



2025

CAPABILITY STATEMENT

Drilling services and engineering solutions

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About Us

Who we are

Founded in Sydney, Australia in the 1950's, the company became a highly specialised mining and infrastructure service provider in Australia. AJ Lucas listed on the Australian Stock Exchange in 1999 and saw considerable growth in the following years, concentrating on the resources market and undertaking significant projects in the Water, Oil and Gas segments.

What we do

Lucas Drilling provides a comprehensive suite of drilling services which includes exploration, production and directional drilling. Lucas also provides a range of engineering services including design of wells, drilling optimisation, professional steering services, specialised equipment and geosteering for directional drilling programmes.

Our Experience

With over 40 years of experience in the mining and coal seam gas industries, Lucas has developed a unique operating platform designed to deliver high-value solutions to complex and critical projects.



Our People

Lucas is recognised for having a highly skilled and respected workforce of approximately 285 employees, many of whom live and work within our operating regions. Performance management and leadership development are central to maintaining high levels of team engagement. We prioritise the growth of our people by offering customised training programs and opportunities to gain industry-recognised qualifications. Additionally, our promotion and rotation initiatives across various operational areas enhance our employee's versatility and experience. This commitment to employee development is reflected in retention of our field leadership; with the average tenure in excess of 12 years.

Health & Safety

Our personnel are highly skilled with an outstanding safety record. We are committed to maintaining an injury-free workplace through an embedded safety culture and a comprehensive Occupational Health and Safety System. These ensure effective environmental and safety practices across all our operations. Our Safety and Quality Management Systems are accredited to AS/NZS and ISO standards.

Our Values

Underpinning our technical expertise and experience is the practical knowledge, application and attitude of our people. We have a passion for building relationships and providing solutions; this is the Lucas difference. We are committed to becoming the first choice for our customers and our people. We do this

by providing a safe and productive workplace where our people feel valued and can achieve their full potential. For our customers, we develop and deliver solutions to exceed their expectations. Our values set the foundation for the way we work and the standards we expect of ourselves.



“ We have
a **passion**
for **building**
relationships
and **providing**
solutions ”

We care

We do whatever it takes to keep people safe
We look after our work environment
We take pride in our work

We are efficient

We plan
We look for better ways to do things
We share our knowledge and resources

We work as a team

We encourage and support each other
We communicate openly and honestly
We listen and give everyone a fair go

We show respect

We value individual strengths
We comply with rules and regulations
We go out of our way to help

We act with integrity

We do what we say we will do
We are open and honest
We hold each other to high principles and standards

Snapshot 2024

During 2024, Lucas successfully managed 38 drilling projects



852

Wells Drilled

270,357

Metres Drilled

138

Kilometres Steered

176

Kilometres Casing Run

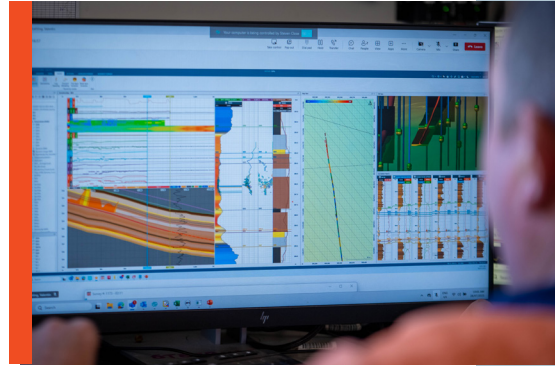
87,590

Operational Hours

1,372

Hours of Rig Moves

✦ **Our Services** Full Service Offering



01 Well Planning & Engineering

With in-house expertise in well planning and engineering, Lucas provides a comprehensive suite of services to optimise the entire lifecycle of your project. From initial design and feasibility studies to detailed engineering and operational support, our team ensures every well is planned for maximum efficiency, safety, and performance.



02 Exploration Drilling

Our professional drilling crews coupled with our modern well-maintained and multi-purpose rigs are able to undertake a wide range of exploration drilling activities including down hole hammer, diamond core, conventional core and rotary mud drilling.



03 Directional Drilling

Lucas undertakes more than 120,000 metres of directional drilling annually, delivering safe, efficient, and innovative solutions such as surface to in-seam wells and HDD for mine degasification and dewatering. We support our clients with our multi-purpose directional drilling fleet and in-house team of engineers and steerers.

04 Geosteering, Ranging & Well Intersection

Provides advanced directional drilling capabilities including geosteering, ranging, and well intersection expertise in varying ground conditions. Using BMR, MWD, and LWD tools, we ensure precise wellbore placement, maximise zone residency, and avoid hazards.



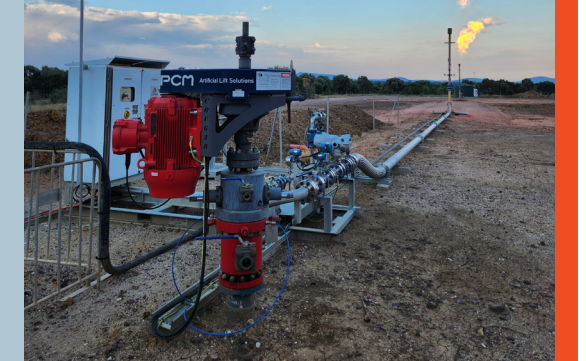
05 GOAF Drainage & Service Wells

Lucas provides leading capability in drilling GOAF wells and service bores for mine ventilation, gas drainage, and production applications. We specialise in vertical and angled well designs, with the capacity to drill and case wells up to 36" (914mm) diameter, ensuring robust infrastructure for long-term performance.



06 Well Servicing

Lucas performs well installations, well commissioning and maintenance as well as the installation of surface infrastructure, monitoring systems, gas gathering lines and flares.



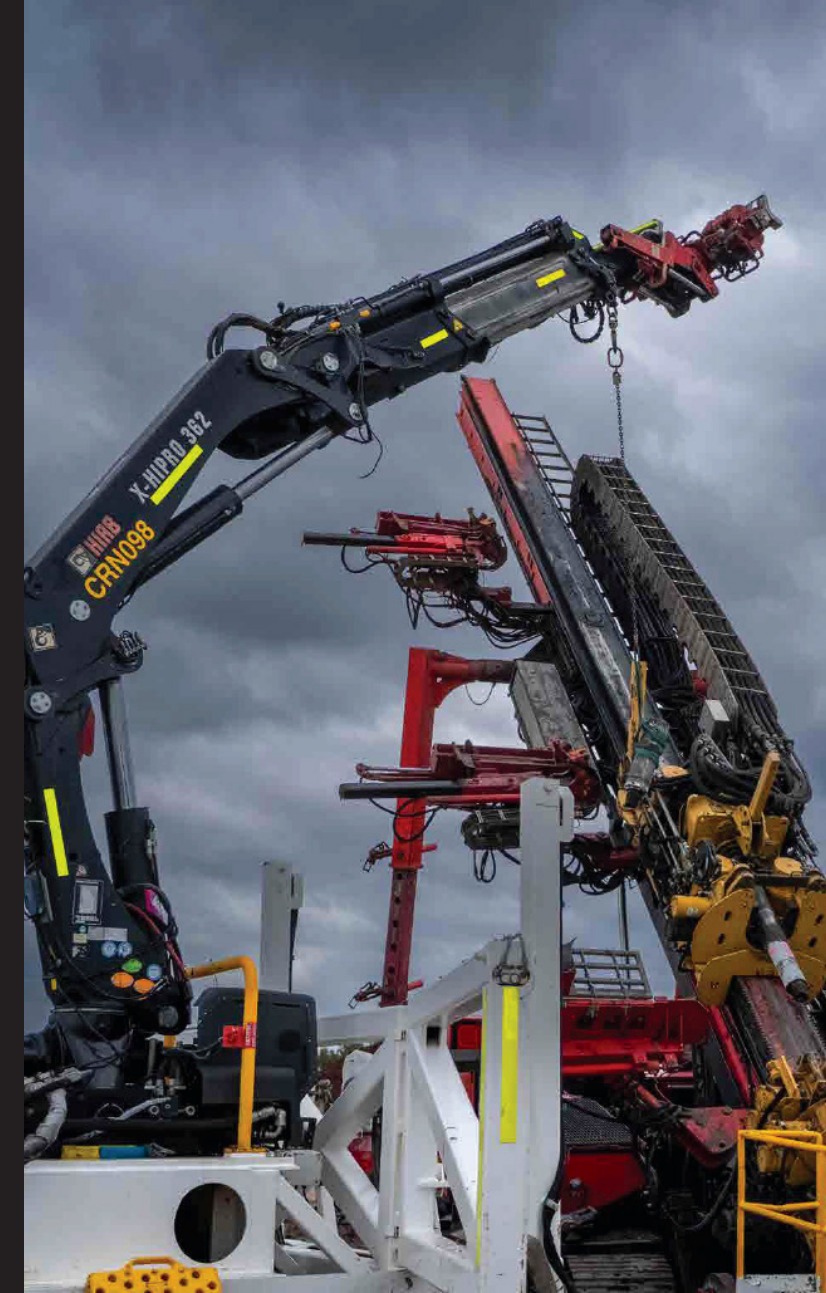
Case Study

Project: Open Cut Depressurisation Project



Technical Approach and Well Infrastructure

- SIS drill pad was set outside the mining area at elevation for safety and access.
- Three build sections (~1500m each, 45° entry) were drilled from the pad, each branching into two ~500m laterals, providing six lateral wells through the target area.
- Total meters drilled: 6,309m.
- Drilling completed in 4.5 months (18.7 m/hr average drilling rate).
- Lucas Drilling provided full in-house support: well planning, drilling engineering, geosteering, steering, and project management.
- The proposed design of three wells each with a lateral pump provided drainage redundancy to ensure success.
- Detailed engineering (post tender) reduce project duration by 45% and locked in significant project savings.



Initial Problem

- The mine required access to a target seam via a new box cut, targeting unmined coal.
- Piezometer data showed hydrostatic pressure (~2300 kPa) and gas content up to 12 m³/t (methane) at shallow depths.
- High pressure and gas content created safety risks, potentially creating an unsafe explosive loading and mining environment.

Project Objectives

- 01** Depressurise the seam for safe, continuous mining.
- 02** Use innovative Surface to In Seam (SIS) bilateral gas drainage wells.
- 03** Maintain safety and minimise delays; explore gas utilisation and NGERs benefits.

Challenges Faced

- Hard, non-porous tuffs and high methane caused major fluid losses and required a switch to foam drilling.
- Rig operated from an 80m x 40m pit bench.
- Pressurised seam below the water table required balanced, then underbalanced, drilling.
- Water delivery challenges impacted progress.
- Frequent use of lost circulation material (LCM) and aerated fluids was needed.

Key Learnings

- SIS well design and underbalanced drilling enabled safe completion of the laterals.
- A robust risk assessment process and real-time rig monitoring provide excellent guidance for decision making.
- Lucas Drilling's integrated project delivery and collaboration with the client, client consultant and site teams ensured success.
- Frequent budget review and cost tracking ensured the project budget was not exceeded
- Adaptability and resilience overcame geological and operational challenges.

Key Personnel

We believe that **our people** are the **foundation of our success**. Their **expertise, dedication,** and **innovative spirit** drive our ability to deliver **exceptional results** for our clients.



Greg Runge
**GROUP CHIEF
EXECUTIVE OFFICER**



Daniel Sweeting
**CHIEF OPERATING
OFFICER**



Marcin Swierkowski
**CHIEF COMMERCIAL
OFFICER**



David Ekster
**CHIEF FINANCIAL
OFFICER**



Mark van der Westen
**GENERAL MANAGER -
BUSINESS DEVELOPMENT**



Andy McCormack
**GENERAL MANAGER -
FLEET & EQUIPMENT**

Our Operating Platform

With over 40 years of experience in the mining and coal seam gas industries, Lucas has developed a unique operating platform designed to deliver high-value solutions to complex and critical projects. Key components of our platform include:

Comprehensive Management Systems

We have robust systems for safety, financial reporting, contract management, maintenance, and training. These systems are designed to meet both statutory and client requirements, ensuring seamless and efficient project execution.

Rig Fleet & Customisation

We operate one of the largest rig fleets in Australia, many of which are multi-purpose and customized for efficient well delivery. All rigs are compliant with Australian standards and are well maintained to ensure operational reliability.

Experienced Leadership & Personnel

Our core management team is stable and highly experienced, with a workforce recognised for their expertise and capability in delivering successful outcomes for our clients.

Proven Reputation

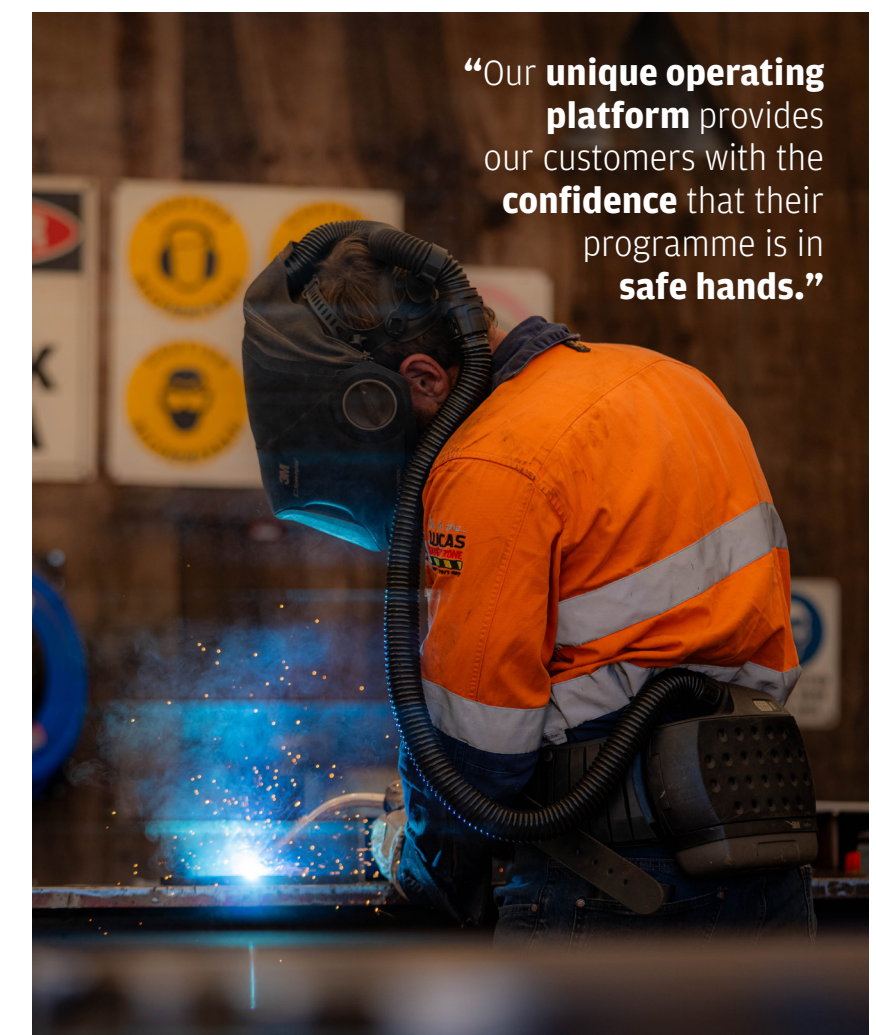
Lucas' enviable reputation is built on decades of delivering high-value services, earning the trust of clients through the delivery of successful outcomes and the relationships we build.

Strategic Maintenance Support

Our operations are backed by strategically located maintenance facilities staffed by qualified trades people, providing essential support to meet all operational needs.

Safety Excellence

An embedded safety culture drives our performance toward best practices, ensuring the highest standards of safety across all operations.



“Our **unique operating platform** provides our customers with the **confidence** that their programme is in **safe hands.**”

Our Clients

At Lucas, we consider ourselves privileged to have a diverse range of clients, from global industry leaders to local councils. Our commitment to understanding and adapting to each of our client's unique challenges is what drives us. By forging strong, collaborative relationships, we consistently deliver tailored solutions that meet our clients specific needs, exceed expectations, and contribute directly to their success.



Certifications

Our position as the **industry leader** is reinforced by a rigorous framework of **certifications** and **compliance**.

Our certifications demonstrate our adherence to the **highest standards of quality, safety, and environmental management**.



ISO 45001:2018

Occupational Health & Safety Management

ISO 45001 is an international standard that specifies requirements for an **occupational health and safety (OH&S) management system**. It provides a framework for Lucas to manage risks and improve OH&S performance.

ISO 14001:2015

Environmental Management

ISO 14001 is the internationally recognised standard for environmental management systems (EMS). It provides a framework for Lucas to design and implement an EMS, and continually improve their environmental performance.

ISO 9001:2015

Quality Management

ISO 9001 is a **globally recognised standard for quality management**. It helps Lucas to improve their performance, meet customer expectations and demonstrate their commitment to quality.

Our Commitments

Sustainability



At Lucas, we have a responsibility to positively impact the environment, the communities where we operate, and all our stakeholders. We know that having focused initiatives addressing these issues leads to a better and more resilient company as well as delivering a better world. As such, we are committed to being a sustainable and responsible corporate entity, updating all our stakeholders on our Environment, Social and Governance (ESG) initiatives.

Ultimately, we aim to use the natural and human resources available to us in an effective, conservative and a responsible manner while playing an appropriate role in local and global issues that impact future generations.

AJ Lucas is committed to creating an inclusive business that encourages and supports sustainability and social responsibility while delivering superior returns to our shareholders.

Chain of Responsibility (CoR)

We actively manage heavy vehicle transport activities across our entire supply chain. This proactive approach ensures our projects meet the highest standards of safety, mitigate risks, and deliver certainty for our clients.

Workplace Health & Safety

We invest heavily in our people and their safety and well-being, promoting our “Lucas Safety Zone – Injury Free Every Day” philosophy across all workspaces. We understand the impact that poor safety and culture can have on not only our own business goals but those of our clients and stakeholders.

Reducing Environmental Impact

Lucas recognises and understands the environment impact associated with our various activities and are therefore committed to act in a manner that protects the environment, driving continual improvements to minimise any impacts.

Anti-Bribery & Corruption

Lucas has a zero-tolerance policy towards all forms of bribery and corruption, both direct and indirect. We are committed to conducting business with integrity, honesty, and in an ethical manner, and we require the same high standards from our employees, suppliers, and business partners.

Modern Slavery

We are actively opposed to all forms of modern slavery and are committed to maintaining a zero-tolerance approach in our operations and supply chains. This commitment is underpinned by a robust strategy to identify, assess, and mitigate modern slavery risks.

Building Strong Communities

Lucas understands the importance of building strong relationships both inside and outside the company. We value the communities that we operate within and look for opportunities to support these communities to grow and prosper in the long term.



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