

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

# BILL RICHARDSON

Governor Joanna Prukop Cabinet Secretary Mark E. Fesmire, P.E. Director Oil Conservation Division

### \*Response Required - Deadline Enclosed\*

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

11-May-11

## OCCIDENTAL PERMIAN LTD

1017 W STANOLIND ROAD

#### 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, <u>the well(s) must be shut-in immediately</u> 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** NORTH HOBBS G/SA UNIT No.412 30-025-05468-00-00 Approved TA Oil (Producing) A-23-18S-37E Test Date: 5/3/2011 **Permitted Injection PSI:** Actual PSI: Test Reason: Annual IMIT Test Result: F **Repair Due:** 8/6/2011 Test Type: Bradenhead Test FAIL TYPE: Other Internal Failure FAIL CAUSE: BHT FAILURE SURFACE CASING HAS SALT WATER WILL NOT BLEED DOWN \*\*\*\*OPERATOR Comments on MIT: IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*\* NORTH HOBBS G/SA UNIT No.121 30-025-05502-00-00 Approved TA Injection - (All Types) E-25-18S-37E Test Date: **Permitted Injection PSI:** 4/27/2011 Actual PSI: Test Reason: Annual IMIT Test Result: F **Repair Due:** 7/31/2011 Test Type: Bradenhead Test FAIL TYPE: Other Internal Failure FAIL CAUSE: Comments on MIT: PrESSURE ON CASING WOULD NOT BLEED DOWN; FAILED BHT: \*\*\*\*OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11\*\*\*\*\*\*

Oil Conservation Division \* 1625 N. French Drive \* Hobbs, New Mexico 88240 Phone: 505-393-6161 \* Fax: 505-393-0720 \* http://www.emnrd.state.nm.us

NORTH HOBBS G/SA UNIT No.431			30-025-07474-00-00				
	I-30-18S-38E						
Test Date: 4/28/2011	Active Oil (Producing) Permitted Injection PSI:	Actual PSI:	100 100 000				
Test Reason: Annual IMIT	Test Result: F	Repair Due:	8/1/2011				
Test Type: Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE	:				
Comments on MIT: H2S ON SURFACE C RULE 19.15.26.11***	ASING FAILED BHT 2PPM *****OPERAT( *	OR IN VIOLATI	ON OF NMOCD				
NORTH HOBBS G/SA UNIT No.331			30 035 07539 00 00				
	Active Injection - (All Types)		<b>30-025-07538-00-00</b> J-32-18S-38E				
Test Date: 5/9/2011	Permitted Injection PSI:	Actual PSI:	J-32-188-38E				
Test Reason: Annual IMIT	Test Result: F	Repair Due:	8/12/2011				
Test Type: Std. Annulus Pres. Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE					
	LOAD WENT ON VACUUM; ***OPERAT						
NORTH HOBBS G/SA UNIT No.341			30-025-07539-00-00				
	Active Injection - (All Types)		O-32-18S-38E				
Test Date: 4/28/2011	Permitted Injection PSI:	Actual PSI:	, 0-52-165-58E				
Test Reason: Annual IMIT	Test Result: F	Repair Due:	8/1/2011				
Test Type: Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:					
Comments on MIT: OIL ON INTERMEDI NMOCD RULE 19.15	ATE CASING DID NOT BLEED DOWN: **	*OPERATOR IN	VIOLATION OF				
NORTH HOBBS G/SA UNIT No.221			30-025-07560-00-00				
	Active Injection - (All Types)		F-33-18S-38E				
Test Date: 5/9/2011	Permitted Injection PSI:	Actual PSI:	1 55 105 50E				
Test Reason: Annual IMIT	Test Result: F	Repair Due:	8/12/2011				
Test Type: Std. Annulus Pres. Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:					
Comments on MIT:							
SOUTH HOBBS G/SA UNIT No.053			30-025-07612-00-00				
	Active Injection - (All Types)		M-4-19S-38E				
Test Date: 5/4/2011	Permitted Injection PSI:	Actual PSI:	MI-4-173-30L				
Test Reason: Annual IMIT	Test Result: F	Repair Due:	8/7/2011				
Test Type: Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:					
Comments on MIT: ***FAILED BHT*****OPERATOR SUBMITTED NOI TO CHECK CASING****WELL FAILED BHT 5/4/2011 DUE TO CONTINUOUS BLOW ON SURFACE CASING AND CONTINUOUS BLOW ON PRODUCTION CASING ****OPERATOR IN VIOLATION OF NMOCD RULE 19.15.26.11*****							
SOUTH HOBBS G/SA UNIT No.066							
555 III HODDS G/SA UNIT 110,000	A ative Telestics (All mark)		30-025-07672-00-00				
Test Date: 5/2/2011	Active Injection - (All Types) Permitted Injection PSI:	Actual PSI:	D-10-19S-38E				
Test Reason: Annual IMIT	Test Result: F		0/5/0011				
Test Type: Bradenhead Test	FAIL TYPE: Other Internal Failure	Repair Due:	8/5/2011				
	ING WOULD NOT BLEED DOWN*****OP	FAIL CAUSE: ERATOR IN VIC	DLATION OF				
SOUTH HOBBS G/SA UNIT No.068			30-025-07679-00-00				
	Approved TA Injection - (All Types)		B-10-19S-38E				
Test Date: 5/2/2011	Permitted Injection PSI:	Actual PSI:					
Test Reason: Annual IMIT	Test Result: F	Repair Due:	8/5/2011				
Test Type: Bradenhead Test	FAIL TYPE: Other Internal Failure	FAIL CAUSE:					
Comments on MIT: ***FAILED BHT TA'D WELL CASING WOULD NOT BLEED***OPERATOR IN VIOLATION OF NMOCD RULE 19.16.26.11****							
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NORTH HOB	BS G	/SA UNIT No.341				30-025-24665-00-00
Active Oil (Producing)					O-30-18S-38E	
Test Date:	Test Date: 5/4/2011		Permitted Injection PS1:		Actual PSI:	
Test Reason:	Test Reason: Annual IMIT		Test Result:	F	Repair Due:	8/7/2011
Test Type:	Test Type: Bradenhead Test		FAIL TYPE: Other Internal Failure		FAIL CAUSE:	
Comments on i	MIT:	****FAILED 2ND BHT HAVE C02. BUILDS BA 19.15.26.11****	FOR SURFACE ACK UP IMMED	CASING 180# DID NOT F IATELY. ****OPERATO	IAS H2S MEASI R IN VIOLATIO	UREMENT/ DOES N OF NMOCD RULE
NORTH HOB	BS G	SA UNIT No.242				30-025-28413-00-00
			Active Injection - (All Types)			N-29-18S-38E
Test Date:	Test Date: 5/3/2011		Permitted Injection PSI:		Actual PSI:	
Test Reason:	Ann	ual IMIT	Test Result:	F	Repair Due:	8/6/2011
Test Type:		lenhead Test		ther Internal Failure	FAIL CAUSE:	
Comments on I	MIT:	FAILED BHT CASING RULE 19.15.26.11*****	WOULD NOT B	LEED DOWN ****OPERA	TOR IN VIOLA	TION OF NMOCD
NORTH HOB	BS G/	SA UNIT No.547				30-025-36242-00-00
			Active	Oil (Producing)		P-30-18S-38E
Test Date:	4/28	/2011	Permitted Inject	ion PSI:	Actual PSI:	
Test Reason:	Test Reason: Annual IMIT		Test Result:	F	Repair Due:	8/1/2011
Test Type:	Test Type: Bradenhead Test				FAIL CAUSE:	
Comments on 1	MIT:	FAILED BHT DUE TO S C02PRESSURE BUILDS RULE 19.15.26.11****	SURFACE CASII S BACK UP IMN	NG; 2ND BHT CHECK SH MEDIATELY ****OPERA	IOWS 680# ON S TOR IN VIOLAT	SURFACE CASING; FION OF NMOCD
NORTH HOB	BS G/	SA UNIT No.546				30-025-36280-00-00
			Active	Oil (Producing)		I-30-18S-38E
Test Date:	5/4/	2011	Permitted Inject	ion PSI:	Actual PSI:	
Test Reason: Annual IMIT		Test Result:	F	Repair Due:	8/7/2011	
Test Type:	Brac	lenhead Test	FAIL TYPE: O	ther Internal Failure	FAIL CAUSE:	
Comments on MIT: ***2ND BHT FOR SURFACE CASING 100#. BLED OFF AND BUILDS BACK UP ON SURFACE CASING. 6 PPM HS2 ON SURFACE WILL FAIL AT THIS TIME***** CPROX WELL****						

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

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.



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