

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 Jicarilla 101							
2. NAME OF OPERATOR Southland Royalty Company				9. WELL NO. 8J							
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico 87499				10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (K) 1820' FSL & 1580' FWL At top prod. interval reported below At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 12, T26N, R4W							
14. PERMIT NO. DATE ISSUED DEC 7 1984				12. COUNTY OR PARISH Rio Arriba							
13. STATE New Mexico											
15. DATE SPUDDED 8-19-84		16. DATE T.D. REACHED 8-23-84		17. DATE COMPLETED (Ready to prod.) 11-16-84		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7216' KB		19. ELEV. CASINGHEAD 7113' GL			
20. TOTAL DEPTH, MD & TVD 4065'		21. PLUG, BACK T.D., MD & TVD 4037'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		25. WAS DIRECTIONAL SURVEY MADE Deviational			
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3828'-3881'								27. WAS WELL CORED No			
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL, CDL, GR-CCL/CBL/VDL and GR-Treatment Evaluation Log											
29. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8"		24#, K-55		232'		12-1/4"		**SEE OTHER SIDE FOR CEMENT RECORD**			
2-7/8"		6.5#, N-80		4046'		6-3/4"					
30. TUBING RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		PACKER SET (MD)	
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31. PERFORATION RECORD (Interval, size and number) Pictured Cliffs - 8 Holes 3828', 3836', 3841', 3848', 3857', 3868', 3876', 3881'.						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 3828'-3881' AMOUNT AND KIND OF MATERIAL USED Fraced with 60,210 gals of fresh water and 49,000# of 20/40 sand.					
33.* PRODUCTION											
DATE FIRST PRODUCTION 12-04-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut-In			
DATE OF TEST 12-04-84		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD ---		OIL—BBL. ---		GAS—MCF. 168	
FLOW. TUBING PRESS. ---		CASING PRESSURE 105		CALCULATED 24-HOUR RATE ---		OIL—BBL. ---		GAS—MCF. 10342.1740		WATER—BBL. ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold										TEST WITNESSED BY Dwayne Horton	
35. LIST OF ATTACHMENTS FARMINGTON DISTRICT										ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										DATE DEC 10 1984	
SIGNED Catherine J. Guey		TITLE Secretary									

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

FARMINGTON RESOURCE AREA

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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.)

Item #28: 8-5/8" Casing cemented with 180 sacks (212 cu.ft.) of Class "B" with 1/4# celloflake per sack and 3% CaCl2. Plug down @ 2:00 AM 8-20-84. Circ 3 bbls cmt to surface.

2-7/8" Casing cemented with 180 sacks (306 cu.ft.) of Class "B" 50/50 Poz with 6% gel, 1/4# flocele per sack, tailed in with 110 sacks (130 cu.ft.) of Class "B" Neat with 2% CaCl2.

Plug down at 9:45 PM 8-24-84. Good circulation.

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
ESTIMATED						
Ojo Alamo	3216'					
Fruitland	3667'					
Pic. Cliffs	3825'					