

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Southland Royalty Company						5. LEASE DESIGNATION AND SERIAL NO. NM-2995	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1090' FSL & 1560' FEL At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUDDED 6-20-79						16. DATE T.D. REACHED 6-28-79	
17. DATE COMPL. (Ready to prod.) 8-21-79						18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6732' GR	
19. ELEV. CASINGHEAD						20. TOTAL DEPTH, MD & TVD 6337'	
21. PLUG, BACK T.D., MD & TVD 6170'						22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY						ROTARY TOOLS 0-6337'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3540' - 3757' Pictured Cliffs						25. WAS DIRECTIONAL SURVEY MADE Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Density, IES, GR-Induction and GR-Correlation Logs						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		32.30#		234'		12-1/4"	
7"		20#		3874'		8-3/4"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		3719'		6336'		305	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/2"		3695'		3861'			
31. PERFORATION RECORD (Interval, size and number)							
3540', 3548', 3556', 3564', 3575', 3590', 3598', 3605', 3618', 3652', 3661', 3669', 3676', 3684', 3692', 3700', 3706', 3729', 3732', 3740', 3749', 3757'.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3540' - 3757'				213,948 gallons water and 195,000# 20/40 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing					
DATE OF TEST 8-28-79		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
		1465#					
						GAS—MCF.	
						WATER—BBL.	
						OIL GRADUITY-API (CORR.)	
						1702 MCFd Pitot Tube Test Gauge	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Dwayne Horton	
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		TITLE				DATE	
[Signature]		District Production Manager				SEP 11 1979	

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

U. S. GEOLOGICAL SURVEY
WASH., D.C.

State

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 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 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2561'					
Fruitland	3314'					
Pictured Cliffs	3528'					
Cliff House	5380'					
Point Lookout	5990'					

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

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				7. UNIT AGREEMENT NAME 	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				8. FARM OR LEASE NAME Burnt Mesa	
2. NAME OF OPERATOR Southland Royalty Company				9. WELL NO. 2-A	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401				10. FIELD AND POOL, OR WILDCAT ☒ Blanco Mesa Verde So. Los Pinos FRT PC	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1090' FSL & 1560' FEL At top prod. interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 26, T32N, R7W	
		14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 6-20-79		16. DATE T.D. REACHED 6-28-79		17. DATE COMPL. (Ready to prod.) 8-1-79	
				18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6732' GR	
20. TOTAL DEPTH, MD & TVD 6337'		21. PLUG, BACK T.D., MD & TVD 6170'		22. IF MULTIPLE COMPL., HOW MANY*	
				23. INTERVALS DRILLED BY →	
				ROTARY TOOLS 0-6337'	
				CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5767' - 6080' (Mesa Verde)					25. WAS DIRECTIONAL SURVEY MADE Deviation
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Density, IES, GR-Induction and GR-Correlation Logs					27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)					
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.30#	234'	12-1/4"	115 sacks	
7"	20#	3874'	8-3/4"	210 sacks	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
4-1/2"	3719'	6336'	305		
31. PERFORATION RECORD (Interval, size and number) MV - 5767', 5810', 5816', 5822', 5992', 5998', 6004', 6010', 6021', 6028', 6035', 6054', 6060', 6071', 6080'.				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	
				5767' - 6080'	
				AMOUNT AND KIND OF MATERIAL USED	
				119,616 gallons water and 50,000# 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.
8-8-79	3	3/4"	→		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
142	---	→		1811	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
Sold					Dwayne Horton
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

TITLE District Production Manager

DATE AUGUST 20, 1979

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

U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

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