

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Susana Martinez**  
Governor

**David Martin**  
Cabinet Secretary

**Brett F. Woods, Ph.D.**  
Deputy Cabinet Secretary

**David R. Catanach, Division Director**  
Oil Conservation Division



Administrative Order IPI-477  
January 14, 2015

Mr. Jay Brenner  
RKI Exploration and Production, LLC  
210 Park Avenue, Suite 900  
Oklahoma City, OK 73102

**RE: Injection Pressure Increase**

Injection Authority: Administrative Order SWD-1457

Pool: SWD; Delaware (Pool code: 96100)

LVP SWD No. 1                      API 30-015-42234

Unit I, Sec 4, T23S, R28E, NMPM, Eddy County, New Mexico

Dear Mr. Brenner:

Reference is made to your request on behalf of RKI Exploration and Production, LLC (OGRID 246289) received by the Division on October 14, 2014, to increase the maximum allowed surface tubing pressure on the above named well.

This well was permitted by the Division for disposal of produced water in the Bell Canyon and Cherry Canyon formations of the Delaware Mountain group by Order SWD-1457 approved January 22, 2014. The maximum surface tubing pressure approved by the administrative order was 680 pounds per square inch (psi).

It is our understanding that this well will not take a sufficient volume of fluid at the current pressure limit and a higher pressure limit is needed. It is also understood that an increase will not result in the fracturing of the formation and confining strata.

Based on a step-rate test for this well conducted September 29, 2014, through 3 1/2-inch tubing, you are hereby authorized to inject at the following maximum surface tubing pressure:

**LVP SWD Well No. 1**

**API 30-015-42234**

**1225 psi**

This approval is based on the provision that the tubing size, packer setting depth and completion interval for this well does not change. Any future requested pressure increase will require resubmission of additional data and a new step-rate test. The Division Director retains the right to require at any time

wireline verification of completion and packer setting depths in this well. This approval is subject to your being in compliance with all other Division rules, including but not limited to Division Rule 19.15.5.9 NMAC.

The Division Director may rescind this permitted injection pressure increase if it becomes apparent that the injected fluid is not being confined to the permitted disposal interval or is endangering any fresh water aquifer.

Sincerely,



DAVID R. CATANACH  
Director

DRC/prg

cc: Oil Conservation Division – Artesia District Office  
Well File 30-015-42234