

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

1750' FNL, 1480' FWL, Sec.11, T-31-N, R-10-W, NMPM

F

5. Lease Number  
SF-078389A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit

8. Well Name & Number  
San Juan 32-9 U #21A

9. API Well No.  
30-045-22902

10. Field and Pool  
Blanco Mesaverde

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

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ 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 24 1997  
OIL CON. DIST.  
DIST. 3

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

Signed Peggy S. [Signature] (VGW5) Title Regulatory Administrator Date 3/14/97

(This space for Federal or State Office use)

APPROVED BY [Signature] Title [Signature] Date MAR 20 1997

CONDITION OF APPROVAL, if any:

## WORKOVER PROCEDURE - BRADENHEAD REPAIR

San Juan 32-9 Unit #21A  
Blanco Mesaverde  
Sec. 11, T31N, R10W  
San Juan Co., New Mexico  
DPNO: 69863

1. *Comply to all NMOCD, BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. 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 the approval in Dims/Wims. As much time as possible to the pump time is needed for the Agency to be able to show up for the cement job.*
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 1% KCl water.
3. RU wireline unit and check for plunger lift equipment and other obstructions in tubing. Blow down tubing (174 jts. 2 3/8", 4.7#, J55 and 8 jts. 2 1/16", 3.25#, JCW55 set @ 5630') to atmospheric tank. Control well with 1% 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. TIH and tag bottom. Record depth and TOOH. Visually inspect tubing (on trip) and replace joints that are in bad condition. Note any buildup of scale, and notify Operations Engineer. LD 2 1/16" tubing and swedge.
5. PU 3 7/8" bit and casing scraper and CO to top of 3 1/2" liner, 5440'. POOH. PU 4 1/2" RBP and TIH. Set RBP @ 4400'. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TOOH with tubing.
6. RU wireline unit. Run CBL and establish TOC behind 4 1/2" casing. Estimated TOC is 2850' per temperature survey.
7. Freepoint 4 1/2" casing and back off 1 jt. above TOC. RU casing crew and LD 4 1/2" casing.
8. PU 6 1/4" bit and casing scraper and CO to top of freepointed 4 1/2" casing. POOH. PU 7" RBP and TIH. Set RBP 100' above freepointed 4 1/2" casing. Pressure test casing to 1000 psig. Spot one sack of sand on top of RBP. TOOH with tubing.
9. RU wireline unit. Run CBL and establish TOC behind 7" casing. Estimated TOC is 1450' per temperature survey. Contact Operations Engineer for design of squeeze cement.
10. Perforate 2-4 squeeze holes 20' above TOC. TIH with 7" fullbore packer and set 150' above perforations. Pressure up casing/tubing annulus to 500 psig. Establish rate into perforations with bradenhead valve open. (Max pressure 1000 psig).
11. Mix and pump cement. Displace cement to packer. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnite).
12. TOH with packer. TIH with 6 1/4" bit and drill out cement. Pressure test casing to 1000 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
13. TIH with retrieving tool and retrieve RBP from 7" casing. POOH and LD RBP.
14. A. If casing collar left in hole, TIH with retrieving head and retrieve 4 1/2" RBP.  
B. If pin is left in hole, run swedge and bell top of 4 1/2" stub. TOH. TIH with retrieving head and retrieve 4 1/2" RBP.

15. TIH with notched collar on 2 1/16" tubing and CO to PBTD with air. Blow well clean and gauge production.  
∴ POOH.
16. RIH open ended with 2 3/8" and 2 1/16" production tubing (seating nipple with pump-out plug one joint off bottom). Rabbit tubing in derrick before running in hole. Land tubing at 5630'.
17. ND BOP's and NU wellhead. Pump plug from tubing. Obtain final gauge. Release rig.

Recommend:

Gaye White  
Operations Engineer

Approve:

W.S. J. E 3/11  
Drilling Superintendent

Contacts:      Operations Engineer

Gaye White

326-9875

# San Juan 32-9 Unit #21A

CURRENT -- 2/20/97

Spud: 4-24-78

Completed: 11-7-78

Elevation: 6153' (GL)

6164' (KB)

Logs: Gamma Ind, CDL-GR, Noise Log, Bond Log, TS

Workover(s):

1/80: Pull tubing and CO to TD (5678'). PU 3 1/2" Liner and set @ 5440' -- 5677'. Perforate from 5486' -- 5666'. PU 2 3/8" & 2 1/16" tubing and land @ 5630'

Blanco Mesaverde -- DPNO 69863

1750' FNL, 1480' FWL,  
Section 11, T-31-N, R-10-W, San Juan County, NM  
Latitude/Longitude: Unable to Locate

Ojo Alamo @ 1416'  
Kirtland @ 1464'

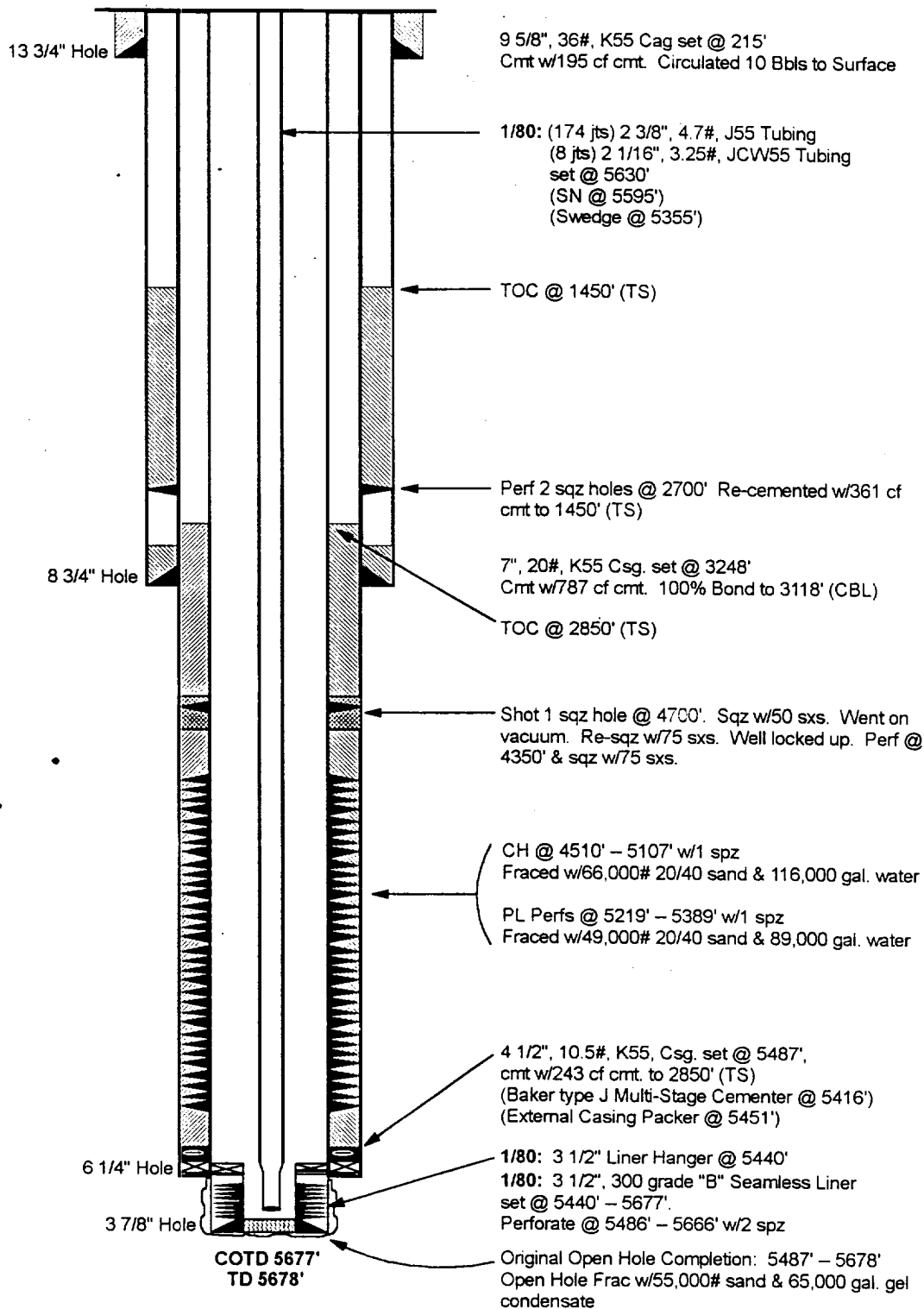
Fruitland @ 2618'

Pictured Cliffs @ 2958'

Cliff House @ 4502'

Massive Cliff House @ 4794'  
Menefee @ 4880'

Point Lookout @ 5211'



## CASING PRESSURES

Initial SICP: (11/78): 582 psi  
Current SICP (5/93): 384 psi

## PRODUCTION HISTORY

Gas Cum: 3.2 Bcf  
Current (12/96) 662 Mcf/d  
Oil Cum: 60.9 MBo  
Current (12/96) 8.5 Bo/d

## INTEREST

GW: 42.50%  
NRI: 32.86%  
SJBT: 0.42%

## PIPELINE

EPNG