

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 _____				5. LEASE DESIGNATION AND SERIAL NO. Jicarilla 101																															
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME																															
2. NAME OF OPERATOR Southland Royalty Company				7. UNIT AGREEMENT NAME																															
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico				8. FARM OR LEASE NAME Jicarilla 101																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1820' FSL & 1185' FEL At top prod. interval reported below At total depth				9. WELL NO. #1A																															
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT ✓ Basin Dakota Blanco Mesaverde																															
15. DATE SPUDDED 9-28-78 16. DATE T.D. REACHED 10-8-78 17. DATE COMPL. (Ready to prod.) 1-2-79 18. ELEVATIONS (DF, RKB RT, GR, ETC.)* 7139' GR				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 1, T26N, R4W																															
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 → 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8092'-8275' Dakota				12. COUNTY OR PARISH Rio Arriba 13. STATE New Mexico																															
25. TYPE ELECTRIC AND OTHER LOGS RUN GR-Density, GR-Induction, GR-Correlation				19. ELEV. CASINGHEAD 25. WAS DIRECTIONAL SURVEY MADE Deviation																															
26. CASING RECORD (Report all strings set in well)				27. WAS WELL CORED No																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT, LB./FT.</th> <th>DEPTH SET (MD)</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>10-3/4"</td> <td>30#</td> <td>234'</td> <td>15"</td> <td>210 SXS</td> <td></td> </tr> <tr> <td>7-5/8"</td> <td>26.4#</td> <td>4190'</td> <td>9-7/8"</td> <td>430 SXS</td> <td></td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>						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													
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																																			
SIZE 5-1/2"	TOP (MD) 4039'	BOTTOM (MD) 8305'	SACKS CEMENT* 410 SXS	SCREEN (MD)																															
30. TUBING RECORD																																			
SIZE 2-1/16"	DEPTH SET (MD) 8244'	PACKER SET (MD) 6280'																																	
31. PERFORATION RECORD (Interval, size and number) 8092', 8096', 8100', 8104', 8108', 8223', 8229', 8235', 8265', 8270', 8275'																																			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																			
DEPTH INTERVAL (MD) 8092'-8275'			AMOUNT AND KIND OF MATERIAL USED																																
			58,422 gals water																																
			40,490 gals Apollo 30 gel																																
			65,400# 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 1-9-79	HOURS TESTED 3 hrs	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 770	GAS—MCF. 770																														
FLOW. TUBING PRESS. 55	CASING PRESSURE ---	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. ---	WATER—BBL. ---																														
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 32, 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 33.

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:			38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	39.
				NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
jo Alamo	1997'			
ictured Cliffs	3880'			
liff House	5642'			
oint Lookout	6032'			
reenhorn	8000'			
raneros	8090'			
akota	8187'			