

BIG GUNS ENERGY SERVICES



Your Trusted Partner in Shale Oil & Gas Development

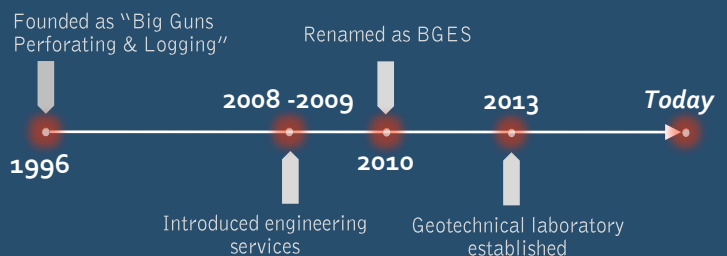
Canada's award-winning GeoContainment™ evaluation company

BGES (Big Guns Energy Services Inc.) is a premier provider of specialized subsurface testing and evaluation services, featured in the 2023 Energy Business Review cover story. Also recognized as the 2022 Company of the Year, Oil & Gas Canada's Consultant of the Year, and one of Alberta Oil Magazine's Top 200 companies, we offer unparalleled expertise. Our solutions span a wide range of sectors, from unconventional oil & gas to subsurface storage & disposal, carbon capture, utilization & storage (CCUS), salt cavern development, hydrogen energy storage, compressed air energy storage, geothermal energy production, solution mining, and potash extraction. Trusted by the Big 4 oil producers and major utilities in Canada, we have formed collaborations with partners in the US, Europe, and Asia.



COMPANY HISTORY

Established in 1996 as a cased-hole wireline company, over nearly three decades, BGES has evolved into Canada's leading specialist in geoscience, engineering and data acquisition solutions for the energy and mining sectors. Our core mission is to leverage technical expertise and operational proficiency to mitigate safety, environmental, and financial risks.





Geocontainment involves confining subsurface operations within designated systems to prevent adverse outcomes.

BGES' end-to-end geocontainment assessment services encompass the entire lifecycle of shale oil and gas production. This includes wellsite core collection and geotechnical lab testing in the exploration phase, diagnostic injection testing (DFIT) for in-situ stress evaluation and

hydraulic fracturing, cased-hole logging including production logs and well integrity assessments during production, as well as end-of-life well decommissioning.

With a specialized Geoscience & Engineering team, we assist clients throughout various stages of a project, while maintaining transparency in data management and delivering meaningful results.



Scientific

BGES excels in merging science and practice, leveraging expertise, and prioritizing work quality through real-world experience, cross-disciplinary knowledge, R&D, technology, and advanced testing methods.



Expertise



Quality-Focused



Integrated



Flexible



Cost-Effective

We offer cost-effective solutions through seamless integration of services, streamlining field operations and providing customized, flexible options to meet specific needs.



**THE BGES
ADVANTAGE**

SERVICES & EVALUATIONS



Core Capture & Management

Effective lab tests rely on meticulous core management. BGES ensures success by having a Professional Geologist/Engineer oversee wellsite core recovery. Subsequently, cores are preserved and transported to our dedicated lab.



Lab Testing

BGES provides customizable geoscience and geotechnical lab testing services tailored to a project's specific needs. Our patented core testing includes ambient and high-temp triaxial analyses, multi-stress, and multi-temp permeability tests.



Diagnostic Fracture Injection Testing

Diagnostic Fracture Injection Tests (DFITs) are performed by skilled technicians using advanced equipment. A comprehensive report includes in-depth analyses by technical experts utilizing the renowned GOHFER® Pressure Diagnostics.



Cased-Hole Completions

BGES excels in cased-hole services, specializing in logging, perforating, and data acquisition. Our production logging monitors fluid flow, while well integrity logs assess well structural stability for safety and operational efficiency.



Decommissioning

We are also experienced in the safe and efficient well abandonment process, ensuring compliance and minimizing environmental impact at the end of a well's service life.

Contact Us



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