

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-078144			
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 87499				8. FARM OR LEASE NAME Hampton			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 970' FSL & 1680' FWL At top prod. interval reported below At total depth				9. WELL NO. 4M			
14. PERMIT NO. BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA				10. FIELD AND POOL, OR WILDCAT Basin Dakota/Blanco MV*			
15. DATE SPUDDED 11-22-83				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 13, T30N, R11W			
16. DATE T.D. REACHED 12-10-83				12. COUNTY OR PARISH San Juan			
17. DATE COMPL. (Ready to prod.) 2-06-84				13. STATE New Mexico			
18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 6136' KB				19. ELEV. CASINGHEAD 6124' GL			
20. TOTAL DEPTH, MD & TVD 7265'		21. PLUG, BACK T.D., MD & TVD 7082'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-7265'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7010'-7100' (Dakota)						25. WAS DIRECTIONAL SURVEY MADE? Deviational	
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, IEL, GR-Induction and CBL						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
10-3/4"		32.75#, H-40		230.48		14-3/4"	
7-5/8"		26.4 #, K-55		4845'		9-5/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
5-1/2"		4770'		7130'		340 cu.ft.	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-7/8"		5967.12'		---			
31. PERFORATION RECORD (Interval, size and number)							
Dakota - 7 holes							
7010', 7016', 7027', 7092', 7098', 7104', 7100'.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7010'-7100'				Fraced with 35,238 gals 40# gel			
				1% KCl & 19,000# 20/40 sand.			
				Re-Fraced with 42,446 gals 40# gel			
				& 22,000# 20/40 sand.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 3-28-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing				WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST 3-28-84		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD ---	
FLOW, TUBING PRESS. 64		CASING PRESSURE ---		CALCULATED 24-HOUR RATE ---		OIL—BBL. ---	
						GAS—MCF. 109	
						WATER—BBL. ---	
						OIL GRAVITY-API (CORR.) ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY: Steve Kellenaers	
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>Esther Greyer</u>				TITLE <u>Secretary</u>		DATE <u>4-24-84</u>	

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

* Note: Mesaverde formation will be completed at a later date.

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 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.)

Item #28: 10-3/4" casing cemented with 236 cu.ft. (230 sxs) of Class "B" with 1/4# flocele/sx & 3% CaCl₂. PD @ 8:30 AM

11-23-83. Cement circulated to surface.

7-5/8" Casing cemented 1st Stage with 310 cu.ft. (210 sxs) of Class "B" 50/50 Poz, 6% gel, 1/4# flocele/sx, followed with 58 cu.ft. (50 sxs) of Class "B" with 2% CaCl₂. PD @ 1:00 PM 11-30-83. Gd Circ. Cmtd 2nd Stage with 437 cu.ft. (295 sxs) of Class "B" 50/50 Poz, 6% gel, 1/4# flocele/sx, followed with 59 cu.ft. (50 sxs) of Class "B" with 2% CaCl₂. PD @ 4:30 PM 11-30-83.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED						
Ojo Alamo	1313'		Ran temperature survey - TOC @ 1200'.			
Fruitland	2223'		5-1/2" Casing cemented with 340 cu.ft. (230 sxs) of Class "B" 50/50 Poz,			
Pictured Cliffs	2580'		6% gel, 1/4# flocele per sack, .6% Halad 9, .5% CFR-2 Gilsomite. PD @ 3:45 PM			
Cliff House	4170'		12-10-83. Good circ.			
Intermediate ID	4830'					
Point Lookout	4878'					
Gallup	6140'					
Graneros	6940'					
Dakota	7074'					