GEOCHEMTECH INC.

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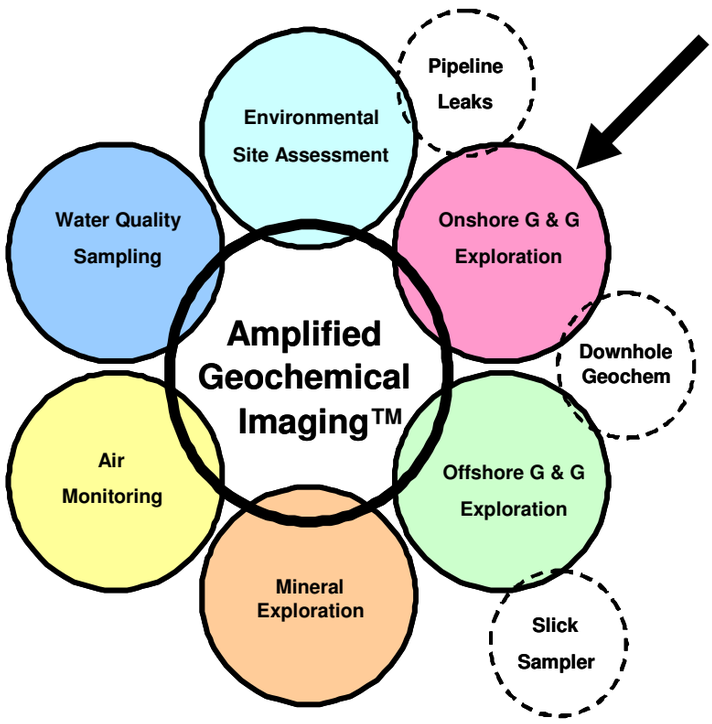
February, 2009 Newsletter

RISK REDUCTION THROUGH DIRECT HYDROCARBON DETECTION

Onshore G&G Exploration - Development

Amplified Geochemical Imaging™ surveys have application in exploration / prospect evaluation, frontier areas and field development.

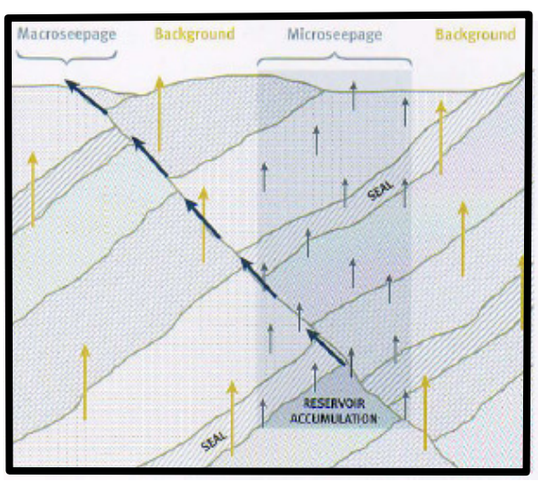
Used for exploration and prospect evaluation, the technology helps focus costly geophysical efforts, prioritizes leads for further evaluation, and investigates hydrocarbon charge in structural and stratigraphic traps. Defining charged channel sands, difficult to find by seismic alone, is an easy task for Amplified Geochemical Imaging™.



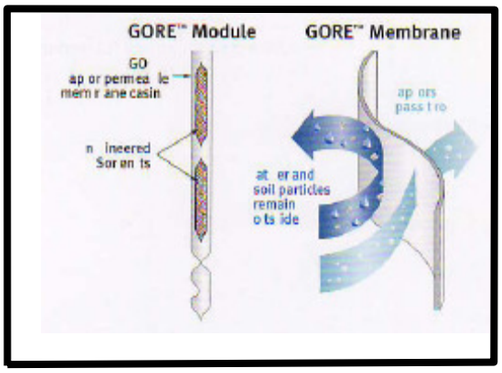
Frontier application allows timely evaluation of very large blocks (**thousand of km^2**) at a fraction of the cost of seismic. It can be used to validate the petroleum system, make decisions on areas of the block to retain, high-grade leads and to focus expensive seismic to areas with the **highest hydrocarbon potential**.

The aerial extent of producing fields and locating field extensions and potential areas for secondary recovery can be defined using Amplified Geochemical Imaging™. The surveys help increase production and build reserves by finding by-passed pay and improve the effective design of water and CO_2 flooding.

Microseepage



The patented GORE™ module, with its vapor-permeable membrane, proprietary sorbent technology and passive deployment, enables the capture of microseepage signals from interstitial hydrocarbon gases. Building on this proprietary collector, Gore's Amplified Geochemical Imaging™ combines sensitive GC/MS analysis and advanced mathematical and statistical techniques to identify and analyze the microseepage signal resulting in a map of hydrocarbon charge.



The GORE™ Module contains a specially engineered hydrophobic absorbent encased in an expanded polytetrafluoroethylene (ePTFE) membrane. The ePTFE membrane repels soil particles and liquid water, but the unique pore structure, much larger than molecules of soil gas, provides an unimpeded path to the adsorbent. This allows the module to cope with many local and regional variations in soil character and to be placed directly in dry or saturated soils or in water up to a depth of about 10m.

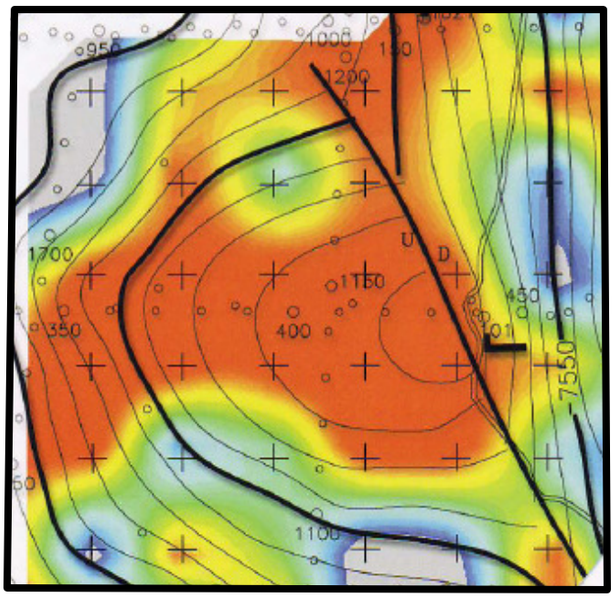
"Detects up to 85 different target compounds, from C2 to C20, with high accuracy."

Module Deployment

Installation and retrieval of the GORE™ Modules is rapid, easy, simple and inexpensive using hand tools in soil or hands drills in rock or permafrost.

Exposure time depends on the application and for petroleum exploration can vary from 17 to 28 days depending on local soil and temperature conditions.

"NO NEGATIVE ENVIRONMENTAL IMPACT"



Results are summarized and reported in a professional package that Includes:

- QA/QC summary
- Geochemical modeling
- Colour contour probability maps
- Summary & conclusions

GORE™ Survey – Amplified Geochemical Imaging™ for petroleum exploration and development where seismic is ineffective, costly, or combined with geophysical techniques can shorten the exploration cycle and dramatically increase success.

NEWS RELEASE

Romgaz Selects GORE™ Surveys For Romanian Gas Exploration

Elkton, Maryland, USA — For the tenth consecutive year, **W. L. Gore & Associates, Inc**., has been selected to perform GORE™ Surveys for all Romanian surface geochemical exploration done by **S.N.G.N. Romgaz S.A.**

Subject to Romgaz agreements with the Romanian National Agency for Mineral Resources, this contract will be extended through at least 2010.

For the 2008 contract, Gore will evaluate 1,800 samples taken in two project surveys, with the first project already started in the Moldavia region of Romania.

Since 1999, Romgaz and Gore have worked closely to identify potential gas reservoirs in Romania. To date, the two organizations have completed 28 surveys using approximately 16,000 samples in very rugged terrain.

According to senior Romgaz specialists, "The Moldavia region is difficult to explore because it is very remote and includes the heavily forested Carpathian Mountain range. Using GORE™ Surveys makes exploration easier by eliminating the need to transport and install expensive seismic and drilling equipment throughout this harsh terrain. Our team simply buried the GORE™ Samples less than a meter below the surface, collected them about two weeks later, and sent them to Gore for analysis."

Romgaz specialists also state, "Using GORE™ Surveys has improved the accuracy of our exploration at a fraction of the cost of seismic surveys, which means that we can locate charged reservoirs more quickly and reduce the risk of drilling dry wells. We have maintained a long relationship with Gore because of the success and accuracy of their GORE™ Surveys."

The unique benefit of using Amplified Geochemical Imaging technology is the ability to also measure thermogenic hydrocarbon mass in the critical mid-range hydrocarbon compounds.

These **"gasoline-range" compounds**, C10 though C15 and up, are not easily derived through most other geochemical methods. Samples are easily gathered by inserting GORE™ Modules (passive sampling devices) less than one meter below the surface of the survey area. With **90**

percent accuracy in mapping petroleum versus dry background areas, Amplified Geochemical Imaging technology accommodates seasonal, ecological, topographic, and regional geological conditions that might alter the compositional transformations of hydrocarbons from place to place.

S.N.G.N. Romgaz S.A is the leading producer of natural gas in Romania, with a 41 percent share of the domestic gas supply. Working through the state's Ministry of Economy and Finance, ROMGAZ focuses on geological research, gas production, and development of underground petroleum reservoirs.

For further information regarding **Amplified Geochemical Imaging technology**, contact Bob Potter, Geochemtech Inc. at **(403) 863 9738** or ropotter@geochemtech.com

Regards Bob Potter

Geochemtech Inc.

Phone (403) 863 9738

Email: ropotter@geochemtech.com

Website: www.geochemtech.com