



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

Committed to the protection and conservation of New Mexico's natural resources

21-Mar-05

MACK ENERGY CORP

PO BOX 960

ARTESIA NM 88211-0960

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

ETZ STATE UNIT No.101			30-015-20547-00-00
Active Injection - (All Types)			A-17-17S-30E
Test Date:	3/16/2005	Permitted Injection PSI:	Actual PSI: 1180
Test Reason:	5-year Test	Test Result: F	Repair Due: 6/19/2005
Test Type:	Std. Annulus Pres. Test	FAIL TYPE: Behind CSG Flow	FAIL CAUSE:
Comments on MIT:	Behind casing flow		
ETZ STATE UNIT No.103			30-015-20550-00-00
Active Injection - (All Types)			C-16-17S-30E
Test Date:	3/16/2005	Permitted Injection PSI:	Actual PSI: 1020
Test Reason:	5-year Test	Test Result: F	Repair Due: 6/19/2005
Test Type:	Std. Annulus Pres. Test	FAIL TYPE: Casing	FAIL CAUSE:
Comments on MIT:	Well will not hold pressure		
ETZ STATE UNIT No.111			30-015-20747-00-00
Active Injection - (All Types)			K-16-17S-30E
Test Date:	3/16/2005	Permitted Injection PSI:	Actual PSI: 0
Test Reason:	5-year Test	Test Result: F	Repair Due: 6/19/2005
Test Type:	Std. Annulus Pres. Test	FAIL TYPE: Casing	FAIL CAUSE:
Comments on MIT:	Well will not hold pressure		

NEW MEXICO E O STATE COM No.001

30-015-25077-00-00

Active Salt Water Disposal Well

E-20-17S-29E

Test Date: 3/14/2005	Permitted Injection PSI:	Actual PSI: 0
Test Reason: 5-year Test	Test Result: F	Repair Due: 6/17/2005
Test Type: Std. Annulus Pres. Test	FAIL TYPE: Behind CSG Flow	FAIL CAUSE:
Comments on MIT: Water circulating thru bradenhead.		

MUSKEGON 16 STATE COM No.001

30-015-27108-00-00

Active Salt Water Disposal Well

N-16-17S-29E

Test Date: 3/14/2005	Permitted Injection PSI:	Actual PSI: 190
Test Reason: 5-year Test	Test Result: F	Repair Due: 6/17/2005
Test Type: Std. Annulus Pres. Test	FAIL TYPE: Casing	FAIL CAUSE:
Comments on MIT: Well would not pressure-up. Pumped 10 bbls @ 80 psi.		

AID STATE 14 No.001

30-015-29569-00-00

Active Salt Water Disposal Well

O-14-17S-28E

Test Date: 3/14/2005	Permitted Injection PSI:	Actual PSI: 0
Test Reason: 5-year Test	Test Result: F	Repair Due: 6/17/2005
Test Type: Std. Annulus Pres. Test	FAIL TYPE: Packer	FAIL CAUSE:
Comments on MIT:		

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,

Stacy A. ...
Artesia OCD District Office *EA*

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.