

**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 \***

<p>1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____</p> <p>b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESERV. <input type="checkbox"/> Other _____</p> <p>2. NAME OF OPERATOR Southland Royalty Company</p> <p>3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1820' FSL &amp; 1185' FEL At top prod. interval reported below At total depth _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 101</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____</p> <p>7. UNIT AGREEMENT NAME _____</p> <p>8. FARM OR LEASE NAME Jicarilla 101</p> <p>9. WELL NO. #1A</p> <p>10. FIELD AND POOL, OR WILDCAT Basin Dakota</p> <p>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Blanco Mesaverde Section 1, T26N, R4W</p>
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14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
15. DATE SPUNDED 9-28-78	16. DATE T.D. REACHED 10-8-78	17. DATE COMPL. (Ready to prod.) 1-2-79	18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 7139' GR
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 8306'		
21. PLUG. BACK T.D., MD & TVD 8300'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY ROTARY TOOLS 0 - 8306'	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 5692'-5710' Cliff House 6039'-6190' Point Lookout			25. WAS DIRECTIONAL SURVEY MADE Deviation
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Induction, GR-Density, GR-Correlation			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"	30#	234'	15"	210 SXS	
7-5/8"	26.4#	4190'	9-7/8"	430 SXS	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"	4039'	8305'	410 SXS		1-1/2"	6182'	6280'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Cliff House - 5692', 5698', 5704', 5710'		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Pt. Lookout - 6039', 6044', 6067', 6072', 6078,		5692'-5710'	34,590 gals water
6083', 6105', 6111', 6120', 6125',			10,000# 20/40 sand
6130', 6139', 6145', 6151', 6185',		6039'-6190'	94,120 gals water
6190'			40,000# 20/40 sand

33. PRODUCTION

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	PRODN. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
1-16-79	3 hrs	3/4"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
77	694	→		1,896			

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

TEST WITNESSED BY  
Don Thompson

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 January 18, 1979

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

# 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 23, and 35, 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 filed 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: "Seals Cemented": 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 23 and 24 above.)

**27. SUMMARY OF POROUS ZONES:**  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING  
 TEST INTERVAL TESTED, CUSHION USED, TAME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDER

FORMATION	TOP		DESCRIPTION, CONTENTS, ETC.	BOTTOM		GEOLOGIC MARKERS		
	TOP	BOTTOM		TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Jo Alamo	1997'							
ictured Cliffs	3880'							
liff House	5642'							
oint Lookout	6032'							