

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.

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

12. COUNTY OR PARISH
San Juan

13. STATE

New Mexico

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 (OF, RED, RT, CR, ETC.)*

FARMINGTON, N. 5711' GL 5723' K

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

0-6670'

ROTARY TOOLS

CABLE TOOLS

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

6408'-6596' (Dakota)

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'	12-1/4"	215 sacks <u>Clave B Surface</u>	
5-1/2"	15.5#	6670'	7-7/8"	720 sacks (3 stages)	
				<u>See Attached</u>	

29. LINER RECORD

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

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>1-1/2"</u>	<u>6565'</u>	<u>4471'</u>

31. PERFORATION RECORD (Interval, size and number)

Dakota - 12 holes6408', 6410', 6469', 6479', 6483', 6524', 6528', 6536', 6556', 6587', 6592', 6596'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>6408'-6596'</u>	<u>Frac'd with 100,000 gals 30# gelled 1% KCL water and 53,000# 20/40 sand.</u>

33.* PRODUCTION

DATE FIRST PRODUCTION 2/16/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 2-16-82	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. —	GAS—MCF. 60	WATER—BBL. —	GAS-OIL RATIO —
FLOW, TUBING PRESS. 30	CASING PRESSURE —	CALCULATED 24-HOUR RATE →	OIL—BBL. —	GAS—MCF. 483	WATER—BBL. —	OIL GRAVITY-API (CORR.) —	

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

Sold

TEST WITNESSED BY

Richard Ramos

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

C. C. Parsons

TITLE

Dist. Prod. Manager[DATE] Feb 26, 1982

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

NMOCC

BY

FARMINGTON DISTRICT

E. C. 4

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.

Item 18: 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 Content": 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.)

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.

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37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS	
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			
FORMATION	TOP	DESCRIPTION, CONTENTS, ETC.	NAME
	BOTTOM		MEAS. DEPTH
			TRUE VERT. DEPTH
Ojo Alamo	1052'		
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'.