



Terrex Contracting

Terrex Contracting has provided seismic line preparation and restoration services to Australian seismic contractors since 1991.

Since this time, Terrex Contracting has worked with State and Federal mining and environmental departments in the application and timely approval of onshore seismic surveys.

Large and small scale remote desert crew operations

Terrex Contracting operates two line clearing/restoration crews equipped with Komatsu D65 bulldozers, 6x6 John Deere graders, and self-contained mobile trailer camps.

Terrex Contracting employs 20 skilled and experienced machine operators, mechanics and crew managers to provide safe, high quality services to the seismic and drilling industries.

Terrex Contracting is committed to minimising environmental and cultural impact on their projects. This commitment starts with all Terrex Contracting crew members undertaking a formal induction prior to starting field operations to brief them on their environmental and cultural responsibilities.

The range of services provided by Terrex Contracting includes:

- Environmentally sustainable general earthmoving services
- 2D/3D seismic line preparation, restoration and reporting services

We have also developed innovative seismic line preparation and restoration techniques. These techniques are verified with a rigorous system of establishing photographing and documenting Environmental Monitoring Points (EMPs) before and after the seismic acquisition project. This ensures that the seismic contractor and client comply with governmental and environmental responsibilities.

In 2010, Terrex Contracting was nominated by Buru Energy to receive the Golden Gecko Award from the Western Australian Government for its innovative minimal impact and seismic line clearing and restoration techniques.

Line preparation

Terrex Seismic recognises the importance of quality line planning and manages line preparation on behalf of clients. This includes recognising environmental and landowner concerns, and aiming to reduce environmental impacts during exploration. Our operational program for line preparation incorporates environmental management data and proactive management of landowner concerns.

We assist clients to secure permits by managing expectations from landowners and native title claimants.

Line restoration

Terrex contracting has developed a job specific "Seismic Line Restoration and Reporting Methodology" for use in all seismic operations. This methodology results in minimal impact and optimal restoration during surveying and has been embraced by a number of Australian State Governments.

CASE STUDY

Bunda 3D Seismic Survey - Canning Basin WA (Buru Energy)

Environmental management of line preparation and rehabilitation

During the 2009 field season, Buru Energy engaged Terrex Seismic to conduct a 223 km² seismic survey over the Sundown oilfield and surrounding areas, located 70 km east of the township of Derby (Western Australia).

The client's objectives included conducting the Bunda 3D Seismic Survey in an environmentally sound way to ensure that the cleared lines were rehabilitated as soon as possible.

The main field activities included:

- Line preparation (access line preparation and surveying)
- Data acquisition (surface seismic acquisition)
- Post survey demobilising, rehabilitation and monitoring

Terrex Contracting was engaged to complete the line preparation and restoration activities.

Terrex's commitment to health, safety and environment was represented through the achievement of a logistically large survey resulting in no safety or environmental incidents. This was also demonstrated by having an in-vehicle monitoring system, so that speeds of vehicles could be recorded and centrally downloaded for subsequent viewing, to ensure speed limits were adhered to. Excessive speed on seismic lines can cause degradation and large amounts of dust.

The project was successful from initial planning to completion and self-regeneration. Through careful planning, strict environmental guidelines and excellent line preparation, the amount of seismic line rehabilitation was significantly reduced.

Terrex Contracting's current environmentally conscious line clearing methods were developed through five years of consultation with company specialists, seismic contractors, bulldozer operators, environmental consultants and landowners.



Ultimately, the training and environmental awareness of Terrex Contracting bulldozer operators attributed to the successful regeneration of the seismic lines at Bunda survey site. Without our diligence and professionalism, the restoration and rehabilitation would not be the remarkable success that is represented by the re-establishment of native flora.

Buru Energy attributes the successful regeneration of the seismic lines at the Bunda site to the extensive training and environmentally aware practices of Terrex Contracting. The restoration and rehabilitation of native flora was up to three times faster than previous industry accepted line clearing methods due to the diligence and professionalism of Terrex Contracting's operators.



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