

# 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 inceptioned 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

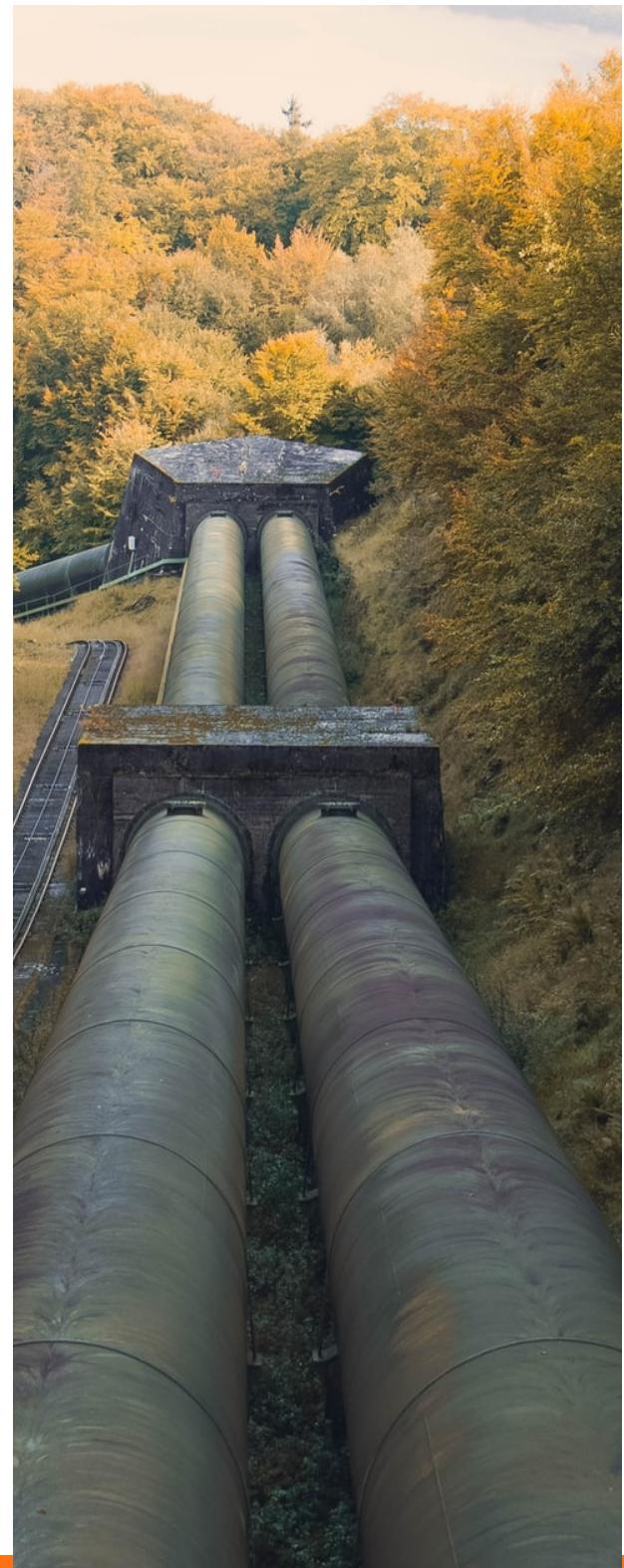
Engineering and Design  
Offset well review  
Conceptual well design  
Rig selection  
Casing and tubing design  
Torque and drag modelling  
Wellbore hydraulics  
Directional planning  
Drilling and completion fluid selection  
Formation evaluation planning  
Horizontal and multilateral well design  
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

# Drilling Engineering & Consultancy Services



## 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