

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martínez
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Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



Response Required – Deadline Enclosed

*Underground Injection Control Program
"Protecting Our Underground Sources of Drinking Water"*

27-Jun-13

QUANTUM RESOURCES MANAGEMENT, LLC
5 HOUSTON CENTER
1401 MCKINNEY ST. SUITE 2400
HOUSTON TX 77010

**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

ARTESIA UNIT No.032

30-015-01764-00-00

Active Injection - (All Types)

M-36-17S-28E

Test Date:	6/26/2013	Permitted Injection PSI:	Actual PSI:	500
Test Reason:	Annual IMIT	Test Result:	Repair Due:	9/29/2013
Test Type:	Bradenhead Test	FAIL TYPE:	FAIL CAUSE:	
Comments on MIT:	Pressure on backside. Had operator blow casing into truck. Reported @ 2bbls fluid. Asked him to close valve and reopen 24 hours later. Called and reports hole in tubing.			

ARTESIA UNIT No.046

30-015-02541-00-00

Active Injection - (All Types)

F-3-18S-28E

Test Date:	6/18/2013	Permitted Injection PSI:	Actual PSI:	1060
Test Reason:	5-year Test	Test Result:	Repair Due:	9/21/2013
Test Type:	Std. Annulus Pres. Test	FAIL TYPE:	FAIL CAUSE:	
Comments on MIT:	Well will not hold pressure. Pumped 14 bbls and could not build pressure.			

June 27, 2013

Page 2

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.

Sincerely,

Richard Ingo
Artesia OCD District Office

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.