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Form C-105
Revised 11-1-84

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 ☐ Reentry

7. Unit Agreement Name

8. Farm or Lease Name

Smith "5"

9. Well No.

2

10. Field and Pool, or Wildcat

Scharb (Bone Springs)

2. Name of Operator

Southland Royalty Company

3. Address of Operator

21 Desta Drive, Midland, Texas 79705

4. Location of Well

UNIT LETTER 0 LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM

THE East LINE OF SEC. 5 TWP. 19S RGE. 35E NMPM

11. County

Lea

15. Date Spudded

4-1-84

16. Date T.D. Reached

4-2-84

17. Date Compl. (Ready to Prod.)

5-9-84

18. Elevations (DF, RKB, RT, GR, etc.)

3858' GR

19. Elev. Casinghead

-

20. Total Depth

10,056'

21. Plug Back T.D.

9980'

22. If Multiple Compl., How Many

Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

9572-9668' Bone Springs

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

None

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
13 3/8"	48#	428'	17 1/2"	475 sx.	Circ.
8 5/8"	32#	3983'	11"	500 sx.	3050' by TS
5 1/2"	15.5 & 17#	10,056'	7 7/8"	700 sx.	TOC @ 7120'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	9689'	SN @ 9690'

31. Perforation Record (Interval, size and number)

9572-9668'

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9610-68'	Acidz w/3000 gals.

33. PRODUCTION

Date First Production	5-10-84	Production Method (Flowing, gas lift, pumping - Size and type pump)	Pump 2" x 1 1/4" x 16' x 19' x 22'	Well Status (Prod. or Shut-in)	Prod
Date of Test	5-17-84	Hours Tested	24	Choke Size	-
Flow Tubing Press.	-	Casing Pressure	-	Prod'n. For Test Period	55
		Calculated 24-Hour Rate	55	Oil - Bbl.	55
				Gas - MCF	100
				Water - Bbl.	12
				Oil Gravity - API (Corr.)	1818
					37

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

Sold

Test Witnessed By

Ronnie Pryor

35. List of Attachments

C-103, Temperature 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 John Stark TITLE Operations Engineer DATE 5/23/84

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 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.

Southeastern New Mexico

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Qtzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

No. 1, from to No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

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.

..... (omit if not listed, add sheets if necessary)

FORMATION RECORD (After additional sheets if necessary)							
From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	120	120	Surface sand & caliche				
120	1822	1702	Redbeds				
1822	1897	75	Anhydrite				
1897	2563	666	Salt & Anhydrite				
2563	2640	74	Anhydrite				
2640	2838	198	Sand & Anhydrite				
2838	4617	779	Dolomite & Anhydrite				
4617	5558	941	Dolomite, sand & Anhydrite				
5558	5915	357	Dolomite & Anhydrite				
5915	6942	1027	Sand & Dolomite				
6942	7623	681	Dolomite & sand				
7623	10174	2551	Lime, shale & sand				

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