

submitted in lieu of Form 3160-5

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) 326-8700

4. Location of Well, Footage, Sec., T, R, M  
1550' FNL, 1650' FEL, Sec. 29, T-31-N, R-10-W, NMPM

5. Lease Number  
NM-0606

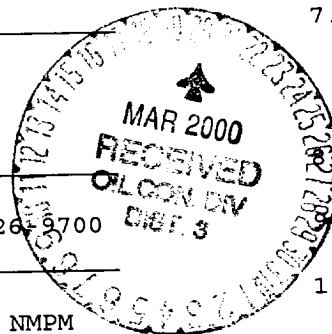
6. If Indian, All. or Tribe Name

7. Unit Agreement Name

Well Name & Number  
Atlantic A #21  
API Well No.  
30-045-23158

10. Field and Pool  
Blanco Pict'd Cliffs

11. County and State  
San Juan Co, NM



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

Type of Submission

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☒ Casing Repair  
☐ Altering Casing  
☐ Other -

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut off  
☐ 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.

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

Signed Reggie Cole Title Regulatory Administrator Date 3/7/00  
TLW

(This space for Federal or State Office use)  
APPROVED BY Is/ Charlie Beecham Title \_\_\_\_\_ Date MAR 17 2000

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.

**Atlantic A #21**  
**Pictured Cliffs**  
**1550' FNL, 1650' FEL**  
**Unit G, Section 29, T-31-N, R-10-W**  
**Latitude / Longitude: 36° 52.34622' / 107° 54.10764'**  
**DPNO: 4481201**

**Summary/Recommendation:**

The Atlantic A #21 was drilled in 1979 and slimhole completed in the Pictured Cliffs formation. Atlantic A #21 currently produces 46 Mcf/d (3 month average) and has a cumulative production of 540 MMcf. In January 2000, a casing failure was discovered during the preparation to restimulate the well. Water also flows out the bradenhead. Attempts were not made to repair the casing at that time. The PC team has successfully repaired the casing on similar failures in the past using a similar procedure as outlined below. Once the casing leak is isolated, the casing will be backed off and new casing will be tied back on.

1. Hold safety meeting. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. **Notify BROG Regulatory (Peggy Bradfield 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.**
2. Haul to location a 2850', 1-1/4" workstring. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. PU and TIH with 2-7/8" RBP and 1-1/4" workstring. Set RBP at ~2586'. Spot 10' of sand on top of BP. TOO H.
4. PU 1 jt. 2-7/8" tubing and screw into casing. MIRU wireline specialties. Freepoint 2-7/8" casing.
5. PU 2-7/8" packer. TIH with 2-7/8" packer on 1-1/4" tubing. Set packer above bridge plug and test to 3700 psi. Release packer. PUH, and set packer at lowest 100% freepoint in casing. Pressure test casing to 3700 psi below and above packer. If casing leak is below packer, contact Operations Engineer for squeeze procedure. Release packer and TOO H. If leak is above packer, continue with step 6.
6. RIH with stringshot. Back off casing at lowest joint 100% free. RDMO wireline specialties.
7. Circulate hole clean. TOO H and lay down old 2-7/8" casing.
8. PU and TIH with new 2-7/8" casing. Screw in to existing casing.
9. Pressure test casing to 3700 psi for 15 minutes. (If casing can not be screwed into or fails pressure test to 3700 psi on first attempt, contact Drilling Superintendent and Operations Engineer to discuss procedure to run a Bowen casing patch.)
10. TIH with 1-1/4" tubing. Clean out to top of RBP. Latch on to 2-7/8" RBP and TOO H. Lay down RBP. TIH and CO to PBTD (2820'). TOO H and LD 1-1/4" workstring.
11. RDMO and return well to production.

Recommended: J. L. Dobson  
Operations Engineer

Approved: Bruce D. Boyer 2-14-00  
Drilling Superintendent

Operations Engineer:

Jennifer L. Dobson      Office - (599-4026)      Home - (564-3244)      Pager - (324-2461)

JLD/klg