GEOL 551: Applied Petroleum Geology   
Assignment #4 - Due 3/4/2019

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**Homework Task:**

* 1 Structure Map DSS
* 4 Isopachs
  + Isopach DSS
  + Isopach Graneros (X bentonite) to Dss
  + Isopach Huntsman to Graneros
  + Isopach Graneros to Mowry
* 2 Cross section NS and EW
* Add 10 more depth intervals core description

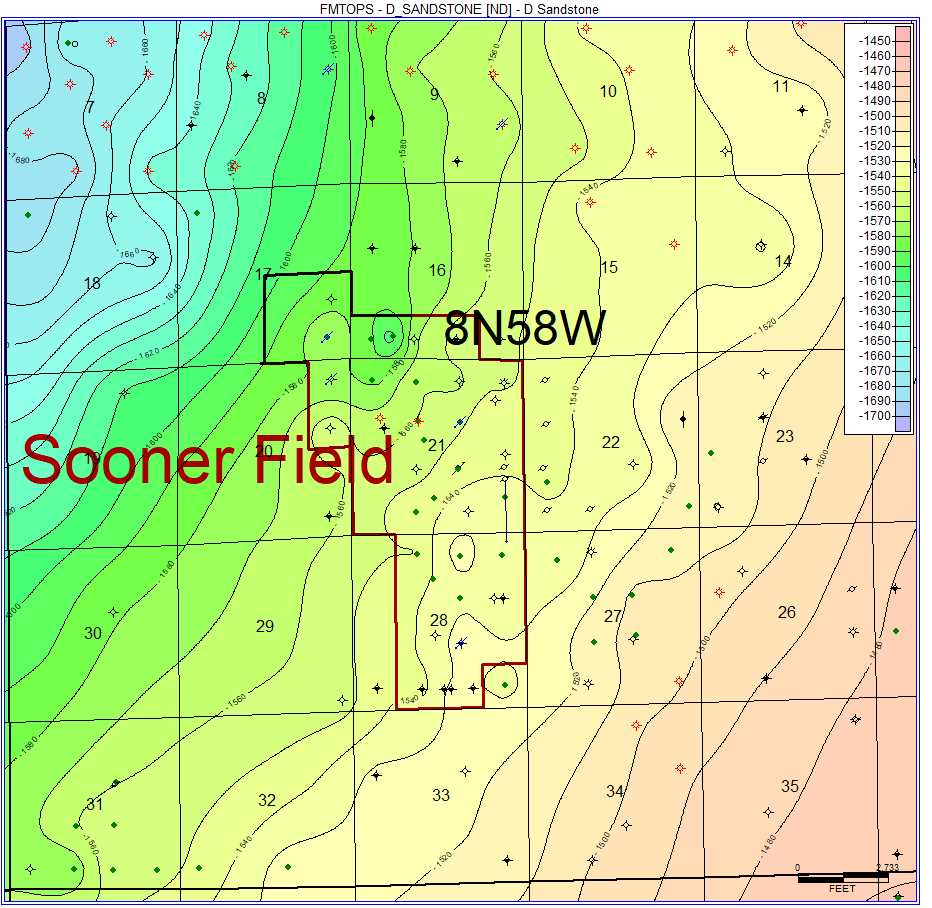


Figure 1: Structure Map of D-Sandstone from Well Log DSS Tops

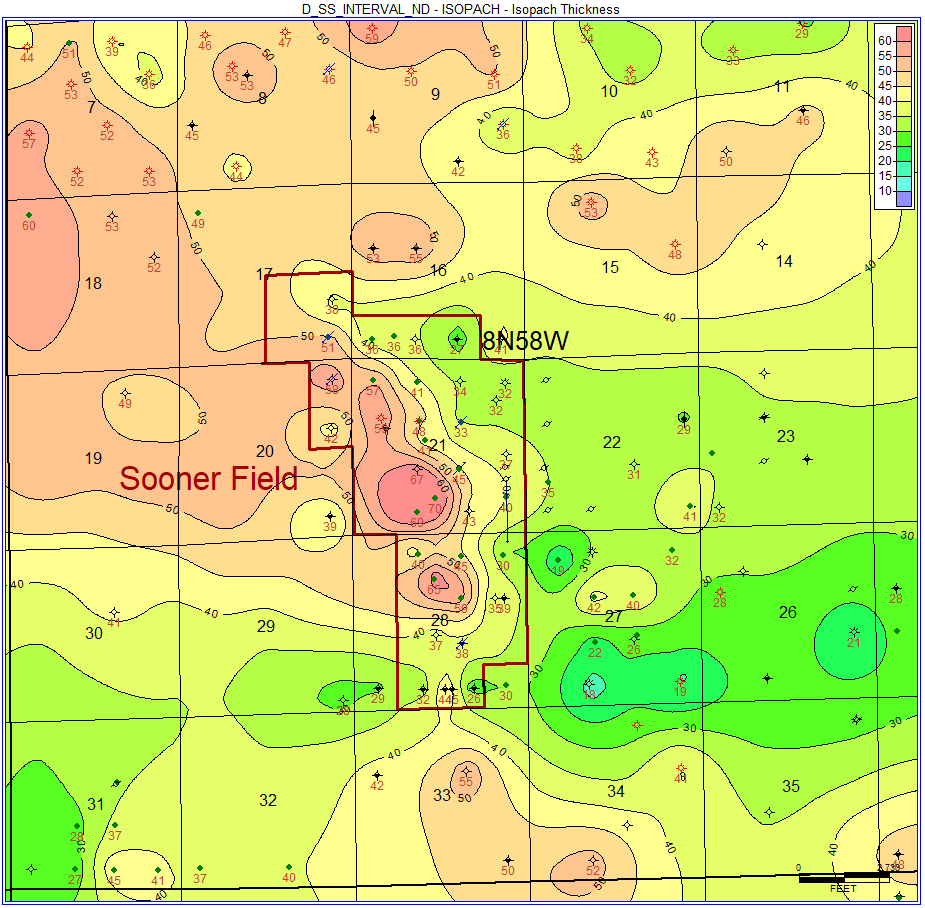


Figure 2: Isopach Map of D-Sandstone to Huntsman Shale

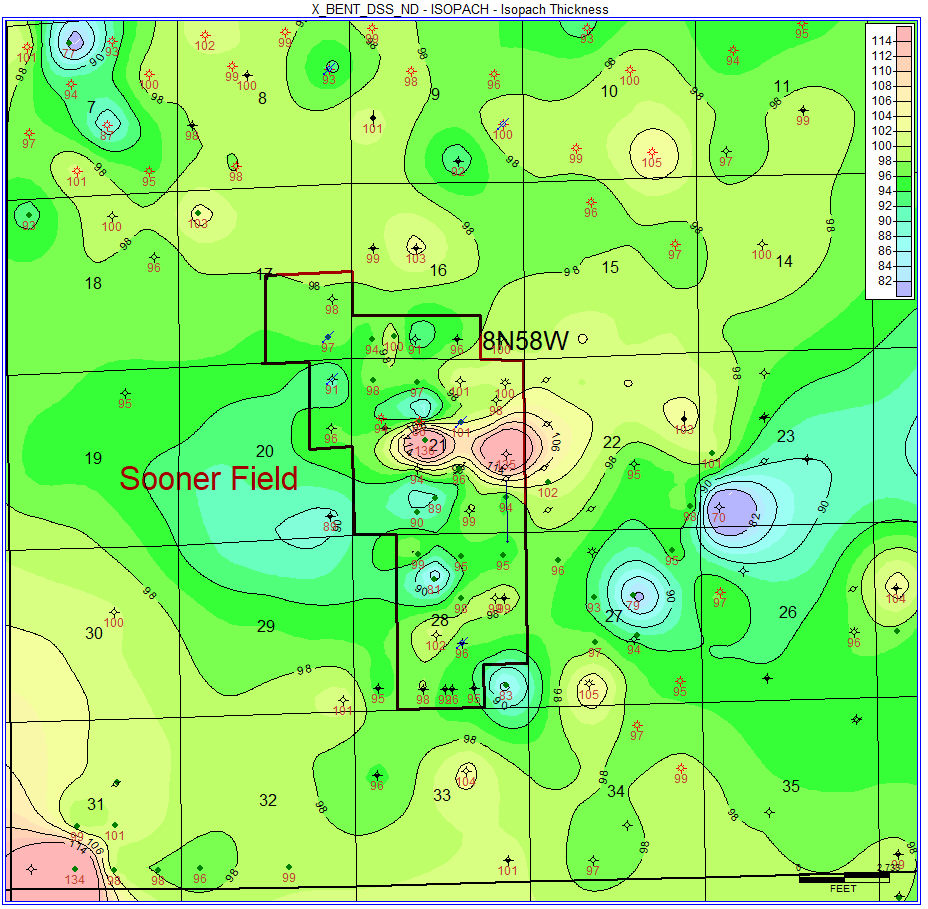


Figure 3: Isopach Map of Graneros (X-Bentonite) to D-Sandstone

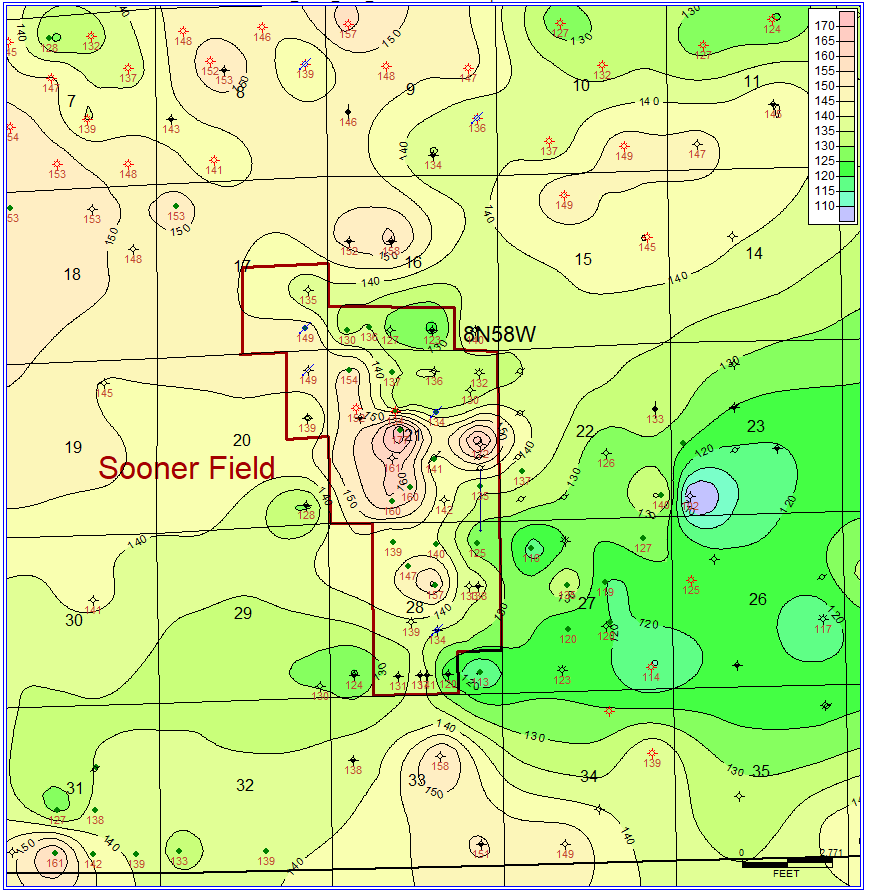


Figure 4: Isopach Map of Graneros (X-Bentonite) to Huntsman

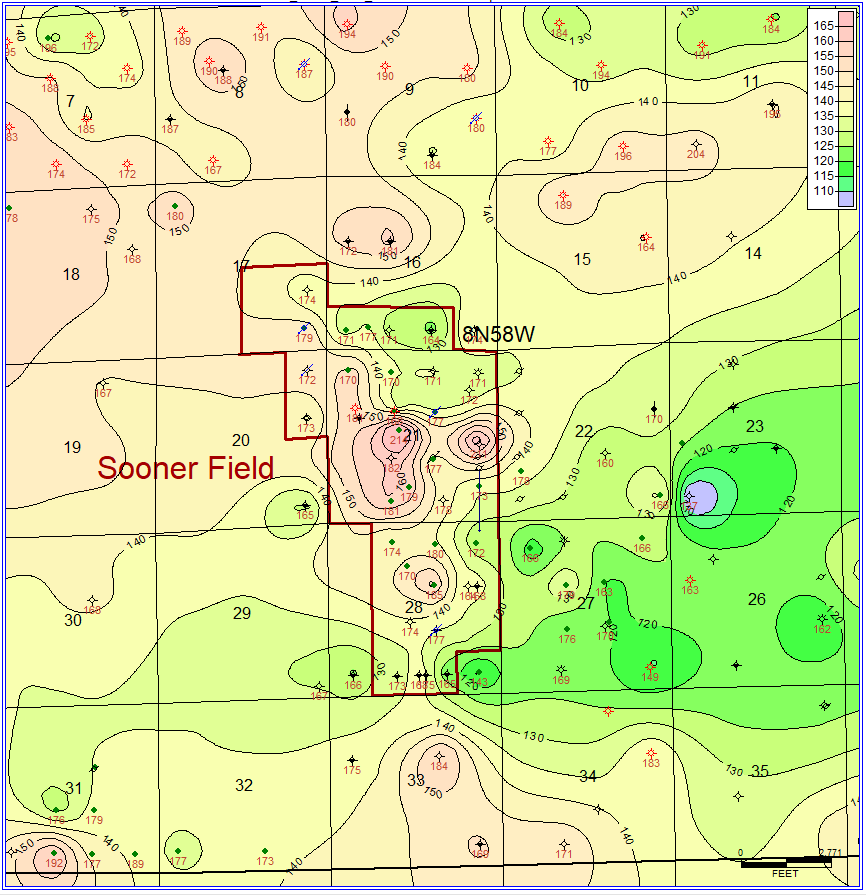
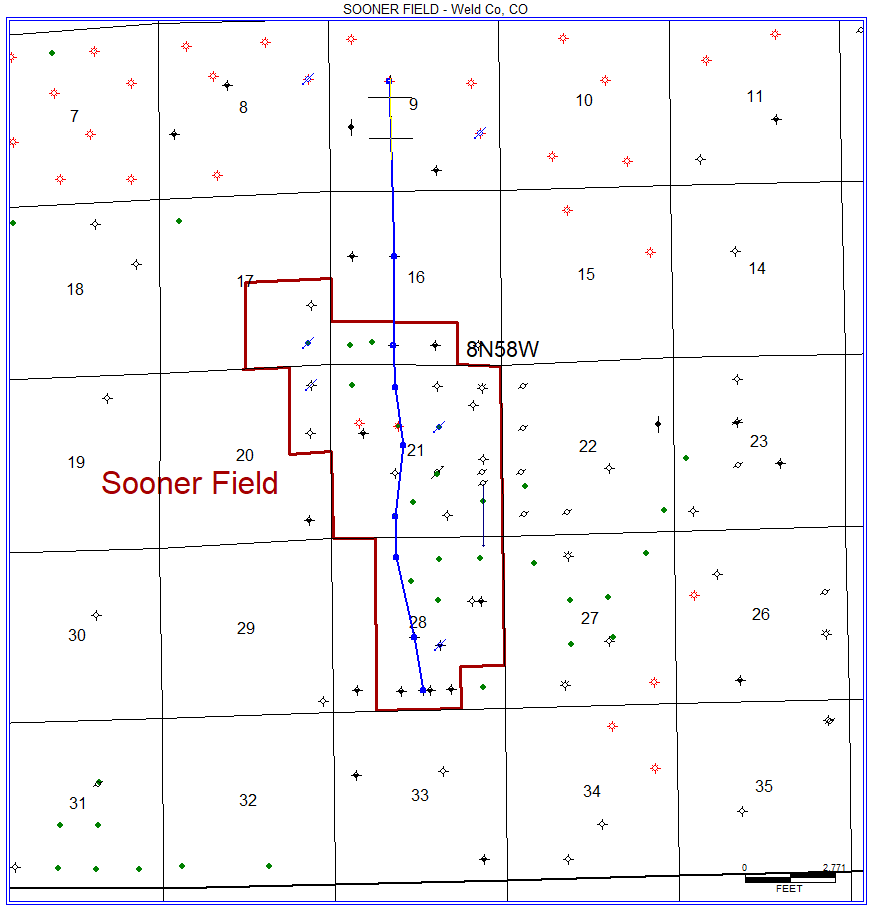
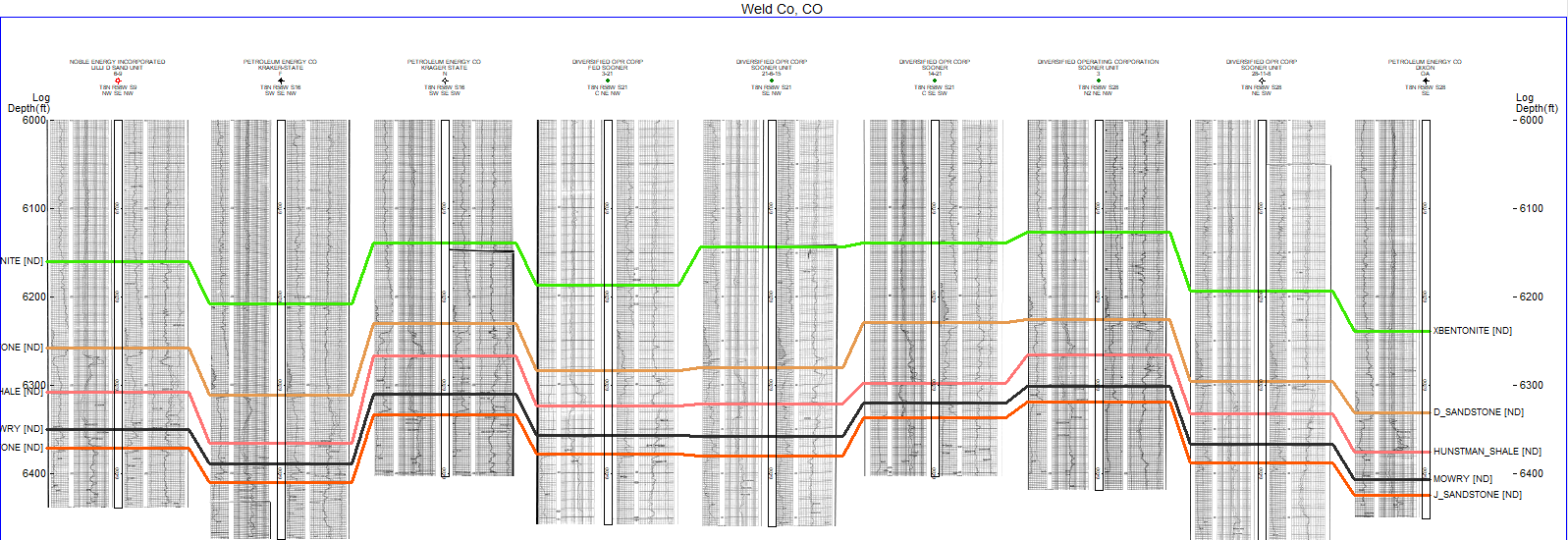
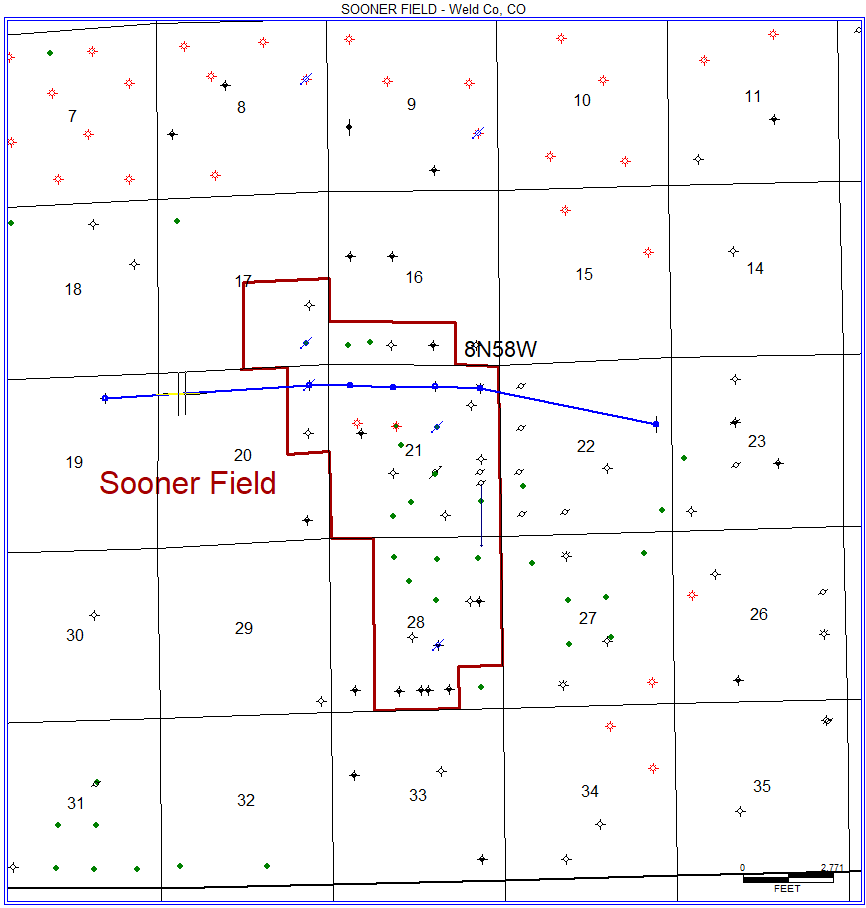
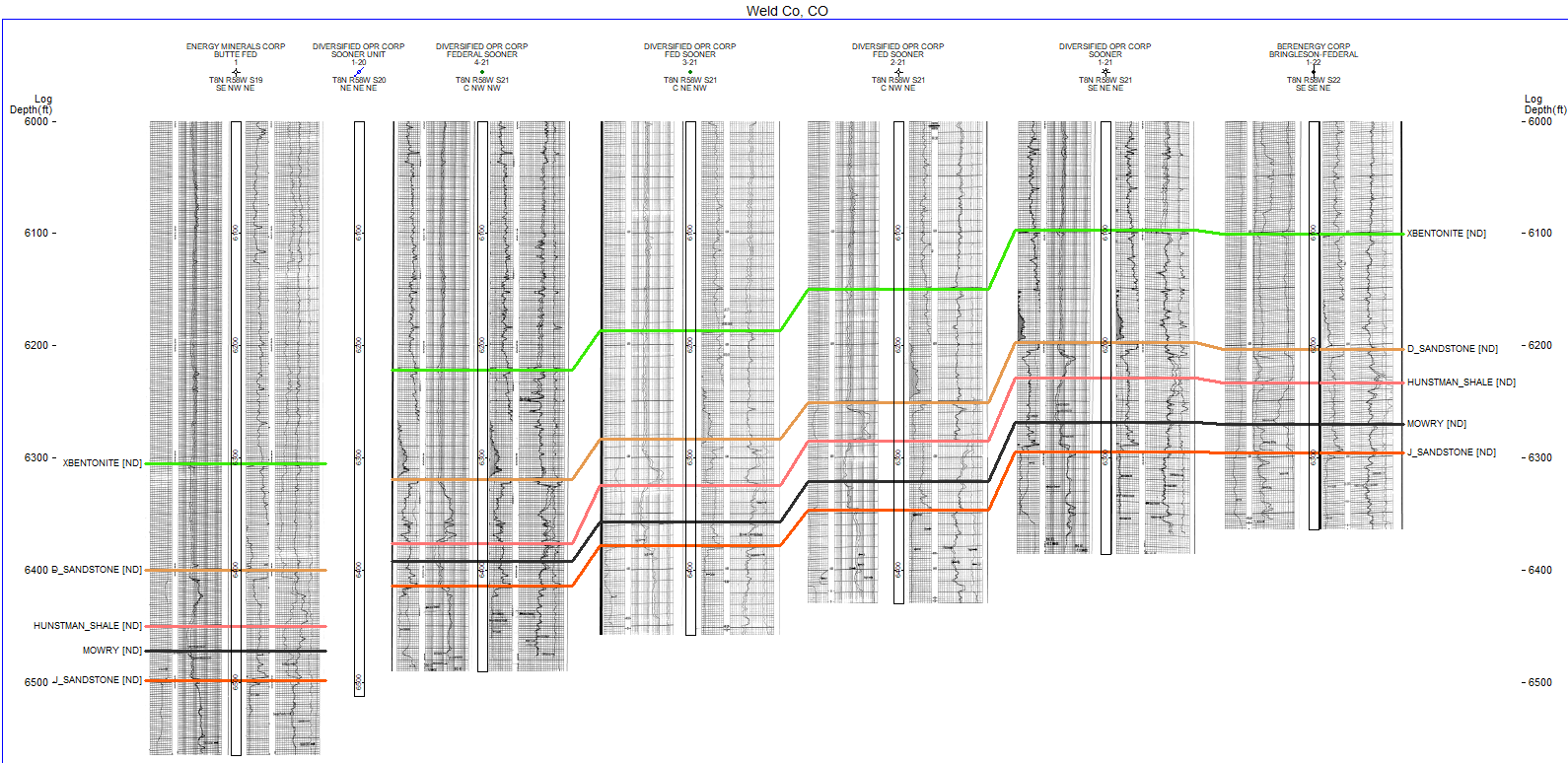


Figure 5: Isopach Map of Graneros (X-Bentonite) to Mowry







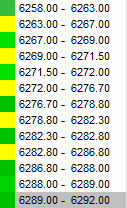


Figure 7: Added Depth Intervals for Core Data

(Depth Intervals on the right)