2D High Resolution Site Surveys

Client Organization	Project Title/Description/Date
Total E&P Nig Ltd	2D High Resolution Geophysical Site Survey at Eben (Total field) OML 102 using MV Poseidon featuring 4 x 20 cu in guns, 96 channel digital streamer, Air Compressors , sidescan sonar, multibeam echosounder, singlebeam echosounder sub bottom profiler Date: October 2014
Addax Petroleum Nigeria Limited	2D High Resolution Seismic/Geophysical Survey at OML 137, using the R/V Brone Explorer featuring 4 x 20 cu in guns, 96 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: August 2014
Camac Petroleum Limited	2D High Resolution Seismic/Geophysical Survey at OYO Field OML 120, using the R/V Brone Explorer featuring 3 x 40 cu in guns, 48 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: May 2014
Addax Petroleum Nigeria Limited	2D High Resolution Seismic/Geophysical Survey at OML 126, using the R/V Brone Explorer featuring 4 x 20 cu in guns, 96 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: November 2013
Addax Petroleum Nigeria Limited	2D High Resolution Seismic/Geophysical Survey at OML 123, using the R/V Brone Explorer featuring 4 x 20 cu in guns, 96 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: October 2013
Nigerian Agip Exploration	2D High Resolution Seismic/Geophysical Survey at OPL 2009, using the R/V Brone Explorer featuring 4 x 20 cu in guns, 96 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: May 2013
Nigerian Agip Exploration	Deepwater Geophysical and Geomorphological Offshore Site Suvey at OPL 245, using the Brone Explorer featuring 4 x 40 cu in guns, 96 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: December 2012
Addax Petroleum Cameroon Limited	Azobe 2D High Resolution Seismic/Geophysical Survey at Ngosso Block, Cameroun, using the R/V Brone Explorer featuring 2 x 40 cu in guns, 48 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc Date: December 2012
Oryx Petroleum & EMERALD Energy Resources	2D High Resolution Seismic Survey at OML 141, using the R/V Brone featuring 2 x 40 cu in guns, 48 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Date: November 2012
Addax Petroleum Nigeria Limited	2D High Resolution Seismic Survey at OML 123, using the R/V Brone featuring 2 x 40 cu in guns, 48 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Date: October 2012
Addax Petrole <mark>um N</mark> igeria Limited	2D High Resolution Seismic Survey at OPL 227, using the R/V Brone featuring 2 x 40 cu in guns, 48 channel digital streamer, Air Compressors, sidescan sonar, Echosounder, sub bottom profiler, magnetometer, etc. Date: September 2012
Chevron Nigeria Limited	2D High Resolution Seismic Survey at FSO Location using the R/V Brone Explorer featuring 2 x 40 cu in guns, 64 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Date: May/June 2012
Chevron Nigeria Limited	2D High Resolution Seismic Survey OML 86 at Funiwa Location using the R/V Brone Explorer featuring 2 x 40 cu in guns, 64 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Date: May 2012
Nigerian Agip Energy	2D High Resolution Seismic Survey at Eweri 2 Brass Offshore using the R/V Brone Explorer featuring 2 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer,

	etc.
	Date: March 2012
Chevron Nigeria Limited	2D High Resolution Seismic Survey at Sonam Location using the R/V Brone Explorer featuring 2 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Date: January 2012
Nigerian Agip Exploration	2D High Resolution Seismic/Geophysical Survey at OPL 2009, using the R/V Brone Explorer featuring 4 x 20 cu in guns, 96 channel digital streamer, Air Compressors, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: September 2011
Total E&P Nig Ltd	2D High Resolution Geophysical Site Survey at Obongawan (Total field) OML 102 featuring guns, 48 channel digital streamer, sidescan sonar, multibeam echosounder, singlebeam echosounder sub bottom profiler, magnetometer, etc Date: August 2011
Chevron Nigeria Limited	Geo — Hazard 2D High Resolution Seismic Survey at Funiwa in OML 86 Location using the R/V Brone Explorer featuring 2 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Date: June 2011
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at ORS-1 Location, OML 123 using the RV Brone Explorer featuring 2 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc. Water Depth: 3-7m Date: February 2011
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at OR-X1 Well, OML 123 using the RV Brone Explorer featuring 2x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc Date: February 2011
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at IMIN OML 123 using the RV Brone Explorer featuring 4 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc Water Depth: 3-7m Date: January 2011
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at OML 123, Antan Well Location using the RV Brone Explorer featuring 4 x 20 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc Date: January 2011
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Itara-1 proposed Well OML 137 using the RV Brone Explorer 4 x 40 cu in guns, 96 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, corer. Water depth 190m -250m Date: January 2011
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Masonia OML 137 using the RV Brone Explorer 4 x 40 cu in guns, 96 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, corer. Water depth 190m -250m Date: December 2010
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Nkoro Area OML 137 using the RV Brone Explorer 4 x 40 cu in guns, 96 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, corer. Water depth 190m -250m Date: December 2010
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Ofrima Well Location 4 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: January 2010
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Hi-4 Well Location 4 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: January 2010
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Asanga-1x Well Location 4 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: January 2010
Addax Petroleum Development Nigeria Limited	2D High Resolution Seismic Survey at Asa-1 Well Location 4 x 40 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer Date: January 2010
Total E&P Nig Ltd	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at Etisong featuring the RV Brone Explorer featuring 4 x 20 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc Date: October 2009
Afren Energy Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at Ebok featuring the RV Brone Explorer featuring 4 x 20 cu in guns, 48 channel digital streamer, sidescan sonar, echosounder, sub bottom profiler, magnetometer, etc

	Date: September 2009
Addax Petroleum Development Nigeria Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at Asa North Location using m/v Utec Surveyor /Goosander featuring airguns, streamers, sidescan sonar, sub bottom profiler, echosounder, magnetometer and coring equipment. Date: February 2007
Addax Petroleum Development Nigeria Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at Udele West Location using m/v Utec Surveyor /Goosander featuring airguns, streamers, sidescan sonar, sub bottom profiler, echosounder, magnetometer and coring equipment. Date: February 2007
Addax Petroleum Development Nigeria Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at Ofrima North Location using m/v Utec Surveyor /Goosander featuring airguns, streamers, sidescan sonar, sub bottom profiler, echosounder, magnetometer and coring equipment. Date: February 2007
Addax Petroleum Development Nigeria Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at Okwork Location using m/v Utec Surveyor /Goosander featuring airguns, streamers, sidescan sonar, sub bottom profiler, echosounder, magnetometer and coring equipment. Date: February 2007
Addax Petroleum Development Nigeria Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at KTNC-1X, KTNB-1X, KTM-2A Location using m/v Utec Surveyor /Goosander featuring airguns, streamers, sidescan sonar, sub bottom profiler, echosounder, magnetometer and coring equipment. Date: June 2006
Addax Petroleum Development Nigeria Limited	Digital and Analogue High Resolution 2D Marine Seismic Hazard Survey at ORON-3A, ADNG-PPA, ADNG-HA, ADNG-PPB and ADNG-1X Location using m/v Goosander featuring airguns, streamers, sidescan sonar, sub bottom profiler, echosounder, magnetometer and coring equipment using m/v Goosander. Date: September 2005

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