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 Bailev **Division Director** Oil Conservation Division



Response Required - Deadline Enclosed*

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

20-Oct-11

ENERGEN RESOURCES CORP. 3300 N. "A" STR. BLDG. 4 STE. 100 MIDLAND, TX 79705

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

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

STUART LANGLIE MATTIX UNIT No.104

Approved TA Injection - (All Types)

30-025-11412-00-00 K-2-25S-37E

Test Date:

10/18/2011

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

1/21/2012

Test Type:

FAIL CAUSE:

Comments on MIT:

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

****FAILED BHT - 6' SUB; CASING HAS 500# W/FLUID; IMMEDIATELY BUILDS BACK UP*** ****OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11*****OPERATOR MUST PLUG AND

ABANDON OR BRING WELL BACK INTO ACTIVE STATUS*****

STUART LANGLIE MATTIX UNIT No.115

30-025-11516-00-00

Active Injection - (All Types)

E-10-25S-37E

Test Date:

10/18/2011

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

1/21/2012 Repair Due:

Test Type:

FAIL TYPE: Other Internal Failure

Bradenhead Test

FAIL CAUSE:

Comments on MIT:

***FAILED BHT- CONTINUOUS FLUID ON CASING; ***OPERATOR IN VIOLATION OF NMOCD RULE

19.15.26.11****



STUART LANGLIE MATTIX UNIT No.123

30-025-11532-00-00

Approved TA Injection - (All Types)

K-10-25S-37E

Test Date: **Test Reason:** 10/18/2011 **Annual IMIT** **Permitted Injection PSI:**

Actual PSI:

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

1/21/2012 **FAIL CAUSE:**

Comments on MIT:

Test Result:

FAILED BHT; CASING FLOWED PACKER FLUID, THEN COMMENCED TO FLOW OIL; DID NOT BLEED

DOWN; ***OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11**** ***OPERATOR NEEDS TO

PLUG AND ABANDON OF BRING WELL BACK INTO ACTIVE STATUS****

LANGLIE LYNN QUEEN UNIT No.016

30-025-21229-00-00

Active Injection - (All Types)

F-26-23S-36E

Test Date:

10/18/2011

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

1/21/2012

Test Type:

Bradenhead Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

NO CHANGE IN STATUS*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11**** Comments on MIT:

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

STUART LANGLIE MATTIX UNIT No.126

30-025-22772-00-00

Active Injection - (All Types)

A-10-25S-37E

Test Date:

10/18/2011

Permitted Injection PSI:

Actual PSI:

1/21/2012 Repair Due:

Test Reason:

Annual IMIT

Test Result:

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

FAIL CAUSE:

Previous IMIT failure - Not repaired ***OPERATOR IN VIOLATION OF NMOCD RULE

19.15.26.11****2ND 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.

EMNRD
OIL CONSERVATION DIVISION
1625 N FRENCH DRIVE
HOBBS NM 88240



015H14150977

\$0.44

\$0.44

10/31/11

Mailed From 88240

ENERGEN RESOURCES CORP. 3300 N. "A" STR. BLDG. 4 STE. 100 MIDLAND, TX 79705