

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-078813

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Cooper #3E

9. API WELL NO.

30-045-25039

10. FIELD AND POOL, OR WILDCAT
Undes. Gallup

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

Sec. 6, T-29-N, R-11-W
NMPM

12. COUNTY OR PARISH
San Juan

13. STATE
NM

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. REVR. ☐ Other _____

2. NAME OF OPERATOR

Southland Royalty

3. ADDRESS AND TELEPHONE NO.

PO Box 4289, Farmington, NM 87499

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

At surface

1810' FSL, 860' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 11-17-81 16. DATE T.D. REACHED 11-25-81 17. DATE COMPL. (Ready to prod.) 8-21-92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5777' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6705' 21. PLUG BACK T.D., MD & TVD 6058' 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Gallup (5562-5892')

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

28. 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#	240'	12 1/4"	160 sx	
5 1/2"	15.5#	6681'	7 7/8"	888 sx (3 stages)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5881'	

31. PERFORATION RECORD (Interval, size and number)

5778-5892', 5562-5738'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5562-5738'	53,800# 20/40 sand; gel & acid
5778-5892'	108,000# 20/40 sand; gel & acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8-20-92		flowing, capable of comm. hydrocarbon prod.					shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-3-92	3 hrs	3/4"	→	2 BO	1033	3 BW	--	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
66	320	→	2 BO	1091	3 BW			

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

to be sold

35. LIST OF ATTACHMENTS
none

TEST WITNESSED BY

WITNESSED FOR RECORD

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 9-11-92

*(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.

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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	741'	1720'	White, cr-gr ss.	Ojo Alamo	741'	
Fruitland	1720'	1953'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1720'	
Pictured Cliffs	1953'	3544'	Bn-Gry, fine grn, tight ss.	Pic. Cliffs	1953'	
Cliff House	3544'	4267'	ss. Gry, fine-grn, dense sil ss.	Cliff House	3544'	
Point Lookout	4267'	5553'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4267'	
Gallup	5553'	6345'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Gallup	5553'	
Graneros	6345'	6471'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6345'	
Dakota	6471'	6705'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6471'	