

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator SOUTHLAND ROYALTY COMPANY</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 2500' FNL, 1720' FWL, Sec.22, T-30-N, R-12-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-20073</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name Flora Vista</p> <p>8. Well No. 1</p> <p>9. Pool Name or Wildcat Basin Dakota</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input 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**

It is intended to repair the casing in the subject well according to the attached procedure and wellbore diagram.

RECEIVED
DEC 12 1995
OIL CON. DIV.
DIST. 3

SIGNATURE *[Signature]* (LWD2) Regulatory Administrator December 11, 1995

(This space for State Use)

Approved By *[Signature]* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date DEC 12 1995

WORKOVER PROCEDURE -- CASING REPAIR

FLORA VISTA #1
Dakota - DP # 20865
NW/4 Sec. 22, T30N, R12W
San Juan Co., New Mexico

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location.
2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. Install a 400 bbl frac tank and an atmospheric blow tank. NU blooie line to blow pit, and relief line to atmospheric tank. Fill frac tank with 2% KCl water.
3. Blow down tubing (199 jts. of 2 3/8", 4.7#, EUE set at 6210') to atmospheric tank. Control well with 2% KCl water as needed. ND wellhead and NU BOP's. Test and record operation of BOP's. Send wellhead to A-1 Machine or WSI for inspection.
4. PU on 2 3/8" production tubing, release Baker Model G packer at 6177', and strap out of hole. Visually inspect production tubing on trip out, and replace all bad joints of pipe. Note any buildup of scale, and notify Operations Engineer. Send packer to Baker for re-dress.
5. RU wireline unit. Run gauge ring (4 1/2", 11.6 ppf) to PBTD of 6425'. Wireline set 4 1/2" RBP at 6100'. PU 4 1/2" retrievable packer and TIH to 3000'. Pressure test RBP and casing to 1000 psig. Isolate casing failure. Dump 1 sx of sand on top of RBP. Set packer 200' above casing failure. (Contact Operations Engineer for design of squeeze cement.)
6. Establish injection rate into casing failure with bradenhead valve open. If circulation is established to surface, circulate hole clean. Mix and pump cement at high rate with turbulent flow behind pipe. Close bradenhead valve and squeeze cement into casing failure. (Max squeeze pressure 1000 psi.) Hold squeeze pressure and WOC 12 hours (overnight).
7. Release packer and POOH. TIH with 3 7/8" bit and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
8. TIH with retrieving tool and retrieve RBP. POOH and LD RBP. TIH with 3 7/8" bit, casing scraper, and clean out to PBTD (7253') with air. Blow well and gauge production. POOH.
9. TIH with production tubing (seating nipple with pump-out plug one joint off bottom). Do not re-run packer. Land tubing at 6410'.
10. ND BOP's and NU wellhead. Pump plug from tubing and obtain final gauge. Release rig.

Recommend: _____
Operations Engineer

Approve: _____
Drilling Superintendent

Contacts:	Cement	Halliburton	325-3575
	Wireline	Schlumberger	325-5006
	Operations Engineer	Larry Dillon	326-9714

Flora Vista # 1

CURRENT - 4/24/95

Basin Dakota
DPNO: 20865

2500' FNL, 1720' FWL
Section 22, T-30-N, R-12-W
San Juan County, NM

Spud: 05-19-67

Completed : 06-07-67

