



Energy Precision Testing & Laboratory performs comprehensive environmental testing, including analyses of oil and natural gas, hydrocarbon, water, soil, and minerals. EPTL is one of the most technologically advanced environmental/petroleum laboratories in the Texas Panhandle.

EPTL's full-service lab offers convenient, cost-effective testing capabilities, providing our customers with timely, reliable results. Our gas chromatography lab utilizes several gas and HPLC chromatographs for the determination of hydrocarbon fractions, sulfur compounds and inert gas species. Additionally, our lab is equipped with an ICP-MS and ICP-OES for inorganic quantification of metals and ions as well as a full wet chemistry lab for testing petroleum, water and solid products.

LAB SERVICES

WATER ANALYSES

Trace Elements by ICP (Inductively Coupled Plasma Spectroscopy)

Toxic Metal Analysis

Alkalinity

Total Hardness

BOD/COD

Conductivity/Resistivity

Oil & Grease

TPH

Dissolved Oxygen

pH

Scaling Index

Specific Gravity

Suspended Solids

Phosphates

Amines

Carbon Dioxide

Sulfate

Sulfide

Produced Water Analysis includes alkalinity, barium, calcium, chloride, iron, manganese, magnesium, pH, potassium, resistivity, sodium, dissolved solids, suspended solids, specific gravity, sulfate, and scaling tendencies

NATURAL GAS CHROMATOGRAPHY

C6+--C12+ fractional analysis (moisture content, helium, hydrogen, and oxygen)

Extended Sulfur Speciation

C7+ Recombination Analysis

Methanol Analysis

LIQUID CHROMATOGRAPHY

C6+--C12+ fractional analysis

Extended Sulfur Speciation

Methanol Analysis

PETROLEUM TESTING

Distillation

Total Sulfur

Water Content

API Gravity

Asphaltenes/Paraffin Wax Content

Flash Point

Copper Strip Corrosion

Pour Point/Cloud Point

Reid Vapor Pressure

Viscosity

Saybolt Color

SOLID ANALYSES

Bulk Chemical Analysis by ICP

XRF

Filtration Wash Method

For pricing or a more comprehensive menu of our testing services, please contact our lab.

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