

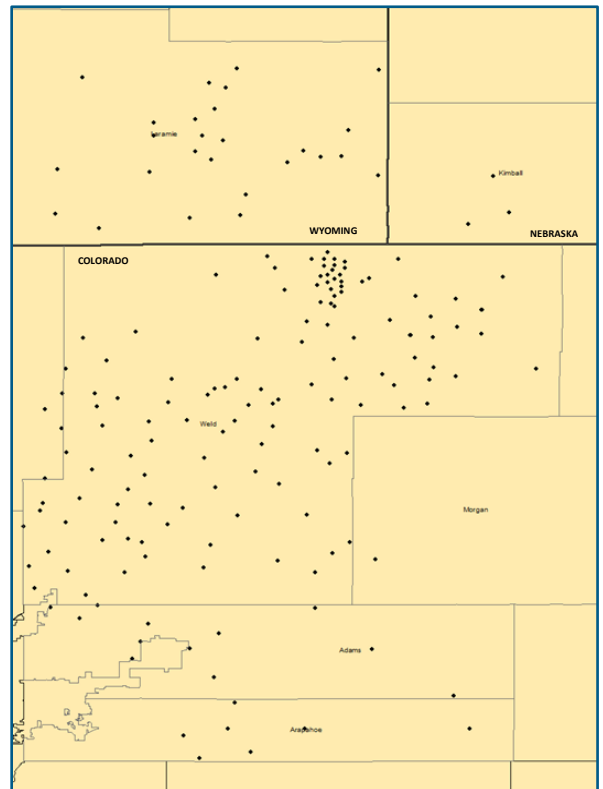
NIOBRARA-DJ BASIN DATABASE & FORMATION PROPERTIES CATALOG™

PSi has developed a core-calibrated well log database for the Niobrara-DJ Basin. Dataset includes:

- Edited log datasets QC'd for validity and consistently named – available in LAS file format for quick and easy loading.
- Fully interpreted results data from the base of Pierre Sh to the DJ Sands including clay volume, kerogen corrected total porosity, total water saturation, TOC, hydrocarbon index, mineral volumes, mechanical properties (where possible), and OOIP/640ac.
- Interpretation built around *well log – regional core analysis* relationships.
- Customized summaries available on various reservoir properties for mapping purposes.
- Basic zone set included for area of interest.
- Spotfire® database (Formation Properties Catalog™) for rapid querying of the data.

Key uses of this database include:

- Set of mappable subsurface attributes that have been consistently calculated using calibrated measurements and QC'd by experienced professionals – allowing Clients to make apples to apples comparisons
- Gives ability to compare production to petrophysical properties and other subsurface attributes
- Fills in internal data gaps with a consistent and calibrated dataset
- Eliminates “grunt work” that would otherwise be done by internal staff – freeing them up to do higher level work
- A&D regional resource assessment for play trends



Interpretation from base of Pierre Sh to the DJ Sands

Dataset is comprised of **190** wells.



Petrophysical Solutions, Inc.

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Example of Detailed Petrophysical Analysis Niobrara-DJ Basin

