

# New Mexico Energy, Minerals and Natural Resources Department

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Oil Conservation Division



## **\*Response Required – Deadline Enclosed\***

### **Underground Injection Control Program**

*"Protecting Our Underground Sources of Drinking Water"*

mailed: 4-18-2011

12-Apr-11

**UVNO. 02-09-196**

**COG OPERATING LLC**  
550 W TEXAS SUITE 1300  
MIDLAND TX 79701

30-015-31290

## **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***

#### **NEW MEXICO CY STATE No.001**

##### **Active Salt Water Disposal Well**

**30-015-23217-00-00**  
**J-23-17S-28E**

<b>Test Date:</b> 4/5/2011	<b>Permitted Injection PSI:</b>	<b>Actual PSI:</b>
<b>Test Reason:</b> 5-year Test	<b>Test Result:</b> F	<b>Repair Due:</b> 7/9/2011
<b>Test Type:</b> Std. Annulus Pres. Test	<b>FAIL TYPE:</b> Other Internal Failure	<b>FAIL CAUSE:</b>
<b>Comments on MIT:</b> Operator reports well is down for repairs.		

#### **WYOMING FEDERAL UNIT No.037**

##### **Active Injection - (All Types)**

**30-015-25175-00-00**  
**E-14-17S-29E**

<b>Test Date:</b> 4/4/2011	<b>Permitted Injection PSI:</b>	<b>Actual PSI:</b>
<b>Test Reason:</b> Annual IMIT	<b>Test Result:</b> F	<b>Repair Due:</b> 7/8/2011
<b>Test Type:</b> Bradenhead Test	<b>FAIL TYPE:</b> Other Internal Failure	<b>FAIL CAUSE:</b>
<b>Comments on MIT:</b> Operator reports hole in tubing.		

**Oil Conservation Division**  
1301 W. Grand Avenue • Artesia, New Mexico 88210  
Phone (575) 748-1283 • Fax (575) 748-9720 • [www.emnrd.state.nm.us/OCD](http://www.emnrd.state.nm.us/OCD)



**DODD FEDERAL UNIT No.022**

Active Injection - (All Types)

**30-015-25341-00-00**  
A-15-17S-29E

Test Date: 4/5/2011  
Test Reason: Annual IMIT  
Test Type: Bradenhead Test  
Comments on MIT: Operator reports hole in tubing.

Permitted Injection PSI:  
Test Result: F  
FAIL TYPE: Other Internal Failure

Actual PSI:  
Repair Due: 7/9/2011  
FAIL CAUSE:

**DELTA WING FEDERAL No.001**

Active Salt Water Disposal Well

**30-015-26309-00-00**  
B-15-17S-29E

Test Date: 4/4/2011  
Test Reason: Annual IMIT  
Test Type: Bradenhead Test  
Comments on MIT: Operator reports hole in tubing.

Permitted Injection PSI:  
Test Result: F  
FAIL TYPE: Other Internal Failure

Actual PSI:  
Repair Due: 7/8/2011  
FAIL CAUSE:

**SABER FEDERAL No.001**

Active Salt Water Disposal Well

**30-015-27882-00-00**  
B-11-17S-29E

Test Date: 4/4/2011  
Test Reason: Annual IMIT  
Test Type: Bradenhead Test  
Comments on MIT: Continuous blow from casing. Bled down and the string kept gurgling. high pressure builds back up.

Permitted Injection PSI:  
Test Result: F  
FAIL TYPE: Other Internal Failure

Actual PSI: 120  
Repair Due: 7/8/2011  
FAIL CAUSE: Close valve for a minute or two and

**BIG GEORGE STATE No.003**

Active Salt Water Disposal Well

**30-015-28759-00-00**  
J-12-17S-28E

Test Date: 4/5/2011  
Test Reason: Annual IMIT  
Test Type: Bradenhead Test  
Comments on MIT: Operator reports well is down for repairs

Permitted Injection PSI:  
Test Result: F  
FAIL TYPE: Other Internal Failure

Actual PSI:  
Repair Due: 7/9/2011  
FAIL CAUSE:

**ARCO 34 FEDERAL No.001**

Active Salt Water Disposal Well

**30-015-31290-00-00**  
H-34-17S-29E


Test Date: 4/5/2011  
Test Reason: Annual IMIT  
Test Type: Bradenhead Test  
Comments on MIT: Operator reports well is down for repairs.

Permitted Injection PSI:  
Test Result: F  
FAIL TYPE: Other Internal Failure

Actual PSI:  
Repair Due: 7/9/2011  
FAIL CAUSE:

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,

  
Artesia OCD District Office