

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM-01772A			
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR Southland Royalty Company				7. UNIT AGREEMENT NAME			
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, NM 87401				8. FARM OR LEASE NAME Reid "A"			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1510' FSL & 2390' FEL At top prod. interval reported below At total depth				9. WELL NO. #1M			
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT XXBlanco Mesa Verde/ Basin Dakota			
15. DATE SPUNDED 12-26-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T29N, R10W			
16. DATE T.D. REACHED 1-3-81				12. COUNTY OR PARISH San Juan			
17. DATE COMPL. (Ready to prod.) 2-14-81				13. STATE NM			
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5668' GR				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 6673'		21. PLUG, BACK T.D., MD & TVD 6650'		22. IF MULTIPLE COMPL., HOW MANY* 2			
23. INTERVALS DRILLED BY 0'-6673'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* MV: 3801'-4481'			
25. WAS DIRECTIONAL SURVEY MADE Deviation				26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction			
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		
10-3/4"		32.75#	232'	13-3/4"	140 SX		
7-5/8"		26.40#	2271'	9-7/8"	374 SX		
29. LINER RECORD		30. TUBING RECORD		31. PERFORATION RECORD (Interval, size and number)			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	2141'	6673'	433 SX		1-1/2"	4395'	4607'
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				33.* PRODUCTION			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
4256'-4481'		95,412 gals wtr & 19,000# 20/40 sd					
3801'-3996'		98,656 gals wtr & 69,000# 20/40 sd					
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			
WELL STATUS (Producing or shut-in) Shut-in				DATE OF TEST			
HOURS TESTED				CHOKE SIZE			
3-4-81				3 hrs.			
3/4"				PROD'N. FOR TEST PERIOD			
OIL—BBL.				GAS—MCF.			
WATER—BBL.				GAS-OIL RATIO			
FLOW. TUBING PRESS.				CASING PRESSURE			
129				700			
CALCULATED 24-HOUR RATE				OIL—BBL.			
3125 MCF				GAS—MCF.			
WATER—BBL.				OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold				TEST WITNESSED BY Dean Lingo			
35. LIST OF ATTACHMENTS				ACCEPTED FOR RECORD			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records				MAR 24 1981			
SIGNED _____				TITLE District Production Manager			
DATE 3-11-81				FARMINGTON DISTRICT			

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

INSTRUCTIONS

INSTRUCTIONS

[illegible]

of filed prior to the time of the survey, and directional surveys, should be described in detail in the report. The report should include the following information:

1. A description of the land area surveyed, including the location of the land, the size of the land, and the type of land.
2. A description of the survey method used, including the type of survey, the equipment used, and the personnel involved.
3. A description of the results of the survey, including the location of the land, the size of the land, and the type of land.
4. A description of the conclusions reached, including the location of the land, the size of the land, and the type of land.

The report should be submitted to the Bureau of Land Management, Department of the Interior, Washington, D.C. 20460. The report should be submitted in triplicate, and the original should be retained by the Bureau of Land Management. The report should be submitted by the date specified in the instructions.

[illegible]

Item 18: Initiate which elevation is used as reference (where more than one interval is used) for separate production from more than one interval reported in item 33. Submit a separate tool.

18: Indicate which elevation is used as separate production from the interval reported in item **17**. (See instruction for items **22** and **24** above.)

each additional interval to be separately produced. (See instruction for item 21.) Attached supplemental records for this well should show the means, intervals, top(s), bottom(s), and base(s) for each interval to be separately produced. Attached supplemental records for this form for each interval to be separately produced.

m 29: "Sacks Cement": Attached supplemental report on this form for each interval to be separately produced.

m 33: Submit a separate completion report on this form for each interval to be separately produced.

GEOLOGIC MARKERS					
38.				TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
SUMMARY OF POROUS ZONES: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS, AND RECOVERIES DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES DESCRIPTION, CONTENTS, ETC.					
FORMATION	TOP	BOTTOM			
jo Alamo	1013'				
'ruitland	1745'				
Pictured Cliffs	2044'				
Cliff House	3740'				
Point Lookout	4356'				
Gallup	5560'				
Greenhorn	6320'				
Graneros	6382'				
Dakota	6519'				

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(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

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, NM 87401

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

At surface 1510' FSL & 2390' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

NM-01772A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Reid "A"

9. WELL NO.

#1M

10. FIELD AND POOL, OR WILDCAT

XX Blanco Mesa Verde/
Basin Dakota

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

Sec. 13, T29N, R10W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

12-26-80

1-3-81

2-14-81

5668' GR

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS PERILLED BY ROTARY TOOLS CABLE TOOLS

6673'

6650'

2

0'-6673'

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

DK: 6460'-6637'

25. WAS DIRECTIONAL SURVEY MADE

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, GR-Induction, GR-Density

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
10-3/4"	32.75#	232'	13-3/4"	140 SX	
7-5/8"	26.40#	2271'	9-7/8"	374 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	2141'	6673'	433 SX		1-1/2"	6607'	4607'

31. PERFORATION RECORD (Interval, size and number)

DK: 6460', 6525', 31', 36', 41', 46',
51', 6603', 27', 32', 37'. (11 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6460'-6637'	74,600 gals 30# gel wtr & 64,900# 20/40 sd

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

2-25-81

3 hrs.

3/4"

→

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

51

→

724 MCF

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

Sold

TEST WITNESSED BY

Dean Lingo

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

TITLE District Production Manager

DATE MAR 24 1981

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

BY RB FARMINGTON DISTRICT

INSTRUCTIONS

1: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. (All attachments of filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. Consult local State or Federal office for specific instructions.)

2: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

3: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

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33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

38.		GEOLOGIC MARKERS	
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		NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
FORMATION	TOP	BOTTOM	
Jo Alamo	1013'		
Fruitland	1745'		
Pictured Cliffs	2044'		
Cliff House	3740'		
Point Lookout	4356'		
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