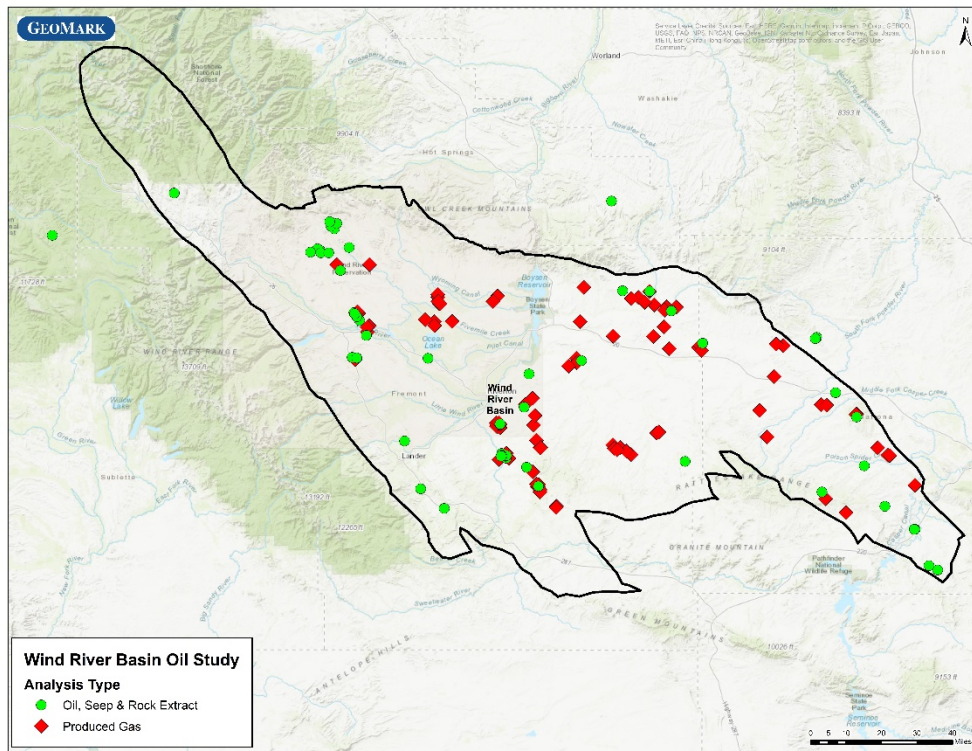


Wind River Basin Geochemical Study

Geochemistry and Exploration Significance of
Crude Oils and Natural Gases from the Wind River Basin



GeoMark has completed an investigation of the geochemistry of oils and gases from the Wind River Basin. Each oil was characterized by an analytical program that included bulk compositional data, quantitative analysis of aromatic and saturate (terpanes and steranes) biomarkers, and determinations of stable isotope compositions of the saturate and aromatic hydrocarbon fractions. Classification of geochemical data were accomplished using cluster and principal component analyses.

Key conclusions from this study include:

- Determination of the number of distinct petroleum systems operating in the basin,
- Ranking of the major petroleum systems implied by the geochemistry of these samples,
- Identification of under-explored plays and discussion of vagrant oils and gases.

This interpretive assessment is finished and ready for delivery as a PDF and ArcGIS product. Data used in this interpretation is available for a separate subscription fee. Please contact GeoMark research for more information.

Samples: 115 Oils
318 Gases
370 Total Wells

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