

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 Southland Royalty Company						7. UNIT AGREEMENT NAME							
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico						8. FARM OR LEASE NAME Frontier "D"							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1110' FSL & 790' FWL At top prod. interval reported below At total depth						9. WELL NO. 1-E							
10. FIELD AND POOL, OR WILDCAT Basin Dakota						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 5, T27N, R11W							
14. PERMIT NO.						12. COUNTY OR PARISH San Juan	13. STATE New Mexico						
15. DATE SPURRED 3-30-81		16. DATE T.D. REACHED 4-8-81		17. DATE COMPL. (Ready to prod.) 4-13-81		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6095' GR		19. ELEV. CASINGHEAD					
20. TOTAL DEPTH, MD & TVD 6650'		21. PLUG, BACK T.D., MD & TVD 6605'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-6650		CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6452'-6531' (Dakota)								25. WAS DIRECTIONAL SURVEY MADE Deviation					
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-Density, GR-Correlation, VDL and CBL 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				
8-5/8"		24#		196'		12-1/4"		140 sacks					
4-1/2"		10.5#		6650'		7-7/8"		895 sacks (3 stages)					
29. LINER RECORD									30. TUBING RECORD				
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)		
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31. PERFORATION RECORD (Interval, size and number) 6452', 6458', 6464', 6470', 6476', 6482', 6507', 6511', 6517', 6527', 6531'. Total of 11 holes						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		
									6452'-6531'		Frac'd with 98,290 gals 30# gel water and 69,500# 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 5-7-81		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)	
				PITOT TUBE		264 MCF/D							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold										TEST WITNESSED BY Tom Wagner			
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 [Signature] TITLE Dist. Prod. Manager DATE May 15, 1981
FARMINGTON DISTRICT

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

INMOCC

BY [Signature]

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 16: 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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	795'				
Fruitland	1531'				
Pictured Cliffs	1845'				
Cliff House	3300'				
Point Lookout	4303'				
Gallup	5460'				
Graneros	6347'				
Dakota	6448'				