

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. ☐
2. NAME OF OPERATOR Southland Royalty Company						
3. ADDRESS OF OPERATOR P.O. Drawer 570, Farmington, New Mexico 87499						
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface (M) 1190' FSL & 840' FWL At top prod. interval reported below At total depth						
BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA						
14. PERMIT NO.		DATE ISSUED				
15. DATE SPUNDED 8-16-84						
16. DATE T.D. REACHED 8-22-84		17. DATE COMPL. (Ready to prod.) 9-21-84		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5749' KB		
19. ELEV. CASINGHEAD 5737' GL		20. TOTAL DEPTH, MD & TVD 4850'				
21. PLUG, BACK T.D., MD & TVD 4754'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4435'-4664' (Mesaverde)		25. WAS DIRECTIONAL SURVEY MADE Deviational		26. TYPE ELECTRIC AND OTHER LOGS RUN CDL/CNL, GR-Induction and CBL		
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)				
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		
9-5/8"		32.30#, K-55		236'		
7"		23#, K-55		2500'		
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		
12-1/4"		**SEE OTHER SIDE FOR CEMENT RECORDS**				
8-3/4"						
29. LINER RECORD						
SIZE		TOP (MD)		BOTTOM (MD)		
4-1/2"		2375'		4800'		
SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD		
*See Other Side				SIZE		
				DEPTH SET (MD)		
				PACKER SET (MD)		
				2-3/8"		
				4417'		

31. PERFORATION RECORD (Interval, size and number) Mesaverde - 17 holes 4435', 4446', 4452', 4458', 4464', 4484', 4494', 4500', 4506', 4512', 4518', 4524', 4545', 4580', 4631', 4635', 4664'.						
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4435'-4664' AMOUNT AND KIND OF MATERIAL USED Fraced with 95,300 gals water and 70,000# of 20/40 mesh sand.						
33. PRODUCTION						
DATE FIRST PRODUCTION 9-27-84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 9-27-84		HOURS TESTED 3		CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD ---	
FLOW. TUBING PRESS. 273		CASING PRESSURE 630		CALCULATED 24-HOUR RATE ---	OIL—BBL. ---	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		OIL—BBL. ---		GAS—MCF. 409		
35. LIST OF ATTACHMENTS		OIL—BBL. ---		WATER—BBL. ---		
		OIL GRAVITY-API (CORR.) ---		TEST WITNESSED BY Steve Kellenaers		

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Esther Grayson TITLE SecretaryDATE 10/01/84

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

FARMINGTON RESOURCE AREA

RV

S m m

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: 9-5/8" Csg cmtd with 120 sxs (142 cu.ft.) of Class "B" w/1/4# gel flake/sx & 3% CaCl2. PD @ 10:00 PM

8-16-84. Circ 10 bbls cmt

7" Csg cmtd with 250 sxs (398 cu.ft.) of Class "B" 50/50 Poz w/1/4# gel flake/sx & 6% gel, followed w/

50 sxs (59 cu.ft.) of Class "B" neat w/2% CaCl2. PD @ 2:45 AM 8-19-84. Cmt circ.

4-1/2" Csg cmtd with 324 sxs (489 cu.ft.) of Class "B" 50/50 Poz with 6% gel, 1/4# celloflake/sx &

37. SUMMARY OF POROUS ZONES: .5% CFR-2. PD @ 3:30 PM 8-22-84.

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						
Ojoa Alamo	430'					
Fruitland	1740'					
Pictured Cliffs	2090'					
Chacra	2890'					
Cliff House	3670'					
Point Lookout	4430'					