

ENERGY BUSINESS REVIEW

CANADA SPECIAL

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Chapman Petroleum Engineering Ltd.

Streamlining Reservoir Management

Oil and gas companies require due diligence to assess the feasibility and make informed investment decisions when embarking on new ventures. Independent due diligence and reserve evaluation reports that comply with regulations are critical in meeting stock exchange continuous disclosure requirements and streamlining procedures like acquisitions, dispositions, and routine technical issues.

Chapman Petroleum Engineering Ltd., a Canadian consulting firm with four decades of experience in petroleum engineering, geology, and geophysics, is a pioneer in reserve and resource evaluation. Its end-to-end consulting portfolio encompasses acquisition analyses, specialized technical studies, property exploitation, and resource management and reserve evaluation reports with adherence to disclosure requirements for the stock exchange.

Having served over 1,600 clients with oil and gas properties in 60 countries, Chapman has extensive international project experience, covering many oil and gas basins across the globe. With at least 25 years of diversified experience, its adept team of engineers, geoscientists and support staff, acts as qualified reserve evaluators under Canadian securities regulation NI 51-101 and Chapman is renowned for its expertise in log analysis.

During the evaluation process, the team assesses technical data, production history, ownership structures, revenue statements, and fiscal regimes to establish reserves for its clients. Compassionate about clients' needs for economic evaluation, Chapman performs an analysis of a company, covering details like location, type of production, and number of wells. Post-evaluation, a resource assessment report is formulated, estimating operating costs and future cash flows, up until the well abandonment stage, to facilitate a seamless process for regulatory filings, internal planning, fundraising and legal purposes.

Chapman embraces a proactive approach to diversification that covers the oil and gas industry's full spectrum, with a distinct focus on nurturing startups, fueling their progress, and steering them toward success.

"Marking a historic milestone is our hands-on involvement with a hydrogen accumulation in Mali, West Africa, where the client is actively producing natural hydrogen gas from a shallow depth," says Charlie Chapman, president of Chapman Petroleum Engineering Ltd.

Conventionally, hydrogen can be processed from methane reformation or manufactured from various sources to be used as an alternate energy source. Chapman has carved a niche in hydrogen exploration with its 10 years of extensive

research to understand the existence and production of natural hydrogen.

Additionally, while representing an international client operating 170 oil and gas wells in Alberta, Chapman unveiled another facet of its diverse portfolio by delivering comprehensive project management assistance. It acted as an extension of the client's managerial staff, overseeing field operations, acquisitions, dispositions, financial management, and reporting activities to streamline the reservoir exploitation process.

Marking a historic milestone is our hands-on involvement with a hydrogen reservoir in Mali, West Africa, actively producing pure hydrogen from a shallow reservoir

A typical case study highlights its approach in reservoir engineering. When a client needed a comprehensive assessment of its drilled well findings, it entrusted Chapman with the raw data for evaluation. The team meticulously interprets the data using well logs and core data to identify promising zones and potential challenges, advising the client on suitable strategies for well completions.

Drawing on a foundation steeped in innovation and a commitment to sustainability, it continues to provide reliable consulting services in a timely and cost-effective manner. Chapman is the smart choice for organizations looking for specialized petrophysical analysis and comprehensive resource assessments for fund raising, reserve reporting and new listings on stock exchanges. **EB**

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Charlie Chapman,
President

