

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

1040' FSL, 990' FEL, Sec. 11, T-28-N, R-10-W, NMPM

5. Lease Number  
NMSF080724A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Zachry #5

9. API Well No.  
30-045-60308

10. Field and Pool  
Aztec Pict'd Cliffs/  
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

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 on the subject well according to the attached procedure and wellbore diagram.

CTP0225649982

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

Signed Reggie Cole Title Regulatory Supervisor Date 10/2/02

TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato

Title

Date

OCT 15 2002

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.

**NMOCD**

**Zachry #5**  
Pictured Cliffs / Fruitland Coal  
1040' FSL & 990' FEL  
Unit P, Sec. 11, T28N, R10W  
Latitude / Longitude: 36° 40.34' / -107° 51.52'  
San Juan County, New Mexico  
AIN: 3211301 PC / 3211302 FC  
**9/25/2002 Bradenhead Repair Procedure**

**Summary/Recommendation:**

The Zachry #5 was originally drilled in 1955 and was open-hole completed with oil and sand in the Pictured Cliffs formation. In 06/1994, pay in the Fruitland Coal formation was added. A bradenhead test performed 08/29/2002 showed flow from the bradenhead. The Aztec NMOCD office has demanded remedial action be completed by 12/15/2002. The Operations Engineer recommends a CIBP be set over the Fruitland Coal formation, the cause of bradenhead pressure be identified, corrected and place the well back on production.

1. Comply with all BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. **Notify BROG Regulatory (Peggy Cole 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.** 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. 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. The 2-3/8", 4.70#, J-55 tubing is set at 1906'. PU additional 2-3/8" tubing and tag bottom (record depth). TOOH with 2-3/8", 4.70#, J-55 tubing.
4. RIH with 5-1/2" CIBP on 2-3/8" tubing. Set CIBP at 1678' (top perf is @ 1728'). TOOH. Fill casing with 2% KCl water. Pressure test casing to 500 psi. Bleed off pressure. If pressure test fails, isolate leak with packer. Contact Drilling Manager and Operations Engineer for squeeze design.
5. Perforate 3 bi-wire squeeze holes at 980'. Set a 5-1/2" wireline cement retainer at 830'. TIH with tubing and sting into retainer. Pressure up casing/tubing annulus to 500 psig. Establish rate into perforations with bradenhead valve open. (Max pressure 1000 psig). Mix 500 sxs, and begin pumping. Circulate to surface. Close bradenhead valve and squeeze cement into perforations. Maintain squeeze pressure and WOC 12 hours (overnight). TOOH.
6. TIH with 4-3/4" bit and drill out cement retainer and cement. Pressure test casing to 500 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
7. TIH with 4-3/4" bit and mill on 2-3/8" tubing to CIBP. Mill out CIBP with air/mist and chase plug to bottom. Clean out to TD (1933') with air/mist. TOOH. **NOTE: When using air/mist, minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm.**
8. TIH w/ 2-3/8", 4.70#, J-55 production string with an expendable check on bottom, seating nipple, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Land tubing at approximately 1906'.
9. ND BOP and NU WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. **If well will not flow on its own, make swab run to seating nipple.** During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. RD and MOL. Return well to production.

Recommended: \_\_\_\_\_  
Operations Engineer

Approved: Bruce W. Bony 10-2-02  
Drilling Superintendent

Jay Paul McWilliams: Office: 324-6146  
Cell: 320-2586

Sundry Required:

YES NO

Approved: \_\_\_\_\_

Regulatory

Production Foreman  
Specialist:  
Lease Operator:

Steve Florez 326-9560 (Office)  
Terry Nelson 320-2503 (Cell)  
Richard McKenzie 320-2534 (Cell)

326-8199 (Pager)  
326-8473 (Pager)  
326-8359 (Pager)

JPM/plh

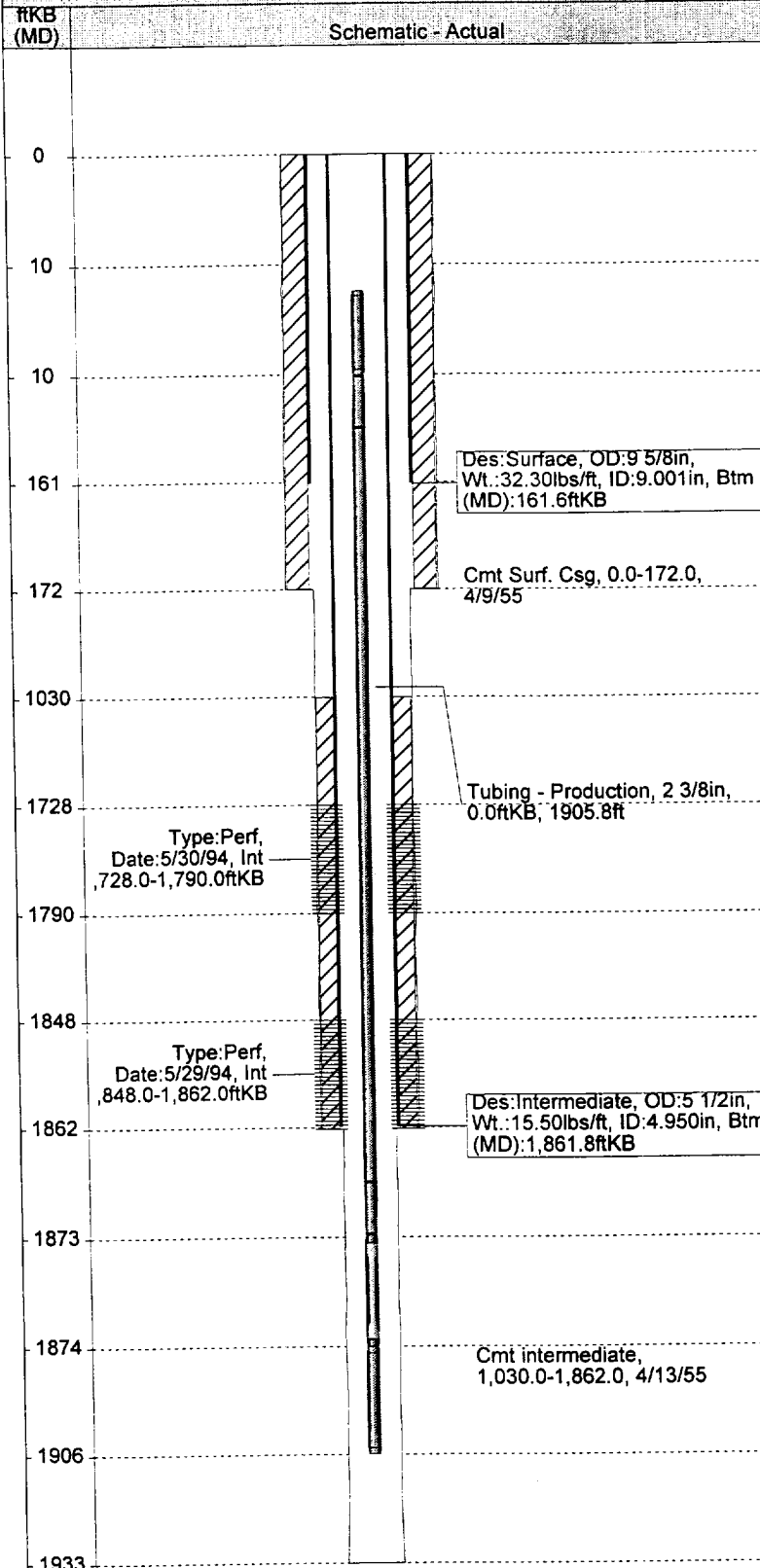
# ZACHRY 5

## WellView - Schematic

Asset ID Number	3211300	API Number	3004560308	Operator	BURLINGTON RESOURCES O&G CO LP	County	SAN JUAN	State	NM
KB Elev (ft)	5667.00	Ground Elev (ft)	5655.00	Plug Back	Total Depth (ftKB)	RigKB-Ground Distance (ft)			
Spud Date	4/9/55	Location	Sect: 011, Twp: 028N, Rg: 010W, Poly: P, NMPPM			NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
						990.0	FEL	1040.0	FSL
								Lat/Long Datum	Latitude (DMS)
									36° 40' 20.568" N

### Schematic

Main Hole: 6/4/94



### Group List

Wellbore: Main Hole						
SZ (in)		Top (ftKB)		Btm (ftKB)		
13 3/4		0.0		172.0		
8 3/4		172.0		1,862.0		
4 3/4		1,862.0		1,933.0		
Casing Strings: Surface, 161.6						
Item Desc		OD (in)	WT (lbs/ft)	ID (in)	Top (ftKB)	Len (ft)
Casing Joints		9 5/8	32.30	9.001	0.0	161.57
Casing Strings: Intermediate, 1,861.8						
Item Desc		OD (in)	WT (lbs/ft)	ID (in)	Top (ftKB)	Len (ft)
Casing Joints		5 1/2	15.50	4.950	0.0	1861.75
Surface, casing, 4/9/55 00:00						
Cement Stage						
Des		Comment			Top (ftKB)	
Cmt Surf. Csg		150sx Bulk cmt.			0.0	
Intermediate, casing, 4/13/55 00:00						
Cement Stage						
Des		Comment			Top (ftKB)	
Cmt intermediate		200 sx 50-50 Pozmix. Ran CBL 5/29/94: TOC @ 1030'.			1,030.0	
Tubing Strings: Tubing - Production set at 1,905.8 on 6/4/94 00:00						
Tubing Components						
Item Desc		OD (in)	WT (lbs/ft)	Grade	Len (ft)	Cum Len (ft)
KB		2 3/8			10.00	10.00
Donut		2 3/8			0.55	10.55
Tubing		2 3/8	4.70	J-55	1862.33	1872.88
Seat Nipple		2 3/8			1.25	1874.13
Tubing		2 3/8	4.70	J-55	31.66	1905.79
Perforations: At 1,728.0-1,790.0 on 5/30/94 00:00						
Zone	Top (ftKB)	Bottom (ftKB)		Comment		
FRUITLAND	1,728.0	1,790.0		1728'-40', 1770'-80', 1786'-90' 4spf		
COAL						
Perforations: At 1,848.0-1,862.0 on 5/29/94 00:00						
Zone	Top (ftKB)	Bottom (ftKB)		Comment		
FRUITLAND	1,848.0	1,862.0		1848'-52' 4 spf		
COAL						