

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

NOV 18 AM 11:25

1. Type of Well  
GAS

2. Name of Operator  
SOUTHLAND ROYALTY COMPANY

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

4. Location of Well, Footage, Sec., T, R, M  
2055'fml, 405'fel, Sec.34, T-31-N, R-8-W, NMPM

5. Lease Number  
SE-079037

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Hale #4

9. API Well No.  
30-045-10119

10. Field and Pool  
Blanco MV/Basin DK

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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

10-18-94 MIRU. ND WH. NU BOP. POOH w/2 3/8" tbg. Tag cmt @ 7203'. Drill cmt to retainer @ 7219'. Drilling retainer.  
10-19-94 Drill cmt retainer @ 7219'. Drill cmt to 7479'.  
10-20-94 Drilling permanent pkr. Milling.  
10-21-94 Milling. Drilling cmt @ 7500-7645'.  
10-22-94 Drill cmt to 7720'. Fell out of cmt @ 7720'. CO to 7744'. Blow well. Spot 26 bbl 2% KCl wtr on bottom. Ran CBL-CCL-GR @ 0-7590'. Gas cut, no data.  
10-23-94 TIH w/4 1/2" retrievable pkr, set @ 7445'. Swab. TOH w/retrievable pkr. TIH w/4 1/2" FB pkr, set @ 7267'. Spot 25 sx Class "B" neat to within 7 bbl pkr. Sqz perfs to 3100 psi in stages. Clear pkr by 3 bbl. SI.  
10-24-94 WOC. Pkr would not release. TIH w/1 7/16" free point. Chemical cut tbg @ 6819'. RD. TOH w/ tbg. Top of fish @ 6819'.  
10-25-94 TIH w/mechanical cutting tool. Cut tbg @ 6917'. TOH. Mechanical cut tbg @ 7072'. TOH. Tbg did not come out. TIH. Mechanical cut tbg @ 7196'.  
10-26-94 TIH w/mechanical cutter. TOH w/cutter. Washover to top of pkr @ 7267'.  
10-27-94 Circ hole clean to pkr @ 7267'. TIH w/mechanical cutter.  
10-28-94 Cut tbg @ 7257'. Circ hole clean. TOH. Fishing.

Continued on back

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

Signed [Signature] Title Regulatory Affairs Date 11/14/94

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

NOV 21 1994

FARMINGTON DISTRICT OFFICE

W

10-29-94 Fishing & milling.  
10-30-94 Recovered fish. Drill cmt @ 7267-7375'.  
10-31-94 Drill cmt @ 7375-7700'. CO to PBTD @ 7745'. Blow well.  
11-1-94 Blow well & CO.  
11-2-94 Blow well & CO. PT @ 5600', 7250', and 7720'. Tests failed. TIH w/4 1/2" CIBP, set @ 7739'. Ran CBL-GR-CCL @ 6000-7739'. TOC @ 6550'. RD. TIH w/4 1/2" pkr, PT @ 7250' to 750 psi. Same leak.  
11-3-94 Chg out bad tbg. TIH w/new pkr to CIBP @ 7739'. Set pkr @ 7300'. PT pkr to 800 psi. PT 2 3/8" tbg to 2000 psi, OK.  
11-4-94 PT to 7100 psi, OK. Chg rams. CO. TIH w/pressure gauges & RBP.  
11-5-94 TIH w/RBP w/pressure gauge, set @ 7727'. Set pkr @ 7695'. Perf Encinal Canyon @ 7715-7723' w/4 SPF. Release pkr. TIH w/pkr, set @ 7435'. SI for 24 hour build up.  
11-6-94 SI for pressure build up. TIH w/swabbing equipment. Swabbing.  
11-7-94 Frac Encinal Canyon w/150,000# 20/40 Arizona sd, 58,716 gal 30# x-link fluid. SI for gel break. Release pkr, TOOH.  
11-8-94 CO to RBP @ 7727'. Blow well.  
11-9-94 Blow well & CO.  
11-10-94 TIH, latch & release RBP. TOH w/RBP. CO to PBTD @ 7739'.  
11-11-94 TIH w/246 jts 2 3/8" 4.7# J-55 EUE 8RD tbg, landed @ 7711'. Set 2 3/8" by 4 1/2" Model R-3 pkr @ 5514'. ND BOP. NU WH. Swabbing.  
11-12-94 Swabbing. RD. Rig released.