

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 87401						8. FARM OR LEASE NAME Frontier "C"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1820' FSL & 1980' FWL At top prod. interval reported below At total depth						9. WELL NO. 1-E	
14. PERMIT NO. _____ DATE ISSUED _____						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 16, T27N, R11W						12. COUNTY OR PARISH San Juan	
						13. STATE New Mexico	

15. DATE SPUEDED 4-21-82	16. DATE T.D. REACHED 4-30-82	17. DATE COMPL. (Ready to prod.) 5-30-82	18. ELEVATIONS (OF, RES, RT, GR, ETC.)* 6271' KB	19. ELEV. CASINGHEAD 6260' GL
20. TOTAL DEPTH, MD & TVD 6710'	21. PLUG, BACK T.D., MD & TVD 6672'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY → 0-6710	ROTARY TOOLS CABLE TOOLS ---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6524'-6648' (Dakota)				25. WAS DIRECTIONAL SURVEY MADE Deviation
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GR-D/L, IEL, GR-CBL				27. WAS WELL CORED No

CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8-5/8"	24#	224'	12-1/4"	***SEE OTHER SIDE FOR CEMENT RECORD***
4-1/2"	10.5#	6709'	7-7/8"	

LINER RECORD					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) Dakota: 6524', 6529', 6534', 6539', 6544', 6549', 6633', 6638', 6643', 6648'. Total of 10 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6524'-6648' AMOUNT AND KIND OF MATERIAL USED Frac'd with 83,100 gals gelled KCL water and 58,300# 20/40 sand.
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33. PRODUCTION							
DATE FIRST PRODUCTION 6-17-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 6-17-82	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. 32	WATER—BBL. ---	GAS-OIL RATIO ---
FLOW. TUBING PRESS. 10	CASING PRESSURE 291	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 254	WATER—BBL. ---	OIL GRAVITY-API (CORR.) ---	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold	TEST WITNESSED BY Richard Ramos
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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 R. C. Fildner TITLE District Engineer DATE June 28, 1982

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

NMOCC

JUL 22 1982
FACED
BY E. E. Baker

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	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
ESTIMATED TOPS			
Ojo Alamo	808'		
Fruitland	1720'		
Pictured Cliffs	1936'		
Chacra	2834'		
Climf House	3513'		
Point Lookout	4378'		
Gallup	5504'		
Greenhorn	6358'		
Graneros	6420'		
Dakota	6516'		
CEMENT RECORD			
		8-5/8" cemented with 146 sacks of Class "B". 1/4# gel flake & 3% CaCl ₂ . PD @ 2:15 PM. Cmt circ. 4-1/2" cemented 1st stage with 261 sxs 50/50 Poz, 6% gel, 1/4# gel flake, tail in w/50 sxs Class "B" & 2% CaCl ₂ . PD @ 3:00 PM. 2nd Stage - Could not circ. thru tool after opening. Cmtd 3rd stage w/403 sxs Class "B" 50/50 Poz, 6% gel, 1/4# gel flake, tail in w/50 sxs Class "B" cmt w/2% CaCl ₂ . PD @ 8:30 P.M. 4-30-82.	