

**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  
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**From:** Ramona Hovey <[ramona@lonquist.com](mailto:ramona@lonquist.com)>  
**Sent:** Tuesday, January 7, 2020 10:03 AM  
**To:** Engineer, OCD, EMNRD <[OCD.Engineer@state.nm.us](mailto: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

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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.

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[External email]