New 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 LINN OPERATING, INC.

"Protecting Our Underground Source: 600 TRAVIS

03-Jun-11

SANDRIDGE EXPLORATION AND PRODUCTION, LLC 123 ROBERT S. KERR AVE OKLAHOMA CITY, OK 73102-

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

STE. 5100

HOUSTON, TX 77002

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.

	<u>MECHAN</u>	ICAL INTEGRITY TEST DETA	IL SECTION						
MALJAMAR (30-025-00445-00-00								
		Active Injection - (All Type	es) O-3-17S-32E						
Test Date:	5/24/2011	Permitted Injection PSI:	Actual PSI:						
Test Reason:	Annual IMIT	Test Result: F	Repair Due: 8/27/2011						
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****3R	D NOTICE OF VIOLATION****							
MALJAMAR (30-025-00454-00-00								
		Active Injection - (All Type	es) K-4-17S-32E						
Test Date:	5/24/2011	Permitted Injection PSI:	Actual PSI:						
Test Reason:	Annual IMIT	Test Result: F	Repair Due: 8/27/2011						
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:						
Comments on MIT: ***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

Oil Conservation Division * 1625 N. French Dr.* * Hobbs, New Mexico 88240 * Phone: (575) 393-6161 * Fax (575) 393-0720* http://www.emnrd.state.nm.us

	GRA	YBURG UNIT No.01	Active Injection - (All Types)	50-0	25-00464-00-00 G-4-17S-32E
Test Date:	5121	/2011	Permitted Injection PSI:	Actual PSI:	0-4-175-521
Test Date: Test Reason:		ual IMIT	Test Result: F	Repair Due:	8/27/2011
Test Reason: Test Type:		lenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
Comments on I			DLATION***WELL IS SHUT IN***UNSUCC		
Comments on I	vii i .		; ****OPERATOR IN VIOLATION OF NMC		
APROCK M	ALJA	MAR UNIT No.014		30-0	25-00527-00-00
	-		Active Injection - (All Types)		I-13-17S-32H
Test Date:	5/24	/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason:		ual IMIT	Test Result: F	Repair Due:	8/27/2011
Test Type:		lenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
Comments on I	MIT:		CONCEDED THAT WELL WILL NOT PASS L IS SHUT IN AT THIS TIME***OPERATO		
APROCK M	ALIA	MAR UNIT No.049		30-0	25-00662-00-0
			Active Injection - (All Types)		H-24-17S-32E
Test Date:	5/24	/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason:		ual IMIT	Test Result: F	Repair Due:	8/27/2011
Test Type:		lenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE	
Comments on I		***PRIOR YEAR VIO	DLATION; **WELL IS SHUT IN** UNSUCC DLATION OF NMOCD RULE 19.15.26.11****	ESSFUL WORK	KOVER 4/2011;
APROCK M	ALJA	MAR UNIT No.006		30-0	25-01439-00-0
APROCK M	ALJA	MAR UNIT No.006		30-0	
APROCK M		MAR UNIT No.006	Active Injection - (All Types)	30-0 Actual PSI:	
Test Date:	5/25	/2011		Actual PSI:	25-01439-00-00 A-17-17S-33I 8/28/2011
Test Date: Test Reason:	5/25 Ann	/2011 ual IMIT	Active Injection - (All Types) Permitted Injection PSI: Test Result: F		A-17-17S-33I 8/28/2011
Test Date:	5/25 Ann Brac	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA	Active Injection - (All Types) Permitted Injection PSI:	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE	A-17-17S-331 8/28/2011 ER PERFORMED
Test Date: Test Reason: Test Type: Comments on N	5/25 Ann Brac MIT:	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA 3/2011; ****OPERAT VIOLATION****	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.13	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI	A-17-17S-33I 8/28/2011 ER PERFORMED NOTICE OF
Test Date: Test Reason: Test Type: Comments on N	5/25 Ann Brac MIT:	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA 3/2011; ****OPERAT	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.1:	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI	A-17-17S-33I 8/28/2011 ER PERFORMED
Test Date: Test Reason: Test Type: Comments on N	5/25 Ann Brac MIT: ALJA	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.13	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI	A-17-17S-331 8/28/2011 ER PERFORME D NOTICE OF 25-01490-00-0
Test Date: Test Reason: Test Type: Comments on P APROCK M Test Date:	5/25 Ann Brac MIT: ALJA 5/25	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF OR IN VIOLATION OF NMOCD RULE 19.13 Active Injection - (All Types)	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI:	A-17-17S-331 8/28/2011 ER PERFORME D NOTICE OF 25-01490-00-0
Test Date: Test Reason: Test Type: Comments on P APROCK M Test Date: Test Reason: Test Type:	5/25 Ann Brac MIT: ALJA 5/25 Ann Brac	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011 ual IMIT lenhead Test ****PRIOR 2 YEAR	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF OR IN VIOLATION OF NMOCD RULE 19.15 Active Injection - (All Types) Permitted Injection PSI:	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI: Repair Due: FAIL CAUSE OR IN VIOLAT	A-17-17S-33I 8/28/2011 ER PERFORMEE D NOTICE OF 25-01490-00-00 J-20-17S-33I 8/28/2011
Test Date: Test Reason: Test Type: Comments on M APROCK M Test Date: Test Reason: Test Type: Comments on M	5/25 Ann Brac MIT: ALJA 5/25 Ann Brac MIT:	/2011 ual IMIT lenhead Test ***PRIOR YEAR FAI 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011 ual IMIT lenhead Test ****PRIOR 2 YEAR NMOCD RULE 19.15	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.1: Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure FAILURE***WELL IS SHUT IN***OPERATE 2.26.11***3RD NOTICE OF VIOLATION****	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI: Repair Due: FAIL CAUSE OR IN VIOLAT *	A-17-17S-33I 8/28/2011 ER PERFORMED NOTICE OF 25-01490-00-00 J-20-17S-33I 8/28/2011
Test Date: Test Reason: Test Type: Comments on M APROCK M Test Date: Test Reason: Test Type: Comments on M	5/25 Ann Brac MIT: ALJA 5/25 Ann Brac MIT:	/2011 ual IMIT lenhead Test ***PRIOR YEAR FA 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011 ual IMIT lenhead Test ****PRIOR 2 YEAR	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.1: Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure FAIL TYPE: Other Internal Failure FAILURE***WELL IS SHUT IN***OPERATI .26.11***3RD NOTICE OF VIOLATION****	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI: Repair Due: FAIL CAUSE OR IN VIOLAT *	A-17-17S-33I 8/28/2011 ER PERFORMED NOTICE OF 25-01490-00-00 J-20-17S-33I 8/28/2011 NOT NOT
Test Date: Test Reason: Test Type: Comments on M APROCK M Test Date: Test Reason: Test Type: Comments on M	5/25 Ann Brac MIT: ALJA 5/25 Ann Brac MIT: ALJA	/2011 ual IMIT lenhead Test ***PRIOR YEAR FAI 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011 ual IMIT lenhead Test ****PRIOR 2 YEAR NMOCD RULE 19.15	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.1: Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure FAILURE***WELL IS SHUT IN***OPERAT 226.11***3RD NOTICE OF VIOLATION**** Active Injection - (All Types)	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI: Repair Due: FAIL CAUSE OR IN VIOLAT *	A-17-17S-331 8/28/2011 ER PERFORMED NOTICE OF 25-01490-00-0 J-20-17S-331 8/28/2011 NOT NOT
Test Date: Test Reason: Test Type: Comments on M APROCK M Test Date: Test Reason: Test Type: Comments on M APROCK M Test Date:	5/25 Ann Brac MIT: ALJA 5/25 Ann Brac MIT: ALJA 5/25	/2011 ual IMIT lenhead Test ***PRIOR YEAR FAI 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011 ual IMIT lenhead Test ****PRIOR 2 YEAR I NMOCD RULE 19.15 MAR UNIT No.083 /2011	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF 'OR IN VIOLATION OF NMOCD RULE 19.13 Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure FAILURE***WELL IS SHUT IN***OPERATI 26.11***3RD NOTICE OF VIOLATION**** Active Injection - (All Types) Permitted Injection PSI:	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI: Repair Due: FAIL CAUSE OR IN VIOLAT * 30-0 Actual PSI:	A-17-17S-33I 8/28/2011 ER PERFORMED NOTICE OF 25-01490-00-00 J-20-17S-33I 8/28/2011 NON OF 25-01493-00-00 O-20-17S-33I
Test Date: Test Reason: Test Type: Comments on M CAPROCK M Test Date: Test Reason: Test Type: Comments on M CAPROCK M	5/25 Ann Brac MIT: ALJA 5/25 Ann Brac MIT: ALJA 5/25 Ann	/2011 ual IMIT lenhead Test ***PRIOR YEAR FAI 3/2011; ****OPERAT VIOLATION**** MAR UNIT No.070 /2011 ual IMIT lenhead Test ****PRIOR 2 YEAR I NMOCD RULE 19.15	Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure ILURE** WELL IS SHUT IN; UNSUCCESSF OR IN VIOLATION OF NMOCD RULE 19.13 Active Injection - (All Types) Permitted Injection PSI: Test Result: F FAIL TYPE: Other Internal Failure FAILURE***WELL IS SHUT IN***OPERATI 26.11***3RD NOTICE OF VIOLATION**** Active Injection - (All Types) Permitted Injection PSI:	Actual PSI: Repair Due: FAIL CAUSE UL WORKOVE 5.26.11****2NI 30-0 Actual PSI: Repair Due: FAIL CAUSE OR IN VIOLAT *	A-17-17S-331 8/28/2011 ER PERFORMEE D NOTICE OF 25-01490-00-00 J-20-17S-331 8/28/2011 NO OF 25-01493-00-00 O-20-17S-331 9/5/2011

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CAPROCK M	ALJAMAR UNIT No.084		30-0	25-01494-00-00
0		Active Injection - (All Types)		P-20-17S-33E
Test Date:	5/25/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	8/28/2011
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	
Comments on		ILURE***WELL IS SHUT IN** UNSUCCE		
		1***OPERATOR IN VIOLATION OF NMC		
CAPROCK M	ALJAMAR UNIT No.069		30-0	25-01496-00-00
	-	Active Injection - (All Types)		K-20-17S-33E
Test Date:	5/25/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	8/28/2011
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	:
Comments on		/ILL NOT BLEED DOWN*** FAILED BH7	F***OPERATO	R IN
	VIOLATION OF NMO	CD RULE 19.15.26.11***		
CAPROCK M	30-0	30-025-01509-00-00		
		Active Injection - (All Types)		E-21-17S-33E
Test Date:	5/25/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	8/28/2011
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:	:
Comments on	MIT: ***PRIOR YEAR FAIL	URE 2007; NO REMEDIAL WORK PERFO	ORMED ON FIL	E***WELL IS
	SHUT IN; ***OPERAT	OR IN VIOLATION OF NMOCD RULE 19	.15.26.11***2N	O NOTICE OF
	VIOLATION****			
CAPROCK M	ALJAMAR UNIT No.093		30-0	25-01526-00-00
0		Active Injection - (All Types)		L-28-17S-33E
Test Date:	5/25/2011	Permitted Injection PSI:	Actual PSI:	
Test Reason:	Annual IMIT	Test Result: F	Repair Due:	8/28/2011
Test Type:	Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE	
Comments on		URE***SUBSEQUENT REPORT SHOWIN		
		D BY OCD DISTRICT I OFFICE****VERB		
		NLY****OPERATOR IN VIOLATION OF		
		****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.

Sincerely 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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SANDRIDGE EXPL & PROD LLC 123 ROBERT S. KERR. AVE. OKLAHOMA CITY, OK 73102

US POSTAGE

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06/03/11 Mailed From 88240

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