

RISK REDUCTION THROUGH DIRECT HYDROCARBON DETECTION

AMPLIFIED GEOCHEMICAL IMAGING

The GORE Amplified Geochemical Imaging Survey method is an advanced surface geochemical prospecting tool capable of detecting and quantifying many organic compounds in the C2 to C20 range. This geochemical sampling system employs the GORE Module (patented passive soil vapor sampling device), state-of-the-art chemical analysis and sophisticated statistical geochemical pattern recognition and has evolved from over fifteen years of experience in soil gas geochemical exploration and analytical chemistry. It is capable of differentiating reservoir hydrocarbons from “background” hydrocarbons (emanating from vegetation, shallow pollution, source rock, etc.).

Typical applications of this technique include: 1) Frontier to determine hydrocarbon potential over large previously unexplored areas; 2) Exploration focus geophysical efforts, prioritize leads or investigate stratigraphic traps; 3) Development define the areal extent of producing fields and locate potential areas for secondary recovery. Prudent use and integration of the geochemical results can have significant benefits to the success of an exploration program, resulting in fewer dry holes.

