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OPERATOR	

Form C-105
Revised 11-1-84

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

1. Indicate Type of Lease	State ☐	Fed ☒
2. 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 ☐

3. Unit Agreement Name	
4. Name of Lease Name	Smith "5"
5. Well No.	4

2. Name of Operator	Southland Royalty Company
3. Address of Operator	21 Desta Drive, Midland, Texas 79705

6. Field and Pool, or Oilcat	Scharb (Bone Spring)
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4. Location of Well	UNIT LETTER <u>I</u> LOCATED <u>2149</u> FEET FROM THE <u>South</u> LINE AND <u>700</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>5</u> TWP. <u>19S</u> RGE. <u>35E</u> NMPM
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7. County	Lea
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15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (D.F., RKB, RI, GR, etc.)	19. Elev. Casinghead
8-14-84	9-3-84	11-5-84	3866.3' GR	-

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
9900'	9854'			XX	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
9530-9610' (Bone Spring)	Yes

26. Type Electric and Other Logs Run	27. Was Well Cored
GR/CNL/LDT-GR/DLL/MSFL/Ca1	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#	400'	17 1/2"	400 sx. C1 "C"	Circ.
8 5/8"	24 & 28#	4000'	12 1/4"	1900 sx Lite & 300 sx C1 "C"	Circ.
5 1/2"	17 & 15.5#	9900'	7 7/8"	275 sx 50-50 Poz H & 200 sx C1 "H"	TOC @ 7380'

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8"	9508'
						PACKER SET
						SN @ 9566'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9530-9610' (162 holes)		9530-9610'	Acidz w/7014 gals.
		9539-9610'	Frac w/73,110 gals, 38,300# 20/40 sd & 32,500# Pro flw proppant

33. PRODUCTION							
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)		
11-6-84	Pump 2" x 1 1/4" x 22'				Producing		
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
2-1-85	24	-		4	12	6	3000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-		4	12	6	34.3	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold	Ronnie Pryor

35. List of Attachments
C-104, Logs, Inclination Survey, 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 <u>John Stark</u>	TITLE <u>Operations Engineer</u>	DATE <u>2/5/85</u>
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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 radioactivity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured in this. In the case of non-vertically drilled wells, true vertical depths shall also be reported. For multiple completions, items 33 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy 1850' T. Canyon _____
 T. Salt 2150' T. Strawn _____
 B. Salt 3350' T. Atoka _____
 T. Yates _____ T. Miss _____
 T. 7 Rivers _____ T. Devonian _____
 T. Queen _____ T. Silurian _____
 T. Grayburg _____ T. Montoya _____
 T. San Andres 5190' T. Simpson _____
 T. Glorieta _____ T. McKee _____
 T. Paddock _____ T. Ellenburger _____
 T. Blinberry _____ T. Gr. Wash _____
 T. Tubb _____ T. Granite _____
 T. Drinkard _____ T. Delaware Sand _____
 T. Abo _____ T. Bone Springs 7620'
 T. Wolfcamp _____ T. 1st BS 9300'
 T. Penn. _____ T. BS "YH" 9530'
 T. Cisco (Bough C) _____ T. 2nd BS 9850'

Northwestern New Mexico

T. Ojo Alamo _____ T. Penn. "B" _____
 T. Kinland-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 Qtzite _____
 Base Greenhorn _____ T. Granite _____
 T. Dakota _____ T. _____
 T. Morrison _____ T. _____
 T. Todilte _____ T. _____
 T. Entrada _____ T. _____
 T. Wingate _____ T. _____
 T. Chinle _____ T. _____
 T. Permian _____ T. _____
 T. Penn. "A" _____ T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ 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	1782	1782	Anhydrite & redbeds				
1782	3691	1909	Anhydrite & Salt				
3691	4580	889	Anhydrite & Dolomite				
4580	4740	160	Sandy Dolomite & Anhydrite				
4740	6390	1654	Dolomite & Sand Stringers				
6390	7055	665	Lime, Sand & Shale Stringers				
7055	7200	165	Solomite				
7200	7700	500	Dolomite, Sand & Shale				
7700	9428	1728	Lime & Shale				
9428	9577	149	Sand, Shale & Lime				
9577	9660	83	Dolomite				
9660	9900	240	Shale, Sand, Dolomite & Chert				

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