

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 _____				5. LEASE DESIGNATION AND SERIAL NO. SF-077648	
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 PO Box 4289, Farmington, NM 87499				8. FARM OR LEASE NAME Davis	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1865'S, 1215'W At top prod. interval reported below At total depth				9. WELL NO. 501	
14. PERMIT NO. 30-045-27296				10. FIELD AND POOL OR WILDCAT Basin Fruitland Coal	
DATE ISSUED				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 11, T-31-N, R-12W NMMP	
15. DATE SPUDDED 02-23-90				12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 02-25-90				13. STATE NM	
17. DATE COMPL. (Ready to prod.) 04-11-90				19. ELEV. CASINGHEAD	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6263' GL				20. TOTAL DEPTH, MD & TVD 2790'	
21. PLUG, BACK T.D., MD & TVD				22. INTERVALS FILLED BY ROTARY TOOLS yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Fruitland coal - (2574-2770')				25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN DSN-SDL, DSNII, IEL, ML, CSNG				27. WAS WELL CORED no	
29. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		24.0#		225'	
5 1/2"		15.5#		2789'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		242 cu.ft.			
7 7/8"		963 cu.ft.			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		TUBING RECORD	
				SIZE	
				DEPTH SET (MD)	
				PACKER SET (MD)	
				2 3/8"	
				2751'	
31. PERFORATION RECORD (Interval, size and number)					
2574-90', 2606-08', 2614-16', 2644-61', 2758-70' w/2 spf					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
2574-2770'			183,640#sand; 124,180 gal. fluid		
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
shut in, capable of commercial hydrocarbon production, waiting on pipeline					shut-in
DATE OF TEST		HOURS TESTED		CHOKER SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
				112 MCF + pitot gge	
WATER—BBL.		GAS-OIL RATIO			
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
SI 562		SI 563			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold BHP @ 2750' 613					
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. SIGNED [Signature] TITLE Regulatory Affairs DATE 4-25-1990					

*(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	978'	1043'	White, cr-gr ss...	Ojo Alamo Kirtland Fruitland	978' 1043' 2430'	
Kirtland	1043'	2430'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2430'	2790' TD	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.			