

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-2355.5.

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 <u>Southland Royalty Company</u>					
3. ADDRESS OF OPERATOR <u>P. O. Drawer 570, Farmington, NM 87401</u>					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <u>900' FNL & 1120' FWL</u> At top prod. interval reported below At total depth					
14. PERMIT NO.			DATE ISSUED		
15. DATE SPUDDED <u>2-22-79</u>					
16. DATE T.D. REACHED <u>2-28-79</u>					
17. DATE COMPL. (Ready to prod.) <u>5-14-79</u>					
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* <u>5747' GR</u>					
19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD <u>4772'</u>		21. PLUG. BACK T.D., MD & TVD <u>4772'</u>		22. IF MULTIPLE COMPL., HOW MANY* <u>1</u>	
23. INTERVALS DRILLED BY <u>0 to 4772'</u>				ROTARY TOOLS <u>0 to 4772'</u>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>2155' - 2220'</u>				25. WAS DIRECTIONAL SURVEY MADE <u>Deviation</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>IES, GR-Density, GR-Induction, GR-Correlation and Cement Bond Logs</u>					27. WAS WELL CORED <u>No</u>
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
<u>9 5/8"</u>		<u>36#</u>	<u>236'</u>	<u>12 1/4"</u>	<u>150 Sacks</u>
<u>7"</u>		<u>20#</u>	<u>2457'</u>	<u>8 3/4"</u>	<u>220 Sacks</u>
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
<u>4 1/2"</u>	<u>2287'</u>	<u>4770'</u>	<u>290 SX</u>		
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
<u>1 1/4"</u>	<u>2102'</u>	<u>2303' PBR</u>			
31. PERFORATION RECORD (Interval, size and number) <u>PC - 2155', 2163', 2170', 2178', 2186', 2194', 2202', 2210', 2220'.</u>					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
<u>2155' - 2220'</u>		<u>84,210 gals water and 77,000# 20/40 sand</u>			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Flowing</u>			WELL STATUS (Producing or shut-in) <u>Shut in</u>
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
<u>5-28-79</u>	<u>3 Hrs.</u>	<u>3/4"</u>	<u>→</u>		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
<u>-0-</u>	<u>369</u>	<u>→</u>		<u>3125</u>	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <u>Sold</u>					
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 <u>[Signature]</u>		TITLE <u>District Production Manager</u>			
		DATE <u>5-30-79</u>			

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

nymoc

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	1110'					
Fruitland	1800'					
Pictured Cliffs	2145'					
Cliff House	3816'					
Pt. Lookout	4471'					

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													
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87401													
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 900' FNL & 1120' FWL At top prod. interval reported below At total depth													
14. PERMIT NO. _____ DATE ISSUED _____													
7. UNIT AGREEMENT NAME _____													
8. FARM OR LEASE NAME Reid "A"													
9. WELL NO. #2-R													
10. FIELD AND POOL OR WILDCAT Aztec Pictured Cliffs ✓ Blanco Mesa Verde													
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 13, T29N, R10W													
12. COUNTY OR PARISH San Juan													
13. STATE New Mexico													
15. DATE SPUDDED 2-22-79													
16. DATE T.D. REACHED 2-28-79													
17. DATE COMPL. (Ready to prod.) 5-14-79													
18. ELEVATIONS (DF, RESB, RT, GR, ETC.)* 5747' GR													
19. ELEV. CASINGHEAD													
20. TOTAL DEPTH, MD & TVD 4772'													
21. PLUG, BACK T.D., MD & TVD 4772'													
22. IF MULTIPLE COMPL., HOW MANY* 1													
23. INTERVALS DRILLED BY →													
ROTARY TOOLS 0 to 4772'													
CABLE TOOLS													
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3868'-4618'													
25. WAS DIRECTIONAL SURVEY MADE Deviation													
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Induction, GR-Correlation and Cement Bond 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 Cementing Record Amount Pulled													
9-5/8" 36# 236' 12-1/4" 150 sacks													
7" 20# 2457' 8-3/4" 220 sacks													
29. LINER RECORD													
Size Top (MD) Bottom (MD) Sacks Cement* Screen (MD)													
4-1/2" 2287 4770' 290 SXS													
30. TUBING RECORD													
Size Depth Set (MD) Packer Set (MD)													
2-3/8" 4545' 2303' PBR													
31. PERFORATION RECORD (Interval, size and number) MV - 3868', 3896', 3902', 3908', 3916', 3922', 3933', 4316', 4325', 4350', 4447', 4454', 4477', 4484', 4495', 4502', 4516', 4525', 4538', 4618'													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
Depth Interval (MD) Amount and Kind of Material Used													
3868' - 4618 142,758 gals wtr and 122,000# 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. Water—BBL. Gas-Oil Ratio													
5-21-79 3 hrs 3/4" →													
Flow. Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil—BBL. Gas—MCF. Water—BBL. Oil Gravity-API (Corr.)													
98 0 → 1287													
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold													
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 May 30, 1979													

*(See Instructions and Spaces for Additional Data on Reel 5, GEOLOGICAL SURVEY
EXPLANATION, N. M.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. H.

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 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: 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	1110'					
Fruitland	1800'					
Pictured Cliffs	2145'					
Cliff House	3816'					
Pt. Lookout	4471'					