



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Jim Noel
Cabinet Secretary

Karen W. Garcia
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



Administrative Order IPI-381
November 12, 2010

EnerVest Operating L.L.C.
1001 Fannin Street, Suite 800
Houston, TX 77002-6707

Attention: Ms. Shirley Galik

RE: Injection Pressure Increase Request

WLH G4S Unit Well No. 45 (API No. 30-015-37025) IPI 377
Unit N, Sec 12, T26 South, R29 East, NMPM, Eddy County, New Mexico
Loco Hills: Queen-Grayburg-San Andres Pool

Reference is made to your request on behalf of EnerVest Operating L.L.C. (OGRID 143199) to increase the surface injection pressure limit on the above named well.

This well was approved by the Division for injection into the Grayburg formation open hole interval from approximately 2,670 feet to 2,694 feet with Division Order No. R-13128 and given a maximum surface injection pressure of 880 psi.

It is our understanding that this well will not take a sufficient volume of water at this pressure limit and a higher pressure limit is needed to handle water disposal needs in this area.

The basis for granting this pressure increase is the step-rate test run by Cardinal Surveys Company on this well on October 15, 2010. EnerVest measured both surface and bottomhole pressures during this test.

You are hereby authorized to utilize up to **1,150 psi** as the maximum surface injection pressure on this well provided the tubing, size, type, and setting depth does not change. However, you are prohibited from injecting at pressures that would induce fracturing.

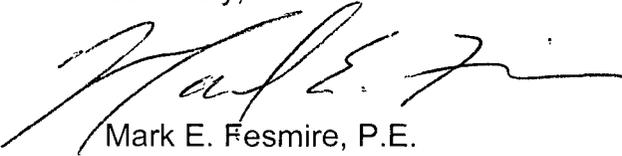


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This approval is subject to your being in compliance with all other Division rules, including but not limited to Division Rule 5.9.

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected fluid is not being confined to the injection zone or fresh water aquifers are being endangered.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark E. Fesmire', written in a cursive style.

Mark E. Fesmire, P.E.
Acting Division Director

MEF/tw

cc: Oil Conservation Division – Artes0ia
Bureau of Land Management – Carlsbad
SWD-853