

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-01614																			
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME																			
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, NM 87401		8. FARM OR LEASE NAME Thompson																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1765' FSL & 860' FEL At top prod. interval reported below At total depth		9. WELL NO. #5M																			
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde Basin Dakota																			
15. DATE SPUDDED 6-14-80		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 33, T31N, R12W																			
16. DATE T.D. REACHED 6-25-80		12. COUNTY OR PARISH San Juan																			
17. DATE COMPL. (Ready to prod.) 8-25-80		13. STATE NM																			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5976' GR		19. ELEV. CASINGHEAD																			
20. TOTAL DEPTH, MD & TVD 7063'		21. PLUG, BACK T.D., MD & TVD 7019'																			
22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0'-7063'																			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* M7: 4652' - 4904'		25. WAS DIRECTIONAL SURVEY MADE Deviation																			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Induction and GR-Density		27. WAS WELL CORED No																			
28. CASING RECORD (Report all strings set in well)																					
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29. LINER RECORD																					
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31. PERFORATION RECORD (Interval, size and number) M7: 4652', 4657', 4662', 4667', 4672', 4677', 4682', 4688', 4694', 4700', 4710', 4716', 4721', 4727', 4733', 4739', 4772', 4778', 4784', 4794', 4820', 4830', 4836', 4842', 4848', 4853', 4858', 4863', 4904'. 29 holes																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
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33. PRODUCTION																					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing																			
WELL STATUS (Producing or shut-in) Shut-in																					
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236	881			7040																	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																					
35. LIST OF ATTACHMENTS																					

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.

SIGNED

TITLE

District Production Manager

DATE

9-12-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	652'					
Fruitland	1952'					
Pictured Cliffs	2299'					
Cliff House	3895'					
Pt. Lookout	4647'					
Gallup	5920'					
Greenhorn	6670'					
Graneros	6726'					
Dakota	6848'					

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-01614	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Thompson	
2. NAME OF OPERATOR Southland Royalty Company		7. UNIT AGREEMENT NAME Thompson	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, NM 87401		8. FARM OR LEASE NAME #5M	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1765' FSL & 860' FEL At top prod. interval reported below At total depth		9. WELL NO. #5M	
10. FIELD AND POOL, OR WILDCAT Basin Dakota Blanco Mesa Verde		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 33, T31N, R12W	
12. COUNTY OR PARISH San Juan		13. STATE NM	
14. DATE SPUDDED 6-14-80	16. DATE T.D. REACHED 6-25-80	17. DATE COMPL. (Ready to prod.) 8-25-80	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5976' GR
20. TOTAL DEPTH, MD & TVD 7063'	21. PLUG, BACK T.D., MD & TVD 7019'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY 0' - 7063'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* DK: 6853' - 7009'			25. WAS DIRECTIONAL SURVEY MADE Deviation
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Induction and GR-Density			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
10 3/4"	32.75#	228'	13 3/4"
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29. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKER SET (MD)
5 1/2"	4426'	7063'	5025'
30. PERFORATION RECORD (Interval, size and number) DK: 6853', 6859', 6865', 6871', 6976', 6982', 6988', 7009'. 8 holes			
31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
6853'-7009'		92,526 gals 30# gel water & 41,160# 20/40 sand.	
32. PRODUCTION			
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 9-3-80	HOURS TESTED 3 hours	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD 518
FLOW. TUBING PRESS. 33	CASING PRESSURE ---	CALCULATED 24-HOUR RATE ---	GAS—MCF. 518
33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			TEST WITNESSED BY Tom Wagner
34. LIST OF ATTACHMENTS			
35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED [Signature]		TITLE District Engineer	DATE SEP 9 1980

*(See Instructions and Spaces for Additional Data on Reverse Side)

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