

05-28

Wednesday, May 28, 2025 9:04 AM

Morning debrief:

AGU abstract:

Hook, background, gap, how you're filling gap, early conclusion, further work.

<https://eso.org/agu-news/so-you-want-to-write-an-abstract>

Calendar:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
05-25 X	05-26 X	05-27 11AM - Meet w/ Samara X	05-28 11AM - Meet w/ Jim to learn SeiSpace (Julia & Renee) 11AM - Meet w/ Samara to learn Petrel (Peyton & Kadidia) Export images from SeiSpace to Petrel for interpretation.	05-29 Produce final images for interpretation.	05-30 Write abstract.	05-31
06-01 Abstract	06-02	06-03	06-04 Presentation	06-05 Ext. Abstract	06-07	06-08

Meeting with Jim (11a):

Unformatted notes:

- Brute stack = initial stacked image for interpretation
 - Copied from the line 43 folder to our individual folder.
- SeiSpace = seismic processing software package
- Todd completed steps 1 and 2. Output of two is the available data in SeiSpace.
 - a. Input and display.
- Seismic shot gather = collect the same shot from each receiver.
 - Do you see things changing as you move down the line in the shot records?
 - Slow velocity is steep.
 - Want to look for hyperbolic shape near source.
- Same number of traces in each shot. Can remove heads to have binary file and just read that. Potentially Jim does that.
 - To make movie.
- Looking for good symmetry. Events that have different behavior as a function of offset.
- Normal moveout corrected gather =

- If reflections are in there, they're be hyperbolic-like.

Meeting with Samara (11a):

Petrel login (temporarily, all using same account):

Username: somar2

RCPDOM\somar2

Password: mpRCP\$2025

Folder: <\\permian.mines.edu\rcp>

Screen-recording of lecture:



ScreenReco
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Wrap-up:

- Peyton is informed on Petrel.
- Julia is informed on SeiSpace.
- Julia pulled the necessary traces.
- Rudimentary dipping slab generated by Peyton in Petrel.

Future:

- Get Renee informed on Petrel and SeiSpace.
- Cross inform Peyton and Julia on SeiSpace/Petrel.
- Generate more advanced dipping slab.
- Begin writing abstract.