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Form C-105
Revised 1-1-65

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

INDUSTRIAL OFFICE O. C.
MAY 31 7 41 AM '66

7. Indicate Type of Lease
State Fee

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 _____

2. Name of Operator
Southland Royalty Company

7. Unit Agreement Name
8. Farm or Lease Name
Farrar "B"

3. Address of Operator
1405 Wilco Bldg., Midland, Texas

9. Well No.
1

4. Location of Well
UNIT, LETTER **O** LOCATED **766** FEET FROM THE **South** LINE AND **2086** FEET FROM

10. Field and Pool, or Wildcat
Undesig. (Inbe-Penn, Ex

THE **East** LINE OF SEC. **13** TWP. **11-S** RGE. **33-E** NMPM
12. County
Lea

15. Date Spudded **4-12-66** 16. Date T.D. Reached **5-13-66** 17. Date Compl. (Ready to Prod.) **5-19-66** 18. Elevations (DF, RKB, RT, GR, etc.) **4210.0 G.L.** 19. Elev. Casinghead **4210**

20. Total Depth **10,080** 21. Plug Back T.D. **10,030** 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By
Rotary Tools **0-10,080** Cable Tools _____

24. Producing Interval(s), of this completion - Top, Bottom, Name
9758-9774 Bough "C"

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Gamma Ray - Acoustic Velocity

27. Was Well Cored
Yes

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	48	363	17 1/2	350 sx.	None
8 5/8	24 & 32	3947	11	750 sx.	None
5 1/2	17	10,080	7 7/8	525	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8	9776	9712

31. Perforation Record (Interval, size and number)
9758-9774' w/32 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9758-9774	500 gal. mud acid

33. PRODUCTION

Date First Production **5-19-66** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Prod.**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
5-21-66	22	28/64	→	230	187.4	450	814

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
275	0-Pkr.	→	251	202.3	491	46.6

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

Test Witnessed By
D. D. Gregg

35. List of Attachments
Gamma-Acoustic Log, Form C-104, Inclination Report.

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 *Alton C. Goodrich* TITLE **Dist. Superintendent** DATE **May 27, 1966**

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

Northwestern New Mexico

Southeastern New Mexico

Formation	Top	Thickness in Feet	Formation	From	To	Thickness in Feet
T. Anhy	1930		T. Canyon	Ojo Alamo	T. Penn. "B"	
T. Salt	1978		T. Strawn	Kirtland-Fruitland	T. Penn. "C"	
B. Salt	2435		T. Atoka	Pictured Cliffs	T. Penn. "D"	
T. Yates	2657		T. Miss	Ciff House	T. Leadville	
T. 7 Rivers	2788		T. Devonian	Menefee	T. Madison	
T. Queen	3495		T. Silurian	Point Lookout	T. Elbert	
T. Grayburg	3700		T. Montoya	Mancos	T. McCracken	
T. San Andres	3890		T. Simpson	Gallup	T. Ignacio Qzte	
T. Glorieta	5375		T. McKee	Base Greenhorn	T. Granite	
T. Paddock			T. Ellenburger	Dakota		
T. Blinberry			T. Gr. Wash	Morrison		
T. Tubb	6820		T. Granite	Todillo		
T. Drinkard			T. Delaware Sand	Entrada		
T. Abo	7550		T. Bone Springs	Wingate		
T. Wolfcamp				Chinle		
T. Penn.				Permian		
T. Cisco (Bough C)	9756			Penn. "A"		

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet
0	1930		Red shale & sand			
1930	1978	48	Anhydrite			
1978	2435	457	Salt and anhydrite			
2435	2657	222	Anhydrite			
2657	2788	131	Sand			
2788	3495	707	Anhydrite w/sh. strks.			
3495	3700	205	Sand & siltstone			
3700	3890	190	Anhydrite & sdy. anhy.			
3890	5375	1485	Dolomite & anhydrite			
5375	6820	1445	Siltstone, dolo, & anhy.			
6820	7550	730	Siltstone, dolo. & shale			
7550	8810	1260	Red shale			
8810	9756	946	GRY. shale w/l.s. strks.			
9756	9854	98	LS.			
9854	9970	116	LS. & shale			
9970	10080	110	LS.			