



**STRATUM**  
RESERVOIR

# EXPERT WITNESS SERVICES

---

PH: 832-375-6800  
E: [litigationsupport@stratumreservoir.com](mailto:litigationsupport@stratumreservoir.com)

Stratum Reservoir can provide industry leaders as consulting and/or testifying expert witnesses and analysis in various substantive fields, including geochemical, geophysical and laboratory services.

## **AREAS OF EXPERTISE**

- Determine the origin of production gas
- Identifying storage gas in wells outside gas storage fields
- Identifying origins of gas in groundwater (stray gas)
- Determining origin of oil seeps or spills found at the surface
- Identifying water contamination from acid rock/mine drainage

## **ADDITIONAL SERVICES & CAPABILITIES**

- High resolution gas chromatography (fingerprinting)
- Gas chromatography/mass spectrometry
- Carbon, hydrogen, nitrogen, oxygen and sulfur isotopic analyses
- Oil, water, gas and rock chemistry
- Other related geochemical and geophysical analysis

## **VALUE**

- Expert integration of geochemical, geological and engineering data to resolve complex questions of hydrocarbon origin
- Team of internationally recognized senior geochemists with collectively hundreds of years of geochemistry interpretation experience and numerous of publications
- Extensive experience identifying the contributions of multiple sources to a hydrocarbon occurrence that is derived from more than one source
- Experts in distinguishing naturally occurring hydrocarbon seeps from anthropogenic hydrocarbon releases
- Proven experience explaining complex subjects in easy-to-understand terms (hundreds of classes taught in 17 countries)

## **TRIAL AND REGULATORY EXPERIENCE**

- Industry leading experts with experience in all phases of litigation, e.g., preparation of expert reports, deposition testimony and live witness testimony
- Appeared in state and federal court, arbitrations and regulatory proceedings (Texas Rail Road Commission and Oklahoma Corporate Commission)

