

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

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

Jami Bailey, Division Director
Oil Conservation Division



Administrative Order IPI-469
September 18, 2014

Memorial Production Operating, LLC
1301 McKinney, Suite 2100
Houston, TX 77010
Attn: Adonya Dryden, Brammer Engineering, Inc.

RE: Injection Pressure Increase

Injection Authority: Administrative Order SWD-1024

Pool: SWD; Glorieta (Pool code 96106)

Fikes Well No. 1 API 30-015-00269

Unit letter C, Sec 35, T18S, R26E, NMPM, Eddy County, New Mexico

Dear Ms. Dryden:

Reference is made to your request on behalf of Memorial Production Operating, LLC (OGRID 303900) received by the Division on August 22, 2014, to increase the maximum allowed surface tubing pressure on the above named well.

This well was permitted by the Division for water disposal in both the Glorieta and Yeso formations by Division Administrative Order SWD-1024 approved February 7, 2006. That order allowed disposal through perforations from 2833 feet to 3609 feet and at a maximum surface disposal pressure of 567 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 on August 7, 2014, through 2 7/8-inch tubing, you are hereby authorized to inject at the following maximum surface tubing pressure:

Fikes Well No. 1

API 30-015-00269

750 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,



JAMI BAILEY
Director

JB/prg

cc: Oil Conservation Division – Artesia District Office
Administrative Order SWD-1024
Well file 30-015-00269