

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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

3. ADDRESS OF OPERATOR
P.O. Drawer 570, Farmington, New Mexico 87409

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface (P) 890' FSL & 845' FEL
 At top prod. interval reported below
 At total depth

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPEUDED 8-15-83 16. DATE T.D. REACHED 8-20-83 17. DATE COMPL. (Ready to prod.) 10-16-83 18. ELEVATIONS (DF, REB, RT, GB, ETC.)* 7116' KB 19. ELEV. CASINGHEAD 7104' GL

20. TOTAL DEPTH, MD & TVD 4115' 21. PLUG BACK T.D., MD & TVD 3982' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-4115' CABLE TOOLS ---

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 3803'-3886'
 4007'-4019', 4050'-4056' (Pictured Cliffs)

25. TYPE ELECTRIC AND OTHER LOGS RUN CDL/CNL, IEL, Cased Hole CNL, CBL 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#, K-55	229'	12-1/4"	** SEE REVERSE SIDE FOR CEMENT RECORD	---
4-1/2"	10.5#, K-55	4115'	7-7/8"	" " " "	" "

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
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30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	3885'	---

31. PERFORATION RECORD (Interval, size and number)
 Pictured Cliffs - Total of 13 holes
 3803', 3806', 3813', 3860', 3886',
 4007', 4011', 4015', 4019', 4050',
 4052', 4054', 4056'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3803'-4019'	Fracd w/36,876 gals 2% KCl wtr & 25,000# of 20/40 sand.
4050'-4056'	Fracd w/10,668 gals 2% KCl slick wtr & 7500# of 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) (SEE SUNDRY NOTICE OF 9/24/84) WELL STATUS (Producing or shut-in) SI Propose to TA

DATE OF TEST _____ HOURS TESTED _____ CHOKER 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.) _____

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY _____

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 Ester J. Gueyza TITLE Secretary DATE 10/08/84

RECEIVED
OCT 18 1984
87409 CON. DIV.
DIST. 3

5. LEASE DESIGNATION AND SERIAL NO
NM-13376
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Simms Federal
9. WELL NO.
4
10. FIELD AND POOL, OR WILDCAT
Blanco Pictured Cliffs
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 36, T30N, R4W
12. COUNTY OR PARISH
Rio Arriba
13. STATE
New Mexico

ACCEPTED FOR RECORD
OCT 16 1984

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

FARMINGTON RESOURCE AREA
BY SM

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" Csg cmtd with 165 cu.ft. of Class "B" cmt with 3% CaCl2 & 1/4# flocele. PD @ 8:45 PM 8-15-83. Cmt Circ 4-1/2" Csg cmtd with 241 cu.ft. of Class "B" 50/50 Poz with 6% gel, 1/4# flocele, tailed with 129.8 cu.ft. of Class "B" with 1/4# flocele. PD @ 10:00 AM 8-20-83. TOC @ 3100'.

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.	GEOLOGIC MARKERS	
				NAME	TOP
					MEAS. DEPTH
					TRUE VENT. DEPTH
ESTIMATED					
Ojo Alamo	3350'				
Fruitland	3450'				
Pictured Cliffs	3794'				
Total Depth	4115				