

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

3. ADDRESS OF OPERATOR

P.O. Drawer 570, Farmington, New Mexico 87499-0570

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1810' FSL & 860' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

RECEIVED

FEB 15 1982

15. DATE SPUDDED 11-17-81	16. DATE T.D. REACHED 11-25-81	17. DATE COMPL. (Ready to prod.) 1-16-82	18. ELEVATIONS (DF, RMB, RT, GR, ETC.)* 5777' GL 5788' KB	19. ELEV. CASINGHEAD 5777' GL
20. TOTAL DEPTH, MD & TVD 6705'	21. PLUG, BACK T.D., MD & TVD 6642'	22. IF MULTIPLE COMPL. HOW MANY* 2	23. INTERVALS DRILLED BY 0-6705'	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6387'-6548' (Dakota)
25. TYPE ELECTRIC AND OTHER LOGS RUN GR/FDC, IEL, GR-CBL/CCL				26. WAS DIRECTIONAL SURVEY MADE Deviation
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#	240' KB	12-1/4"	160 sacks	
5-1/2"	15.5#	6681' KB	7-7/8"	888 sacks (3 stages)	
				See Attached	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
-----	-----	-----	-----	-----	1-1/2"	3811'	3752'
					1-1/4"	2677'	

31. PERFORATION RECORD (Interval, size and number)

Dakota: Total 12 holes

6387', 6395', 6469', 6474', 6479', 6484',
6489', 6494', 6518', 6530', 6543', 6548'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6387'-6548'	Frac'd with 98,000 gals of gelled water and 73,000# 20/40 sand.

33.* PRODUCTION

DATE FIRST PRODUCTION 2/10/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 2-10-82	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. —	GAS—MCF. 39	WATER—BBL. —	GAS-OIL RATIO —
FLOW. TUBING PRESS. 204	CASING PRESSURE —	CALCULATED 24-HOUR RATE →	OIL—BBL. —	GAS—MCF. 2475	WATER—BBL. —	OIL GRAVITY-API (CORR.) —	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

Kelly Maxwell

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

C. C. Parsons

TITLE

District Prod. Manager

DATE

February 18, 1982

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

NMOCC

FARMINGTON DISTRICT

BY A. K. C.

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	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	741'						
Pictured Cliffs	1953'						
Cliff House	3544'						
Point Lookout	4267'						
Graneros	6345'						
Dakota	6471'						
Fruitland	1720'						
Gallup	5463 5553'						

Cement Record

8 $\frac{5}{8}$ " casing → 160 sk CI" B" w/ 1/4# floccle / sk, 3% CaCl₂.

5 $\frac{1}{2}$ " casing → 1st 225 sk CI" B" 50:50 Poz w/ 6% gel, 1/4# gel
flake / sk. 100 sk CI" B" w/ 2% CaCl₂.
2nd 248 sk CI" B" 50:50 Poz w/ 6% gel, 1/4# gel
flake / sk. 50 sk CI" B" w/ 2% CaCl₂.
3rd 215 sk CI" B" 50:50 Poz w/ 6% gel, 1/4#
gel + flake / sk. 50 sk CI" B" w/ 2% CaCl₂.

C.T. 1100'