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LAND OFFICE	
OPERATOR	

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

Form C-105
Revised 11-1-84

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. LG-4558
7. Unit Agreement Name
8. Form or Lease Name Madera Ridge "27" St Co
9. Well No. 1
10. Field and Pool or Wildcat INDICATED Johnson Ranch (Atoka)
11. County Lea

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	
3. Address of Operator 21 Desta Drive, Midland, Texas 79705	
4. Location of Well UNIT LETTER B LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM East LINE OF SEC. 27 TWP. 24S RGE. 33E NMPN	
15. Date Spudded 2-28-85	16. Date T.D. Reached 5-7-85
17. Date Compl. (Ready to Prod.) 5-29-85	18. Elevations (D.F., RKB, RT, GR, etc.) 3522.4' GR
20. Total Depth 15,694'	21. Plug Back T.D. 15,000
22. If Multiple Compl., How Many	23. Intervals Drilled By XX
24. Producing Interval(s), of this completion - Top, Bottom, Name 14,878-96' Atoka	
25. Was Directional Survey Made Yes	
26. Type Electric and Other Logs Run GR-DLL-MSFL & GR-CNL-CDL w/BHV & Ca1	
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
13 3/8"	54.5 & 61#	800'	17 1/2"	850 sx C1 "C"	Circ.
9 5/8"	36#	5055'	12 1/4"	1700 Lite & 450 sx C1 "C"	Circ.
7"	26#	13,130'	8 3/4"	1125 Lite & 500 sx C1 "H"	TOC @ 6230'

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
4 1/2"	12,710'	15,694'	400 sx CL	"H"	2 7/8"	12,647'
						PACKER SET 12,647'

31. Perforation Record (Interval, size and number) 14,878-96' (19 holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL None AMOUNT AND KIND MATERIAL USED
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33. PRODUCTION							
Date First Production 5-28-85	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) SI	
Date of Test 6-3-85	Hours Tested 7	Choke Size 11/64"	Prod'n. Per Test Period 17	Oil - BBL 4431	Gas - MCF 845	Water - BBL 0	Gas - Oil Ratio 163.025
Flow Tubing Press. 5255	Casing Pressure -	Calculated 24-Hour Rate 17	Oil - BBL 4431	Gas - MCF 845	Water - BBL 0	Oil Gravity - API (Corr.) 48.3	
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Waiting on Pipeline connection						Test Witnessed By Ed Jackson	
35. List of Attachments C-104, Temperature Survey, Inclination Survey, Logs, C-122, Plat							

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>Danell Roberts</u>	TITLE <u>Operations Engineer</u>	DATE <u>6-20-85</u>

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 depths. In the case of irregularly drilled wells, true vertical depths shall also be reported. For multiple completions, Items 39 through 44 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 115b.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. 1230'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt 1800'	T. Strawn 13,870'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 4950'	T. Atoka Bank 14,312'	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	Pase Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todillo	T.
T. Drinkard	T. Delaware Sand 5200'	T. Entrada	T.
T. Abo	T. Bone Springs 9000'	T. Wingate	T.
T. Wolfcamp 12,330'	T. Wlfc Shale 12,850'	T. Chinle	T.
T. Penn.	T. Morrow 14,980'	T. Permian	T.
T. Cisco (Bough C)	T. Morrow A-1 15,480'	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	1250	1250	Redbed Sands				
1250	1400	150	Rustler Anhydrite				
1400	1820	420	Anhydrite, shale & thin salt beds				
1820	3760	1940	Salt section				
3760	4380	620	Anhydrite				
4380	4670	290	Salt				
4670	4770	100	Anhydrite				
4770	5040	270	Salt				
5040	5300	260	Anhydrite				
5300	9100	2800	Delaware Sands, Limestone & shale				
9100	14,700	5600	Limestone & shales				
14,700	15,600	900	Sands and shales				

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