

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 *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-078198	
b. 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, New Mexico				8. FARM OR LEASE NAME Nye	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1580' FNL & 1670' FEL At top prod. interval reported below At total depth				9. WELL NO. 14-E	
14. PERMIT NO. _____ DATE ISSUED _____ U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.				10. FIELD AND POOL, OR WILDCAT Basin Dakota Blanco Mesa Verde	
15. DATE SPUNDED 1-27-81				12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 3-20-81				13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 4-7-81				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6091' GR	
19. ELEV. CASINGHEAD				20. TOTAL DEPTH, MD & TVD 7239'	
21. PLUG, BACK T.D., MD & TVD 7073'				22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →				RECTARY TOOLS 0-7239	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7014'-7194' (Dakota)				25. WAS DIRECTIONAL SURVEY MADE Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction, GR-CBL/CCL, GR-Collar and Electric Csg Caliper				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
10-3/4"		32.75#		234'	
7-5/8"		26.40#		4835'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
5-1/2"		4422'		6931'	
4"		6805'		7216'	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
1-1/2"		7162'		5198'	
31. PERFORATION RECORD (Interval, size and number) Dakota - 7014', 7019', 7024', 7096', 7101', 7106', 7111', 7116', 7179', 7184', 7189', 7194', Total of 12 holes					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7014'-7194'		Frac'd with 76,400 gals 30# gel water with 1% KCl and 51,200# 20/40 sand.			
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
DATE OF TEST 4-23-81		HOURS TESTED 3		CHOKER SIZE 3/4"	
FLOW. TUBING PRESS. 80		CASING PRESSURE ---		CALCULATED 24-HOUR RATE →	
		OIL—BBL. 1057		GAS—MCF. ---	
		WATER—BBL. ---		OIL GRAVITY-API (CORR.) ---	
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 records. SIGNED <u>[Signature]</u> TITLE <u>Dist. Prod. Manager</u> DATE <u>5-12-81</u> FARMINGTON DISTRICT BY <u>[Signature]</u>					

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

NMOC

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 25.

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	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1308'		CONTINUED FROM LINE 28:			
Fruitland	2270'		5-1/2" Liner Cement Information			
Pictured Cliffs	2585'		Btm 6931' Cmtd with 75 sxs cmt.			
Cliff House	4152'		Perf'd 2 holes @ 6520', cmtd with			
Point Lookout	4889'		50 sacks of cement and re-squeezed			
Gallup	6156'		with 35 sacks cmt.			
Greenhorn	6898'		5250', squeezed with 100 sacks cmt			
Graneros	6955'		and 150 sacks of cmt.			
Dakota	7090'		4902', squeezed with 100 sacks cmt.			