

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 ☐ DRILL- IN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other ☐

3. NAME OF OPERATOR

Southland Royalty Company

BUREAU OF LAND MANAGEMENT

4. ADDRESS OF OPERATOR

FARMINGTON RESOURCE AREA

P.O. Drawer 570, Farmington, New Mexico 87499

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

At surface

(C) 960' FNL & 1720' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

Rio Arriba

New Mexico

15. DATE SPUDDED
6-24-85

16. DATE T.D. REACHED
7-10-85

17. DATE COMPL. (Ready to prod.)
9-17-85

18. ELEVATIONS (DP, RAB, RT, GR, ETC.)*
7480' KB

19. ELEV. CASINGHEAD
7468' GL

20. TOTAL DEPTH, MD & TVD
8192'

21. PLUG BACK T.D., MD & TVD
8152'

22. IF MULTIPLE COMPL. HOW MANY?

23. INTERVALS DRILLED BY
0-8192'

ROTARY TOOLS

CABLE TOOLS

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

6963'-7596' (Mancos)

25. WAS DIRECTIONAL SURVEY MADE

Devotional

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction, CDL/CNL and CBL

27. WAS WELL CURED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.30#, K-55	432'	12-1/4"	250 sxs (295 cu. ft.) Circ	to surface
5-1/2"	17#, N-80	8192'	7-7/8"	Stage 1: 365 sxs (464 cu. ft.)	Good circ.
and 15.50#, K-55				Stage 2: 210 sxs (350 cu. ft.)	Good circ.
				Stage 3: 350 sxs (969 cu. ft.)	Good circ.

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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31. PERFORATION RECORD (Interval, size and number)

Mancos - Total 43 holes
6963', 6973', 6980', 6990', 7000', 7008',
7022', 7035', 7042', 7050', 7058', 7064',
7072', 7082', 7098', 7108', 7148', 7155',
7164', 7172', 7180', 7194', 7203', 7220',
7233', 7250', 7264', 7273', 7286', 7294'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6973'-7108'	Fract with 99,078 gals 30# gel
with 2% KCl water & 92,500# 20/40 sand.	
7148'-7596'	Fract with 131,208 gals 30# gel
with 2% KCl and 125,000# 20/40 sand	

33. **CONTINUED OTHER SIDE**

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-01-85		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
11-01-85	24	1-1/2"	—————→	202	984	18	4871/1
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
75 psi	400 psi	—————→	---	---	---	---	

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

To be Sold

TEST WITNESSED BY

Jerry Hatley NOV 20 1985

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Arthur J. Greengard

TITLE Secretary

DATE 11-07-85

*(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.

OPERATOR

CONTINUED ITEM #31:

7302', 7315', 7326', 7333', 7347', 7403', 7410', 7428', 7462',
7470', 7480', 7490', 7503', 7575', 7583', 7596'.

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	MEAS. DEPTH	TRUE VERT. DEPTH
<u>ESTIMATED</u>						
Ojo Alamo	3210'					
Fruitland	3439'					
Pictured Cliffs	3524'					
Chacra	4080'					
Cliff House	5286'					
Point Lookout	5734'					
Greenhorn	7813'					
Graneros	7891'					
Dakota	8037'					