

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

John Bemis
Cabinet Secretary

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

Jami Bailey
Division Director
Oil Conservation Division



Administrative Order IPI-422
August 22, 2012

Mr. James B. Campanella
Judah Oil LLC
Box 568
Artesia, NM 88211

RE: Injection Pressure Increase

SWD-332-A, SWD; Abo-Cisco Pool
Red Lake State SWD Well No. 1 API 30-015-22893
Unit G, Sec 22, T17S, R28E, NMPM, Eddy County, New Mexico

Dear Mr. Campanella:

Reference is made to your request on behalf of Judah Oil LLC (OGRID 245872) received by the Division on August 15, 2012, to increase the maximum allowed surface tubing pressure on the above named well.

This well was permitted by the Division for water disposal from 6610 to 6734 feet in the Abo formation and from 8152 to 8850 feet in the Cisco formation by Division administrative Order SWD-332-A approved October 10, 2010. That permit allowed a maximum disposal tubing pressure of 1322 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 run July 19, 2012, you are hereby authorized to inject at the following maximum surface tubing pressure:

Red Lake State SWD Well No. 1 API 30-015-22893 1950 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,



JAMIE BAILEY

Director

JB/wvjj

cc: Oil Conservation Division – Artesia
File: SWD-332-A