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead			
3877' GR 3894' KB		3876'			
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many	
11,900'		11,810'		-	
23. Intervals Drilled By		Rotary Tools		Cable Tools	
0' - 11,900'		0		0	
24. Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made	
11,562' to 11,569' Penn (Canyon)				No	
26. Type Electric and Other Logs Run				27. Was Well Cored	
Dual Induction; Simultaneous Compensated Neutron Formation Density				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"	68 & 54.5#	420.36'	17-1/2"	450 sx Class C, 2% CaCl <sub>2</sub>	None
9-5/8"	36 & 40#	4,738.94'	12-1/4"	2050 sx Howco Lite	None
5-1/2"	17 & 20#	11,894.37'	7-7/8"	1750 sx Class H	None
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
31. Perforation Record (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
11,562' to 11,569' with 2 shots per ft. (16 holes). 40" Western Select-Fire.			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			11,562' - 11,569 2000 gal. 15%		
33. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
5/15/78		Flowing		Producing	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF
5/22/78	24	24/64"		235	141
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
250	Packer		235	141	0
34. Disposition of Gas (Sold, used for fuel, vented, etc.)				Test Witnessed By	
Vented				Lloyd Whittington	
35. List of Attachments					
Electric Logs; DST Reports					
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>JW Pettus</u>		TITLE <u>Office Manager</u>		DATE <u>5/24/78</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 _____	2205'	T. Canyon _____	11,498	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 _____	3202'	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 _____	4758'	T. Simpson _____		T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	6253'	T. McKee _____		Base Greenhorn _____	T. Granite _____
T. Paddock _____		T. Ellenburger _____		T. Dakota _____	T. _____
T. Blinebry _____		T. Gr. Wash _____		T. Morrison _____	T. _____
T. Tubb _____	7587'	T. Granite _____		T. Todilto _____	T. _____
T. Drinkard _____		T. Delaware Sand _____		T. Entrada _____	T. _____
T. Abo _____	8322'	T. Bone Springs _____		T. Wingate _____	T. _____
T. Wolfcamp _____		T. _____		T. Chinle _____	T. _____
T. Penn. _____	11,046'	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	420	420	Surface Rock and Sand				
420	1,885	1,465	Redbeds, Salt and Anhydrite				
1,885	3,285	1,400	Anhydrite and Salt				
3,285	3,626	298	Anhydrite				
3,626	4,750	1,124	Anhydrite and Lime				
4,750	4,880	130	Lime and Shale				
4,880	6,450	1,570	Lime				
6,450	10,955	4,505	Lime and Shale				
10,955	11,074	119	Lime, Shale and Chert				
11,074	11,350	276	Shale and Chert				
11,350	11,900	550	Lime and Shale				