

Form approved.
Budget Bureau No. 42-B355.5.

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. RESRV. ☐ Other _____

DEC 21 1982

2. NAME OF OPERATOR
Southland Royalty Company

3. ADDRESS OF OPERATOR DIST. 3
P.O. Drawer 570, Farmington, New Mexico 87499

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

At surface 685' FNL & 430' FEL

At top prod. interval reported below

RECEIVED

At total depth

14. PERMIT NO.	DATE ISSUED
U. S. GEOLOGICAL SURVEY	

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to Prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8-28-82	9-4-82	11-20-82	5557' KB	5545' GL

20. TOTAL DEPTH, MD & TVD 6120'	21. PLUG, BACK T.D., MD & TVD 6076'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0-6120'	CABLE TOOLS ---
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	25. WAS DIRECTIONAL SURVEY MADE
5887'-5989'	Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN CDL/CNL, IEL and GR-CBL/VDL	27. WAS WELL CORED No
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29. 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#	238.60'	12-1/4"	**SEE CEMENT REPORT ON OTHER SIDE**	
4-1/2"	10.5#	6120'	7-7/8"		

29. LINER RECORD					30. TUBING 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)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Dakota (7 holes)	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5887', 5892', 5898', 5903', 5910', 5916', 5989'.	5887'-5989'	Frac'd with 61,782 gals water with 30# gel and 1% KCl and 48,000# 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)	
12-07-82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHCKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-07-82	3	3/4"	→	---	242	---	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
157	509	→	----	1937	---	----	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY
To be sold		Leroy Castleman

35. LIST OF ATTACHMENTS

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

SIGNED John G. [Signature] TITLE Secretary DATE 12-9-82

ACCEPTED FOR RECORD

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

FARMINGTON DISTRICT

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 13: 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 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
Fruitland	955'		#28 Cement Reports 8-5/8" casing cemented with 118 cu.ft. of Class "B" with 1/4# celloflake and 3% CaCl ₂ . PD @ 3:30 AM 8-29-82. Cement circulated. 4-1/2" casing cemented as follows: 1st Stage - 319 cu.ft. of Class "B" 50/50 Poz, 6% gel and 1/4# celloflake, tailed in with 59 cu.ft. of Class "B" Neat with 2% CaCl ₂ . PD @ 3:30 AM 9-6-82. 2nd Stage - 896 cu.ft. of Class "B" 50/50 Poz, 6% gel and 1/4# celloflake, tailed in with 59 cu.ft. of Class "B" neat with 2% CaCl ₂ . PD @ 7:30 AM 9-6-82. 3rd Stage - 182 cu.ft. of Class "B" 50/50 Poz, 6% gel and 1/4# celloflake, tailed in with 59 cu.ft. of Class "B" neat with 2% CaCl ₂ . PD @ 2:00 PM 9-6-82.			
Pictured Cliffs	1260'					
Chacra	1870'					
Cliff House	2880'					
Point Lookout	3770'					
Gallup	4978'					
Greenhorn	5767'					
Graneros	5827'					
Dakota	5980'					