OILMIN SEISMIC SERVICES
PAPUA NEW GUINEA

CAPABILITY STATEMENT

CONTENT

SEISMIC OPERATIONS

Since its inception in 2009, Oilmin Seismic Services (OSS) has been delivering comprehensive seismic support and data acquisition services. Our roots trace back to Oilmin's long-standing involvement in seismic operations across Papua New Guinea. Together, we bring decades of experience and have successfully supported and completed more than 100 seismic surveys.

In recent years, the global seismic industry has faced significant declines, with central figure exiting both marine and land acquisition. As a result, exploration companies operating in Papua New Guinea now depend on smaller, specialized seismic acquisition firms for recording equipment and support services. These firms, in turn, rely on Oilmin Seismic Services for comprehensive project management and data collection.

Our expertise covers every aspect of seismic acquisition, including subcontracting aviation support (rotary and fixed-wing), medical services, fuel supply and handling systems, barge chartering, and security provision. Beyond coordination, we directly deliver critical field services such as:

- Logistics and transportation
- Base camps and fly camp construction and management
- Line Clearing and Bridging
- Survey Crews
- Drilling and Pre-loading
- Recording Crews

Depending on project scale, Oilmin Seismic Services can mobilize between 200 and 1,500 (or more if needed) personnel, supported by seasoned specialists including Project Managers, Party Chiefs, HSE Managers, Bridging Managers, Tree Felling Experts, and Drilling Managers.
With decades of experience and a proven track record, Oilmin Seismic Services ensures safe, efficient, and reliable seismic operations in some of the world's most demanding environments.

BRIDGING

With over 30 years of experience bridging Papua New Guinea's notoriously challenging terrain, Oilmin Seismic Services has developed a proven and practical bridging standard.

This standard ensures safe, efficient, and cost-effective access for all seismic operations. Tree felling is kept to an absolute minimum and is only carried out where necessary—such as for helipads, drop zones, and camp sites—helping reduce environmental impact while maintaining operational effectiveness.

SURVEYING

Our team includes highly skilled specialist surveyors with extensive field experience. To support them, we deploy experienced compass men who work alongside the surveyors, ensuring precision and efficiency.

All personnel are proficient in using handheld GPS units, guaranteeing accurate positioning and reliable data collection in challenging environments.

DRILLING & PRE-LOADING

Initially, Oilmin Seismic Services' primary function was to supply manpower for seismic projects. Through partnerships with various specialised seismic providers, we were able to cultivate a talented pool of skilled and experienced drilling personnel.

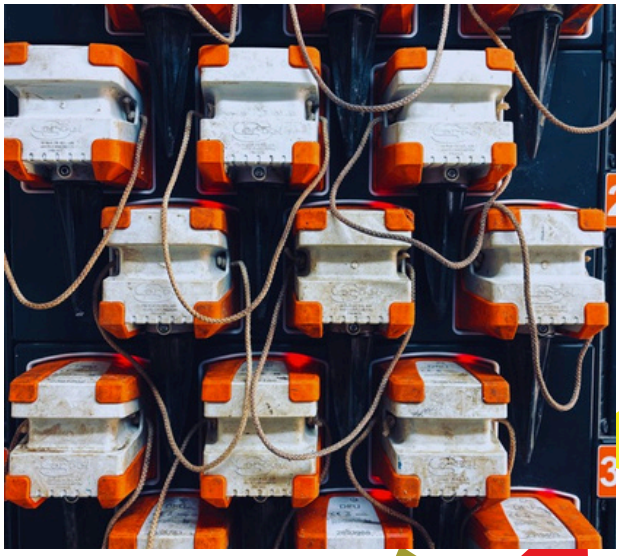
Over time, Oilmin expanded its capabilities and acquired man-portable drilling equipment, enabling us to provide comprehensive drilling services. Additionally, we have a team of seasoned shot-loaders who are fully trained and certified to meet the standards set by both Australia and PNG.

RECORDING

Seismic recording in PNG typically involves the use of seismic surveying equipment to measure and analyze the properties of the earth's subsurface.

To record seismic data in PNG, the equipment is typically deployed in an array across the area of interest, and it is coupled with the ground to ensure optimal sensitivity. The system uses an array of geophones, which are devices that convert ground motion into electrical signals, to detect seismic waves generated by a seismic source, such as a small explosive charge or a vibrating plate.

Once the data is collected, it is processed to create detailed images of the subsurface, which can be used to locate potential oil and gas reserves, as well as to help identify geological structures, such as faults and folds, that may impact the stability of the ground. The provider of recording equipment is responsible for providing the Observers, while OILMIN supplies the required crews for equipment deployment and retrieval, as well as data acquisition.



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