

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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		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 1870'N, 1300'E At top prod. interval reported below At total depth		14. PERMIT NO. 30-045-27295		DATE ISSUED AUG 3 1990	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESEV. ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. SF-077651		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Richardson		9. WELL NO. 101	
10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 10, T-31-N, R-12-W NMPM		12. COUNTY OR PARISH San Juan		13. STATE NM		15. DATE SPUDDED 05-17-90		16. DATE T.D. REACHED 05-19-90	
17. DATE COMPL. (Ready to prod.) 06-16-90		18. ELEVATIONS (OF. RKB, RT, GR, ETC.)* 6173'GL		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 2576'		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*	
23. INTERVALS DRILLED BY yes		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland Coal (2426-2572')		25. WAS DIRECTIONAL SURVEY MADE no		26. TYPE ELECTRIC AND OTHER LOGS RUN RT/DRL/HRL/ML/NGT		27. WAS WELL CORED no		28. CASING RECORD (Report all strings set in well)	
CASING SIZE 8 5/8" 5 1/2"		WEIGHT, LB./FT. 24.0# 15.5#		DEPTH SET (MD) 219' 2576'		HOLE SIZE 12 1/4" 7 7/8"		CEMENTING RECORD 247 cu.ft. 893 cu.ft.		AMOUNT PULLED	
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number) 2426-38', 2489-91', 2521-35', 2569-72' w/2 spf		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 2426-2572' AMOUNT AND KIND OF MATERIAL USED 137,320#sand; 84,958 gal. fluid		33. PRODUCTION DATE FIRST PRODUCTION shut in, waiting on pipeline; capable of commercial hydrocarbon production		WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		CHOKES SIZE		PROD'N. FOR TEST PERIOD		OIL—BSL.		GAS—MCF.	
SI 217		SI 860		CALCULATED 24-HOUR RATE		OIL—BSL.		GAS—MCF.		WATER—BSL.	
FLOW. TUBING PRESS.		CASING PRESSURE		OIL GRAVITY-API (CORR.)		GAS GRAVITY-API (CORR.)		WATER GRAVITY-API (CORR.)		OIL GRAVITY-API (CORR.)	
SI 217		SI 860		OIL GRAVITY-API (CORR.)		GAS GRAVITY-API (CORR.)		WATER GRAVITY-API (CORR.)		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold		BHP @ 2530' 945		35. LIST OF ATTACHMENTS none		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		ACCEPTED FOR RECORD TEST WITNESSED BY		DATE 7-25-90	

*(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	900	922'	White, cr-gr ss.	Ojo Alamo Kirtland Fruitland Pic.Cliffs	900' 922' 1425' 2576'	
Kirtland	922'	1425'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	1425'	2575'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.			
Pictured Cliffs	2575'	2576'	Bn-Gry, fine grn, tight ss.			