

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved. S
Budget Bureau No. 1004-01
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. TYPE OF COMPLETION:

☒ NEW ☐ WORK OVER ☐ REPERFORATE ☐ OTHER

3. NAME OF OPERATOR

Southland Royalty Co

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 795'N, 820'E

At top production interval

At total depth

NM-2991

6. WELL AGREEMENT NAME

7. LEASE OR LEASE NAME

LaBaca

8. WELL NO.

100

9. FIELD AND POOL OR WILDCAT
Basin Fruitland Coal

10. SECTION, TOWNSHIP, RANGE AND SURVEY OR AREA

Sec. 1, T-29-N, R-3-W
NMPM

11. COUNTY OR PARISH
Rio Arriba

12. STATE
NM

13. DATE SPUNDED 07-25-89 DATE COMPLETED (Ready to produce) 08-13-89 ELEVATION (TOP, END, AT, OR, ETC.) 7600' GL

14. TOTAL DEPTH, MD & TVD 4323' 15. PLUG BACK T.D., MD & TVD 16. IF MULTIPLE COMPLEMENTS, HOW MANY? 1 17. INTERVALS DRILLED BY 18. ROTARY TOOLS 19. TABLE TOOLS

20. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Fruitland Coal (4227-4304')

21. WAS DIRECTIONAL SURVEY MADE

No

22. TYPE ELECTRIC AND OTHER LOGS RUN

DIL; LDT; CNL; Spectral GR

23. WAS WELL CORRED
no

24. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	ORIENTING RECORD	AMOUNT PULLED
9 5/8"	36.0#	341'	12 1/4"	271 cu.ft.	
5 1/2"	15.5#	4323'	8 5/4"	1499 cu.ft.	

25. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACK CEMENT*	SCREEN (MD)	26. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2 3/8" 4288

27. PERFORATION RECORD (If perforated, size and number)

4227-34', 4238-53', 4300-04' w/4 spf

28. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4227-4304'	104,000#sand; 99,828 gal fluid

29. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

Shut-in waiting on pipeline connection, capable of commercial hydrocarbon production

DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N. FOR TEST PERIOD OIL—GAL. GAS—MCF. WATER—GAL. GAS-OIL RATIO

FLOW, TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE TIL—GAL. GAS—MCF. WATER—GAL. GAS-OIL RATIO

SI 1016

SI 1025

ACCEPTED FOR RECORD

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

To be sold

BHP @ 4280'

TEST PERIOD 8-31-89

FARMINGTON RESOURCE AREA

31. LIST OF ATTACHMENTS

32. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Regulatory Affairs

DATE 8-31-89

*(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 DEPT
Ojo Alamo	3756'	3876'	White, cr-gr ss..				
Kirtland	3876'	4085'	Gry sh interbedded w/tight, gry, fine-gr ss.				
Fruitland	4085'	4308'	Dk gry-gry carb sh, coal, grn silts, light med gry, tight, fine gr ss.	Ojo Alamo Kirtland Fruitland Pic.Cliffs	3756' 3876' 4085' 4308'		
Pictured Cliffs	4308'	4323'	Bn-Gry, fine grn, tight ss.				