

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*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. ZONE 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 instructions on reverse side)
At surface 795'N, 820'E

At top prod. interval reported below

At total depth

RECEIVED

OCT 27 1989

OIL CON. DIV
DATE ISSUED
DIST. 3

LEASE DESIGNATION AND SERIAL:
NM-2991

IF INDIAN ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

TRACT OR LEASE NAME
LaBaca

WELL NO.
100

FIELD AND POOL OR WILDCAT
Basin Fruitland Coal

SECTION, T., R., S. OR BLOCK AND SURV. OR AREA
Sec. 1, T-29-N, R-5-W

NMPM

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

15. DATE SPUDDED 07-25-89 16. DATE T.D. REACHED 08-02-89 17. DATE COMPL. (Ready to prod.) 08-13-89 18. ELEVATION (DP, RKB, BT, GR, ETC.)* 7600' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4323' 21. PLUG BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY _____ ROTARY TOOLS Yes CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Fruitland Coal (4227-4304') 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL; LDT; CNL; Spectral GR 27. WAS WELL CORED no

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	EMMENTING RECORD	AMOUNT PULLED
9 5/8"	36.0#	341'	12 1/4"	271 cu.ft.	
5 1/2"	15.5#	4323'	8 3/4"	1499 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2 3/8" 4288

31. PERFORATION RECORD (Interval, size and number)
4227-34', 4238-53', 4300-04' w/4 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4227-4304'	104,000#sand; 99,828 ga 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 waiting on pipeline connection, capable of commercial hydrocarbon production

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS/OIL RATIO

FLOW, TUBING PRESS. SI 1016 CASING PRESSURE SI 1025 CALCULATED 24-HOUR RATE _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold BHP @ 4280'

35. LIST OF ATTACHMENTS

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 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):

J8. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS DEPTH	TOP
						TRUE VERT DEPTH
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'TD	Bn-Gry, fine grn, tight ss.			