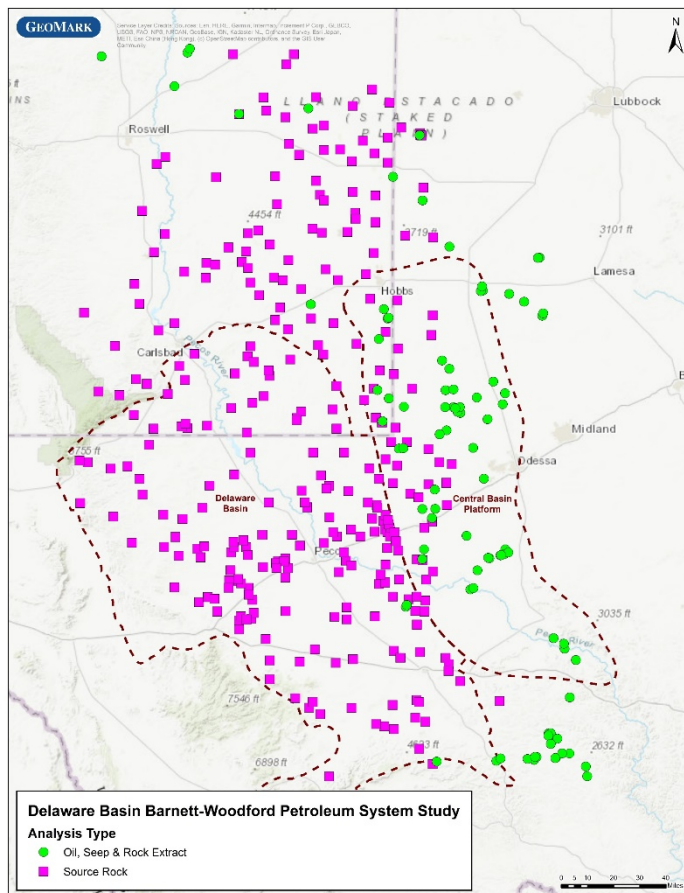


Delaware Basin Woodford-Barnett Petroleum System Study

Detailed Analysis of Source Rock, Oil and Gas Samples from the Woodford-Barnett of the Delaware Basin



GeoMark Research has completed a detailed geochemical study of the Woodford-Barnett petroleum system of the Delaware Basin with the purpose of identifying and delineating where one or both intervals shows evidence as a potential resource play. This work characterizes the source rock in its present-day condition and thermal maturity vs related produced fluid as they may be present in equivalent formation shows as well as their presence in shallower reservoirs.

This assessment is finished and ready for delivery as a PDF and ArcGIS product. The purchase price includes a perpetual license to all study documents and a 3-year subscription to the raw dataset.

This work is based on a proprietary dataset of more than 100 fluid samples and 3,000 source rock samples from 300 wells. Key observations from this analysis include:

- Criteria for determining in-situ oil generation vs migrated fluids and estimation of oil in place.
- Definitions of Woodford vs Barnett oil families and discussion of their presence in shallow reservoirs (or absence).
- Fluid property variations (API/GOR) related to tectonic history variations and how this effects well performance.

Well Count: 309
Oil Samples: 104
Source Rock Samples: 3308

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