

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions 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. SF-076958	
2. NAME OF OPERATOR Southland Royalty Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico 87499		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (F) 1450' FNL & 1830' FWL At top prod. interval reported below At total depth		8. FARM OR LEASE NAME Hare	
9. WELL NO. 24		10. FIELD AND POOL, OR WILDCAT DISTRICT Otero Chacra	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 15, T29N, R10W		12. COUNTY OR PARISH San Juan	
13. STATE New Mexico		14. PERMIT NO. DATE ISSUED BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA	
15. DATE SPUDDED 9-11-84	16. DATE T.D. REACHED 9-15-84	17. DATE COMPLETED (Ready to prod.) 11-09-84	18. ELEVATIONS (OF, RKB, RT, OR, ETC.)* 5777' KB
19. ELEV. CASINGHEAD 5765' GL	20. TOTAL DEPTH, MD & TVD 3306'	21. PLUG BACK T.D., MD & TVD 3295'	22. IF MULTIPLE COMPLET., HOW MANY*
23. INTERVALS DRILLED BY ROTARY TOOLS 0-3306'			CABLE TOOLS ---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3239'-3251'			25. WAS DIRECTIONAL SURVEY MADE Deviational
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, IEL and CBL			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#, K-55	218'	12-1/4"
2-7/8"	6.5#, J-55	3302'	6-3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
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30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
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31. PERFORATION RECORD (Interval, size and number) * XXXXXXXXXXXXXXXXXXXX Chacra - 7 holes 3239'-3251' (1 jet shot every 2')		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3239'-3251'		Fraced with 23,700 gals (70 Quality to 58 Quality) Foam and 42,100# of 10/20 sand.	
33.* PRODUCTION			
DATE FIRST PRODUCTION 11-19-84	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 11-19-84	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD ---
FLOW. TUBING PRESS.	CASING PRESSURE 16	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---
			GAS—MCF. 41
			WATER—BBL. ---
			OIL GRAVITY-API (CORR.) ---
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold			TEST WITNESSED BY Leroy Castleman
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

Catherine J. Gueffo

TITLE Secretary

DATE 11-28-84

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

NOTE: * CORRECTION

FARMINGTON RESOURCE AREA
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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 Cemented": 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: 8-5/8" casing cemented with 155 sacks (183 cu.ft.) of Class "B" with 1/4# celloflake per sack and 3% CaCl2. Plug down at 10:00 PM 9-11-84. Circ 8 bbls to surface.

2-7/8" casing cemented with 650 sacks (1068 cu.ft.) of Class "H" 65/35 Poz with 3% gel, 10% salt, 10% CalSeal, 12-1/2# gilsonite per sack, tailed with 70 sacks (83 cu.ft.) of Class "B" neat with 2% CaCl2. Plug down at 1:15 AM 9-16-84.

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	930'					
Fruitland	1760'					
Pictured Cliffs	2150'					
Chacra	2790'					