

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
Southland Royalty

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
800' FNL, 1120' FWL Sec. 7, T-27-N, R-9-W, NMPM

5. Lease Number
SF-077874

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hanks #23

9. API Well No.
30-045-

10. Field and Pool
Basin Fritland Coal
Fulcher Kutz PC

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
☐ Notice of Intent	☐ Abandonment
☒ Subsequent Report	☐ Recompletion
☐ Final Abandonment	☐ Plugging Back
	☐ Casing Repair
	☐ Altering Casing
	☒ Other - add Fruitland Coal & commingle
	☐ Change of Plans
	☐ New Construction
	☐ Non-Routine Fracturing
	☐ Water Shut off
	☐ Conversion to Injection

13. Describe Proposed or Completed Operations

08-27-92 MOL&RU. ND WH. NU BOP. LD 1" tbgs. SDFN.

08-28-92 TIH, tag @ 2544'. TOO. Ran GR-CNL-CCL 2544-2030'. Set RBP @ 2505'. Ran GR-CBL-CCL 2500-1350'. Top @ 1370'. Lower hole @ 1430'. SDFN.

08-29-92 Isolate leaks 1200-1430', 30-581'. Set pkr @ 1063'. Squeeze w/135 sx Class "B", 2% calcium chloride. Reset pkr @ 643'. Re-pressure squeeze, bled to 400 psi. WOC.

08-30-92 Drl hard cmt 1090-1430'. Circ clean. Ran CBL-CCL 1500- surface. TOC @ 250'. SD for weekend.

09-01-92 Squeeze w/35 sx Class "B" w/2% calcium chloride. Squeeze to 1500 psi w/60' cmt left in pipe. Spot 25 sx cmt 600-280'. Set pkr @ 222'. Squeeze to 500 psi. Left approx 250' in pipe. Reset pkr @ 100'. Squeeze top holes w/66 sx Class "B" w/3% calcium chloride. Circ 4 bbl cmt out bradenhead. Release pkr. Spot cmt to surf. TOO. w/pkr. Squeeze to 500 psi. SDFN. WOC.

(cont'd on back)

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title Regulatory Affairs Date 9/14/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any: _____

NMOCD

09-02-92 WOC. Drl cmt 12-215'. Test to 700 psi. Drl cmt 411-481'. SDFN.
09-03-92 Drl cmt 481-663'. Test squeeze, bled from 700 to 200 psi/1 min.
TIH, tag @ 1283'. Drl cmt 1283-1378'. Circ clean. PT squeeze
below 222' to 900 psi, leak @ 214'. Squeeze w/30 sx Class "B"
w/2% calcium chloride. SI w/500 psi. 115' left in csg. WOC.
09-04-92 Drl cmt 83-141'. Circ clean. Test squeeze, bled from 500 to 200
psi/10 min. Set pkr @ 100'. Squeeze holes w/150 sx Class "B"
w/2% calcium chloride.
09-05-92 Drl cmt 83-339'. Test sqz. 500#. CO to PBTD. Circ w/2% KCl wtr.
09-06-92 Spot acid 2500-2404'. Perf lower Frt Coal 2478-82', 2486-96 w/4
spf. Set pkr @ 1564'. Frac w/48,700# 20/40 sand and foam. WO gel
to break. Flow to pit. SD for weekend.
09-08-92 TIH, tag fill @ 2462'. Spot acid 2402-2306'. Perf upper Frt Coal
2372-88', 2392-94', 2398-2400' w/4 spf. Set pkr @ 1572'. Frac
w/50,220# 20/40 sand and foam. WO gel to break. Flow to pit.
09-09/10 Blow to pit.
09-11-92 Ran 82 jts 2 3/8", 4.7#, J-55 8rd tbg landed @ 2509'. SN @
2476'. ND BOP. NU WH. Ran after frac log. Released rig.