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Form C-105  
Revised 11-74

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.  
**L-3881**

1. 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. Form or Lease Name  
**State "AR"**

2. Name of Operator  
**Southland Royalty Company**  
 3. Address of Operator  
**1100 Wall Towers West Building, Midland, TX 79701**

9. Well No.  
**1**  
 10. Field and Pool, or Wildcat  
**Antelope Ridge (Morrow)**

4. Location of Well  
 UNIT LETTER **C** LOCATED **990** FEET FROM THE **North** LINE AND **1980** FEET FROM  
 THE **West** LINE OF SEC. **35** TWP. **23-S** RGE. **34-E** NMPM

11. County  
**Lea**

15. Date Spudded **3-4-77** 16. Date T.D. Reached **6-8-77** 17. Date Compl. (Ready to Prod.) **9-30-77** 18. Elevations (DF, RKB, RT, GR, etc.) **3446.1' GL** 19. Elev. Casinghead **3448'**

20. Total Depth **13,650'** 21. Plug Back T.D. **13,240'** 22. If Multiple Compl., How Many **N.A.** 23. Intervals Rotary Tools Drilled by **0-13,650'** Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**12,806-13,094' Morrow** 25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**BHC Sonic, DLL, Caliper, CNL-FDC** 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
16"	75	800'	20"	750 SX	None
10 3/4"	45.5 & 51#	5,133'	14 3/4"	4250 SX	None
7 5/8"	33.7	12,200'	9 1/2"	550 SX	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
5"	11,859'	13,648'	290		2 3/8"	12,615'	12,553'

31. Perforation Record (Interval, size and number)  
**13,558-13,568'.**  
**13,465-13,470; 13,368-13,380'.**  
**13,088-13,094, 12,999-13,002, & 12,806-12,815'**

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13,368-13,470'	5000 gal ac 7 1/2%, 169,000 SCF N <sub>2</sub>
13,368-13,470'	5000 gal ac 7 1/2%, 166,000 SCF N <sub>2</sub>
13,240'	Set plug in pkr @ 13,240'
12,806-13,094'	6000 gal ac 7 1/2%, 182,000 SCF N <sub>2</sub>

33. PRODUCTION

Date First Production **6-21-77** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **Flowing** Well Status (*Prod. or Shut-in*) **Shut in**

Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10-2-77	24	12/64"		14	370	14	26,428

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
700#	0		14	370	14	52.6

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
**Vented for test. Shut in - waiting on pipeline conn.** Test Witnessed by **Boyd Reece**

35. List of Attachments  
**BHC Sonic, DLL, Caliper, CNL-FDC. Also Deviation Survey.**

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 *C. Harvey Carr* TITLE District Engineer DATE 1-23-78

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 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 from the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by tape. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Zones 20 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 1135.

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 _____ 11,660	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____ 12,008	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	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 _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinobry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____ 5,168	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____ 8,732	T. Wingate _____	T. _____
T. Wolfcamp _____ 10,695	T. Morrow _____ 12,495	T. Chino _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 12,970 to 13,172	No. 4, from _____ to _____
No. 2, from 13,310 to 13,343	No. 5, from _____ to _____
No. 3, from 13,535 to 13,568	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.
No. 2, from _____ to _____ feet.
No. 3, from _____ to _____ feet.
No. 4, from _____ to _____ feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	800	800	Red Bed	12,460	12,580		Shale
800	3000	2200	Anhydrite	12,580	12,600		Lime & shale
3000	3500	500	Anhydrite & shale	12,600	13,300		Shale
3500	4090		Anhydrite & lime	13,300	13,370		Lime & shale
4090	5100		Lime	13,370	13,643		Lime & shale
5100	8160		Lime & sand				
8160	9140		Lime				
9140	9620		Lime & chert				
9620	10,060		Lime & shale				
10,060	10,730		Lime & chert				
10,730	11,420		Lime & shale				
11,420	11,700		Lime				
11,700	12,330		Lime & shale				
12,330	12,400		Shale				
12,400	12,460		Lime & shale				

FEB 21 1978  
OIL CONSERVATION COMMISSION  
HOBBS, N. M.