

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

990' FNL, 990' FEL, Sec. 29, T-27-N, R-9-W, NMPM

5. Lease Number

SP-077100 NM-03465

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

A D Hudson #1

9. API Well No.

30-045-06288

10. Field and Pool

Basin Fruitland Coal

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

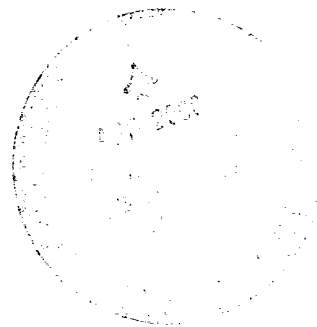
☐ Non-Routine Fracturing

☐ 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. Please provide surface stipulations.



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

Signed Nancy Altman for (JM) Title Regulatory Supervisor Date 3/30/00  
no

(This space for Federal or State Office use)

APPROVED BY /s/ Charla Beechem Title \_\_\_\_\_ Date APR 25 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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

44000

**Hudson A D #1**  
**Basin Fruitland Coal**  
**Unit A, Sec. 29, T-27-N, R-9-W**  
**Latitude / Longitude: 36° 33.0186' / 107° 48.3288'**  
**Casing Repair Procedure 3/27/00**

**Project Justification:** The Hudson A D #1 was originally drilled and open-hole completed in the Pictured Cliffs in 1950. In 1990, the Pictured cliffs formation was plugged back and the well was recompleted in the Fruitland Coal. In May 1999 the production rate fell from approximately 100 MCFD to 0 MCFD abruptly. The well has been completely logged off since and all attempts to bring it back have failed. A casing failure is suspected for the loss of production.

The Area 2 production team recommends POOH with the tubing. TIH with tubing and packer (set above the top perforation) and swabbing the well to kick it off. If the well kicks off proceed with a casing repair. If well does not kick off contact Production Engineering for abandonment procedure. The expected uplift from this casing repair is 100 MCFD.

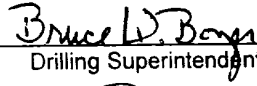
**NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 10'.**

1. Hold safety meeting. Comply with all NMOC, 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. 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. 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. The tubing is 2-3/8", 4.7#, J-55 set at 2068' (65 jts). Broach tubing and set tubing plug in the seating nipple at 2035'. Fill tubing with half of its volume of 2% KCL to insure the tubing plug will be held in place. Release donut, pick up additional joints of tubing and tag bottom, recording the depth. CIBP should be at 2114'. TOOH and stand back 2-3/8" tubing. Visually inspect tubing for corrosion, and replace any bad joints. Inspect tubing, if scale is present notify Operations Engineer and Drilling Superintendent.
4. TIH with 4-3/4" bit and bit sub on 2-3/8" tubing cleaning out to CIBP with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** Again, if scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.
5. TIH 5-1/2" retrievable packer on 2-3/8" tubing. Set packer at 1944' (50' above top perforation). Begin swabbing well. Estimate flow rates with a pitot gauge between swab runs and record rate. If the well kicks off, then TOOH and proceed with casing repair (Step 6). If swabbing does not kick well off Contact Operations Engineer for P&A procedure. Note: It may take 2 to 3 days of swabbing to kick well off.
6. RIH with a RBP and a packer. Set the RBP at 1944' and load the hole. Set the packer immediately above the RBP and pressure test the RBP to 1000 psi. Utilize the RBP and packer to isolate the casing leaks. Establish a pump-in rate and pressure. Contact the Operations Engineer for a squeeze procedure. Notify regulatory agency prior to pumping cement. Spot sand on the RPB and squeeze according to agreed design. WOC, drill out and pressure test to 750 psi. Resqueeze as necessary.
7. Once casing integrity is established retrieve RBP. TIH with expendable check and seating nipple on bottom, and 1/2 of the 2-3/8" production tubing. Run a broach on sandline to ensure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBD with air/mist.
8. PU above the top FRC perforation at 1994' and flow the well naturally, making short trips for clean up when necessary.
9. Land tubing at 2088'. Obtain pitot gauge from casing and report this gauge. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. If well will not flow on its own, make swab run to SN, RD and MOL. Return well to production.

Recommended: 

Operations Engineer

03/30/00

Approved: 

Drilling Superintendent

**Operations Engineer:** Joe Michetti Office: 326-9764  
Pager: 564-7187

Sundry Required: YES / NO

Approved: 

Regulatory Approval