State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

David Martin Cabinet Secretary

David Catanach. Director

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Oil Conservation Division



Response Required - Deadline Enclosed

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

26-Apr-16

LINN OPERATING, INC. 600 TRAVIS STREET SUITE 4900 HOUSTON TX 77002-7002

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

H E WEST B	No.026			30-015-05060-00-00
		Active Injection - (All Types)		I-3-17S-31E
Test Date:	4/12/2016	Permitted Injection PSI:	Actual PSI:	160
Test Reason:	5-year Test	Test Result: F	Repair Due:	7/16/2016
Test Type:	Std. Annulus Pres. Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
Comments on	MIT: Well will not hold press	sure. 4 attempts to pressure up.		
J L KEEL B	No.007		<u> </u>	30-015-05108-00-00
		Active Injection - (All Types)		C-8-17S-31E
Test Date:	4/11/2016	Permitted Injection PSI:	Actual PSI:	1380
Test Reason:	5-year Test	Test Result: F	Repair Due:	7/15/2016
Test Type:	Std. Annulus Pres. Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
Comments on I	MIT: Well will not hold press	sure. After dumping in 20 bbls, well went on	vacuum.	

JL KEEL B No.012 30-015-05111-00-00 Active Injection - (All Types) A-8-17S-31E Test Date: Permitted Injection PSI: Actual PSI: 4/11/2016 Test Reason: 5-year Test Test Result: Repair Due: 7/15/2016

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

Comments on MIT: Well will not hold pressure.

SKELLY UNIT No.063 30-015-05317-00-00

Active Injection - (All Types) E-21-17S-31E Test Date: Permitted Injection PSI: Actual PSI:

4/12/2016 1340 Test Reason: 5-year Test Test Result: F Repair Due: 7/16/2016

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

Well will not hold pressure. Comments on MIT:

SKELLY UNIT No.075 30-015-05333-00-00

Active Injection - (All Types) N-21-17S-31E

Test Date: 4/25/2016 Permitted Injection PSI: Actual PSI:

Test Reason: Annual IMIT Test Result: F Repair Due: 7/29/2016

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

Comments on MIT: No guage on tubing. Continuous flow from casing.

SKELLY UNIT No.052 30-015-05345-00-00

Active Injection - (All Types) J-22-17S-31E Test Date: 4/12/2016 Permitted Injection PSI: Actual PSI: 1260

Test Reason: 5-year Test Test Result: Repair Due: 7/16/2016

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

Well would not pressure-up. Took 12 bbls to load. Comments on MIT:

SKELLY UNIT No.088 30-015-05426-00-00

Active Injection - (All Types) A-28-17S-31E

Test Date: Permitted Injection PSI: 4/25/2016 Actual PSI:

Test Result: Test Reason: Annual IMIT Repair Due: 7/29/2016

Test Type: FAIL TYPE: Permit Violation Bradenhead Test **FAIL CAUSE:**

Comments on MIT: Original failure on 4/8/2015. Not repaired from previous failure. Out of compliance over 1 year.

TURNER B No.047 30-015-05435-00-00

Active Injection - (All Types) B-29-17S-31E Test Date: Permitted Injection PSI: Actual PSI: 4/12/2016 1430

Test Reason: Test Result: 5-year Test Repair Due: 7/16/2016

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

Well will not hold pressure. Comments on MIT:

TURNER B No.068 30-015-05452-00-00

Active Injection - (All Types)

P-29-17S-31E

Test Date: 4/13/2016 Permitted Injection PSI: Actual PSI:

Test Reason: Annual IMIT Test Result: Repair Due: 7/17/2016

Test Type: FAIL TYPE: Permit Violation Bradenhead Test FAIL CAUSE:

Repaired? Surface is cemented. No paperwork on repair. Comments on MIT:

Original failure on 5/5/2015. Not repaired from previous failure. Out of compliance over 1 year.

TURNER B No.053 30-015-05472-00-00

Active Injection - (All Types) I-30-17S-31E

Test Date: 4/13/2016 Permitted Injection PSI: Actual PSI:

Test Reason: Annual IMIT Test Result: Repair Due: 7/17/2016 F

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

NORTH BENSON QUEEN UNIT No.025

30-015-10127-00-00

7/17/2016

7/29/2016

Active Injection - (All Types)

N-28-18S-30E

Test Date:

4/13/2016

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Permit Violation

FAIL CAUSE:

Original failure on 2/17/2015. Not repaired from previous failure. Out of compliance over 1 year. Comments on MIT:

SKELLY UNIT No.107

Active Injection - (All Types)

30-015-20410-00-00 E-27-17S-31E

Test Date:

4/25/2016

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Permit Violation

FAIL CAUSE:

Comments on MIT:

Original failure on 4/8/2015. Not repaired from previous failure. Out of compliance over 1 year.

RED LAKE UNIT No.016

Active Injection - (All Types)

30-015-23122-00-00 O-25-16S-28E

Test Date: Test Reason: 4/13/2016

Permitted Injection PSI:

Actual PSI: Repair Due:

Test Type:

Annual IMIT

Test Result: F

7/17/2016

Bradenhead Test

FAIL TYPE: Permit Violation

FAIL CAUSE:

Comments on MIT:

Original failure on 2/17/2015. Not repaired from previous failure. Out of compliance over 1 year.

30-015-24016-00-00

RED LAKE UNIT No.012

Active Injection - (All Types)

I-25-16S-28E

Test Date:

4/13/2016

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result: F Repair Due:

7/17/2016

Test Type:

Bradenhead Test

FAIL TYPE: Permit Violation

FAIL CAUSE:

Comments on MIT:

Original failure on 2/17/2015. Not repaired from previous failure. Out of compliance over 1 year.

J L KEEL B No.034

Active Injection - (All Types)

30-015-25447-00-00 H-6-17S-31E

Test Date:

4/11/2016

Permitted Injection PSI:

Test Result:

Actual PSI:

1250 7/15/2016

Test Reason:

Annual IMIT Bradenhead Test

FAIL TYPE: Other Internal Failure

Repair Due: FAIL CAUSE:

Test Type:

Comments on MIT:

JL KEEL B No.037

Took a while to load, but would not hold pressure.

Active Injection - (All Types)

30-015-25934-00-00

E-5-17S-31E

Test Date:

4/11/2016

Permitted Injection PSI:

Actual PSI:

FAIL CAUSE:

1450

Test Reason:

5-year Test

Test Result:

Repair Due:

7/15/2016

Test Type: Comments on MIT:

TURNER A No.057

Std. Annulus Pres. Test

WFX946 implementation.

FAIL TYPE: Other Internal Failure Well is leaking from cap. Need to replace gasket and re-test..

> 30-015-29000-00-00 C-19-17S-31E

Active Injection - (All Types)

Actual PSI:

7/18/2016

Test Date: Test Reason:

4/14/2016 Annual IMIT Permitted Injection PSI: Test Result:

Repair Due:

Test Type: Comments on MIT:

Bradenhead Test FAIL TYPE: Permit Violation FAIL CAUSE: Original failure on 3/25/2015. Not repaired from previous failure. Out of compliance over 1 year. Part of

> Oil Conservation Division * 811 S. First St. * Artesia, New Mexico 88210 Phone: 575-748-1283 * Fax: 575-748-9720 * http://www.emnrd.state.nm.us

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.

Sincerely,

Artesia OCD District Office

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.