

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF-080781

6. IF INDIAN, ALLOTTEE OR TRIBE, NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE

Cain

9. WELL NO.

22

10. FIELD AND POOL, OR WILDCAT

Blanco Mesa Verde
Basin Dakota11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 31, T29N, R9W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

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 87499-0570

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

At surface 790' FNL & 790' FWL

At top prod. interval reported below

At total depth

RECEIVED

14. PERMIT NO.

DATE ISSUED

U. S. GEOLOGICAL SURVEY

FARMINGTON, N. M.

15. DATE SPUDDED

12-16-81

16. DATE T.D. REACHED

12-28-81

17. DATE COMPL. (Ready to prod.)

2-2-82

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

5711' GL

5723 KB

19. ELEV. CASINGHEAD

5711' GL

20. TOTAL DEPTH, MD & TVD

6670'

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

6625'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

0-6670

CABLE TOOLS

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

3968'-4091' (Menefee)

4300'-4435' (Point Lookout)

25. WAS DIRECTIONAL
SURVEY MADE

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN

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#	239' KB	12-1/4"	215 sacks Class B Surface	
5-1/2"	15.5#	6670' KB	7-7/8"	720 sacks (3 stages)	
				See Attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
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30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

MV-Menefee (7 holes): 3968', 3976', 3982', 3986', 4029', 4081', 4091'.

MV-Pt. Lookout (11 holes): 4300', 4330', 4338', 4358', 4364', 4371', 4385', 4398', 4422', 4428', 4435'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3968'-4091'	Frac'd Menefee w/88,120 gals fresh wtr & 51,891# 20/40 sand.
4300'-4435'	Frac'd Pt. Lookout w/94,000 gals fresh wtr & 84,000# 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)	
2/23/82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-23-82	3	3/4"	→	—	92	—	—
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
52	687	→	—	735 1445	—	—	

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

Sold

TEST WITNESSED BY

Richard Ramos

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

C. C. Ramos

TITLE Dist. Prod. Manager

DATE Feb. 26, 1982

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

NMOCG

BY

FARMINGTON DISTRICT
Elliot

INSTRUCTIONS

General: 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, or both, 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 and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not 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.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 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.

Item 16: 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.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPERMEANT 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
Ojo Alamo	1052'	} Estimated				
Pictured Cliffs	2021'					
Cliff House	3677'					
Point Lookout	4320'					
Gallup	5515'					
Dakota	6464'					



Cemented 1st stage with 130 sacks of Class "B" 50/50 Poz with 6% gel and 1/4# gel flake per sack, followed by 50 sacks of Class "B" with 2% CaCl_2 . Plug down at 12:30 A.M. 12-31-81. Cemented 2nd stage with 260 sacks of Class "B" 50/50 Poz with 6% gel and 1/4# gel flake per sack, followed by 50 sacks of Class "B" with 2% CaCl_2 . Plug down at 5:00 A.M. 12-31-81. Cemented 3rd stage with 180 sacks of Class "B" 50/50 Poz with 6% gel and 1/4# gel flake per sack, followed by 50 sacks of Class "B" with 2% CaCl_2 . Plug down at 9:00 A.M. 12-31-81. Top of cement at 1000'.