

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

**Sundry Notices and Reports on Wells**

<p>1. <b>Type of Well</b> GAS</p> <hr/> <p>2. <b>Name of Operator</b> SOUTHLAND ROYALTY COMPANY</p> <hr/> <p>3. <b>Address &amp; Phone No. of Operator</b> PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b> 970' FSL, 1450' FWL, Sec. 14, T-32-N, R-11-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-23049</p> <p>5. <b>Lease Number</b> Fee</p> <p>6. <b>State Oil &amp; Gas Lease #</b></p> <p>7. <b>Lease Name/Unit Name</b> Maddox Waller</p> <p>8. <b>Well No.</b> 2</p> <p>9. <b>Pool Name or Wildcat</b> Blanco Pictured Cliffs</p> <p>10. <b>Elevation:</b> 6298 GR</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"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Bradenhead repair

**13. Describe Proposed or Completed Operations**

It is intended to repair the bradenhead of the subject well according to the attached procedure and wellbore diagram.

**RECEIVED**  
MAR 15 1995  
**OIL CON. DIV.**  
DIST. 3

SIGNATURE *Johnny Robinson* (LWD#) Regulatory Affairs March 13, 1995

(This space for State Use)  
Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date MAR 15 1995

\* Notify in time to witness

## WORKOVER PROCEDURE - BRADENHEAD REPAIR

MADDOX WALLER # 2  
Pictured Cliffs  
SW/4 Sec. 14, T32N, R10W  
San Juan Co., New Mexico  
DPNO 46180

1. Comply to all NMOCD, BLM, and MOI regulations. Conduct daily safety meetings for all personnel on location.
2. Test location rig anchors and repair if necessary. Prepare blow pit. MOL and RU daylight pulling unit. NU blooie line to blow pit.
3. Blow well down. Control well with 1% KCl water as needed. NU Bowen BOP's (Call district tools at 326-9853). Test and record operation of BOP's.
4. Set sand plug with 7 sx. (Top of plug at 2895'.) Test casing to 1000 psig.
5. Run cement bond log (with 1000 psig pressure). TOC is estimated at 1850' per temperature survey. Contact Operations Engineer for design of squeeze cement.
6. Perforate 2 squeeze holes 20' above TOC. Establish rate down casing and into perforations with bradenhead valve open. Max pressure 1000 psig.
7. Mix and pump cement slurry. (If cement circulates to surface, go to tail slurry.) During displacement, close bradenhead valve and squeeze 2 to 5 bbl of cement into perforations. WOC 12 hours (overnite).
8. TIH with 2 3/8" bit and 1 1/4" workstring (slimhole drillpipe), and drill out cement. Pressure test casing to 1000 psig. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
9. TIH with 2 3/8" bit and CO to PBTD (3105') with air. Blow well clean and gauge production. POOH and LD workstring.
10. ND BOP's and NU wellhead. Obtain final gauge.
11. Release rig.

Recommend: \_\_\_\_\_  
Operations Engineer

Approve:  \_\_\_\_\_  
Drilling Superintendent

<b>Contacts:</b>	Cement	Halliburton	325-3575
	Downhole Tools	Baker	325-0216
	Wireline	Blue Jet	325-5584
	Operations Engineer	Larry Dillon	326-9714

# PERTINENT DATA SHEET

3/9/95

<b>WELLNAME:</b> Maddox Waller #2	<b>DP NUMBER:</b> 46180																										
<b>WELL TYPE:</b> Blanco Pictured Cliffs	<b>ELEVATION:</b> GL: 6298' KB: 6311'																										
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# Maddox Waller #2

CURRENT -- 3-2-95

Blanco Pictured Cliffs  
DPNO: 46180

970' FSL, 1450' FWL,  
Section 14, T-32-N, R-11-W, San Juan County, NM

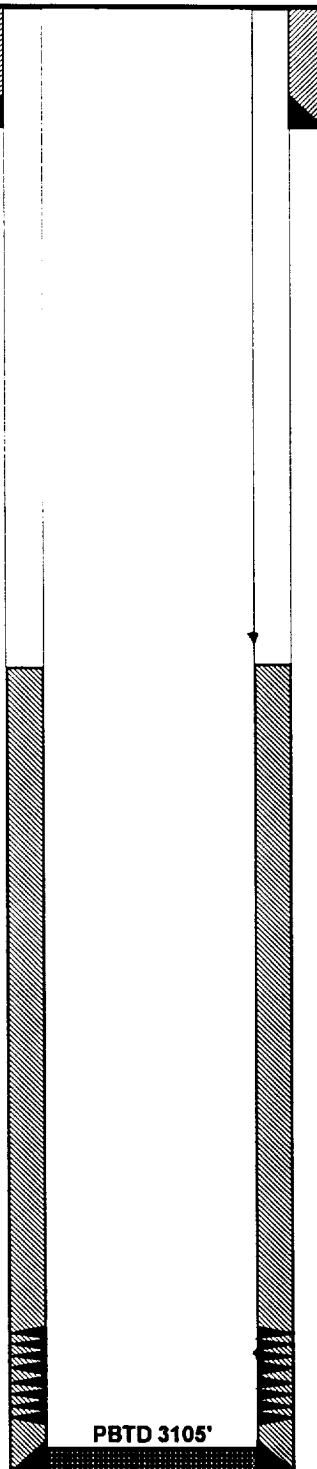
Spud: 7-25-78

Completed : 11-15-78

Ojo Alamo @1276'

Fruitland @ 2534'

Pictured Cliffs @ 3043'



8 5/8", 36#, K55 Surface Csg. set @  
200'. Circ. 140 sx cmt.

TOC @ 1850' (TS)

8 holes - 3048' 3054', 3060', 3066',  
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