

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355

5. LEASE DESIGNATION AND SERIAL NO.

SF-077874

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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. RESVR. Other _____

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 670' FNL & 1850' FEL
At top prod. interval reported below
At total depth

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hanks

9. WELL NO.

#24

10. FIELD AND POOL, OR WILDCAT

Undesignated Chacra

Blanco Mesaverde

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

Section 5, T27N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 8-20-78 16. DATE T.D. REACHED 8-25-78 17. DATE COMPL. (Ready to prod.) 4-3-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7103' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5783' 21. PLUG, BACK T.D., MD & TVD 5773' 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY 0-5783' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 5447'-5764' Mesaverde 25. WAS DIRECTIONAL SURVEY MADE Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Induction, GR-Density, GR-Correlation/CBL 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
9-5/8"	36#	308'	12-1/4"	160 sxs	
7"	20#	3400'	8-3/4"	175 sxs	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3239'	5773'	270		1-1/2"	5640'	4400'

(perf'd from 5308'-5312')

31. PERFORATION RECORD (Interval, size and number)

MESAVERDE:
5447', 5455', 5462', 5468', 5475', 5482',
5499', 5505', 5518', 5525', 5569', 5583',
5594', 5764'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5447'-5764'	93,744 gals water
	44,500# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)
	Flowing	Shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
3-27-79	3 hrs	3/4"					

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
86				1,135		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold: TEST WITNESSED BY Abel Saiz

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 [Signature] TITLE District Production Manager DATE April 5, 1979

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

NMOCC

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved,
Budget Bureau No. 42-R365.5.

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. RESVR. Other _____

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR
P. O. Drawer 570, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 670' FNL & 1850' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
SF-077874

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Hanks

9. WELL NO.
#24

10. FIELD AND POOL, OR WILDCAT
 Undesignated Chacra
Blanco Mesaverde

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

Section 5, T27N, R9W

12. COUNTY OR PARISH
San Juan

13. STATE
New Mexico

15. DATE SPUDDED 8-20-78 16. DATE T.D. REACHED 8-25-78 17. DATE COMPL. (Ready to prod.) 4-3-79 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7103' GR 19. ELEV. CASING HEAD _____

20. TOTAL DEPTH, MD & TVD 5783' 21. PLUG, BACK T.D., MD & TVD 5773' 22. IF MULTIPLE COMPL., HOW MANY* 1 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-5783' CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Chacra 4261' - 4273'

25. WAS DIRECTIONAL SURVEY MADE
Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-Induction, GR-Density, GR-Correlation/CBL

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
9-5/8"	36#	308'	12-1/4"	160 SXS	
7"	20#	3400'	8-3/4"	175 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	3239'	5773'	270 SXS	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
1-1/4"	4207'	4400'

31. PERFORATION RECORD (Interval, size and number)
CHACRA - 4261', 4265', 4269', 4273'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4261'-4273'	8,850 gals water 29,904 gals Apollo 20 40,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	Flowing	shut in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-3-79	3 hrs	3/4"	→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
66	379	→		1,058		

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

TEST WITNESSED BY
Abel Salt

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 John K. San TITLE District Production Manager DATE April 5, 1979

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

NMOCC