

CASE STUDY – COAL EXPLORATION



“This is a very positive tool in enhancing leadership, team work and empowering drill crews to take ownership of their drill sites and associated hazard and risk control measures. I believe this is one of the best drilling operations safety behavioural initiatives that I have heard of in a long time.”

Lee Kennedy, Principle Advisor – Safety,
Rio Tinto Mozambique (Oct 18, 2012)

RIVERSDALE / RIO TINTO

Client

Riversdale / Rio Tinto

Service

Coal Exploration

Location

Mozambique

Project Challenges:

- Ramping up to a total of 15 drill rigs operating on site in a country with very limited resources or experience in the mining industry
- Developing a culture across the Mozambique business of safety at work and at home for all crews

Our Approach and Equipment Used:

- A total of 15 Schramm, Sandvik and UDR drill rigs and ancillary equipment
- Jack up rod slews used to facilitate more efficient moving and safer rod handling

- 1622 pumps used during open hole drilling to increase production levels

Client Outcomes:

- Achieved in excess of 400 metres per shift when open hole drilling
- Prior contractors could not achieve core recovery targets and Mitchell achieved these from day one with increased production levels
- Development of best in country support facility with office and workshop
- Development of local crews skills and expertise