

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 ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ 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 1340'S, 1490'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-045-27850

5. LEASE DESIGNATION AND SERIAL NO.

SF-077652

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

East

9. WELL NO.

103

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal

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

Sec.14,T-31-N,R-12-W

12. COUNTY OR PARISH

San Juan

13. STATE

Nm

15. DATE SPUDDED

06-09-90

16. DATE T.D. REACHED

06-12-90

17. DATE COMPL. (Ready to prod.)

06-21-90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6296'GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2772'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE, HOW MANY

23. MINOR TOOLS

24. CABLE TOOLS

yes

25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Fruitland Coal (2516-2767')

26. WAS DIRECTIONAL SURVEY MADE

no

27. TYPE ELECTRIC AND OTHER LOGS RUN

Ind; Dens; Dens-Neut; NGT; Microlog

28. WAS WELL CORRED

no

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	222'	12 1/4"	248 cu.ft.	
5 1/2"	15.5#	2772'	7 7/8"	963 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2736'	

31. PERFORATION RECORD (Interval, size and number)

2516-26', 2590-92', 2672-82',
2727-32', 2752-67' w/2 spf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2516-2767'	158,000# 20/40 sand
	75,123 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, waiting on pipeline; capable of commercial hydrocarbon production					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→		2.1 MMCF	pitot gge	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
SI 674	SI 682	→					

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

to be sold BHP @ 2725' 741

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

temp. survey

AUG 23 1990

36. I hereby certify that the foregoing and attached information is complete and correct as determined from a MINING AND RECLAMATION AREA

Regulatory Affairs

BY 227

8-7-90

SIGNED

TITLE

DATE

*(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	998	1080'	White, cr-gr ss.	Ojo Alamo Kirtland Fruitland	998' 1080' 2425'	
Kirtland	1080'	2425'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2425'	2772'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.			