

Form approved.
Budget Bureau No. 42-R355.5.

(See other instructions on reverse side)

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
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2. NAME OF OPERATOR

Southland Royalty Company

3. ADDRESS OF OPERATOR

P.O. Drawer 570, Farmington, New Mexico 87401

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

At surface 1760' FNI & 1520' FWI

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

JUL 23 1982

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPLE. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-03-82	4-13-82	6-27-82	6116' KB	6104' GL

20. TOTAL DEPTH, MD & TVD 7326'	21. PLUG, BACK T.D., MD & TVD 7285'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY 0-7326'	ROTARY TOOLS ---	CABLE TOOLS ---
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

7117'-7231' (Dakota)

Deviation

26. TYPE ELECTRIC AND OTHER LOGS RUN
IEL. GR-CDL and GR-CBL

27. WAS WELL CORED
No

28. CASING RECORD (*Report all strings set in well*)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.30#	229'	12-1/4"	**SEE OTHER SIDE FOR	
7"	23#	4866'	8-3/4"	CEMENT REPORT***	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4698'	7320'	330 sacks		2-3/8"	7205'	---

31. PERFORATION RECORD (*Interval, size and number*)

Dakota: Total of 10 holes

7117', 7125', 7142', 7147', 7199',
7205', 7211', 7217', 7223', 7231'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7117'-7231'	Frac'd with 101,700 gals versagel 1400 and 100,000# 20/40 sand.

33.*

PRODUCTION

DATE FIRST PRODUCTION 7-09-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-In	
DATE OF TEST 7-09-82	HOURS TESTED 3	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. ---	GAS—MCF. 198	WATER—BBL. ---	GAS-OIL RATIO ---
FLOW. TUBING PRESS. 126	CASING PRESSURE 598	CALCULATED 24-HOUR RATE →	OIL—BBL. ---	GAS—MCF. 1582	WATER—BBL. ---	OIL GRAVITY-API (CORR.) ---	

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

TEST WITNESSED BY

Mick Ferrari

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

TITLE Dist. Prod. Manager

DATE July 21, 1982

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

JUL 27 1996

NMOCC

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 (unillers, 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
ESTIMATED TOPS							
Ojo Alamo	1060'		#28 and #29 CEMENT REPORTS				
Fruitland	2320'		9-5/8" casing cemented with 110 sacks of Class "B" cement with 1/4# gel flake/sx and 3% CaCl ₂ . PD @ 2:30 AM 4-4-82. Cement circulated.				
Pictured Cliffs	2677'		129.84c ³				
Cliffs House	4266'		7" casing cemented 1st stage with 55 sacks 50/50 Poz with 6% gel, tailed in with 50 sacks of Class "B" with 3% CaCl ₂ . PD @ 6:00 AM 4-10-82. Good Circulation				
Point Lookout	4928'		130.4c ³				
Gallup	6263'		TOC @ 600'. Cemented 2nd stage with (700c) 470 sacks 50/50 Poz with 6% gel, tailed in with 70 sacks of Class "B" 3% CaCl ₂ . PD @ 9:15 AM 4-10-82. Good circ.				
Graneros	7030'		41.44c ³				
Dakota	7163'		4-1/2" casing cemented with 280 sacks 50/50 Poz with 6% gel, 1/4# gel flake per sack and .6% Halad 9, tailed in with (574c) 50 sacks of Class "B" with 2% CaCl ₂ . PD @ 8:30 AM 4-16-82. Good circ.				