

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 _____				5. LEASE DESIGNATION AND SERIAL NO. NM-28717	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Southland Royalty Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico 87499				8. FARM OR LEASE NAME Bixler Ranch	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1050' FSL & 800' FWL At top prod. interval reported below At total depth				9. WELL NO. 2	
14. PERMIT NO.				DATE ISSUED	
15. DATE SPUNDED 8-8-83				16. DATE T.D. REACHED 8-14-83	
17. DATE COMPL. (Ready to prod.) 2-28-84				18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 7454' KB	
19. ELEV. CASINGHEAD 7442' GL				20. TOTAL DEPTH, MD & TVD 4480'	
21. PLUG, BACK T.D., MD & TVD 4456'				22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY				ROTARY TOOLS 0-4480'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 4144'-4410' (Pictured Cliffs)				25. WAS DIRECTIONAL SURVEY MADE Deviational	
26. TYPE ELECTRIC AND OTHER LOGS RUN IEL, CDL/CNL and CBL				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well) RECORD					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8"		24#, K-55		212'	
4-1/2"		10.5#, K-55		4476'	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
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30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		4354'			
31. PERFORATION RECORD (Interval, size and number) Pictured Cliffs: 4144', 4148', 4161', 4165', 4168', 4346', 4350', 4356'. (8 holes) 4396', 4399', 4402', 4406', 4410'. (5 holes)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
4144'-4356'		Frac'd with 54,936 gals of 2% KCl water & 35,000# 20/40 sand			
4396'-4410'		Frac'd with 33,978 gals of 1% KCl slick water & 22,000# 20/40 sand.			
33. PRODUCTION					
DATE FIRST PRODUCTION 3-19-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 3-19-84		HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD ---	OIL—BBL. ---
					GAS—MCF. 89
					WATER—BBL. ---
					GAS-OIL RATIO ---
FLOW. TUBING PRESS. 50		CASING PRESSURE 116	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---	GAS—MCF. 712
					WATER—BBL. ---
					OIL GRAVITY-API (CORR.) ---
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold					TEST WITNESSED BY Mike Neiss
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>Arthur J. Grayson</i>		TITLE <i>Secretary</i>		DATE 3-23-84	

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

MOC&OIL CON. DIV.

DIST. 3

FARMINGTON RESOURCE AREA

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 165 cu. ft of Class "B" with 1/4# flocele per sack and 3% CaCl₂. Plug down at 6:30 PM 8-8-83. Cement circulated to surface.

4-1/2" Casing cemented with 261 cu.ft. of Class "B" with 2% CaCl₂. Plug down at 4:45 AM 7-15-83.

with 118 cu.ft. of Class "B" with 2% CaCl₂. Plug down at 4:45 AM 7-15-83.

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
ESTIMATED						
Ojo Alamo	3680'					
Fruitland	3800'					
Pictured Cliffs	4130'					