

**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

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 ☐ DIFF. CEMER. ☐ Other _____

3. NAME OF OPERATOR

Southland Royalty Company

4. ADDRESS AND TELEPHONE NO.

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

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

At surface 1425' FNL, 1160' FWL

At top prod. interval reported below

At total depth

NSL-3424

14. PERMIT NO.

DATE ISSUED

6. CASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 447

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

8. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME, WELL NO.

Jicarilla 447 #2

10. API WELL NO.

30-039-25445

11. FIELD AND POOL OR WILDCAT

Tapacito Pictured Cliffs
Blanco Mesaverde

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

Sec. 19, T-27-N, R-3-W

13. COUNTY OR PARISH

Rio Arriba

14. STATE

NM

15. DATE SPUDDED

9-5-94

16. DATE T.D. REACHED

9-15-94

17. DATE COMPL. (Ready to prod.)

10-18-94

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

7138 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6706

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

22. IF MULTIPLE COMPL. HOW MANY?

2

23. INTERVALS DRILLED BY

0-6706

24. ROTARY TOOLS

25. CABLE TOOLS

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

3976-4063 Pictured Cliffs

DHC w/Mesaverde

27. WAS WELL CORDED

No

28. TYPE ELECTRIC AND OTHER LOGS RUN

Ind. GR. CNL. LDT

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
9 5/8	36#	238	12 1/4	112 cu.ft.	
7	23#	4299	8 3/4	1114 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
4 1/2	4173	6704	506 cu.ft.		SIZE DEPTH SET (MD) PACKER SET (MD)
					2 3/8 6192

31. PREPARATION RECORD (Interval, MD and TVD)

3976-4063

RECEIVED
NOV 10 1994

OIL CON. DIV.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3976-4063	392 bbl 2% KCl wtr 98,000#
	20/40 Ariz sd 549,000 SCF N2

33. PRODUCTION

32.°		PRODUCTION				WELL STATUS (Producing or shut-in)		
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				SI		
10-18-94		Flowing						
DATE OF TEST		HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-18-94				→		1638	Pitot Gauge	
FLOW, TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
SI 907		SI 907	→				TEST WITNESSED BY	

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

To be sold

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

[Signature]

TITLE Regulatory Affairs

DATE 10-25-94

*(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; core intervals; and all dil-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	3412'	3604'	White, cr-gr ss.	Ojo Alamo	3412'	
Kirtland	3604'	3782'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	3604'	
Fruitland	3782'	3943'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	3782'	
Pictured Cliffs	3943'	4497'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	3943'	
Huerfanito Bentonite*	4497'	4941'	White, waxy chalky bentonite	Huerfanito Bent.	4497'	
Chacra	4941'	5681'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Chacra	4941'	
Cliff House	5681'	5817'	ss. Gry, fine-grn, dense sil ss.	Cliff House	5681'	
Menefee	5817'	6134'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	5817'	
Point Lookout	6134'	6605'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt. Lookout	6134'	
Mancos	6605'	6706'	Dark gry carb sh.	Mancos	6605'	

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)