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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. RESVR. ☐ OTHER \_\_\_\_\_

7. Unit Agreement Name

8. Farm or Lease Name  
Patterson "B" Com

2. Name of Operator  
Southland Royalty Company

9. Well No.  
#1E

3. Address of Operator  
P. O. Drawer 570, Farmington, NM 87401

10. Field and Pool, or Wildcat  
Basin Dakota

4. Location of Well

UNIT LETTER M LOCATED 805 FEET FROM THE South LINE AND 895 FEET FROM

12. County  
San Juan

THE West LINE OF SEC. 2 TWP. 31N RGE. 12W NMPM

15. Date Spudded 7-17-80	16. Date T.D. Reached 7-28-80	17. Date Compl. (Ready to Prod.) 11-10-80	18. Elevations (DF, RKB, RT, GR, etc.) 6219' GR	19. Elev. Casinghead
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20. Total Depth 7450'	21. Plug Back T.D. 7450'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0'-7450'	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name  
Dakota: 7207'-7447'

25. Was Directional Survey Made  
Deviation

26. Type Electric and Other Logs Run  
IES and GR-Density

27. Was Well Cored  
No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	32.30#	222'	12 1/4"	125 sacks	
7"	23#	5064'	8 3/4"	110 sacks	

LINER RECORD				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	4925'	7450'	310		2 5/8"	7415'	

31. Perforation Record (Interval, size and number)  
Dakota: 7207', 7212', 7300', 7307', 7324', 7332', 7343', 7350', 7377', 7384', 7436', 7447'. (12 holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7207'-7447'	176,020 gals 30# gelled 1% KCL water & 54,900# 20/40 sand

33. PRODUCTION

Date First Production \_\_\_\_\_ Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Shut-in

Date of Test 11-10-80	Hours Tested 72 hours	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press. 16 Oz.	Casing Pressure 350	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF 615	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By  
Leroy Castleman

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 [Signature] TITLE District Production Manager DATE 11-13-80

## 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 _____ 1614'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 2369'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 2839'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 4429'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 5119'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 6499'	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 7409'	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 _____	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