

## NEW MEXICO ENERGY, MINERALS NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON** 

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E. Director

Oil Conservation Division

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

23-Jun-05

WISER OIL CO (THE)

PO Box 2568

Hobbs NM 88241-0000

## NOTICE 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.

BARROTT ABITO AT	INTECDITY TEST DETAIL	CECTION

SKELLY UNIT No.033

Active Injection - (All Types)

30-015-05140-00-00 M-14-17S-31E

Test Date:

6/6/2005

Permitted Injection PSI:

Actual PSI:

Test Reason:

**Annual IMIT** 

Test Type:

Test Result:

Repair Due:

9/9/2005

**Bradenhead Test** 

FAIL TYPE: Permit Violation

FAIL CAUSE:

Comments on MIT: Previous IMIT failure - Not repaired

30-015-05144-00-00

**SKELLY UNIT No.024** 

Active Injection - (All Types)

L-14-17S-31E

Test Date: Test Reason: 6/6/2005

Permitted Injection PSI:

Actual PSI:

9/9/2005

5-year Test

Test Result:

Repair Duc:

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Behind CSG Flow

FAIL CAUSE:

Comments on MIT:

Well will not hold pressure

SKELLY UNIT No.103

Active Injection - (All Types)

30-015-05148-00-00 C-14-17S-31E

Test Date:

6/6/2005

Permitted Injection PSI:

Actual PSI:

Test Reason:

1800 9/9/2005

Test Type:

5-year Test

Test Result:

Repair Due:

Std. Annulus Pres. Test

FAIL TYPE: Behind CSG Flow

**FAIL CAUSE:** 

Comments on MIT: Well will not hold pressure, circulating thru red valve.

Oil Conservation Division \* 1301 W. Grand \* Artesia, New Mexico 88210 Phone: 505-748-1283 \* Fax: 505-748-9720 \* http://www.emnrd.state.nm.us SKELLY UNIT No.105

30-015-05149-00-00 F-14-17S-31E

Active Injection - (All Types)

Permitted Injection PSI:

**Actual PSI:** 

Test Date: Test Reason: 6/6/2005

Annual IMIT

Test Result:

F

Repair Due: 9/9/2005

Test Type:

Bradenhead Test

FAIL TYPE: Permit Violation

FAIL CAUSE:

Comments on MIT: Previous IMIT failure - Not repaired

30-015-05154-00-00

SKELLY UNIT No.018

Active Injection - (All Types)

D-15-17S-31E

Test Date:

6/9/2005

**Permitted Injection PSI:** 

**Actual PSI:** 

9/12/2005

Test Reason:

Test Result:

Repair Due:

Test Type:

Annual IMIT

FAIL CAUSE:

**Bradenhead Test** 

FAIL TYPE: Operational Violation

Comments on MIT:

Well not injecting, could not witness injection pressure. Previous inspections indicate injection pressure over

**SKELLY UNIT No.020** 

Active Injection - (All Types)

G-15-17S-31E

Test Date:

6/9/2005

Permitted Injection PSI:

Actual PSI:

30-015-05161-00-00

Test Reason:

5-year Test

Test Result.

F

Repair Due:

9/12/2005

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Behind CSG Flow

Comments on MIT:

**FAIL CAUSE:** 

Previous IMIT failure - Not repaired. Behind casing flow, circulated outside of surface casing.

**SKELLY UNIT No.074** 

Active Injection - (All Types)

30-015-05331-00-00 M-21-17S-31E

Test Date:

6/16/2005

**Permitted Injection PSI:** 

Actual PSI:

FAIL CAUSE:

Test Reason:

5-year Test

Test Result:

Repair Due:

9/19/2005

Test Type: Std. Annulus Pres. Test Comments on MIT:

FAIL TYPE: Operational Violation Previous IMIT failure - Not repaired

SKELLY UNIT No.052

Active Injection - (All Types)

30-015-05345-00-00 J-22-17S-31E

Test Date:

6/14/2005

Permitted Injection PSI:

Actual PSI:

Test Reason:

5-year Test

Test Result:

Repair Due:

9/17/2005

Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Casing

**FAIL CAUSE:** 

SKELLY UNIT No.055

Comments on MIT: Well will not hold pressure

Active Injection - (All Types)

30-015-05349-00-00 M-22-17S-31E

Test Date:

Permitted Injection PSI:

Actual PSI:

Test Reason:

6/16/2005 **Annual IMIT** 

Repair Due:

Test Result:

**FAIL CAUSE:** 

9/19/2005

Test Type:

**SKELLY UNIT No.054** 

**Bradenhead Test** FAIL TYPE: Operational Violation Comments on MIT: Previous IMIT failure - Not repaired

Active Injection - (All Types)

30-015-05351-00-00 L-22-17S-31E

Test Date:

6/14/2005

Permitted Injection PSI:

Actual PSI:

Test Reason:

5-year Test

Test Result:

Repair Due:

Test Type:

Std. Annulus Pres. Test Comments on MIT: Previous IMIT failure - Not repaired

FAIL TYPE: Operational Violation

F

9/17/2005 FAIL CAUSE:

**SKELLY UNIT No.040** 

Active Injection - (All Types)

30-015-05360-00-00 D-23-17S-31E

9/9/2005

Test Date:

6/6/2005 5-vear Test Permitted Injection PSI: Test Result:

Actual PSI:

Test Reason: Test Type:

Std. Annulus Pres. Test

FAIL TYPE: Tubing

Repair Due: **FAIL CAUSE:** 

Comments on MIT:

Casing pressure 800 # and would not bleed down to 0

**SKELLY UNIT No.047** 30-015-05364-00-00 Active Injection - (All Types) E-23-17S-31E Actual PSI: Test Date: Permitted Injection PSI: 6/14/2005 Test Reason: Test Result: Repair Due: 5-year Test 9/17/2005 Test Type: FAIL TYPE: Casing FAIL CAUSE: Std. Annulus Pres. Test Comments on MIT: Previous IMIT failure - Not repaired. Well will not hold pressure. SKELLY UNIT No.070 30-015-05365-00-00 Active Injection - (All Types) I-23-17S-31E Test Date: Permitted Injection PSI: Actual PSI: 1600 6/15/2005 Test Reason: **Annual IMIT** Test Result: Repair Due: 9/18/2005 FAIL TYPE: Permit Violation Test Type: **Bradenhead Test** FAIL CAUSE: Comments on MIT: Injection pressure over limit SKELLY UNIT No.072 30-015-05372-00-00 Active Injection - (All Types) K-23-17S-31E **Actual PSI:** Test Date: Permitted Injection PSI: 1800 6/14/2005 Test Reason: Test Result: Repair Due: 9/17/2005 5-year Test Test Type: FAIL TYPE: Casing FAIL CAUSE: Std. Annulus Pres. Test Comments on MIT: Well will not hold pressure LEA D No.002 30-015-05412-00-00 Active Injection - (All Types) A-26-17S-31E Actual PSI: Test Date: 6/15/2005 Permitted Injection PSI: Test Reason: Test Result: Repair Due: 9/18/2005 Annual IMIT Test Type: FAIL TYPE: Operational Violation **FAIL CAUSE:** Bradenhead Test Comments on MIT: Previous IMIT failure - Not repaired LEA D No.005 30-015-05415-00-00 Active Injection - (All Types) I-26-17S-31E Test Date: Permitted Injection PSI: Actual PSI: 6/16/2005 Test Reason: 5-year Test Test Result: Repair Due: 9/19/2005 Test Type: Std. Annulus Pres. Test FAIL TYPE: Casing FAIL CAUSE: **Comments on MIT:** SKELLY UNIT No.083 30-015-05418-00-00 Active Injection - (All Types) D-26-17S-31E Test Date: **Actual PSI:** 6/16/2005 Permitted Injection PSI: Test Reason: **Annual IMIT** Test Result: Repair Due: 9/19/2005 Test Type: FAIL TYPE: Operational Violation **Bradenhead Test** FAIL CAUSE: Comments on MIT: Previous IMIT failure - Not repaired **SKELLY UNIT No.087** 30-015-05420-00-00 Active Injection - (All Types) D-27-17S-31E Permitted Injection PSI: Test Date: 6/16/2005 Actual PSI: Test Reason:

Test Result: Repair Due: 9/19/2005

C-27-17S-31E

5-year Test Test Type: Std. Annulus Pres. Test FAIL TYPE: Operational Violation

FAIL CAUSE:

Previous IMIT failure - Not repaired Comments on MIT:

SKELLY UNIT No.086 30-015-05421-00-00

> Active Injection - (All Types) Permitted Injection PSI: 6/17/2005

Test Date: Actual PSI: 1850 Test Reason: Test Result:

5-year Test Repair Due: 9/20/2005

Test Type: Std. Annulus Pres. Test FAIL TYPE: Equipment - Specify in C FAIL CAUSE:

Comments on MIT: Unable to open bradenhead valves. **SKELLY UNIT No.090** 

30-015-05428-00-00

Active Injection - (All Types)

C-28-17S-31E

Test Date:

6/16/2005

Permitted Injection PSI:

Actual PSI:

Test Reason:

**Annual IMIT** 

Test Result:

Repair Due:

Test Type:

Bradenhead Test

FAIL TYPE: Operational Violation

FAIL CAUSE:

**SKELLY UNIT No.108** 

Comments on MIT: Previous IMIT failure - Not repaired .

Active Injection - (All Types)

30-015-20406-00-00 A-15-17S-31E

Test Date:

6/9/2005

Permitted Injection PSI:

Actual PSI:

Test Reason:

Repair Due:

9/12/2005

9/19/2005

Test Type:

5-year Test

Test Result: **FAIL TYPE: Casing** 

FAIL CAUSE:

Comments on MIT: Well will not hold pressure

Std. Annulus Pres. Test

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.

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.