

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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESRV. ☐	Other ☐
2. NAME OF OPERATOR Southland Royalty Company						5. LEASE DESIGNATION AND SERIAL NO. SF-080781	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87499						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1520' FNL & 1010' FEL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME Cain	
12. COUNTY OR PARISH San Juan						9. WELL NO. 24	
13. STATE New Mexico						10. FIELD AND POOL, OR WILDCAT Otero Chacra	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 15, T28N, R10W							
15. DATE SPOOLED 5-17-83	16. DATE T.D. REACHED 5-22-83	17. DATE COMPL. (Ready to prod.) 6-30-83	18. ELEVATIONS (DF, REB, ET, GR, ETC.)* 5837' KB	19. ELEV. CASINGHEAD 5825' GL			
20. TOTAL DEPTH, MD & TVD 3165'	21. PLUG, BACK T.D., MD & TVD 3130'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-3165'	CABLE TOOLS ---		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2949'-3068' (Chacra)					25. WAS DIRECTIONAL SURVEY MADE Deviation		
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, IEL and CBL					27. WAS WELL CORED No		
29. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8-5/8"	24#	215'	12-1/4"	**SEE REVERSE SIDE**			
2-7/8"	6.4#	3137'	7-7/8"	" " "			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
---	---	---	---	---			
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
---	---	---					
31. PERFORATION RECORD (Interval, size and number) Chacra: (Total of 8 holes) 2949', 2952', 2955', 3044', 3047', 3054', 3057', 3068'.			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED			
			2949'-3068'	Frac'd with 35,676 gals of frac fluid and 65,000# of 20/40 sand.			
33. PRODUCTION							
DATE FIRST PRODUCTION 7-7-83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-In			
DATE OF TEST 7-7-83	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. 279		
FLOW. TUBING PRESS. -----	CASING PRESSURE 183	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 2235	WATER—BBL. ---		
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) To be sold				TEST WITNESSED BY Steve Kelleners			
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>Ether J. Grayson</u>		TITLE <u>Secretary</u>		DATE <u>JUL 21 1983</u>			

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

NMOCC

FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICOBY smm

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) and bottom(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 27: "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.)

#28 8-5/8" casing cemented with 212 cu.ft. of Class "B" containing 1/4# flocele and 3% CaCl₂. Plug down at 8:30 AM 5-18-83. Cement circulated to surface.

2-7/8" casing cemented with 733 cu.ft. of Class "B" containing 50/50 Poz, 6% gel and 1/4# flocele, tailed in with 59 cu.ft. of Class "B" containing 2% CaCl₂. Plug down at 4:30 AM 5-21-83.

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
ESTIMATED						
Ojo Alamo	840'					
Fruitland	1720'					
Pictured Cliffs	1960'					
Chacra	2930'					