State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

David Martin Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary David Catanach, Director 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) 1-3-17S-31E **Test Date:** Permitted Injection PSI: Actual PSI: 4/12/2016 160 Test Reason: 5-year Test Test Result: **Repair Due:** 7/16/2016 F **Test Type:** Std. Annulus Pres. Test FAIL TYPE: Other Internal Failure FAIL CAUSE: Comments on MIT: Well will not hold pressure. 4 attempts to pressure up. No.007 J L KEEL B 30-015-05108-00-00 Active Injection - (All Types) C-8-17S-31E **Test Date:** 4/11/2016 **Permitted Infection PSI:** Actual PSI: 1380 Test Reason: 5-year Test Test Result: **Repair Due:** 7/15/2016 F FAIL TYPE: Other Internal Failure Test Type: Std. Annulus Pres. Test FAIL CAUSE: Well will not hold pressure. After dumping in 20 bbls, well went on vacuum. Comments on MIT:

J L KEEL B I	No.012	Active Injection - (All Types)		30-015-05111-00-00 A-8-17 S-3 1E
Test Date:	4/11/2016	Permitted Injection PSI:	Actual PSI:	11-0-170-51E
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	MIT: Well will not hold pre-	ssure.		
SKELLY UN	IT No.063			30-015-05317-00-00
		Active Injection - (All Types)		E-21-17S-31E
Test Date:	4/12/2016	Permitted Injection PSI:	Actual PSI:	1340
Test Reason:	5-year Test	Test Result: F	Repair Due:	7/16/2016
Test Type: Comments on	Std. Annulus Pres. Test MIT: Well will not hold pres	FAIL TYPE: Other Internal Failure ssure.	FAIL CAUSE:	
SKELLY UNI				30-015-05333-00-00
DREADT ON	1 110.075	Active Injection - (All Types)		N-21-17S-31E
Test Date:	4/25/2016	Permitted Injection PSI:	Actual PSI:	14-21-170-012
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	7/29/2016
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
	MIT: No guage on tubing. C			
SKELLY UNI	T 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: F	Repair Due:	7/16/2016
Test Type:	Std. Annulus Pres. Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
Comments on	MIT: Well would not pressur	re-up. Took 12 bbls to load.		
SKELLY UNI	T No.088			30-015-05426-00-00
		Active Injection - (All Types)		A-28-17S-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: Permit Violation	FAIL CAUSE:	
Courses and a set 1			t of compliance of	er 1 vear.
Comments on I	MIT: Original failure on 4/8/2	2015. Not repaired from previous failure. Out		
TURNER B No		2015. Not repaired from previous failure. Out		30-015-05435-00-00
		Active Injection - (All Types)		
TURNER B No Test Date:	4/12/2016	· · · ·	Actual PSI:	30-015-05435-00-00
TURNER B No Test Date: Test Reason:	9.047 4/12/2016 5-year Test	Active Injection - (All Types) Permitted injection PSI; Test Result: F	Actual PSI: Repair Due:	30-015-05435-00-00 B-29-17S-31E
TURNER B No Test Date:	9.047 4/12/2016 5-year Test Std. Annulus Pres. Test	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure	Actual PSI:	30-015-05435-00-00 B-29-17S-31E 1430
TURNER B No Test Date: Test Reason: Test Type: Comments on N	9.047 4/12/2016 5-year Test Std. Annulus Pres. Test MIT: Well will not hold press	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure	Actual PSI: Repair Due:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016
TURNER B No Test Date: Test Reason: Test Type:	9.047 4/12/2016 5-year Test Std. Annulus Pres. Test MIT: Well will not hold press	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure.	Actual PSI: Repair Due:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00
TURNER B No Test Date: Test Reason: Test Type: Comments on N	9.047 4/12/2016 5-year Test Std. Annulus Pres. Test MIT: Well will not hold press	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure	Actual PSI: Repair Due:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No	 x.047 4/12/2016 5-year Test Std. Annulus Pres. Test xIIT: Well will not hold press x.068 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types)	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date:	 4/12/2016 5-year Test Std. Annulus Pres. Test WIT: Well will not hold press 068 4/13/2016 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI:	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date: Test Reason:	 4/12/2016 5-year Test Std. Annulus Pres. Test Will: Well will not hold press 068 4/13/2016 Annual IMIT Bradenhead Test 4IT: Repaired? Surface is cer 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI: Test Result: F	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI: Repair Due: FAIL CAUSE:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E 7/17/2016
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date: Test Reason: Test Reason: Test Type:	 4/12/2016 5-year Test Std. Annulus Pres. Test WIT: Well will not hold press 068 4/13/2016 Annual IMIT Bradenhead Test IIT: Repaired? Surface is cer Original failure on 5/5/2 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Permit Violation mented. No paperwork on repair.	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI: Repair Due: FAIL CAUSE:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E 7/17/2016 er I year.
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date: Test Reason: Test Reason: Test Type: Comments on N	 4/12/2016 5-year Test Std. Annulus Pres. Test WIT: Well will not hold press 068 4/13/2016 Annual IMIT Bradenhead Test IIT: Repaired? Surface is cer Original failure on 5/5/2 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Permit Violation mented. No paperwork on repair. 2015. Not repaired from previous failure. Out	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI: Repair Due: FAIL CAUSE:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E 7/17/2016 er 1 year. 30-015-05472-00-00
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date: Test Reason: Test Reason: Test Type: Comments on N	 4/12/2016 5-year Test Std. Annulus Pres. Test Will: Well will not hold press 068 4/13/2016 Annual IMIT Bradenhead Test MIT: Repaired? Surface is cer Original failure on 5/5/2 .053 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Permit Violation mented. No paperwork on repair.	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI: Repair Due: FAIL CAUSE:	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E 7/17/2016 er I year.
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No	 4/12/2016 5-year Test Std. Annulus Pres. Test WIT: Well will not hold press 068 4/13/2016 Annual IMIT Bradenhead Test IIT: Repaired? Surface is cer Original failure on 5/5/2 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Permit Violation mented. No paperwork on repair. 2015. Not repaired from previous failure. Out Active Injection - (All Types)	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI: Repair Due: FAIL CAUSE: of compliance over	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E 7/17/2016 er 1 year. 30-015-05472-00-00
TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No Test Date: Test Reason: Test Type: Comments on N TURNER B No TURNER B No	 4/12/2016 5-year Test Std. Annulus Pres. Test WIT: Well will not hold press 068 4/13/2016 Annual IMIT Bradenhead Test MIT: Repaired? Surface is cerroriginal failure on 5/5/2 .053 4/13/2016 	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure sure. Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Permit Violation mented. No paperwork on repair. 2015. Not repaired from previous failure. Out Active Injection - (All Types) Permitted Injection PSI:	Actual PSI: Repair Due: FAIL CAUSE: Actual PSI: Repair Due: FAIL CAUSE: of compliance over	30-015-05435-00-00 B-29-17S-31E 1430 7/16/2016 30-015-05452-00-00 P-29-17S-31E 7/17/2016 er 1 year. 30-015-05472-00-00 I-30-17S-31E

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NORTH BEN	SON QUEEN UNIT No.025			30-015-10127-00-00		
	-	Active Injection - (All Types)		N-28-18S-30E		
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. Of	ut of compliance	over 1 year.		
SKELLY UNI	30-015-20410-00-00					
		Active Injection - (All Types)		E-27-17S-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: Permit Violation	FAIL CAUSE	:		
Comments on	MIT: Original failure on 4/8/2	015. Not repaired from previous failure. Out	of compliance of	over 1 year.		
RED LAKE U	NIT No.016			30-015-23122-00-00		
		Active Injection - (All Types)		O-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 2/17/2	2015. Not repaired from previous failure. Ou				
RED LAKE U	NIT No.012		<u> </u>	30-015-24016-00-00		
		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 1		015. Not repaired from previous failure. Ou				
J L KEEL B No.034 30-015-25447-00-0						
•		Active Injection - (All Types)		H-6-17S-31E		
Test Date:	4/11/2016	Permitted Injection PSI:	Actual PSI:	1250		
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	7/15/2016		
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	.,		
Comments on N						
J L KEEL B N	n.037			30-015-25934-00-00		
		Active Injection - (All Types)		E-5-17S-31E		
Test Date:	4/11/2016	Permitted Injection PSI:	Actual PSI:	1450		
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 N		Need to replace gasket and re-test				
TURNER A No	30-015-29000-00-00					
		Active Injection - (All Types)		C-19-17S-31E		
Test Date:	4/14/2016	Permitted Injection PSI:	Actual PSI:			
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	7/18/2016		
Test Type:	Bradenhead Test	FAIL TYPE: Permit Violation	FAIL CAUSE:			
Comments on MIT: Original failure on 3/25/2015. Not repaired from previous failure. Out of compliance over 1 year. Part of WFX946 implementation.						

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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.