GEOL 551: Applied Petroleum Geology   
Assignment #3 - Due 2/25/2019

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**Homework Task:**

* Have all logs correlated around section 21 (total of 9 blocks) & make 5 structure maps:

1. Top of D-Sandstone Map
2. Huntsman Shale Map
3. J Sandstone Map
4. X-Bentonite
5. Mowry

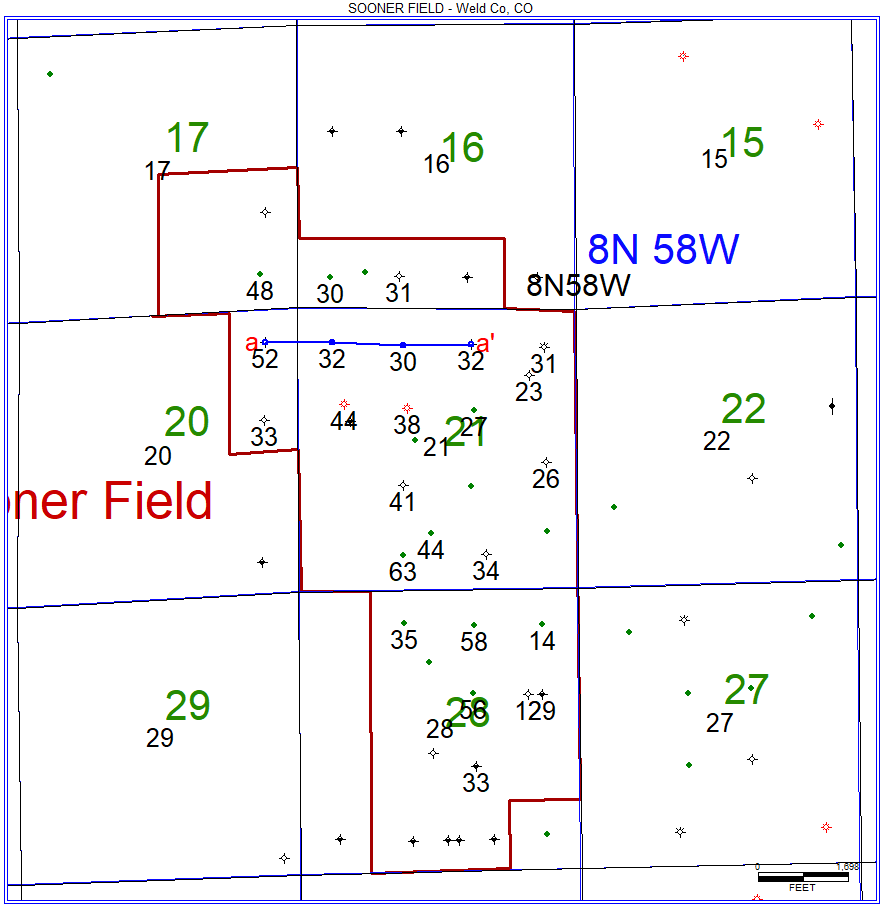


Figure 1: Map of all digital and raster logs to be correlated.

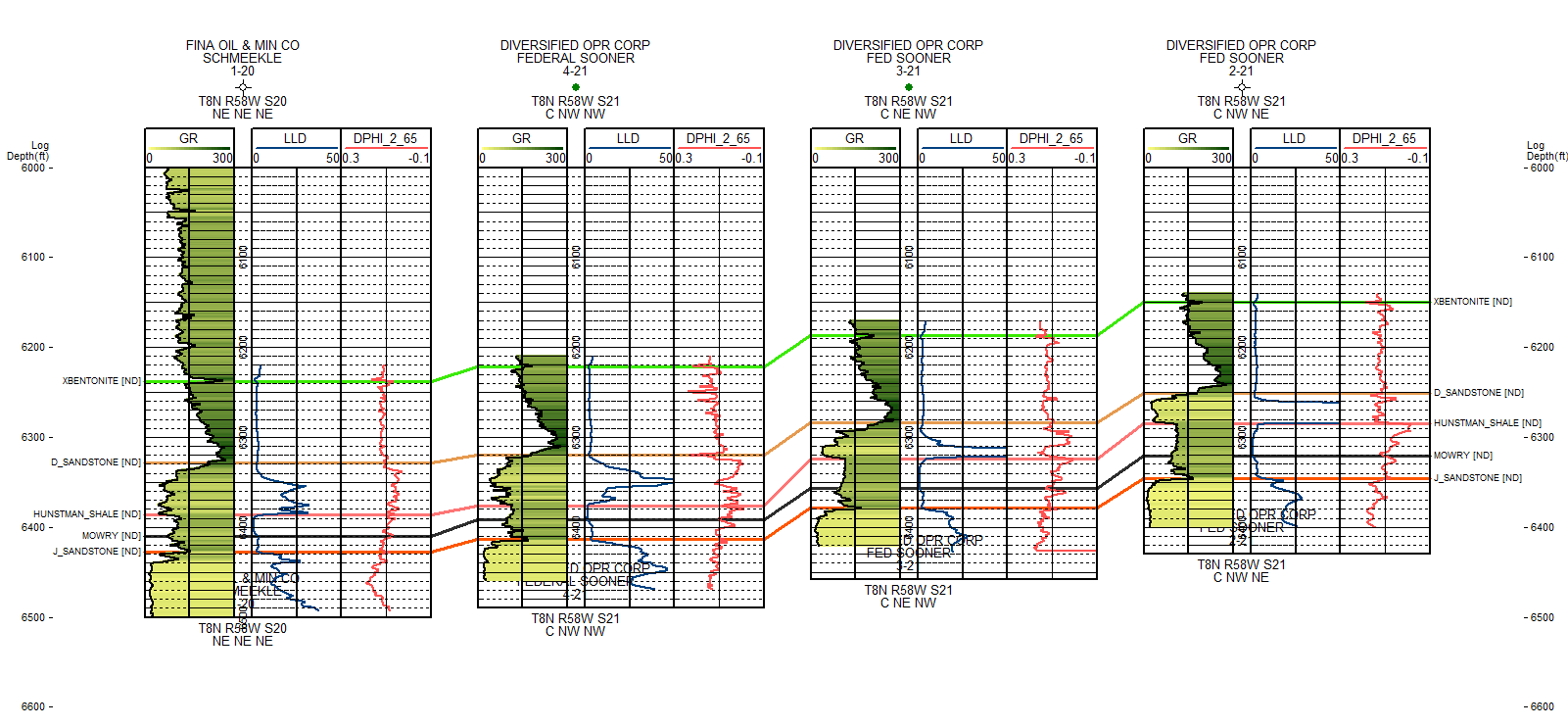


Figure 2: Digital Log Template

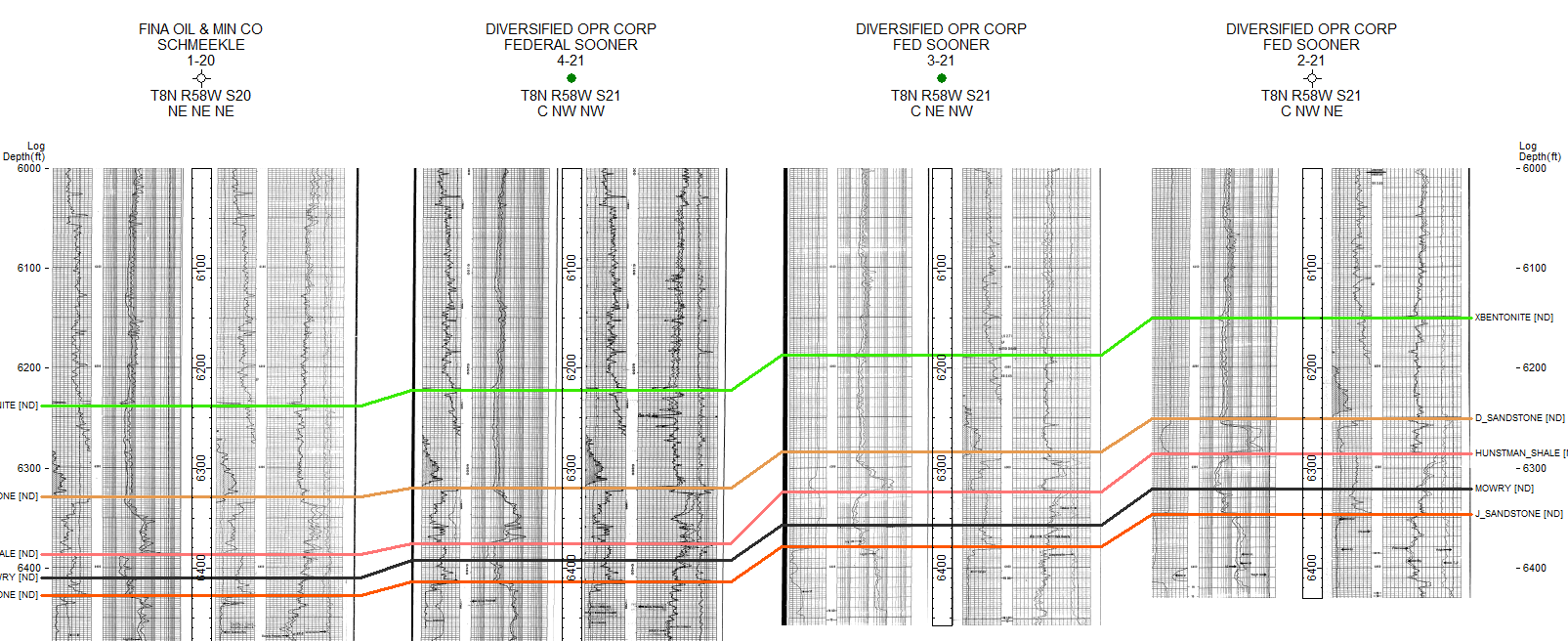


Figure 3: Raster Log Template

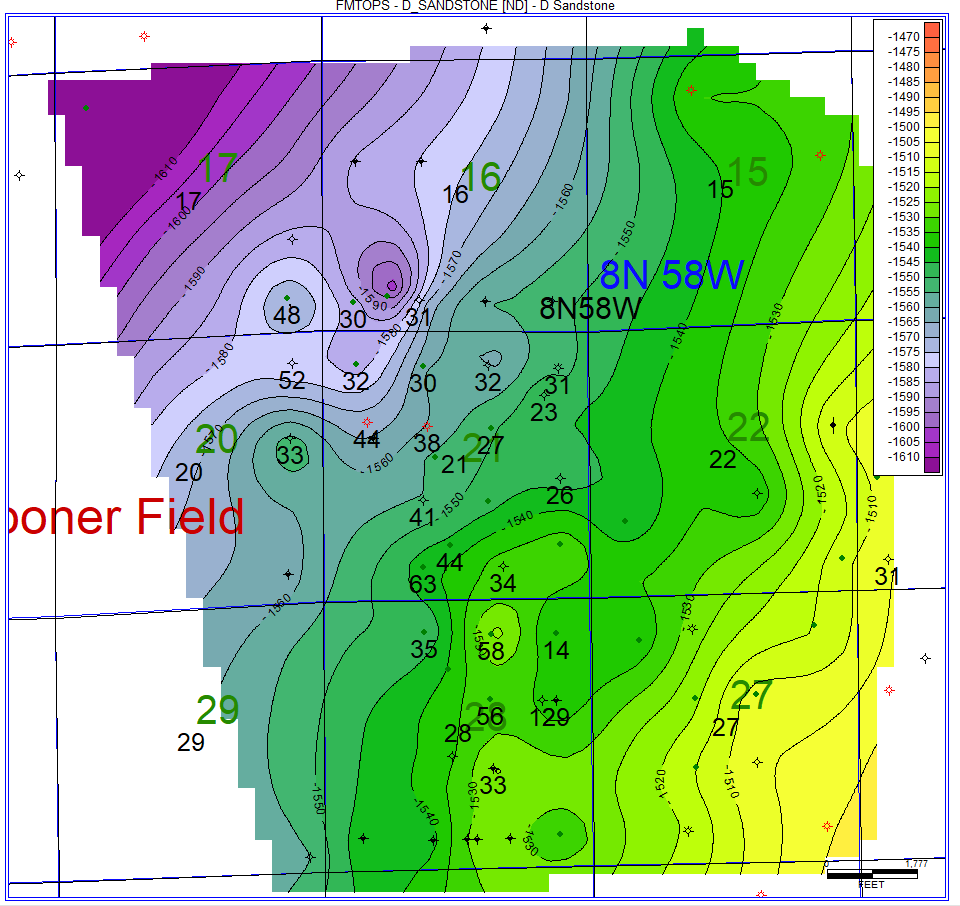
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Figure 4: Top of D-Sandstone Map

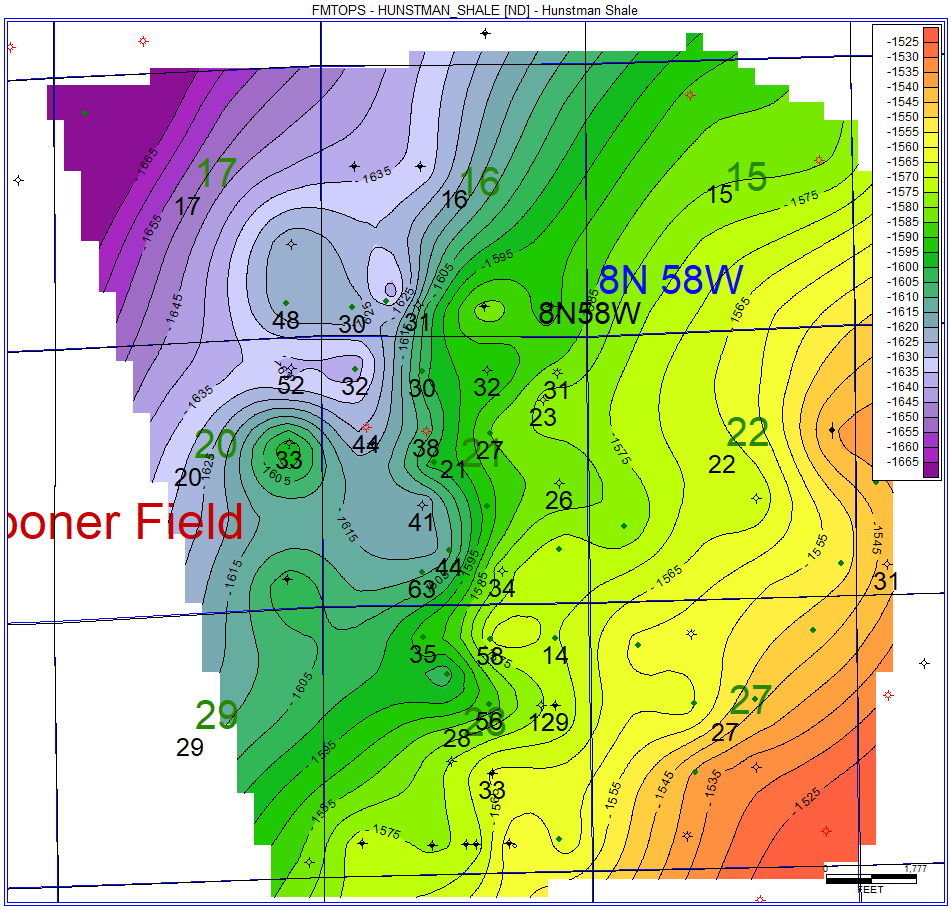


Figure 5: Huntsman Shale Map

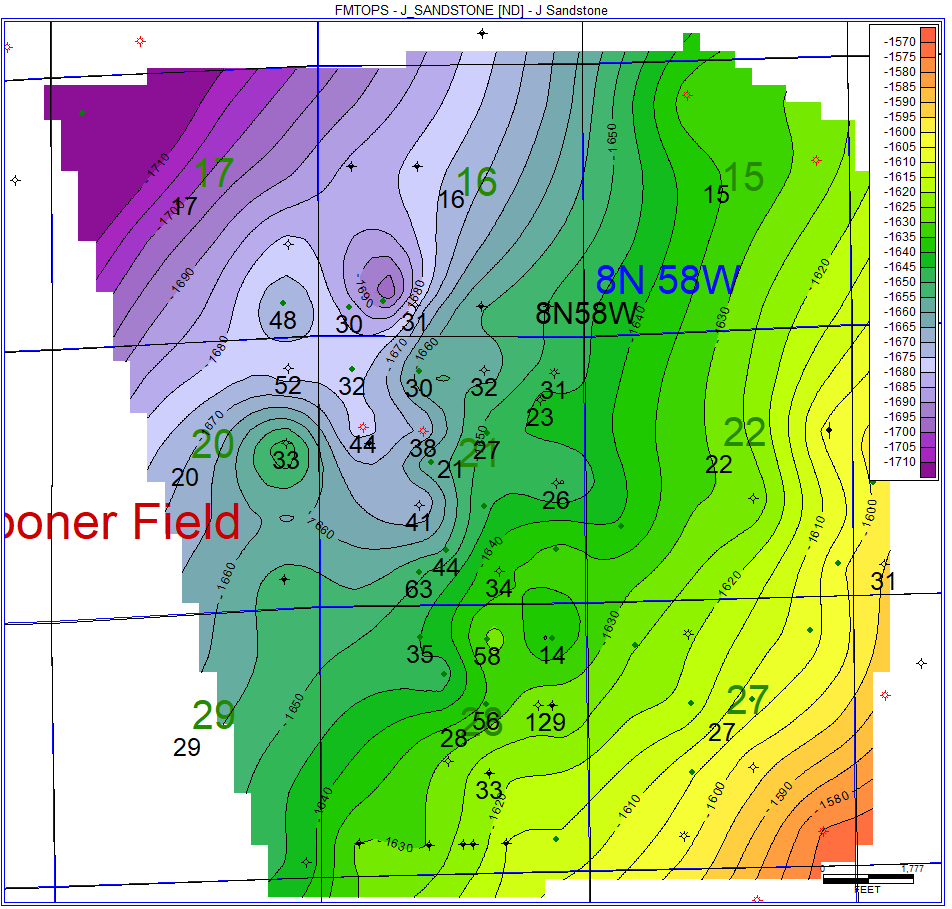


Figure 6: J Sandstone Map

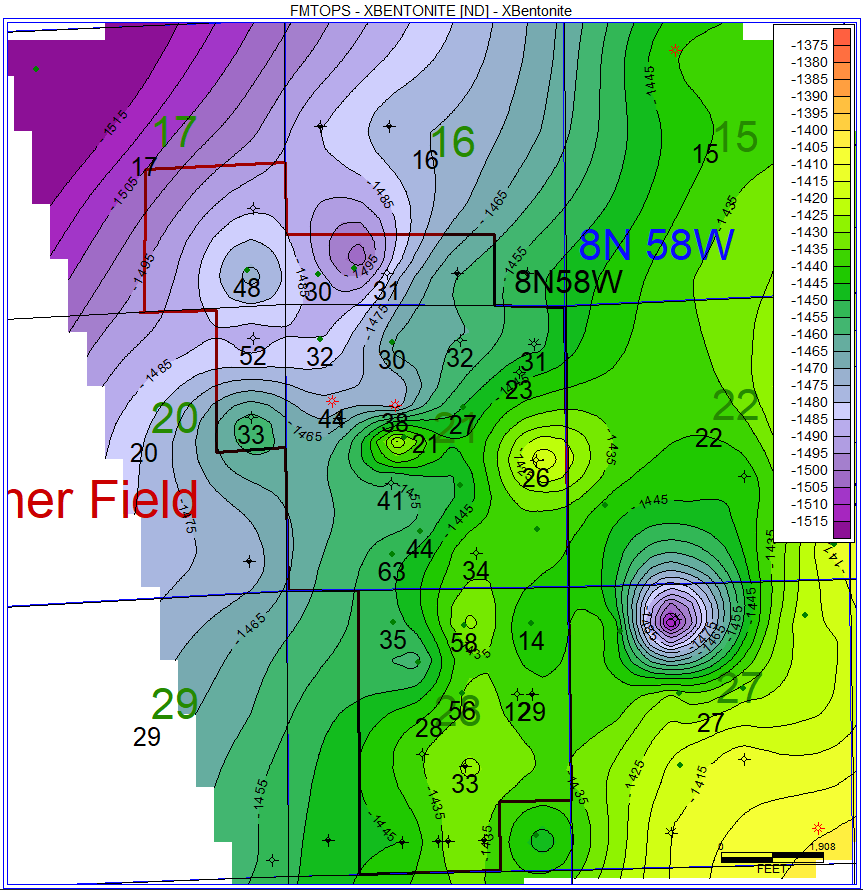


Figure 7: X-Bentonite Map

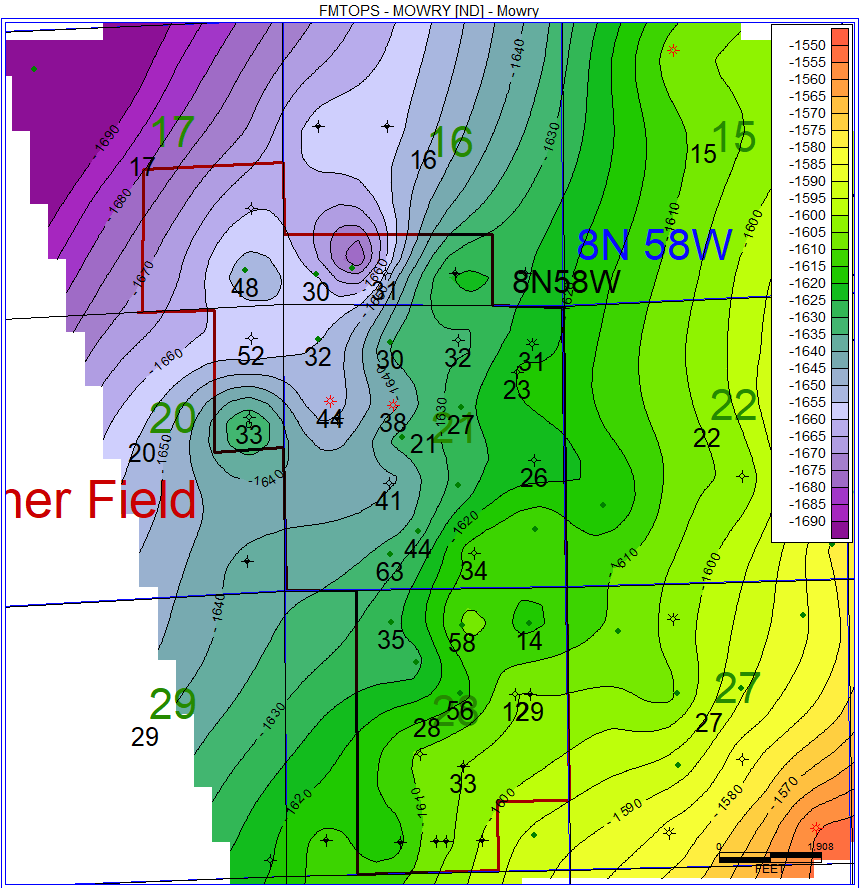


Figure 8: Mowry Map