

State of New Mexico  
Energy, Minerals and Natural Resources Department

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Michelle Lujan Grisham  
Governor

Sarah Cottrell Propst  
Cabinet Secretary

Dylan M. Fuge  
Deputy Secretary (Acting)

Dylan M. Fuge, Division Director  
Oil Conservation Division



**BY ELECTRONIC MAIL ONLY**

Whitney McKee  
Solaris Water Midstream, LLC  
Email contact: [whitney.mckee@ariswater.com](mailto:whitney.mckee@ariswater.com)

**Re: Packer Setting Depth Exception**

Lobo 285 SWD No. 1 (API 30-015-43979)  
Unit B, Sec 22, T25S, R28E, NMPM, Eddy County, New Mexico  
Injection Authority: Administrative Order SWD-1663  
Permitted Interval: Siluro-Devonian Formations; 14400 feet to 15550 feet

Greetings Whitney McKee,

Reference is made to your request on behalf of Solaris Water Midstream, LLC (OGRID 371643; "Solaris") received by the Division on October 9, 2023, for the above named well. Solaris applied for exception for setting the packer within 100 feet ("ft") of the top of the open hole in the injection interval.

It is OCD's understanding that Solaris would like to request a packer setting depth exception on the Lobo 285 State SWD No. 1. The proposed permanent packer setting depth is 14,371 ft which is in the first full length joint of 5 1/2-inch casing in the repair liner. This places the base of the packer tail pipe 8.5 ft above the top of fish detailed below. The top of the injection zone (7 5/8-inch shoe) is 14533 ft which would place the proposed packer setting depth at 162 ft above the top of the injection zone, outside of the typically required 100-foot window.

OCD understands that Solaris stated: "*original workover was planned to repair a suspected tubing leak. There was and still is a permanent packer in the hole (as shown on the WBD) set at 14,496 ft with a landed seal assembly requiring a straight pull up to remove the seal assembly from the packer. After NU the hydraulic BOPs we were unable to pull the injection tubing string free after multiple attempts and used wireline to jet cut the injection tubing string such that we could remove the injection tubing string and mill out the existing permanent packer or set a new one above and still be within the 100-foot window. A free point log was ran showing stuck pipe up to a 100% free depth of 13,147 ft. The first cut was attempted approximately 20 ft above the top of the packer at 14,471 ft but was unsuccessful.*"

Packer Setting Depth Exception  
Solaris Water Midstream, LLC  
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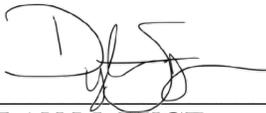
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Due to the operational complexity of milling out permanent packers, OCD approves the placing of permanent Haliburton packer at 14371 ft, which would place the packer 162 ft above the top the injection zone (7-5/8-inch shoe) which is 14533 ft and the new setting depth of the packer is within the upper confining layer of Woodford shale.

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. The packer location within this well shall not be set higher than 162 ft above the current depth of the top of the injection zone unless the operator receives written approval from the 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 freshwater aquifer.

Sincerely,



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**DYLAN M. FUGE**  
**DIRECTOR**  
DMF/ mgm

**Date:** 11/15/23

cc: File for Order SWD-1663  
Well File 30-015-43979

Attached: Updated Wellbore Diagram

**District I**  
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 Phone:(575) 393-6161 Fax:(575) 393-0720

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

CONDITIONS

Action 396077

**CONDITIONS**

Operator: SOLARIS WATER MIDSTREAM, LLC 9651 Katy Fwy Houston, TX 77024	OGRID: 371643
	Action Number: 396077
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

**CONDITIONS**

Created By	Condition	Condition Date
mgebremichael	None	10/26/2024