

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 ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. DEEPEN ☐ 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 630' FSL, 1420' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. NSL-3422 DATE ISSUED

6. LEASE DESIGNATION AND SERIAL NO.

Icarilla Contract 447

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

Icarilla Apache

7. UNIT AGREEMENT NAME

9. FARM OR LEASE NAME, WELL NO

Icarilla 447 #1A

10. API WELL NO.

30-039-25441

11. FIELD AND TOOL OR WELDCAT

Iapacito Pict Clis Ext

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

Blanco Mesaverde

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

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

14. COUNTY OR PARISH

Rio Arriba

15. STATE

NM

16. DATE SPUDDED

9-16-94

17. DATE T.D. REACHED

9-28-94

18. DATE COMPL. (Ready to prod.)

10-30-94

19. ELEVATIONS (OF. HKB. RT. GR. ETC.)*

7210 GP 7223 KB

20. TOTAL DEPTH, MD & TVD

6748

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

22. IF MULTIPLE COMPL. HOW MANY*

2

23. INTERVALS DRILLED BY

10-6748

24. ROTARY TOOLS

CABLE TOOLS

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

4011-4096 Pictured Cliffs

26. WAS DIRECTIONAL SURVEY MADE

27. TYPE ELECTRIC AND OTHER LOGS RUN

AIT-GR. CNL-CDL. Cal. 4 arm Cal

28. WAS WELL CORRED

No

29. 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#	233	12 1/4	123 cu.ft.	
7	23#	4331	8 3/4	995 cu.ft.	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2	4152	6729	506 cu.ft.		2 3/8	6194	

31. PERFORATION RECORD (Interval, depth, etc.)

4011-4096

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4011-4096	110,000# 20/40 Brady sd...
	272 bbl 2% KCl wtr
	476,968 SCF N2

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-30-94		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
10-28-94			→			928 Pitot Gauge	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
SI 997	SI 1023	→					

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

To be sold

TEST WITNESSED BY

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 11-11-94

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

37. SUMMARY OF POROUS ZONES: (Show all important masses of porosity and contents thereof; core 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.	GEOLOGIC MARKERS	
				NAME	TRUE VERT. DEPTH

Ojo Alamo	3624'	3691'	White, cr-gr ss.			
Kirtland	3691'	3743'	Gry sh interbedded w/tight, gry, fine-gr ss.	Ojo Alamo	3624'	
Fruitland	3743'	3980'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Kirtland	3691'	
				Fruitland	3743'	
Pictured Cliffs	3980'	4524'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	3980'	
Huerfanito Bentonite*	4524'	4612'	White, waxy chalky bentonite	Huerfanito Bent.	4524'	
				Chacra	4612'	
Chacra	4612'	5595'	Gry fn grn silty, glauconitic sd stone	Cliff House	5595'	
Cliff House	5595'	5852'	w/drk gry shale	Menefee	5852'	
			ss. Gry, fine-grn, dense sil ss.	Pt.Lookout	6135'	
Menefee	5852'	6135'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	6645'	
Point Lookout	6135'	6645'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation			
Mancos	6645'	6748'	Dark gry carb sh.			

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