

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 <i>Southland Royalty Company</i>							
3. ADDRESS OF OPERATOR <i>P.O. Drawer 579, Farmington, New Mexico 87499-0579</i>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface <i>1020' FSL & 1610' FWL</i> At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED OCT 20 1981 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.			
15. DATE SPUN		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DE, BBL. RT, GR, ETC.)*	
<i>5-02-81</i>		<i>6-03-81</i>		<i>9-22-81</i>		<i>6039' GL</i>	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
<i>7250'</i>		<i>7197'</i>				<i>0-7250</i>	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <i>6972'-7194' (Dakota)</i>							25. WAS DIRECTIONAL SURVEY MADE <i>Deviation</i>
26. TYPE ELECTRIC AND OTHER LOGS RUN <i>IEL, GR-Density, GR-Induction and GR-CCL/CBL/VDL</i>							27. WAS WELL CORED <i>No</i>
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
<i>10-3/4"</i>		<i>32.75#</i>		<i>230'</i>		<i>12-1/4"</i>	
<i>7-5/8"</i>		<i>26.40#</i>		<i>4750'</i>		<i>9-7/8"</i>	
29. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
<i>5-1/2"</i>		<i>4438'</i>		<i>7240'</i>		<i>250 sacks</i>	
31. PERFORATION RECORD (Interval, size and number) <i>Dakota: 6972', 6983', 7039', 7052', 7057', 7071', 7077', 7123', 7167', 7184', 7189', 7194'. Total of 12 holes.</i>				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				<i>6972'-7194'</i>		<i>Frac'd with 43,760 gals 30# gelled 1% KCl water and 23,760# of 20/40 sand.</i>	
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <i>Flowing</i>				WELL STATUS (Producing or shut-in) <i>Shut-In</i>	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
<i>10-13-81</i>		<i>3</i>		<i>3/4"</i>		<i>Flowing</i>	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
<i>55</i>		<i>450</i>		<i>Flowing</i>		<i>822</i>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <i>Sold</i>						TEST WITNESSED BY <i>Leroy Castleman</i>	
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 <i>[Signature]</i>		TITLE <i>District Production Manager</i>		DATE <i>October 26, 1981</i>			

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

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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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	550'					
Fruitland	2023'					
Pictured Cliffs	2380'					
Chacra	3240'					
Cliff House	3996'					
Point Lookout	4787'					
Gallup	6134'					
Greenhorn	6848'					
Graneros	6904'					
Dakota	7035'					