

North Dakota oil, natural gas, petroleum, refinery support and expertise.

Intertek

Valued Quality. Delivered.



Intertek supports the oil and gas industry in North Dakota and the Bakken shale oil reservoir region with a wide range of testing, inspection, certification and other services dedicated to supporting oil, natural gas, refining and transportation quality and operations.

Intertek's North Dakota laboratory facility provides crude oil testing needs, locally and regionally, to global quality standards.

Our personnel provide crude oil and natural gas field sampling, Metering and Measurement Services including; meter proving and 3rd party witnessing, Inspection services of storage tanks, railcars and pipelines, gauging of storage tanks and railcars. Intertek also provides professional accurate and detailed measurement and calibration (strapping) of storage tanks, equipped with state-of-the-art measuring devices.

Trained staff handle Haz-Mat shipping of crude oil, natural gas, natural gas liquid, condensates, refined fuels, and other refined products for any additional laboratory analysis not performed locally. Sample pickups are easily arranged throughout western North Dakota.

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Analysis	Test Method
Micro Carbon Residue (MCRT)	ASTM 4530
Viscosity - Dynamic	ASTM 7042
Intertek Crude Oil Rapid Yield Testing	ASTM D 7169 and ASTM D7900 (C1-C10) Merge, Appendix X1 Compliant
Standard Test Method for Analysis of Natural Gas by GC	ASTM D1945/1946
Saybolt Viscosity by Way of Kinematic Viscosity Conversion	ASTM D2161
S & W (Centrifuge)	ASTM D4007, ASTM D1796
Sulfur Content	ASTM D4294
Sediment by Extraction	ASTM D473
Water Content by Karl Fisher (Coulometric)	ASTM D4928
API/Density/Specific Gravity (Densitometer)	ASTM D5002, D4052
Determination of Sulfur Compounds in Natural Gas	ASTM D5504
Flash Point	ASTM D56
Method for Sulfur Compounds in Light Petroleum Liquids	ASTM D5623
Hydrogen Sulfide in Vapor phase	ASTM D5705 MOD, ITM 3468
Metals Analysis by ICP: Ni, V, Fe	ASTM D5708 Method B
Vapor Pressure	ASTM D6377, ASTM D5191, ASTM D323
Acid Number (TAN)	ASTM D664
High Temp Simulated Distillation	ASTM D7169
Chloride - Organic	ASTM D7536_MOD
Light Ends Analysis by GC for Crude Oils	ASTM D7900, ASTM D6730
Distillation, Atmospheric	ASTM D86
Water by Distillation (for Residual Fuels)	ASTM D95
Pour Point	ASTM D97
Analysis of Natural Gas Liquid Mixtures	GPA 2177
Method for Extended Analysis of Hydrocarbon Liquids	GPA 2186
Analysis for Natural Gas (micro GC)	GPA 2261
Extended Analysis of Natural Gas	GPA 2286
NACE Corrosion	TM 0172
Hydrogen Sulfide in Liquid phase	UOP 163

Also:

IATA Dangerous Goods Shipping Certification.

Complete Crude Assay on all grades of Bakken Crude can be completed at Intertek New Orleans or Intertek Houston petroleum laboratories.