

## NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON** 

Governor

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Jim Noel Cabinet Secretary Karen W. Garcia Deputy Cabinet Secretary

\*Response Required - Deadline Enclosed\*

Underground Injection Control Program

"Protecting Our Underground Sources of Drinking Water"

19-Nov-10

RIDGEWAY ARIZONA OIL CORP.

ONE RIVERWAY, SUITE 610 HOUSTON TX 77056-

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

EROO SA UNIT No.033			30-005-10440-00-00
	Active Injection - (All Types)		B-3-8S-33E
11/17/2010	Permitted Injection PS1:	Actual PSI:	
Annual IMIT	Test Result: F	Repair Due:	2/20/2011
Std. Annulus Pres. Test	FAIL TYPE: Casing	FAIL CAUSE:	
IIT: Well will not hold press	sure. TEST FAILED. MGB.		
EROO SA UNIT No.042			30-005-10551-00-00
	Active Injection - (All Types)		P-3-8S-33E
11/17/2010	Permitted Injection PSI:	Actual PSI:	
Annual IMIT	Test Result: F	Repair Due:	2/20/2011
Annual IVII I	reservesure.	Repair Duc.	212012011
	Annual IMIT Std. Annulus Pres. Test IT: Well will not hold press EROO SA UNIT No.042	Active Injection - (All Types)  Permitted Injection PS1:  Annual IMIT Test Result: F  Std. Annulus Pres. Test FAIL TYPE: Casing IT: Well will not hold pressure. TEST FAILED. MGB.  EROO SA UNIT No.042  Active Injection - (All Types)	Active Injection - (All Types)  11/17/2010 Permitted Injection PSI: Actual PSI:  Annual IMIT Test Result: F Repair Due:  Std. Annulus Pres. Test FAIL TYPE: Casing FAIL CAUSE:  IT: Well will not hold pressure. TEST FAILED. MGB.  EROO SA UNIT No.042  Active Injection - (All Types)

HALEY CHAVEROO SA UNIT No.014

30-041-10137-00-00

Active Injection - (All Types)

F-33-7S-33E

Test Date:

11/16/2010

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT:

Well will not hold pressure. UNABLE TO LOAD CSG. PUMPED AS HIGH AS 4 BPM THEN DOWN

TO .4 BPM. WELL STILL WOULD NOT PRESSURE UP TO 300#. MGB.

HALEY CHAVEROO SA UNIT No.018

Active Injection - (All Types)

30-041-10138-00-00 J-33-7S-33E

Test Date:

11/17/2010

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Well will not hold pressure. CSG FULL PUMPED ADDITIONAL 8 BBLS. TEST FAILED. MGB.

HALEY CHAVEROO SA UNIT No.012H

30-041-10140-00-00 H-33-7S-33E

2/20/2011

2/20/2011

2/20/2011

2/19/2011

11/17/2010

Permitted Injection PSI:

Active Oil (Producing)

Actual PSI:

Test Date: Test Reason:

Annual IMIT

Test Result:

Repair Due:

Test Type: Std. Annulus Pres. Test FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Well will not hold pressure. TEST FAILED. MGB.

HALEY CHAVEROO SA UNIT No.025

Active Injection - (All Types)

30-041-10164-00-00 N-33-7S-33E

Test Date:

11/17/2010

Permitted Injection PSI:

**Actual PSI:** 

Test Reason:

Annual IMIT

Test Result:

Repair Due:

FAIL CAUSE:

FAIL TYPE: Communication Between Test Type: Std. Annulus Pres. Test Well would not pressure-up. COMMUNICATED BETWEEN CSG STRINGS. TEST FAILED. MGB. Comments on MIT:

HALEY CHAVEROO SA UNIT No.001

30-041-10174-00-00

D-33-7S-33E

Active Injection - (All Types)

Test Date:

11/17/2010

Permitted Injection PSI:

Actual PSI:

Repair Due: 2/20/2011

Test Reason:

Annual IMIT

Test Result:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Other Internal Failure

FAIL CAUSE:

Comments on MIT: Well will not hold pressure. FAILED TEST. MGB.

HALEY CHAVEROO SA UNIT No.012

Approved TA Injection - (All Types)

30-041-10213-00-00 L-34-7S-33E

Test Date:

11/17/2010

Permitted Injection PSI:

Actual PSI:

Test Reason:

TA Status Test

Test Result:

Repair Due:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Wellhead Assembly

FAIL CAUSE:

TEST FAILED. AT 100# TBG JUMPED UP 4" AND WELLHEAD STARTED TO LEAK. MGB. Comments on MIT:

HALEY CHAVEROO SA UNIT No.005

30-041-10218-00-00

2/20/2011

2/19/2011

2/20/2011

Active Injection - (All Types)

D-34-7S-33E

Test Date:

11/16/2010 Annual IMIT Permitted Injection PSI:

**Actual PSI:** Repair Duc:

Test Reason: Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Well will not hold pressure. LEAKS AROUND WELLHEAD BELOW GROUND LEVEL. MGB.

Test Result:

HALEY CHAVEROO SA UNIT No.007

30-041-10243-00-00 B-34-7S-33E

Active Injection - (All Types)

F

**Actual PSI:** 

Test Date: Test Reason:

11/17/2010 Annual IMIT

Test Result:

Repair Due:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

Permitted Injection PSI:

FAIL CAUSE:

Well will not hold pressure. TEST FAILED. CSG FULL, STARTS TO PRESSURE UP, FALLS OFF Comments on MIT: WHEN PUMP STOPS. MGB.

## HALEY CHAVEROO SA UNIT No.031

30-041-10421-00-00

Active Injection - (All Types)

P-34-7S-33E

2/20/2011

2/20/2011

Test Date:

11/17/2010

Permitted Injection PSI:

**Actual PSI:** 

Test Reason:

Annual IMIT

Test Result:

Repair Duc:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Wellhead Assembly

FAIL CAUSE:

Comments on MIT: Well will not hold pressure. TEST FAILED. LEAKS BELOW GROUND LEVEL. MGB.

HALEY CHAVEROO SA UNIT No.029

Active Injection - (All Types)

30-041-10450-00-00 N-34-7S-33E

Test Date:

11/17/2010

Permitted Injection PSI:

**Actual PSI:** 

Test Reason:

Annual IMIT

Test Result:

Repair Due:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Well will not hold pressure. TEST FAILED. MGB.

JENNIFER CHAVEROO SA UNIT No.042

30-041-10553-00-00

M-25-7S-33E

Active Injection - (All Types)

Test Date:

11/18/2010

Permitted Injection PSI:

Actual PSI:

Test Reason:

Annual IMIT

Test Result:

Repair Due:

2/21/2011

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

**FAIL CAUSE:** 

Comments on MIT: Well would not pressure-up. TEST FAILED. MGB.

JENNIFER CHAVEROO SA UNIT No.072

30-041-10593-00-00 I-25-7S-33E

Active Injection - (All Types)

11/18/2010

Permitted Injection PSI:

Actual PSI:

Test Date: Test Reason:

Annual IMIT

Test Result:

Repair Due: 2/21/2011

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Well would not pressure-up. TEST FAILED. NO WELL SIGN. NO VALVE ON SURF CSG.

JENNIFER CHAVEROO SA UNIT No.053

30-041-20100-00-00

Test Date:

Active Injection - (All Types)

G-36-7S-33E

11/18/2010

Permitted Injection PSI:

**Actual PSI:** Repair Due:

2/21/2011

Test Reason: Test Type:

Annual IMIT

Test Result: FAIL TYPE: Casing

FAIL CAUSE:

Std. Annulus Pres. Test Comments on MIT:

Well would not pressure-up. TEST FAILED. NO WELL SIGN, MGB.

30-041-20769-00-00

**TUCKER No.005** 

Active Salt Water Disposal Well

M-24-7S-32E

Test Date:

11/16/2010

Permitted Injection PSI:

**Actual PSI:** 

2/19/2011

Test Reason: Test Type:

Annual IMIT

Test Result:

Well will not hold pressure NO WELL SIGN. MGB.

Repair Due: FAIL CAUSE:

Comments on MIT:

Std. Annulus Pres. Test

FAIL TYPE: Other Internal Failure

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.

EMNRD OIL CONSERVATION DIVISION 1625 N FRENCH DRIVE HOBBS NM 88240

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Mailed From 88240

11/19/10

RIDGEWAY RIZONA OIL CORP ONE RIVERWAY, SUITE 610 HOUSTON TX 77056