

FORM 1004-0137
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078115

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

30-045-24922

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Thurston #1A

9. API WELL NO.

30-045-24922

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde

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

Sec 31, T-31-N, R-11-W
NMPM

12. COUNTY OR
PARISH
San Juan

13. STATE
NM

1a. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

04 FEB -3 PM 3:11

b. TYPE OF COMPLETION:

NEW WELL ☐

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☒

DIFF. REVR. ☐

OTHER ☐

070 FARMINGTON, NM

2. NAME OF OPERATOR

Southland Royalty Co

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499 505-326-9700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 980'FNL, 1720'FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

04-21-81

16. DATE T.D. REACHED

05-03-81

17. DATE COMPL. (Ready to prod.)

05-25-93

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7181'

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

5100'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

NOTE: name of well changed from
Grenier #23E when plugged back to Mesa Verde

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

DCL

27. WAS WELL CORED

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	238'	12 1/4"	175 sx cmt	
4 1/2"	11.6# & 10.5#	7181'	7 7/8"	930 sx cmt	

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"	4871	

31. PERFORATION RECORD (Interval, size and number)

4771-4990'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4771-4990'	20/40 sand and KCl wtr

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
05-25-93		flowing, capable of commercial oil and gas prod.				shut in	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO
01-24-94	3 hrs	3/4"	→		20380		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
935	910	→		32139			

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

to be sold

TEST WITNESSED BY

S. Adams

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

TITLE

Regulatory Representative

DATE

FARMINGTON DISTRICT OFFICE

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH

38. GEOLOGIC MARKERS

Ojo Alamo	1112'	2025'	White, cr-gr ss.	Ojo Alamo	1112'	
Fruitland	2025'	2458'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2025'	
Pictured Cliffs	2458	4019'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2458'	
				Mesa Verde	4019'	
Cliff House	4019'	4866'	Light gry, med-fine gr ss, carb sh & coal	Point Lookout	4866'	
Point Lookout	4866'	6034'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gallup	6034'	
				Greenhorn	6769'	
Gallup	6034'	6769'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Graneros	6832'	
Greenhorn	6769'	6832'	Highly calc gry sh w/thin lmst.	Dakota	6957'	
Graneros	6832'	6957'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	6957'	7181'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale break			