



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

**Joanna Prukop**

Cabinet Secretary

**Mark E. Fesmire, P.E.**

Director

**Oil Conservation Division**

*Notice of Failed Mechanical Integrity*  
*Notarized by the Engineering and Surveying Board*

05-Jul-07

## **BURLINGTON RESOURCES OIL & GAS COMPANY LP**

PO BOX 4289

Farmington NM 87499-

### **NOTICE of Failed Mechanical Integrity**

Dear Operator:

The bradenhead test(s) reported on the following well or wells failed to meet mechanical integrity standards of the New Mexico Oil Conservation Division. The test detail section which follows indicates preliminary findings and/or probable causes of the failure. This determination is based on a test of your well or facility by you and/or an OCD Compliance Officer employed by the Oil Conservation Division. Additional testing during the repair operation may be necessary to properly identify the full nature of the well failure.

Please notify the proper district office of the Division at least 48 hours prior to the date and time that the well(s) will be retested so a Compliance Officer may witness the test.

### ***MECHANICAL INTEGRITY TEST DETAIL SECTION***

**SAN JUAN 29 4 UNIT No.022**

**30-039-21844-00-00**

Active Gas (Producing)

N-9-29N-4W

Test Date:	7/3/2007	Permitted Injection PSI:	Actual PSI:
Test Reason:	Annual IMIT	Test Result:	Repair Due: 10/6/2007
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:
Comments on MIT:	Steady flow of Gas. 5min - 10psi, 10min - 6psi, 15min - 5psi, casing remained the same through out @ 680psi. 5 minute shut-in - 145psi. LOUD initially.		

In the event that a satisfactory response is not received to this letter of direction by the "Repair Due:" date shown above, enforcement action will occur. Such enforcement may include this office issuing a NOTICE OF VIOLATION with a penalty and/or applying to the Division for an order summoning you to a hearing before a Division Examiner in Santa Fe to show cause why you should not be ordered to permanently plug and abandon this well for your violation of OCD rules.

Sincerely,

*Shelley S. Condon*

Aztec OCD District Office

Note: Bradenhead Tests are performed every 3 years. Information in Detail Section comes directly from field inspector data entries - not all blanks will contain data. "Failure Type" and "Failure Cause" and any Comments are not to be interpreted as a diagnosis of the condition of the wellbore. Additional testing should be conducted by the operator to accurately determine the nature of the actual failure. \* Significant Non-Compliance events are reported directly to the EPA, Region VI, Dallas, Texas

cc: BLM  
Well file

Oil Conservation Division \* 1000 Rio Brazos Road \* Aztec, New Mexico 87410

Phone: 505-334-6178 \* Fax: 505-334-6170 \* <http://www.emnrd.state.nm.us>



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE  
1000 RIO BRAZOS ROAD  
AZTEC NM 87410  
(505) 334-6178 FAX: (505) 334-6170  
[http://emnr.state.nm.us/ocd/District III/3district.htm](http://emnr.state.nm.us/ocd/District%20III/3district.htm)

**BRADENHEAD TEST REPORT**

(submit 1 copy to above address)

Date of Test July 3, 2007 Operator Burlington Resources API # 30-039-21844  
Property Name SJ 29-4 Well No. 22 Location: Unit N Section 9 Township 29 Range 4  
Well Status (Shut-In or Producing) Initial PSI: Tubing 447 Intermediate — Casing 679 Bradenhead 347

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			FLOW CHARACTERISTICS	
	Bradenhead		INTERM	BRADENHEAD	INTERMEDIATE
	BH	Int	Csg	Int	Csg
TIME					
5 min	10	—	680		
10 min	6	—	680		
15 min	5	—	680		
20 min	4	—	680		
25 min	3	—	680		
30 min	3	—	680		
				Steady Flow <input checked="" type="checkbox"/>	
				Surges	
				Down to Nothing	
				Nothing	
				Gas <input checked="" type="checkbox"/>	
				Gas & Water	
				Water	

If bradenhead flowed water, check all of the descriptions that apply below: none

CLEAR ☐ FRESH ☐ SALTY ☐ SULFUR ☐ BLACK ☐

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 145 INTERMEDIATE —

REMARKS: \* Steady Flow Gas LOUD!  
\* No change in Casing Pressure through out testing

By Filed Electronically  
Steve Baird  
(Position)

Witness Shelly Conden  
Failure

E-mail address \_\_\_\_\_