# New Mexico Energy, Minerals and Natural Resources Department

## Susana Martinez

Governor

John H. Bemis Cabinet Secretary-Designate

Brett F. Woods, Ph. D. Acting Cabinet Secretary

Jami Bailey
Division Director
Oil Conservation Division



### \*Response Required - Deadline Enclosed\*

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

08-Apr-11

### CONOCOPHILLIPS COMPANY 3300 N A STREET BLDG 6 #247 MIDLAND TX 79710-0000

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

Dear

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

MCA UNIT N	o.084	Active Injection - (All Types)		<b>30-025-00639-00-00</b> P-22-17S-32E
Test Date:	3/10/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason: Test Type:	Annual IMIT Std. Annulus Pres. Test	Test Result: F FAIL TYPE: Casing	Repair Due: FAIL CAUSE:	6/13/2011

MCA UNIT No.123

30-025-00705-00-00
Active Injection - (All Types)
D-26-17S-32E

Test Date: 3/10/2011 Permitted Injection PSI: Actual PSI:

Test Reason: Annual IMIT Test Result: F Repair Due: 6/13/2011

Test Type: Std. Annulus Pres. Test FAIL TYPE: Communication Between FAIL CAUSE:

Comments on MIT: ANNUAL IMIT (PRESSURE TEST) FAILED. MGB.

Comments on MIT: ANNUAL IMIT (PRESSURE TEST) FAILED. MGB.



EAST VACUUM (GSA) UNIT No.002

30-025-02836-00-00

Active Oil (Producing)

2/24/2011 **Test Date: Permitted Injection PSI:**  **Actual PSI:** 

L-20-17S-35E

Test Reason:

Repair Due:

7/7/2011

Test Type:

**Annual IMIT** 

**Test Result:** 

**Comments on MIT:** 

**Bradenhead Test** 

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

FAILED BHT: WELL PRESENTLY HAS CASING BACKFLOWING TO TANK; NO RISER FROM

SURFACE CASING: PRODUCTION CASING PROBLEM: \*\*\*\*OPERATOR IN VIOLATION OF

NMOCD RULE 19.15.26.11\*\*\*\*\*

EAST VACUUM (GSA) UNIT No.043

30-025-02884-00-00

Active Injection - (All Types)

D-26-17S-35E

Test Date:

3/2/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

Test Reason:

Repair Due:

7/7/2011

Test Type:

Annual IMIT

**Test Result:** 

**FAIL CAUSE:** 

Bradenhead Test

FAIL TYPE: Other Internal Failure

Comments on MIT:

FAILED BHT: CONTINUOUS PRESSURE ON CASING WOULD NOT BLEED DOWN: \*\*\*OPERATOR

IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*\*

EAST VACUUM (GSA) UNIT No.002

Active Injection - (All Types)

30-025-02921-00-00 H-28-17S-35E

**Test Date:** 

3/2/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

7/7/2011 Repair Due:

Test Reason: Test Type:

Annual IMIT

Test Result:

Comments on MIT:

Bradenhead Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

FAILED BHT: CONTINUOUS PRESSURE ON CASING STRING: \*\*\*\*OPERATOR IN VIOLATION OF

7/7/2011

NMOCD RULE 19.15.26.11\*\*\*\*

EAST VACUUM (GSA) UNIT No.004

Active Oil (Producing)

30-025-02979-00-00 F-32-17S-35E

Test Date:

2/25/2011

**Permitted Injection PSI:** 

Actual PSI:

Test Reason:

Annual IMIT

**Test Result:** 

Repair Due:

FAIL TYPE: Other Internal Failure **FAIL CAUSE:** 

Test Type: Bradenhead Test Comments on MIT:

FAILED BHT: 2ND INTERMEDIATE WOULD NOT BLEED DOWN: 320# PRESSURE CONSISTING OF GAS AND LIOUID ON INTERMEDIATE CASING: \*\*\*\*OPERATOR IN VIOLATION OF NMOCD

RULE 19.15.26.11\*\*\*

VACUUM ABO UNIT No.003

30-025-03045-00-00

Active Oil (Producing)

**Test Date:** 2/25/2011 **Permitted Injection PSI:** 

Actual PSI:

C-4-18S-35E

Test Reason:

**Annual IMIT** 

**Test Result:** 

7/7/2011 Repair Due:

Test Type: Comments on MIT:

**Test Date:** 

FAIL TYPE: Other Internal Failure Bradenhead Test

FAIL CAUSE:

\*\*\*\*VIOLATION ON INSPECTION OF INTERMEDIATE AND SURFACE\*\*\*PER MAXEY G. BROWN OPERATOR HAS MIRU PULLING UNIT FOR REPAIRS\*\*\*\*\*

EAST VACUUM (GSA) UNIT No.093

30-025-20787-00-00 G-5-18S-35E

Active Oil (Producing)

2/28/2011

**Permitted Injection PSI:** 

Actual PSI:

Test Reason: Annual IMIT **Test Result:** FAIL TYPE: Other Internal Failure

7/7/2011 Repair Due:

Bradenhead Test Test Type: **FAIL CAUSE:** Comments on MIT:

BHT FAILURE; SURFACE CASING WOULD NOT BLEED DOWN; PER OPERATOR REP. HAS WORK ORDER TO REPAIR SURFACE CASING IN PROCESS: \*\*\*\*OPERATOR IN VIOLATION OF NMOCD

RULE 19.15.26.11\*\*\*\*

**LEA No.031** 30-025-21728-00-00

Active Oil (Producing)

C-30-17S-34E

Test Date: Test Reason:

3/7/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

Test Type: Comments on MIT:

**Annual IMIT** Bradenhead Test **Test Result:** 

Repair Due: FAIL CAUSE:

FAIL TYPE: Other Internal Failure FAILED BHT; CONTINUOUS BLOW OF GAS ON SURFACE; PRESSURE BUILDS BACK UP

IMMEDIATELY ON SURFACE CASING; ALSO PRIOR OIL STAIN OFF SURFACE CASING AND CHECK VALVE ON FLOWLINE FROM PRODUCTION CASING: PER OPERATOR REP. WORK ORDER IN PROCESS FOR PULLING UNIT REPAIR ON SURFACE CASING: \*\*\*\*\*OPERTOR IN

VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*

MCA UNIT No.273 30-025-23730-00-00

Active Injection - (All Types)

L-26-17S-32E

**Test Date:** 

3/10/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

6/13/2011

**Test Reason:** 

Annual IMIT

Test Result:

Repair Due:

7/7/2011

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Communication Between

FAIL CAUSE:

Comments on MIT: MIT FAILED. MGB.

EAST VACUUM (GSA) UNIT No.129

Active Injection - (All Types)

30-025-24906-00-00 E-5-18S-35E

**Test Date:** 

2/23/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

Test Reason:

**Annual IMIT** 

**Test Result:** 

Repair Due:

7/7/2011

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

Comments on MIT:

FAILED PRESSURE TEST; WELL WOULD NOT HOLD PRESSURE: \*\*\*OPERATOR IN VIOLATION

OF NMOCD RULE 19.15.26.11\*\*\*\*

EAST VACUUM (GSA) UNIT No.009

3/2/2011

30-025-26518-00-00 O-32-17S-35E

Active Injection - (All Types)

**Permitted Injection PSI:** 

**Actual PSI:** 

Test Reason:

Test Date:

**Test Date:** 

**Test Reason:** 

**Annual IMIT** 

**Test Result:** FAIL TYPE: Other Internal Failure Repair Due:

7/7/2011

Test Type: Comments on MIT:

**Bradenhead Test** 

**FAIL CAUSE:** FAILED BHT: CONTINUOUS PRESSURE ON CASING STRING: \*\*\*\*OPERATOR IN VIOLATION OF

NMOCD RULE 19.15.26.11\*\*\*\*\*

EAST VACUUM (GSA) UNIT No.003

30-025-26520-00-00

Active Injection - (All Types)

3/2/2011 **Permitted Injection PSI:**  M-33-17S-35E

**Actual PSI:** Repair Due:

**Annual IMIT Test Reason:** 

**Test Result:** 

7/7/2011

Test Type: Bradenhead Test FAIL TYPE: Other Internal Failure FAIL CAUSE: Comments on MIT:

BHT FAILURE: \*\*\*CONTINUOUS PRESSURE ON CASING STRING: \*\*\*\*OPERATOR IN

VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*

EAST VACUUM (GSA) UNIT No.007

30-025-26649-00-00

Active Injection - (All Types)

Actual PSI:

Repair Due:

3/2/2011 **Test Date: Permitted Injection PSI: Test Reason: Annual IMIT** Test Result:

K-32-17S-35E

7/7/2011

Test Type: Bradenhead Test FAIL TYPE: Other Internal Failure **FAIL CAUSE:** 

FAILED BHT: CONTINUOUS PRESSURE ON CASING STRING: \*\*\*OPERATOR IN VIOLATION OF **Comments on MIT:** 

NMOCD RULE 19.15.26.11\*\*\*\*

EAST VACUUM (GSA) UNIT No.001

30-025-26777-00-00

Active Injection - (All Types)

M-27-17S-35E

**Test Date:** 3/2/2011 **Annual IMIT** 

**Permitted Injection PSI:** 

**Actual PSI:** 

7/7/2011

Repair Due:

**Test Result:** Bradenhead Test Test Type: FAIL TYPE: Other Internal Failure FAIL CAUSE:

Comments on MIT: FAILED BHT: CONTINUOUS PRESSURE ON CASING STRING: \*\*\*\*OPERATOR IN VIOLATION OF

NMOCD RULE 19.15.26.11\*\*\*\*

### EAST VACUUM (GSA) UNIT No.008

30-025-26865-00-00

Active Injection - (All Types)

3/2/2011 **Permitted Injection PSI:** 

E-32-17S-35E

**Test Date:** 

**Actual PSI:** 

Test Reason:

**Annual IMIT** 

**Test Result:** 

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

Comments on MIT:

FAILED BHT: CONTINUOUS PRESSURE ON CASING STRING;\*\*\*\*OPERATOR IN VIOLATION OF

7/7/2011

NMOCD RULE 19.15.26.11\*\*\*\*\*

#### EAST VACUUM (GSA) UNIT No.006

30-025-27116-00-00

Active Injection - (All Types)

H-27-17S-35E

**Test Date:** 

3/2/2011

Permitted Injection PSI:

**Actual PSI:** 

**Test Reason:** 

**Test Result:** 

Repair Due:

6/5/2011

Test Type:

**Annual IMIT** Bradenhead Test

**FAIL CAUSE:** 

FAIL TYPE: Other Internal Failure

**Comments on MIT:** 

FAILED BHT: CONTINUOUS PRESSURE BUILD UP ON CASING STRING; \*\*\*\*OPERATOR IN

VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*\*

### EAST VACUUM (GSA) UNIT No.600

30-025-27345-00-00

Active Injection - (All Types)

B-27-17S-35E

**Test Date:** 

2/22/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

Repair Due:

Test Reason: Test Type:

Annual IMIT

**Test Result:** 

7/7/2011

Std. Annulus Pres. Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

FAILED PRESSURE TEST: WELL WOULD NOT HOLD PRESSURE\*\*\*\*OPERATOR IN VIOLATION **Comments on MIT:** 

OF NMOCD RULE 19.15.26.11\*\*\*\*\*

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.

Hobbs OCD District Office

COMPLIANCE OFFICER
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.

EMNRD OIL CONSERVATION DIVISION 1625 N FRENCH DRIVE HOBBS NM 88240

\$0.44 \$0.44 \$0.44 \$0.44

BBATRO9 SU

CONOCOPHILLIPS COMPANY 3300 N. 'A' STREET BLDG. 6 #247 MIDLAND, TX 79710