

Energy & Infrastructure

Oil & Gas | Water & Wastewater | Sustainability

- **Production Drilling**
 - Conventional Oil and Gas
 - Coal Seam Gas (CSG)
 - Other Unconventional Gas
 - Horizontal Directional Drilling
- **Surface Infrastructure and Facilities**
 - Gathering Systems
 - High Pressure Pipelines
 - Compression
 - Treatment Facilities
- **Water and Wastewater Infrastructure**
 - Pipelines
 - Directional Drilling
 - Treatment Plants
 - Desalination
- **Secondary Recovery**
 - Oil and gas assets
 - In-field drilling
 - End of life assets
- **Well and Field Rehabilitation**
 - Plug and Abandon
 - Sustainable land repurposing
- **Sustainability**
 - Energy Efficiency and Renewables
 - Pumped Hydro and Energy Storage
- **Carbon Capture and Storage**
- **Hydrogen & Ammonia**

IPLOCA

AJ Lucas Services is a proud member of the International Pipeline and Offshore Contractors Association (IPLOCA)



Recent Project

High Pressure Fuel Gas Pipeline in Papua New Guinea

AJ Lucas Services recently commissioned the fuel gas pipeline for the Dirio Power Station just outside Por Moresby in Papua New Guinea.

We successfully interfaced between ExxonMobil and the Dirio power station.

The project was delivered successfully despite the COVID pandemic.



News



Vale Andy Lukas



Executive Assistant Required



Drilling Engineer Required

Drilling Equipment





Foremost Explorer III "Susan"

- 2009 Manufacture
- Has been previously deployed for Santos, AGL
- Fast moving - rigs up and down, and handles drill pipe quickly saving drilling costs
- Can drill holes to 1,500 metres horizontal step out
- Ideal for drilling surface-in-seam (SIS), high-angle-sump-horizontals (HASH), and multi-laterals wells
- 130,000 lbs capacity with 200,000 lbs upgrade option



Success Stories

With innovating thinking and determination, our principals have played leading roles in:

- Successful investment into coal seam gas developments in Queensland and NSW
- Investment into the developing Bowland shale gas project in the UK
- Establishment of a major coal drilling business and initiation of its surface to in seam coal methane drainage technology
- introduction of horizontal directional drilling into Australia with projects in NSW, Queensland, South Australia, Western Australia, New Zealand, Hong Kong, Sri Lanka, mainland China
- Innovations in drilling HDD to grade for sewers in Sydney region
- Innovations in high pressure gas pipelines and gathering system construction in Surat Basin of Queensland with Zap-lok

Innovation and Technology

We have a long history of innovation and working in partnership with many of our customers through:

- Innovation: we seek out and initiate innovations. Continuing innovation makes projects cheaper and better. We have a long history of successful innovations with beneficial impacts on our sectors
- Value engineering used to demonstrate the value of the innovations and alternatives before decisions are locked in place as shown on the accompanying graphic – for gas projects, cost in \$/GJ is the important metric, not rig hire rates.
- Energy Efficiency and Renewables: together with our partner Smart Energy Services (www.smartesco.com), we provide energy efficiency, renewables and sustainable services to commercial and industrial customers.
- Financial Engineering: we have experience in using financing and innovative financial products such as power purchase agreements (PPAs) to assist our customers overcome the hurdles of capital expenditure.



Our Partner - Clients



