



# 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-Dec-09

**SOUTHWEST ROYALTIES INC**

6 DESTA DRIVE SUITE 2100

MIDLAND TX 79705-

**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***

**SHOLES B 25 No.002** **30-025-09808-00-00**  
B-25-25S-36E

Active Salt Water Disposal Well

<b>Test Date:</b> 12/10/2009	<b>Permitted Injection PSI:</b>	<b>Actual PSI:</b>
<b>Test Reason:</b> 5-year Test	<b>Test Result:</b> F	<b>Repair Due:</b> 3/15/2010
<b>Test Type:</b> Std. Annulus Pres. Test	<b>FAIL TYPE:</b> Packer	<b>FAIL CAUSE:</b>
<b>Comments on MIT:</b> MIT FAILURE. WELL LOST MORE THAN 10% WITHIN 30 MIN. NO SURFACE RISER TO EVALUATE CSG.		

**CITIES FEDERAL No.002** **30-025-28474-00-00**  
M-20-22S-36E

Active Salt Water Disposal Well

<b>Test Date:</b> 12/10/2009	<b>Permitted Injection PSI:</b>	<b>Actual PSI:</b>
<b>Test Reason:</b> 5-year Test	<b>Test Result:</b> F	<b>Repair Due:</b> 3/15/2010
<b>Test Type:</b> Std. Annulus Pres. Test	<b>FAIL TYPE:</b> Tubing	<b>FAIL CAUSE:</b>
<b>Comments on MIT:</b> Well will not hold pressure. Attempted 3 times, with significant bleed off within 5 minutes. OCD has chart.		

MARALO STATE No.002

30-025-30125-00-00

Active Salt Water Disposal Well

N-28-18S-37E

Test Date: 12/10/2009

Permitted Injection PSI:

Actual PSI:

Test Reason: Annual IMIT

Test Result: F

Repair Due: 3/15/2010

Test Type: Bradenhead Test

FAIL TYPE: Equipment - Specify in Co

FAIL CAUSE:

Comments on MIT: No bradenhead connection visible. RISER STILL NEEDS TO BE INSTALLED, EVEN IF 5 1/2 HAS CIRC CMT.

STATE K-5796 No.003

30-025-30678-00-00

Active Oil (Producing)

G-7-17S-35E

Test Date: 12/10/2009

Permitted Injection PSI:

Actual PSI:

Test Reason: Annual IMIT

Test Result: F

Repair Due: 3/15/2010

Test Type: Bradenhead Test

FAIL TYPE: Operational Violation

FAIL CAUSE:

Comments on MIT: No bradenhead connection visible

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,



C.O.

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



HASLER 017H15554612  
\$0.440  
12/11/2009  
Mailed From 88240  
US POSTAGE

SOUTHWEST ROYALTIES INC.  
6 DESTA DRIVE STE 2100  
MIDLAND, TX 79705