

# **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"

03-Jun-11

SANDRIDGE EXPL. & PROD. LLC. 2130 W. BENDER HOBBS, NM 88240

, LLC

ETTER 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

## **MALJAMAR GRAYBURG UNIT No.012**

Active Injection - (All Types)

O-3-17S-32E

30-025-00445-00-00

8/27/2011

Test Date:

5/24/2011

Permitted Injection PSI:

**Actual PSI:** 

Test Reason:

Annual IMIT

**Test Result:** 

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

Comments on MIT:

\*\*\*\*\*PRIOR 2 YEAR VIOLATION\*\*\*\*; WELL REMAINS SHUT IN; UNSUCCESSFUL

WORKOVER PERFORMED IN 3/2011; \*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE

19.15.26.11\*\*\*\*3RD NOTICE OF VIOLATION\*\*\*\*

## MALJAMAR GRAYBURG UNIT No.021

30-025-00454-00-00

8/27/2011

K-4-17S-32E

Active Injection - (All Types)

Test Date:

5/24/2011 Annual IMIT **Permitted Injection PSI:** 

**Actual PSI:** 

Test Reason:

**Bradenhead Test** 

**Test Result:** 

Repair Due:

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

**FAIL CAUSE:** 

\*\*\*PRIOR YEAR VIOLATION\*\*\*WELL IS SHUT IN; UNSUCCESSFUL WORKOVER

PERFORMED IN 3/2011\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.16.26.11\*\*\*\*

\*\*\*2ND NOTICE OF VIOLATION\*\*\*



MALJAMAR GRAYBURG UNIT No.017

30-025-00464-00-00

8/27/2011

Active Injection - (All Types)

G-4-17S-32E

Test Date:

5/24/2011

Permitted Injection PSI:

**Actual PSI:** 

Test Reason:

Annual IMIT

**Test Result:** 

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

\*\*\*PRIOR YEAR VIOLATION\*\*\*WELL IS SHUT IN\*\*\*UNSUCCESSFUL WORKOVER

Comments on MIT:

PERFORMED 2/2011; \*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*

\*\*\*2ND NOTICE OF VIOLATION\*\*\*\*\*

CAPROCK MALJAMAR UNIT No.014

30-025-00527-00-00

8/27/2011

I-13-17S-32E

Active Injection - (All Types)

**Actual PSI:** 

Test Date:

5/24/2011

**Permitted Injection PSI:** 

Test Reason:

**Annual IMIT** 

**Test Result:** 

Repair Due:

Test Type: Comments on MIT:

Bradenhead Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

\*\*\*OPERATOR HAS CONCEDED THAT WELL WILL NOT PASS MECHANICAL

INTEGRITY\*\*\* WELL IS SHUT IN AT THIS TIME\*\*\*OPERATOR IN VIOLATION OF NMOCD

RULE 19.15.26.11\*\*\*\*

CAPROCK MALJAMAR UNIT No.049

Active Injection - (All Types)

30-025-00662-00-00 H-24-17S-32E

Test Date

5/24/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

8/27/2011

Test Reason: Test Type:

Annual IMIT

**Test Result:** 

Repair Due:

FAIL CAUSE:

Comments on MIT:

FAIL TYPE: Other Internal Failure Bradenhead Test \*\*\*PRIOR YEAR VIOLATION; \*\*WELL IS SHUT IN\*\* UNSUCCESSFUL WORKOVER 4/2011;

\*\*\*CONTINUED VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*2ND NOTICE OF

VIOLATION\*\*\*\*

**CAPROCK MALJAMAR UNIT No.006** 

30-025-01439-00-00

Active Injection - (All Types)

A-17-17S-33E

Test Date:

5/25/2011

Bradenhead Test

**Permitted Injection PSI:** 

**Actual PSI:** 

Repair Due: Annual IMIT **Test Result:** Test Reason:

8/28/2011

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

FAIL CAUSE:

\*\*\*PRIOR YEAR FAILURE\*\* WELL IS SHUT IN; UNSUCCESSFUL WORKOVER PERFORMED 3/2011: \*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*2ND NOTICE OF

VIOLATION\*\*\*\*

**CAPROCK MALJAMAR UNIT No.070** 

30-025-01490-00-00

8/28/2011

Active Injection - (All Types)

J-20-17S-33E **Actual PSI:** 

Test Date:

5/25/2011

Permitted Injection PSI:

Repair Due:

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

Test Type:

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

\*\*\*\*PRIOR 2 YEAR FAILURE\*\*\*WELL IS SHUT IN\*\*\*OPERATOR IN VIOLATION OF Comments on MIT:

NMOCD RULE 19.15.26.11\*\*\*3RD NOTICE OF VIOLATION\*\*\*\*\*

**CAPROCK MALJAMAR UNIT No.083** 

30-025-01493-00-00

9/5/2011

O-20-17S-33E

Active Injection - (All Types)

Actual PSI:

Test Date:

5/25/2011 **Annual IMIT**  Permitted Injection PSI:

Test Result: Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

Comments on MIT:

Test Reason:

\*\*\*\*OPERATOR CONCEDES WELL WILL NOT HOLD MECHANICAL INTEGRITY\*\*\*BHT SHOWS 100# ON INTERMEDIATE CASING WILL NOT BLEED DOWN\*\*\*\*OPERATOR IN

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

#### **CAPROCK MALJAMAR UNIT No.084**

30-025-01494-00-00

8/28/2011

Active Injection - (All Types)

P-20-17S-33E

**Test Date:** 

5/25/2011

Permitted Injection PSI:

**Actual PSI:** 

Test Reason:

**Annual IMIT** 

**Test Result:** 

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

Comments on MIT:

\*\*\*PRIOR 2 YEAR FAILURE\*\*\*WELL IS SHUT IN\*\* UNSUCCESSFUL WORKOVER

PERFORMED IN 3/2011\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*

\*\*\*3RD NOTICE OF VIOLATION\*\*\*\*

#### **CAPROCK MALJAMAR UNIT No.069**

30-025-01496-00-00

Active Injection - (All Types)

K-20-17S-33E 8/28/2011

**Test Date:** 

5/25/2011

Permitted Injection PSI:

**Actual PSI:** 

**Test Reason:** 

Annual IMIT

Test Result:

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

**Comments on MIT:** 

\*\*\*OIL ON CASING WILL NOT BLEED DOWN\*\*\* FAILED BHT\*\*\*OPERATOR IN

VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*

#### **CAPROCK MALJAMAR UNIT No.058**

Active Injection - (All Types)

30-025-01509-00-00 E-21-17S-33E

**Test Date:** 

5/25/2011

**Permitted Injection PSI:** 

**Actual PSI:** 

Repair Due:

Test Reason:

**Annual IMIT** 

**Test Result:** 

8/28/2011

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

**FAIL CAUSE:** 

**Comments on MIT:** 

\*\*\*PRIOR YEAR FAILURE 2007; NO REMEDIAL WORK PERFORMED ON FILE\*\*\*WELL IS

SHUT IN: \*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*2ND NOTICE OF

VIOLATION\*\*\*\*

#### **CAPROCK MALJAMAR UNIT No.093**

30-025-01526-00-00

Active Injection - (All Types)

L-28-17S-33E

**Test Date:** 

5/25/2011

Permitted Injection PSI:

**Actual PSI:** 

8/28/2011

**Test Reason:** 

**Annual IMIT** 

**Test Result:** 

Repair Due:

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

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

\*\*\*PRIOR YEAR FAILURE\*\*\*SUBSEQUENT REPORT SHOWING WELL IS TA'D NOT REPORTED/RECEIVED BY OCD DISTRICT I OFFICE\*\*\*\*VERBAL FROM RON RAGLAND OF WORKOVER 1/2011 ONLY\*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11,

\*\*\*\*WELL IS SHUT IN\*\*\*3RD NOTICE OF VIOLATION\*\*\*\*\*

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.

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT Oil Conservation Division 1625 N. French Drive Hobbs, NM 88240



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06/03/11

Mailed From 88240

SANDRIDGE EXPL & PROD LLC 2130 W. BENDER HOBBS, NM 88240