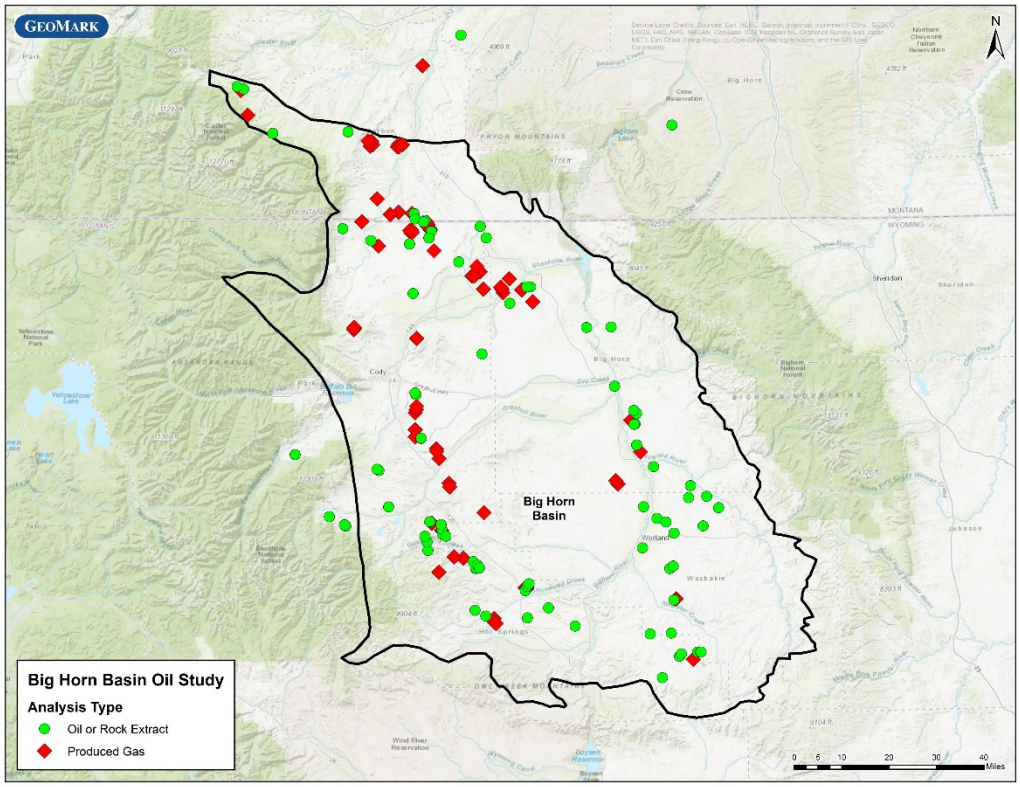
GEOMARK

Big Horn Basin
Fluid Character Assessment

Fluid Quality Interpretation of Crude Oils and Natural Gases



GeoMark Research has completed an investigation of more than 100 oil and gas samples from over 20 reservoirs in the Big Horn Basin. The analytical program consisted of bulk compositional data, isotopic analysis and source and maturity related biomarkers. Using this proprietary dataset, GeoMark determined the most significant source rocks, their thermal maturity variations and migration limits. Key observations presented in this assessment include:

- Definitions and natural variations for 3 key source horizons
- Explanation of the origin and migration pathway of Paleozoic sourced gases
- Highlights of underdeveloped plays and infill opportunities.

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.

Well Count: 179
Oil Samples: 111
Gas Samples: 89

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