

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Erin Taylor
Acting Cabinet Secretary

Ben Shelton
Deputy Secretary

Albert C. S. Chang
Division Director
Oil Conservation Division



BY ELECTRONIC MAIL ONLY

Connie Blaylock
Cross Timbers Energy, LLC
Email contact: cblaylock@txopartners.com

Re: Packer Setting Depth Exception

Subject Well: North Vacuum Abo Unit No. 135 (API No. 30-025-23460)
1980 feet from South line and 860 feet from West line (Unit L), Sec 11, T17S, R34E,
NMPM, Lea County, New Mexico
Injection Authority: Hearing Order No. R-4430, as amended
Permitted Interval: Abo Formation defined in Order No. R-4430

Greetings Ms. Blaylock:

Reference is made to your request on behalf of Cross Timbers Energy, LLC (OGRID 298299; "Cross Timbers") received by the Division on March 19, 2026 [Action ID 564722], for the subject well. Cross Timbers applied for exception for setting the packer within 100 feet ("ft") of the top of the of the injection interval.

It is OCD's understanding that Cross Timbers is requesting a packer setting depth exception for the North Vacuum Abo Unit No. 135. As stipulated in PMX-140, the packer is to be set within 100 ft of the uppermost injection perforation. For this well, the 100-foot interval limit would be 8,509 ft based on a top perforation of 8,609 ft. The new proposed setting depth is 8,353 ft (156 feet shallower than the 100-foot limit) following a workover with several attempts to set the packer at various depths.

Cross Timbers stated: *"the North Vacuum Abo Unit #135 has a permanent packer at 8,550'. Due to the vintage of the permanent packer, the well was transitioned to injecting with a retrievable packer set above the permanent packer. A violation was issued on the #135 due to a failed bradenhead test resulting from a tubing/packer issue on the well and subsequent pressure on the tubing-casing annulus. The plan for the #135 is to return it to injection under another permanent packer to continue to provide waterflood support to the surrounding producing wells. Work began in January and the retrievable packer was removed from 8,516', a bit and scraper run was made to the top of the permanent packer, and CCL/CBL and casing inspection logs were*

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run from the top of the permanent packer to surface and have been submitted online. The logs showed good cement coverage and did not show any anomalies in the casing. A test packer was RIH but tagged up at 8,447' and could not go any further to the proposed setting depth of 8,515'. The packer was set at 8,447' and tested casing above to 500 psi and tested good. After pulling out with the test packer, another bit trip was made that tagged up at 8,447'. No progress could be made with the bit. The decision was made to set an RBP and RDMO pending approval of a packer setting depth exception. The RBP would not set at 8,447' so was set at 8,353'. Casing was tested again and passed".

In Order No. R-4430 (Case No. 4831), the OCD approved the North Vacuum-Abo pressure maintenance project in the North Vacuum-Abo Pool in the North Vacuum-Abo Unit Area by the injection of gas and water into the Abo formation.

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 freshwater aquifer or the environment, the exception is granted. Having considered the secondary recovery operation and the confining characteristics above the Abo Formation, the packer setting depth within the subject well shall not be set higher than 256 ft above the top perforation depth (equal to a depth of 8,353 feet) unless the operator receives written approval from the Director.

The 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 freshwater aquifer.

Sincerely,



ALBERT CHANG
DIRECTOR

Date: 5-18-26

ACC/th

cc: Case file for Order No. R-4430, PMX-140
Well file 30-025-23460

ATTACHMENTS: Copy of Cross Timbers Energy LLC correspondence titled "Request for Packer Setting Depth Exception, 30-025-23460, North Vacuum Abo Unit #135" Action ID 564722 dated March 19, 2026.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 586255

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 586255
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	5/19/2026