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

Form C-105
Revised 1-1-65

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 ☐

7. Unit Agreement Name
 8. Farm or Lease Name
Hawk Federal

2. Name of Operator
Southland Royalty Company
 3. Address of Operator
P.O. Drawer 570, Farmington, New Mexico 87499

9. Well No.
1
 10. Field and Pool, or Wildcat
Gavilan Pictured Cliffs

4. Location of Well
 UNIT LETTER **A** LOCATED **790** FEET FROM THE **North** LINE AND **1090** FEET FROM THE **East** LINE OF SEC. **35** TWP. **25N** RGE. **2W** NMMP

12. County
Rio Arriba

15. Date Spudded 5-21-83	16. Date T.D. Reached 5-25-83	17. Date Compl. (Ready to Prod.) 7-15-83	18. Elevations (DF, RKB, RT, GR, etc.) 7340' KB	19. Elev. Casinghead 7321 GL
20. Total Depth 3520'	21. Plug Back T.D. 3496'	22. If Multiple Compl., How Many	23. Intervals Drilled By 0-3520'	Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
3397'-3456' (Pictured Cliffs)
 25. Was Directional Survey Made
Deviation

26. Type Electric and Other Logs Run
CDL and GR-Induction Log
 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
8-5/8"	24#	236'	12-1/4"	*SEE OTHER SIDE**	
2-7/8"	6.4#	3504'	6-1/4"	" " "	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
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28. Perforation Record (Interval, size and number)
Pictured Cliffs: (Total of 7 holes)
3397', 3402', 3407', 3434', 3442', 3450', 3456'
 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3397'-3456'	Frac'd with 60,000 gals of frac fluid and 50,000# of 20/40 sand.

29. PRODUCTION
 Date First Production **8-4-83** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flowing** Well Status (Prod. or Shut-in) **Shut-In**

Date of Test 8-4-83	Hours Tested 3	Choke Size 3/4"	Prod'n. For Test Period ---	Oil - Bbl. ---	Gas - MCF 57	Water - Bbl. ---	Gas-Oil Ratio ---
Flow Tubing Press. ---	Casing Pressure 810	Calculated 24-Hour Rate ---	Oil - Bbl. ---	Gas - MCF 460	Water - Bbl. ---	Oil Gravity - API (Corr.) ---	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
To be Sold
 Test Witnessed By
Dewayne Horton

35. List of Attachments

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 *Catherine J. Greengard* TITLE Secretary DATE 8-5-83

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

Southeastern New Mexico

Northwestern New Mexico

Nacimiento 2460'

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland 3125'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs 3390'	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 Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
			#28 <u>CEMENT REPORT</u>				
			8-5/8" Casing cemented with 177 cu.ft. of Class "B" containing 3% CaCl ₂ . Plug down at 1:15 AM 5-22-83. Cement circulated.				
			2-7/8" Casing cemented with 260 cu.ft. of Class "B" containing 50/50 Poz, 6% gel and 1/4# flocele, tailed in with 71 cu.ft. of Class "B" containing 1/4# flocele and 2% CaCl ₂ . Plug down at 4:30 PM 5-25-83.				