

## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON** 

Governor

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Cabinet Secretary

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Director

Oil Conservation Division

Underground Infection Control Program
"Prosecting Our Underground Sources of Interlay Water"

01-May-06

**MERIT ENERGY CO** 

PO Box 69

Loco Hills NM 88255-0000

## LETTER OF VIOLATION and SHUT-IN DIRECTIVE Failed Mechanical Integrity Test

## Dear Operator:

The following test(s) were performed on the listed dates on the following well(s) shown below in the test detail section.

The test(s) indicates that the well or wells failed to meet mechanical integrity standards of the New Mexico Oil Conservation Division. To comply with guidelines established by the U.S. Environmental Protection Agency, the well(s) must be shut-in immediately until it is successfully repaired. 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 an inspector employed by the Oil Conservation Division. Additional testing during the repair operation may be necessary to properly identify the 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 the test may be witnessed by a field representative.

## MECHANICAL INTEGRITY TEST DETAIL SECTION

J L KEEL B N	lo.011			30-015-05077-00-00
		Active Injection - (All Types)		N-5-17S-31E
Test Date:	4/14/2006	Permitted Injection PSI:	Actual PSI:	
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	7/18/2006
Test Type:	Bradenhead Test	FAIL TYPE: Permit Violation	FAIL CAUSE:	
Comments on	MIT: Unable to observe t	ubing pressure - no gauge		
TURNER B No.002				30-015-05182-00-00
		Active Injection - (All Types)		M-17-17S-31E
Test Date:	4/14/2006	Permitted Injection PSI:	Actual PSI:	1775
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	7/18/2006
Test Type:	Bradenhead Test	FAIL TYPE: Permit Violation	FAIL CAUSE:	
Comments on	MIT: Injection pressure o	ver limit		
TURNER B No.030				30-015-05186-00-00
		Active Injection - (All Types)		P-17-17S-31E
Test Date:	4/14/2006	Permitted Injection PSI:	Actual PSI:	1600
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	7/18/2006
Test Type:	Bradenhead Test	FAIL TYPE: Permit Violation	FAIL CAUSE:	
Comments on	MIT: Injection pressure of	ver limit		

**TURNER B No.006** 30-015-05304-00-00 Active Injection - (All Types) C-20-17S-31E Actual PSI: Test Date: 4/14/2006 Permitted Injection PSI: 1825 Test Result: Test Reason: **Annual IMIT** Repair Due: 7/18/2006 Test Type: FAIL TYPE: Permit Violation Bradenhead Test FAIL CAUSE: Comments on MIT: Injection pressure over limit H E WEST A No.013 30-015-10374-00-00 Active Injection - (All Types) C-3-17S-31E Actual PSI: Test Date: Permitted Injection PSI: 4/11/2006 Test Reason: 5-year Test Test Result: F Repair Due: 7/15/2006 Test Type: FAIL TYPE: Casing Std. Annulus Pres. Test **FAIL CAUSE:** Well would not pressure-up. Comments on MIT: H E WEST B No.029 30-015-10376-00-00 Active Injection - (All Types) C-9-17S-31E Actual PSI: Test Date: Permitted Injection PSI: 4/11/2006 Test Reason: Annual IMIT **Test Result:** Repair Due: 7/15/2006 Test Type: FAIL TYPE: Casing **FAIL CAUSE:** Bradenhead Test Comments on MIT: Hole in casing C A RUSSELL No.011 30-015-21258-00-00 Active Injection - (All Types) C-18-17S-31E

Permitted Injection PSI: Actual PSI: 1800 Test Date: 4/14/2006

Test Reason: Annual IMIT Test Result: Repair Due: 7/18/2006

FAIL TYPE: Permit Violation Test Type: FAIL CAUSE: Bradenhead Test

Comments on MIT: Injection pressure over limit

H E WEST B No.033 30-015-25944-00-00 Active Injection - (All Types) L-3-17S-31E

Actual PSI: Test Date: 4/14/2006 Permitted Injection PSI: Test Result: Test Reason: Annual IMIT Repair Due: 7/18/2006

FAIL TYPE: Permit Violation Test Type: **FAIL CAUSE:** 

Bradenhead Test

Comments on MIT: Injection pressure over limit

**HEWEST B No.032** 30-015-25954-00-00

Active Injection - (All Types) L-10-17S-31E Test Date: Permitted Injection PSI: Actual PSI: 2000

4/11/2006 Test Result: Repair Due: 7/15/2006 Test Reason: 5-year Test F

Test Type: Std. Annulus Pres. Test FAIL TYPE: Casing **FAIL CAUSE:** 

Comments on MIT: Well would not pressure-up.

In the event that a satisfactory response is not received to this letter of direction by the "Repair Due:" date shown above, or if the well(s) are not immediately shut-in, further enforcement will occur. Such enforcement may include this office 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. Such a hearing may result in imposition of CIVIL PENALTIES for your violation of OCD rules.

Artesia OCD District Office

Sincerely.

Note: Pressure Tests are performed prior to initial injection, after repairs and otherwise, every 5 years; Bradenhead Tests are performed annually. 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.