

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐		2. NAME OF OPERATOR Southland Royalty Co.	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ REPAIR ☐		3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1915'N, 1625'E At top prod. interval reported below At total depth		14. PERMIT NO. 30-045-27513 DATE ISSUED MAY 21 1990	
15. DATE SPUDDED 03-03-90	16. DATE T.D. REACHED 3-6-90	17. DATE COMPL. (Ready to prod.) 04-15-90	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6228'
20. TOTAL DEPTH, MD & TVD 2727'	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL. HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Fruitland Coal - 2412-2668'			25. WAS DIRECTIONAL SURVEY MADE no
26. TYPE ELECTRIC AND OTHER LOGS RUN DIT, LDT-NRL, CNT, MLT, NGT			27. WAS WELL CORRED no
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	24.0#	227'	12 1/4"
5 1/2"	15.5#	2727'	8 3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	2695'		
31. PERFORATION RECORD (Interval, size and number) 2412-14', 2504-12', 2544-50', 2588-92' 2628-38', 2664-68', 2711-25' w/2spf			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2412-2725'		193,000#sand; 113,740 gal. fluid	
33.* PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
shut in, waiting on pipeline; capable of commercial hydrocarbon production		WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
			1865 MCF-pitot gge
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)
SI 840	SI 841		ACCEPTED FOR RECORD
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 2690' 913			TEST WITNESSED BY MAY 16 1990
35. LIST OF ATTACHMENTS none			FARMINGTON RESOURCE AREA
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.			
SIGNED <i>[Signature]</i>		TITLE Regulatory Affairs	
		DATE 5-7-90	

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

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	984'	1008'	White, cr-gr ss..			
Kirtland	1008'	2384'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2384'	2727'TD	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	984' 1008' 2384'	