

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions 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. REVENR. ☐ 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 1840'N, 1660'W

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-045-07418

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

5777'GR

15. DATE SPUDDED

04-22-80

16. DATE T.D. REACHED

04-30-80

17. DATE COMPL. (Ready to prod.)

06-17-91

20. TOTAL DEPTH, MD & TVD

6610'

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

6563'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

yes

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

Armenta Gallup (5452-5770')

(Gallup is commingled with
Dakota per DHC-783)

25. WAS DIRECTIONAL
SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

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27. WAS WELL CORED

no

28. 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#	208'	12 1/4"	140 sx	
5 1/2"	15.5#	6709'	7 7/8"	690 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6518'	

31. PERFORATION RECORD (Intervals, size and number)

5452', 5458', 5464', 5470', 5476', 5482',
5488', 5494', 5500', 5506', 5512', 5518',
5524', 5530', 5536', 5542', 5548', 5583',
5588', 5598', 5608', 5617', 5622', 5630',
5638', 5645', 5664', 5670', 5676', 5682',
5688', 5696', 5708', 5716', 5732', 5738',
5744', 5756', 5764-5770'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5583-5770'	100,000# 20/40 sand, N2 and 700 bbl. 30# gel
5452-5548'	100,000# 20/40 sand, N2 and 737 bbl. 30# gel

33. PRODUCTION

DATE FIRST PRODUCTION 6-17-91 PRODUCTION METHOD (Flowing, gas lift, pumps—size and type of pump) flowing WELL STATUS (Producing or shut-in) shut in

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—MCF.	WATER—BBL.	GAS-OIL RATIO
07-11-91	3 hrs	3/4"	815	815	--	--
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
59	889		--	65280		

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

7-17-91

*(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	1310'	1715'	White, cr-gr ss..	Ojo Alamo	1310'	
Fruitland	1715'	1950'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	1715'	
Pictured Cliffs	1950'	2935'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	1950'	
Chacra	2935'	3585'	Gry fn grn silty, glauconitic sd stone w/drak gry shale	Chacra	2935'	
Cliff House	3585'	4260'	ss. Gry, fine-grn, dense sil ss.	Cliff House	3585'	
Point Lookout	4260'	5442'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout	4260'	
Gallup	5442'	6267'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	5442'	
Graneros	6267'	6386'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6267'	
Dakota	6386'	6610'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	6386'	