

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

David R. Catanach, Division Director
Oil Conservation Division



July 28, 2015

Mr. Robbie Grigg
Cross Timbers Energy, LLC
400 West 17th Street
Fort Worth, TX 76102

RE: Packer Setting Depth Exception

Injection Authority: Administrative Order WFX-557

Pool: North Vacuum Abo Pool (Pool code 61760)

North Vacuum Abo Unit No. 230

API 30-025-22344

Unit J, Sec 13, T17S, R34E, NMPM, Lea County, New Mexico

Mr. Grigg:

Reference is made to your request on behalf of Cross Timbers Energy, LLC (OGRID 298299; "Cross Timbers") received by the Division on July 1, 2015, for the above named well. Cross Timbers applied for exception for setting the packer within 100 feet of the top perforation in the injection interval.

It is our understanding that Cross Timbers has maintained the current packer setting depth based on prior setting depths used by the previous operator of the injection well. Cross Timbers has also stated in their application the poor quality of the casing's interior surface above the top perforation and the effects on obtaining a proper seal for the tubing packer in this portion of the casing. As a result, Cross Timbers requests an exception for the current packer depth at 8219 feet below surface. This location of the packer is approximately 309 feet above the shallowest perforation at 8528 feet, and is below the upper contact of the Abo formation at 8107 feet below surface.

For the reasons stated in the application and because it appears that correlative rights are protected, waste will not occur and this modification will not endanger any fresh water aquifer or the environment, the exception is granted. The packer location within this well shall not be set higher than 309 feet above the approved injection interval unless the operator receives written approval from the Division Director.

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

Sincerely,



DAVID R. CATANACH
Director

DRC/prg

cc: Oil Conservation Division – Hobbs District Office
WFX-557
Well File API 30-025-22344