

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

**BURLINGTON  
RESOURCES**

OIL & GAS 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

1145' FSL, 955' FEL, Sec. 30, T-29-N, R-9-W, NMPM

5. Lease Number  
NMSF080781

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Cain #21

9. API Well No.  
30-045-21800

10. Field and Pool  
Aztec Pictured Cliffs

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 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 -	

13. Describe Proposed or Completed Operations

It is intended to add pay to the Pictured Cliffs formation and repair the bradenhead in the subject well according to the attached procedure and wellbore diagram.

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

Signed Peggy Calk Title Regulatory Supervisor Date 8/26/02  
TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Joe Hewitt Title ACTING Date AUG 30

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Cain #21 Sundry Notice**

**1145' S, 955' E**

**P - 30 - 29N - 09W**

**San Juan County, NM**

1. Run CBL.
2. Pressure test casing to 4500#.
3. Selectively add perforations within the Pictured Cliffs formation.
4. Fracture stimulate the Pictured Cliffs formation.
5. Set composite bridge plug 50' above top PC perforation.
6. Perforate 2 squeeze holes according to CBL (step 1) to remediate bradenhead failure.
7. Establish circulation. Cement annular volume, circulating Class B neat with 2%  $\text{CaCl}_2$  cement to surface. Cement required dependent on CBL (step 1).
8. Drill out cement and composite bridge plug. Clean out well and return to production.

# Cain #21

Section 30P, T-29-N, R-09-W  
San Juan County, New Mexico  
Aztec PC Field  
Lat 36° 41.53', Long 107° 48.92'  
GL: 5606' KB: 5714'

## CURRENT

## PROPOSED

8-5/8" csg set @ 138'  
Cmt'd w/90 sx  
Circ to surface

Sqz holes perfed at xxxx'  
Sqz'd with xx sxs Class B  
neat cement w/ 2% CaCl<sub>2</sub>

Top of Ojo @ 1070'

Top of PC @ 2063'

2-7/8", 6.4#, J-55 csg  
Set at 1876'  
Cmt w/150 sx

TOC @ 1070' T.S.

Pictured Cliffs perfed at  
2076', 2083', 2093',  
2098', 2106'  
Water frac'd w/ 60,500 gal  
water, 56,400# 20/40 sd.

Pictured Cliffs: add  
perforations and  
fracture stimulate with  
95Q ClearFrac and  
20,000# 12/20 sand

PBTD @ 2197'

TD @ 2237'

