# State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

Jami Bailey Division Director HOBBS OCD

John H. Bemis Cabinet Secretary Oil Conservation Division



## \*Response Required - Deadline Enclosed\*

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

05-Apr-12

#### APACHE CORP

303 VETERANS AIRPARK LANE SUITE 3000 MIDLAND TX 79705-

### 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

#### EAST BLINEBRY DRINKARD UNIT No.003

30-025-06325-00-00 M-1-21S-37E

Active Injection - (All Types)

**Permitted Injection PSI: Actual PSI:** 

2/1/2012 **Annual IMIT Test Reason:** 

**Test Result:** 

7/7/2012 Repair Due:

Test Type:

**Test Date:** 

Bradenhead Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

Comments on MIT: COMMUNICATION BETWEEN TUBING AND CASING: 1150 ON TUBING, 1150# ON CASING; FAILED BHT \*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*

#### NORTHEAST DRINKARD UNIT No.102

30-025-06400-00-00 H-4-21S-37E

Active Injection - (All Types)

2/2/2012 **Test Date:** 

**Permitted Injection PSI:** 

**Actual PSI:** 

Test Reason: Test Type:

5-year Test

Test Result:

Repair Due: 7/7/2012

Std. Annulus Pres. Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

Comments on MIT:

\*\*\*FAILED PRESSURE TEST; OIL ON SURFACE CASING WHILE ATTEMPTING TO PRESSURE

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

EAST BLINEBRY DRINKARD UNIT No.034

30-025-06544-00-00

Active Injection - (All Types)

2/1/2012 Permitted Injection PSI: G-12-21S-37E

Test Date: **Actual PSI:** 

7/6/2012 5-year Test **Test Result:** Repair Due: **Test Reason:** 

Std. Annulus Pres. Test FAIL TYPE: Other Internal Failure FAIL CAUSE: Test Type:

POSSIBLE COMMUNICATION BETWEEN TUBING AND CASING 1000# ON CASING AND 1300# ON Comments on MIT: TUBING; FAILED PRESSURE TEST \*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*

NORTHEAST DRINKARD UNIT No.909

30-025-06747-00-00

Active Injection - (All Types)

Active Injection - (All Types)

I-22-21S-37E

2/2/2012 Permitted Injection PSI: **Actual PSI:** Test Date:

**Annual IMIT** Test Result: Repair Due: 7/7/2012 Test Reason:

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

COMMUNICATION BETWEEN TUBING AND CASING; FAILED BHT \*\*\*OPERATOR IN VIOLATION Comments on MIT:

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

SOUTH EUNICE SEVEN RIVERS QUEEN UNIT No.421

30-025-09022-00-00 Active Injection - (All Types) E-25-22S-36E

1/31/2012 Permitted Injection PSI: **Actual PSI: Test Date:** 

7/5/2012 Test Reason: 5-year Test **Test Result:** Repair Due:

Std. Annulus Pres. Test FAIL TYPE: Other Internal Failure **FAIL CAUSE:** Test Type:

\*\*\*FAILED PT; WOULD NOT HOLD PRESSURE DURING TEST; \*\*\*OPERATOR IN VIOLATION OF Comments on MIT:

NMOCD 19.15.26.11\*\*\*

SOUTH EUNICE SEVEN RIVERS QUEEN UNIT No.409

30-025-09172-00-00 L-36-22S-36E

1/31/2012 Permitted Injection PSI: **Actual PSI:** Test Date:

7/5/2012 Test Reason: 5-year Test Test Result: Repair Due:

FAIL TYPE: Other Internal Failure Std. Annulus Pres. Test FAIL CAUSE: Test Type:

\*\*\*\*FAILED PT; \*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\* Comments on MIT:

NORTHEAST DRINKARD UNIT No.703

30-025-09918-00-00 K-15-21S-37E

Active Injection - (All Types) Test Date: 2/2/2012 Permitted Injection PSI: **Actual PSI:** 

Test Reason: 5-year Test Repair Due: 7/7/2012 **Test Result:** 

Std. Annulus Pres. Test FAIL TYPE: Other External Failure FAIL CAUSE: Test Type:

\*\*\*FAILED PRESSURE TEST\*\*\*\*;FLUID ON SURFACE CASING WHILE PERFORMING PRESSURE Comments on MIT:

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

MCDONALD STATE AC 1 No.036

30-025-31162-00-00 J-16-22S-36E

Active Injection - (All Types) Test Date: 2/8/2012 **Permitted Injection PSI: Actual PSI:** 

Test Reason: **Annual IMIT Test Result:** Repair Due: 7/13/2012

Std. Annulus Pres. Test FAIL TYPE: Other Internal Failure FAIL CAUSE: Test Type:

WOULD NOT HOLD PRESSURE\*\*\*FAILED PT\*\*\* OPERATOR IN VIOLATION OF NMOCD RULE Comments on MIT:

19.15.26.11\*\*\*\*

April 5, 2012 Page 3

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.

Siffcerely

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



JS POSTAGE

APACHE CORP ATTN REGULATORY COMPLIANCE 303 VETERANS AIRPARK LANE STE 3000 MIDLAND, TX 79705