

**From:** [McClure, Dean, EMNRD](#) on behalf of [Engineer, OCD, EMNRD](#)  
**To:** [McClure, Dean, EMNRD](#)  
**Subject:** FW: SWD applications for Owl SWD Operating, LLC  
**Date:** Tuesday, January 7, 2020 10:18:10 AM  
**Attachments:** [Spackler Supplemental Transmission.pdf](#)  
[Czervik SupplementalTransmittal.pdf](#)

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Dean McClure  
Petroleum Specialist  
New Mexico Energy, Minerals and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
(505) 476-3471

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**From:** Ramona Hovey <ramona@lonquist.com>  
**Sent:** Tuesday, January 7, 2020 10:03 AM  
**To:** Engineer, OCD, EMNRD <OCD.Engineer@state.nm.us>  
**Subject:** [EXT] RE: SWD applications for Owl SWD Operating, LLC

Dean,

Please find our responses to questions/concerns listed below. If you have any further questions, please don't hesitate to contact me.

Regards,

**Ramona Hovey**  
Sr. Petroleum Engineer

Office: 512-600-1777 Cell: 512-585-0654  
12912 Hill Country Blvd., Suite F-200, Austin, Texas, 78738  
[ramona@lonquist.com](mailto:ramona@lonquist.com) · [www.lonquist.com](http://www.lonquist.com)

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**From:** McClure, Dean, EMNRD <[Dean.McClure@state.nm.us](mailto:Dean.McClure@state.nm.us)> **On Behalf Of** Engineer, OCD, EMNRD  
**Sent:** Monday, January 6, 2020 5:58 PM  
**To:** Ramona Hovey <[ramona@lonquist.com](mailto:ramona@lonquist.com)>  
**Subject:** SWD applications for Owl SWD Operating, LLC

Hello Ms. Hovey,

I am currently reviewing SWD applications for the Spackler SWD 1 and Czervik SWD 1 proposed wells; both operated by Owl SWD Operating, LLC.

I have the same questions and concerns for both of these proposed wells.

What is the proposed open hole diameter?

The injection interval is including some of the Montoya. I will need an updated well diagram which does not include the Montoya in the injection interval.

The application indicates that the TOC for the liner will be determined by calculation. I will need to see something that indicates that Owl plans to use a CBL to determine the TOC for the liner.

I need to see a discussion about both the upper and lower confining layers and confirmation that a qualified person believes the layers are suitable to confine the proposed injection. Typically most companies consider the Woodford and Montoya to be the confining layers, but I would like to see confirmation that Owl believes that to be the case for these wells.

I need to see a signed statement from a qualified person fulfilling requirement XII of form C-108.

Fresh water wells are mentioned within the applications. Was water able to be retrieved from these wells? If so, I will need to see the analysis of those samples.

I presume these wells are for commercial use as defined by the water being injected will be coming from wells not owned by Owl. Please confirm this.

Dean McClure  
Petroleum Specialist  
New Mexico Energy, Minerals and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505  
(505) 476-3471

[External email]