



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

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**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.

#### ***MECHANICAL INTEGRITY TEST DETAIL SECTION***

##### **SKELLY UNIT No.033**

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

##### **Active Injection - (All Types)**

Test Date: 6/6/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: 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

##### **SKELLY UNIT No.024**

**30-015-05144-00-00  
L-14-17S-31E**

##### **Active Injection - (All Types)**

Test Date: 6/6/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: 5-year Test

Test Result: F

Repair Due: 9/9/2005

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**

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

##### **Active Injection - (All Types)**

Test Date: 6/6/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: 5-year Test

Test Result: F

Repair Due: 9/9/2005

Test Type: Std. Annulus Pres. Test

FAIL TYPE: Behind CSG Flow

FAIL CAUSE:

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

**SKELLY UNIT No.105****30-015-05149-00-00**

F-14-17S-31E

**Active Injection - (All Types)****Test Date:** 6/6/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 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**SKELLY UNIT No.018****30-015-05154-00-00**

D-15-17S-31E

**Active Injection - (All Types)****Test Date:** 6/9/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** Annual IMIT**Test Result:** F**Repair Due:** 9/12/2005**Test Type:** Bradenhead Test**FAIL TYPE:** Operational Violation**FAIL CAUSE:****Comments on MIT:** Well not injecting, could not witness injection pressure. Previous inspections indicate injection pressure over max limit.**SKELLY UNIT No.020****30-015-05161-00-00**

G-15-17S-31E

**Active Injection - (All Types)****Test Date:** 6/9/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 5-year Test**Test Result:** F**Repair Due:** 9/12/2005**Test Type:** Std. Annulus Pres. Test**FAIL TYPE:** Behind CSG Flow**FAIL CAUSE:****Comments on MIT:** Previous IMIT failure - Not repaired. Behind casing flow, circulated outside of surface casing.**SKELLY UNIT No.074****30-015-05331-00-00**

M-21-17S-31E

**Active Injection - (All Types)****Test Date:** 6/16/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 5-year Test**Test Result:** F**Repair Due:** 9/19/2005**Test Type:** Std. Annulus Pres. Test**FAIL TYPE:** Operational Violation**FAIL CAUSE:****Comments on MIT:** Previous IMIT failure - Not repaired**SKELLY UNIT No.052****30-015-05345-00-00**

J-22-17S-31E

**Active Injection - (All Types)****Test Date:** 6/14/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 5-year Test**Test Result:** F**Repair Due:** 9/17/2005**Test Type:** Std. Annulus Pres. Test**FAIL TYPE:** Casing**FAIL CAUSE:****Comments on MIT:** Well will not hold pressure**SKELLY UNIT No.055****30-015-05349-00-00**

M-22-17S-31E

**Active Injection - (All Types)****Test Date:** 6/16/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** Annual IMIT**Test Result:** F**Repair Due:** 9/19/2005**Test Type:** Bradenhead Test**FAIL TYPE:** Operational Violation**FAIL CAUSE:****Comments on MIT:** Previous IMIT failure - Not repaired**SKELLY UNIT No.054****30-015-05351-00-00**

L-22-17S-31E

**Active Injection - (All Types)****Test Date:** 6/14/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 5-year Test**Test Result:** F**Repair Due:** 9/17/2005**Test Type:** Std. Annulus Pres. Test**FAIL TYPE:** Operational Violation**FAIL CAUSE:****Comments on MIT:** Previous IMIT failure - Not repaired**SKELLY UNIT No.040****30-015-05360-00-00**

D-23-17S-31E

**Active Injection - (All Types)****Test Date:** 6/6/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 5-year Test**Test Result:** F**Repair Due:** 9/9/2005**Test Type:** Std. Annulus Pres. Test**FAIL TYPE:** Tubing**FAIL CAUSE:****Comments on MIT:** Casing pressure 800 # and would not bleed down to 0

**SKELLY UNIT No.047****30-015-05364-00-00**  
E-23-17S-31E**Active Injection - (All Types)**

Test Date: 6/14/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: 5-year Test

Test Result: F

Repair Due: 9/17/2005

Test Type: Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Previous IMIT failure - Not repaired. Well will not hold pressure.

**SKELLY UNIT No.070****30-015-05365-00-00**  
I-23-17S-31E**Active Injection - (All Types)**

Test Date: 6/15/2005

Permitted Injection PSI:

Actual PSI: 1600

Test Reason: Annual IMIT

Test Result: F

Repair Due: 9/18/2005

Test Type: Bradenhead Test

FAIL TYPE: Permit Violation

FAIL CAUSE:

Comments on MIT: Injection pressure over limit

**SKELLY UNIT No.072****30-015-05372-00-00**  
K-23-17S-31E**Active Injection - (All Types)**

Test Date: 6/14/2005

Permitted Injection PSI:

Actual PSI: 1800

Test Reason: 5-year Test

Test Result: F

Repair Due: 9/17/2005

Test Type: Std. Annulus Pres. Test

FAIL TYPE: Casing

FAIL CAUSE:

Comments on MIT: Well will not hold pressure

**LEA D No.002****30-015-05412-00-00**  
A-26-17S-31E**Active Injection - (All Types)**

Test Date: 6/15/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: Annual IMIT

Test Result: F

Repair Due: 9/18/2005

Test Type: Bradenhead Test

FAIL TYPE: Operational Violation

FAIL CAUSE:

Comments on MIT: Previous IMIT failure - Not repaired

**LEA D No.005****30-015-05415-00-00**  
I-26-17S-31E**Active Injection - (All Types)**

Test Date: 6/16/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: 5-year Test

Test Result: F

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**  
D-26-17S-31E**Active Injection - (All Types)**

Test Date: 6/16/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: Annual IMIT

Test Result: F

Repair Due: 9/19/2005

Test Type: Bradenhead Test

FAIL TYPE: Operational Violation

FAIL CAUSE:

Comments on MIT: Previous IMIT failure - Not repaired

**SKELLY UNIT No.087****30-015-05420-00-00**  
D-27-17S-31E**Active Injection - (All Types)**

Test Date: 6/16/2005

Permitted Injection PSI:

Actual PSI:

Test Reason: 5-year Test

Test Result: F

Repair Due: 9/19/2005

Test Type: Std. Annulus Pres. Test

FAIL TYPE: Operational Violation

FAIL CAUSE:

Comments on MIT: Previous IMIT failure - Not repaired

**SKELLY UNIT No.086****30-015-05421-00-00**  
C-27-17S-31E**Active Injection - (All Types)**

Test Date: 6/17/2005

Permitted Injection PSI:

Actual PSI: 1850

Test Reason: 5-year Test

Test Result: F

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****C-28-17S-31E****Active Injection - (All Types)****Test Date:** 6/16/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** Annual IMIT**Test Result:** F**Repair Due:** 9/19/2005**Test Type:** Bradenhead Test**FAIL TYPE:** Operational Violation**FAIL CAUSE:****Comments on MIT:** Previous IMIT failure - Not repaired**SKELLY UNIT No.108****30-015-20406-00-00****A-15-17S-31E****Active Injection - (All Types)****Test Date:** 6/9/2005**Permitted Injection PSI:****Actual PSI:****Test Reason:** 5-year Test**Test Result:** F**Repair Due:** 9/12/2005**Test Type:** Std. Annulus Pres. Test**FAIL TYPE:** Casing**FAIL CAUSE:****Comments on MIT:** Well will not hold pressure

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,

*Henry Hays*  
Artesia OCD District Office *CH*

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.