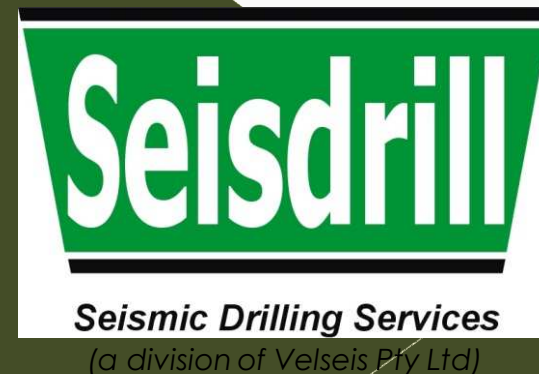


Seisdrill - Drilling Capability



Rig Specifications
Support Capabilities
Personnel Qualifications



Summary



Durable Productive Rigs

- Safety Standards
- Air, Mud or Hammer Drilling

Field Support

- Maintenance Schedule
- Qualified Mechanics
- NHVAS Accreditation

Qualified Personnel

- Dedicated to Safety
- Industry Trained
- Stable & Long Term Knowledge Base



Drill Rig Specifications



Kenworth T401 with mounted drill rig

Kenworth T401 with Bourne 1000R Drill Rig

- Runs off CAT C12 Engine
- Elgi PTO Driven Compressor (250 x 800 cfm) (Max. air pressure 250 psi)
- 5 x 6 Bourne Mud Pump
- 4 Cylinder Bean Pump
- 2" Air Water Swivel
- 3 5/16th Kelly Bar – 7 metres length
- Drill Stem 6 metres (total carried 120 metres)
- 1500 litre Bean Tank (water)
- 6 Row Chain Case
- 10 Speed Rotary
- 4 Speed Variable Control Pulldown
- Double line on the Kelly (capable of drilling to 300m)
- Leveling Jacks on Rear of Rig
- Screw Plug
- Shot Hole Diameter – vary from 4 1/2" to 5 1/8" (capable of drilling larger diameter)
- Down Hole Hammer – 4 1/2" to 4 3/4"
- Portable Mud Hole Pits
- Rotary Interlock System
- Certified & Tested Pressure Relief Valves
- Fire Extinguishers & Remote First Aid Kits
- Wheel Chocks

Drill Rig Specifications



Ford Louisville L8000 with mounted drill rig

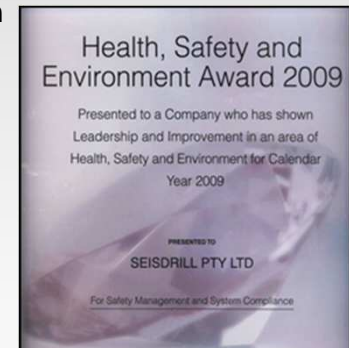
Ford L8000 Louisville (1996) with Bourne 1000R Drill Rig

- Runs off 250 hp 'C' Series Cummins Engine
- Either an Elgi PTO Driven Compressor (150 psi / 700 cfm) (Max. air pressure 150 psi)
Or a Le Roi 100SDS PTO Driven Compressor (125 psi / 500cfm) (Max. air pressure 125 psi)
- 5 x 6 Bourne Mud Pump
- 4 Cylinder Bean Pump
- 2" Air Water Swivel
- 3 5/16th Kelly Bar – 7 metres length
- Drill Stem 6 metres (total carried 120 metres)
- 1500 litre Bean Tank (water)
- 6 Row Chain Case
- 10 Speed Rotary
- 4 Speed Variable Control Pulldown
- Double line on the Kelly (capable of drilling to 300m)
- Leveling Jacks on Rear of Rig
- Rotary Interlock System
- Certified & Tested Pressure Relief Valves
- Wheel Chocks
- Fire Extinguishers & Remote First Aid Kit

Drill Rig Safety Features



- Rotary Interlock System – lock out over ride to rotary table
- Certified & Tested Pressure Relief Valves – Receiver Tanks
- Mast Integrity Inspections
- Certified Inspected Winch Lines with Swayed Ends
- Braided Wire Hose Socks with Certified Anchor Points
- Guards on all exposed rotating parts
- Lagging on Hot Surfaces
- Burst Protection on Hydraulic Lines
- Emergency Shutdowns & Remote Shutdown
- Battery & Starter Isolation Lock Out Locks
- Andersen Jump Start Receptacles
- Audible Sound on Tower Raise & Lower
- Automatic Horn on Ignition prior to start up
- Reverse Alarm
- 200 hour Service Schedule
- Wheel Nut Indicators
- Hand Rail System
- Remote Oil Drains
- Hand Rails around Driller Platform
- Australian Standard Access Points
- Wheel Chocks
- 2 x 9 kg Fire Extinguishers
- Air Conditioner in Cab
- VHF & UHF Radio



Maintenance System



- 200 hour Service Schedule (Heavy Vehicles)
- 3 Monthly Brake Tests (Heavy Vehicle)
- 6 Monthly Light Vehicle Brake Test
- NHVAS Accreditation
- Wire Ropes – replace 12 monthly
- Screw Plug Test/Certification (6 monthly)
- Daily Prestart
- Documentation of Maintenance (Repair Requests, Major Service, Maintenance Record)
- Operators Manual for Rig, Truck & Light Vehicle
- NHVAS Manual
- First Aid Kits & Fire Extinguisher Inspection – 6 monthly



Support Vehicles



Water Truck set up as Fire Support

Water Truck - LNT 8000 Ford Louisville

- Air Conditioned Cab
- Certified ROPS Bar
- 1500 gal Flat Deck Water Tank
- Fully Enclosed Deck with Hand Rails
- Certified Australian Standard Access Ladders
- Winch System (certified & tested)
- Lock Out Lock System (battery & Starter)
- Andersen Jump Start Receptacle
- VHF & UHF Radio
- Wheel Nut Indicators
- Lagged Exhaust
- Guarding on any Rotating Parts
- Fire Extinguishers & First Aid Kit
- Operators Manual

Light Vehicle (Holden Rodeo/DMAX/Hilux)

- Dual Cab
- ROPS & Rotating Lights (Hi lights)
- Bullbar with Side Rails
- Ignition On – Lights On
- Hi Viz Flag
- Reverse Alarm
- Wheel Nut Indicators
- Space Makers for Storage of Loose Items
- Fire Extinguisher & First Aid Kit
- Wheel Chocks
- Battery & Starter Motor Isolator
- Andersen Jump Start Receptacle
- Cargo Net
- VHF & UHF Radio
- Service 10,000 kms



Light Vehicle

Our People – Drill Supervisor



Drill Supervisor

- Certificate IV in Drilling Operations
- Certificate IV in Training & Assessment
- RIIRIS402A – Carry Out Risk Management Process
- RIICOM301A – Communicate Information
- RIIOHS301A – Conduct Safety & Health Investigations
- RIIRIS301A – Apply Risk Management Process
- ICAM – Incident Lead Investigator Training
- RIIHAN203A – Conduct Lifting Operations
- RIIOHS204A – Work Safe At Heights
- RIISAM201A – Remove & Fit Wheel Assemblies
- RIIVEH201A – Operate Light Vehicle
- TLIC407D – Drive Heavy Rigid Vehicle
- Coal Board Medical
- Defensive Driving
- First Aid
- Fire Warden
- Standard 11 - Coal

Our People – Driller / Offsider



Driller

- Certificate III in Drilling Operations
- RIICOM301A – Communicate Information
- RIIOHS301A – Conduct Safety & Health Investigations
- RIIRIS301A – Apply Risk Management Process
- RIIHAN203A – Conduct Lifting Operations
- RIIOHS204A – Work Safe At Heights
- RIISAM201A – Remove & Fit Wheel Assemblies
- RIIVEH201A – Operate Light Vehicle
- TLIC407D – Drive Heavy Rigid Vehicle
- Coal Board Medical, Defensive Driving
- First Aid, Standard 11 - Coal



Drill Offsider

- Certificate II in Drilling Operations
- RIISAM201A – Remove & Fit Wheel Assemblies
- RIIVEH201A – Operate Light Vehicle
- TLIC407D – Drive Heavy Rigid Vehicle
- Coal Board Medical
- Defensive Driving
- First Aid
- Standard 11 - Coal



Seisdrill

Seismic Drilling Services

