

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

2. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ REPERFORATE ☐ OTHER

3. NAME OF OPERATOR
Southland Royalty Company

4. ADDRESS OF OPERATOR
PO Box 4289, Farmington, NM 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements):
At surface 1120'S, 1450'W

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

LEASE DESIGNATION AND SERIAL NO.
SF-078039A

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Primo Mudge

9. WELL NO.
100

10. FIELD AND POOL OR WILDCAT
Cedar Hill Ft. Coal

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA

Sec. 24, T-32-N, R-11-W
NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUDDED 06-03-89 16. DATE T.D. REACHED 06-21-89 17. DATE COMPL. (Ready to prod.) 06-28-89 18. ELEVATIONS (OF, RKB, ST. CR, ETC.)* 6344' GL 19. ELEV. CASINGHEAD 6344'

20. TOTAL DEPTH, MD & TVD 3110' 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPLET. HOW MANY? 1 23. INTERESTED PARTIES NOTIFIED BY DRILLER? Yes

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE

Fruitland Coal - uncemented Liner

JUL 20 1989

26. TYPE ELECTRIC AND OTHER LOGS RUN
none

27. WAS WELL CORRED
No
no

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	VENTING RECORD	AMOUNT PULLED
9 5/8"	36.0#	244'	12 1/4"	173 cu.ft.	
7 "	23.0#	2860'	8 3/4"	899 cu.ft.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2	2777'	3109'	did not	cmt	2 7/8"	3075'	

31. PERFORATION RECORD (Interval, size and number)
2863-3107' (predrilled liner)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.
FLOW, TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
SI 1146		SI 1166					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

35. LIST OF ATTACHMENTS

temp. survey

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: 7-12-89

*(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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	1330'	1360'	White, cr-gr ss..				
Kirtland	1360'	2675'	Gry sh interbedded w/tight, gry, fine-gr ss.				
Fruitland	2675'	3110' TD	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland	1330' 1360' 2675'		