

Drilling Engineering & Consultancy Services

Introduction Caliber Energy

A journey of over 20 years in oil and gas has paved the way for innovative energy management solutions. Since 2021, a commitment to excellence has been at the forefront of every project, shaping a sustainable future. Caliber Energy's experienced management team has developed a strong reputation by working with over 100 clients, including oil and gas operators, service companies, investors, and global governments. With technical expertise spanning geoscience, subsurface engineering, well construction, completions, well testing, petroleum engineering, and new energy, Caliber is well-positioned to provide tangible value to each of its clients.

Caliber's key differentiator is its ability to independently offer these services as standalone solutions or as an integrated package, always prioritizing the client's projects and team. This approach allows Caliber to build long-term relationships with clients through continuous engagement across multiple disciplines. Caliber can seamlessly execute production enhancement and decommissioning programs that require diverse technical skills and enabling technologies, ensuring optimal outcomes for its clients.

Why Choose Caliber Energy

- Australia based Independent Company, owned and managed by a Management Team who has 15+ years domestic and 25+ years international Oil and Gas experience who incepted the company in Perth Australia, with the sole focus to provide and support independent Operators, provide best in class service whilst providing our clients and contractors with a hands-on approach that would provide considerable value add.
- Management Team have a Strong track record with continued repeat business showing confidence from our clients that we deliver exactly what we say we will.
- The sole focus is your project success – our reputation for delivering on time, thinking out of the box to find solutions for each client should instil confidence with clients
- Caliber Energy are financially strong, allowing us to provide better terms for both clients and contractors, which shows stability, credibility, a desire to offer more and security.

Drilling Engineering & Consultancy Services

Core Areas of Expertise

Our core technical competencies span a wide range of oil and gas disciplines, including:

Unconventional Oil and Gas
Conventional Oil and Gas
HPHT Wells Engineering and Design
Coal Seam Gas and Gas Hydrates
Shale Gas and Tight Gas
Subsea Wells
Onshore Development
Offshore Development
Deepwater Wells

Design & Engineering

Engineering and Design
Offset well review
Conceptual well design
Rig selection
Casing and tubing design
Torque and drag modelling
Wellbore hydraulics
Directional planning
Drilling and completion fluid selection
Formation evaluation planning
Horizontal and multilateral well design
Advanced drilling techniques
Well re-entry, workovers and sidetracks
Sand control selection and design
Artificial lift design
Well stimulation planning
Well suspension and abandonment
Well integrity management

Consultancy Services

Provision of highly skilled, qualified personnel embedded within your organisation

- Drilling Manager & Superintendent
- Drilling/ Completion/ Well Test Engineer
- Wellsite Engineer
- Drilling Supervisor - SDSV / NDSV
- Drilling Health, Safety, Quality and Environment (HSE)
- Drilling Logistics coordinator
- Operations and Wellsite Geologists
- Fluids Advisor/Engineer / Cement Engineer
- Subsea Supervisor/Engineer
- Well Test Engineer/Supervisor
- Subject Matter Experts for Plug and Abandonment

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Project Management

Project scoping studies
Planning and design
Personnel resourcing
Procurement and contracts
Budgeting, cost control and analysis
Logistics planning and implementation
Regulatory Approval applications
Environmental plans & applications
Risk management
HSE documentation & management
Contractor management
Well construction
Well integrity management systems
Project reviews and audits
Seismic acquisition and processing
Exploration programmes

Subsea & Well Test

DST & production test design
Data acquisition planning
Well test interpretation
Well intervention planning
Well services procedures
Well performance modelling
Artificial lift analysis
Tubing stress analysis workover fluid selection and testing
Well stimulation design
Problem well investigation
Well integrity investigation

HSE

Health and safety management systems
HSE system bridging requirements
Environmental management plans
Emergency management plans
Journey management plans
Waste management plans
Oil spill contingency plans
Gap analysis

Energy Transition

Carbon Capture Storage (CCS)
Geothermal
Transition planning studies
Technology reviews