

From: [Greg Olson](#)
To: [Goetze, Phillip, EMNRD](#)
Cc: [Chris Longwell](#); [Alex Campbell](#)
Subject: [EXTERNAL] EndurinChris Longwell <clongwell@enduringresources.com>g NEU 2207 16B SWD No. 1 Application
Date: Wednesday, September 20, 2023 2:37:54 PM
Attachments: [Copy of NEU Water Testinq Wellbore Diagram.pdf](#)

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Mr. Goetze,

Enduring will be performing another water sampling of the Enduring NEU 2207 16B SWD No. 1 to fulfill the additional testing request. We will be carrying out the flow test and sampling beginning this coming Monday, the 25th of September. Could you please let us know who will be witnessing the testing and their contact information. Estimated time to complete the flow and testing is between 1 and 3 days.

Below is a basic procedure to accomplish the testing.

The well does not have a pump in it currently but we have identified a way to produce the required purging volume. Procedure and cost below.

- 1) RU pump truck capable of 8 bpm pump rate. Test lines to 3,000 psi. Reset pop off to 2,800 psi and re-test.
- 2) Pressure up to shear pump out plug set in packer (set for 1945 psi shear) while pumping at ± 4 bpm
- 3) RD pump truck and lines and release.
- 4) Rig up lines to flow to water pit. RU Air Drilling Associates. Using no chemicals, pump down back side and begin lifting water. Continue lifting water until approximately 800 bbls has been produced.
- 5) Have Creedence sample the water for full chemical analysis after 739 bbls are lifted.
- 6) RDMO air equipment and secure well.

Cost Estimate - \$21,800

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From: "Goetze, Phillip, EMNRD" <phillip.goetze@emnrd.nm.gov>
Date: September 19, 2023 at 11:22:00 AM MDT

To: Alex Campbell <ACampbell@enduringresources.com>

Cc: "Wrinkle, Justin, EMNRD" <Justin.Wrinkle@emnrd.nm.gov>, "Powell, Brandon, EMNRD" <Brandon.Powell@emnrd.nm.gov>, "Moander, Chris, EMNRD" <Chris.Moander@emnrd.nm.gov>, "Fuge, Dylan, EMNRD" <Dylan.Fuge@emnrd.nm.gov>, Brian Egolf <Brian@egolfaw.com>

Subject: Enduring NEU 2207 16B SWD No. 1 Application

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Good morning Mr. Campbell. I have been asked by the Director to follow up on the two items that were requested regarding the application for the conversion of the POD 1 to a UIC Class II disposal well.

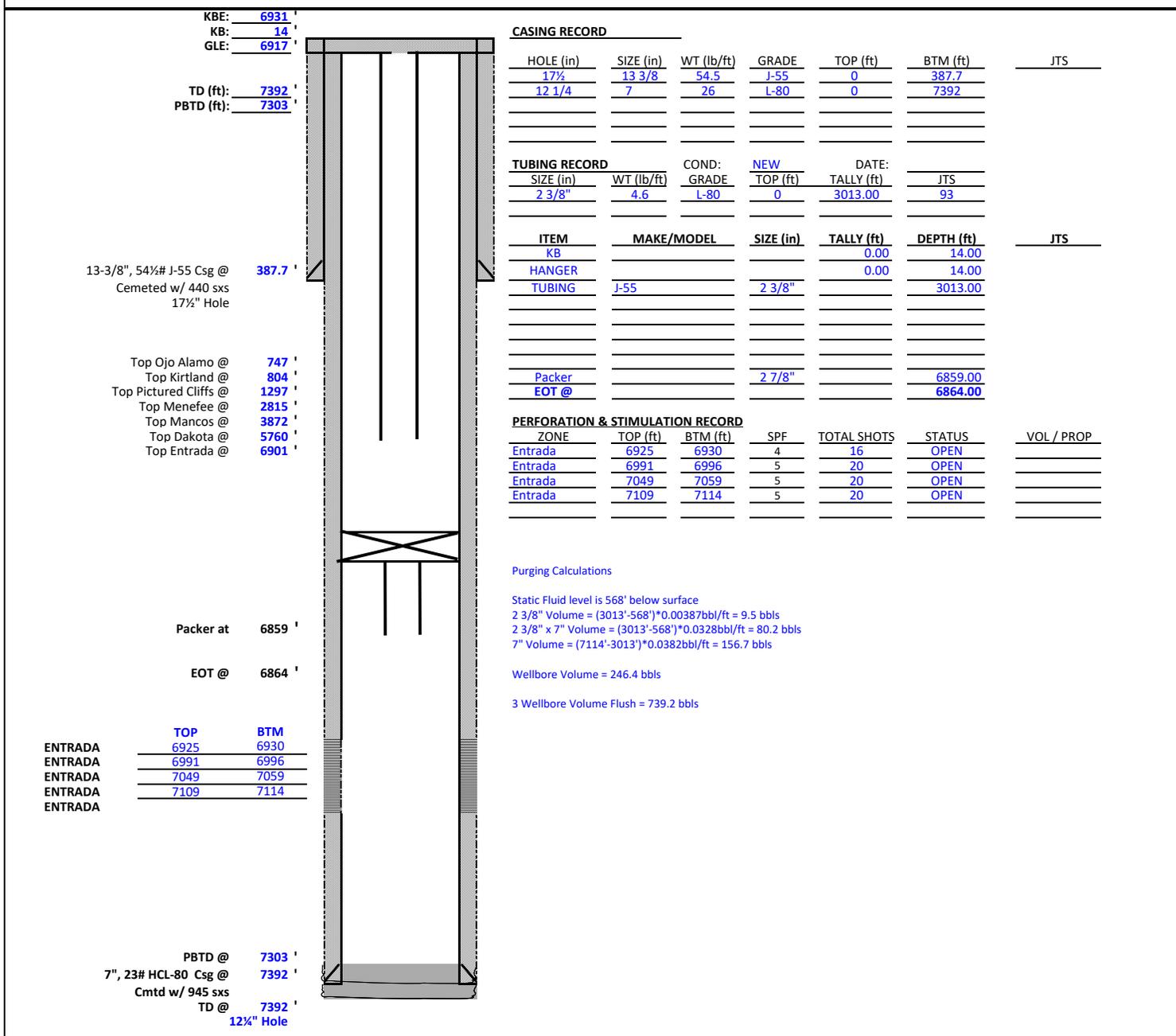
1. Notice Requirements: the information provided by Enduring to the Director has satisfied the notice requirements for the application and is now complete.
2. Formation Water Sampling: I am reminding Enduring that the requested re-sampling of the Entrada waters is necessary for the OCD to comply with the Exempt Aquifer program and the EPA UIC regulations for characterization of USDW. The same level of effort conducted for the POD 3 sampling event should be followed for this sampling event. This would include the same basic procedures included in the Sampling and Analysis Plan for the POD 3 and approved by OCD. I would also request that if the sampling event has not been conducted, that Enduring provide the opportunity for an OCD representative to witness the event. Again, as with the POD 3 sampling, the final report should include a copy of the SAP along with the laboratory analytical reports, all field measurements, and any additional information to support the sampling event.
3. I will be meeting with Chris Angel of the OSE regarding any concerns they have with their model for the POD 1 and its operation as a UIC Class II disposal well. I have the information submitted Enduring for this subject including John's summary of the model interpretation. I will contact you should I have any questions or concerns.

If you have any questions regarding the content of this e-mail or have questions on the sampling event procedures, please contact me at your convenience. Thank you. PRG

Phillip R. Goetze
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Oil Conservation Division
Energy, Minerals and Natural Resources Department
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OPERATOR: ENDURING RESOURCES IV, LLC	CNTY: Sandoval	FTG: _____
WELL: NEU 2207-16B WSW	STATE: NM	Q-Q: NWNE
FIELD: North Escavada Unit	SPUD: 9.20.2018	SEC.: 16
API #: _____	COMP: _____	TWS: 22N
LEASE #: _____	STATUS: WSW	RGE: 7W
OSE File & POD #: SJ-4301 POD1	WBD DATE: 09/19/23	BY: JTC

WELLBORE DIAGRAM



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 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 300692

CONDITIONS

Operator: NEW MEXICO ENERGY MINERALS & NATURAL RESOURCE 1220 S St Francis Dr Santa Fe , NM 87504	OGRID: 264235
	Action Number: 300692
	Action Type: [IM-SD] Well File Support Doc (ENG) (IM-AWF)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	1/7/2024