

References for Deep Drilling, Borehole Stimulation & Workover

Project	Rig	Country	Client	Depth (MD)	Performed works	Year
Staffhorst Z1 <i>(currently under construction)</i>	Synergy I	Germany	Wintershall Holding AG	3,371 m	gas well/side track	2010
Zandt 11A <i>(currently under construction)</i>	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,100 m	gas well/side track	2010
Schoonebeek 2802 <i>(currently under construction)</i>	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,445 m	oil well	2010
Schoonebeek 2801	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,272 m	oil well	2010
Numansdorp 1	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	2,520 m	gas well	2010
Schoonebeek 2401	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,377 m	oil well	2010
Schoonebeek 2451	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,171 m	steam injector well	2010
Schoonebeek 2452	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,234 m	steam injector well	2010
Schoonebeek 1001	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,581 m	oil well	2010
Schoonebeek 2503	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,204 m	oil well	2010
Schoonebeek 2502	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,472 m	oil well/side track	2010

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Uchte T9	Synergy I	Germany	Wintershall Holding AG	3,538 m	gas well	2010
Schoonebeek 1002	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,400 m	oil well	2010
Schoonebeek 2501	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,370 m	oil well	2010
Schoonebeek 1101	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,416 m	oil well	2010
Schoonebeek 2551	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,411 m	steam injector well	2010
Schoonebeek 1151	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,738 m	steam injector well	2010
Schoonebeek 2552	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,675 m	steam injector well	2010
Schoonebeek 2553	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,117 m	steam injector well	2010
Schoonebeek 1251	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,531 m	steam injector well	2010
Schoonebeek 1201	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,639 m	oil well	2010
Schoonebeek 1202	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,418 m	oil well	2010
Gaag 6	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,720 m	gas well	2009/2010
Schoonebeek 1702	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,326 m	oil well	2009/2010
De Hoeve 1	Vario Rig	The Netherlands	Vermilion Oil & Gas Netherlands B.V.	2,365 m	gas well	2009/2010
Schoonebeek 1701	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,278 m	oil well	2009

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Schoonebeek 1751	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,353 m	steam injector well	2009
Schoonebeek 1651	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	968 m	steam injector well	2009
Middenmeer 3	Vario Rig	The Netherlands	Vermilion Oil & Cas Netherlands B.V.	2,540 m	gas well	2009
Munnikezijk 1a	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,976 m	gas well	2009
Bedernau	Synergy I	Germany	Wintershall Holding AG	1,500 m	oil well	2009
Middelburen 2	Vario Rig	The Netherlands	Vermilion Oil & Cas Netherlands B.V.	3,761 m	gas well	2009
Schoonebeek 1601	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,230 m	oil well	2009
Vinkega 1	Vario Rig	The Netherlands	Vermilion Oil & Gas Netherlands B.V.	2,322 m	gas well	2009
Schoonebeek 1602	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,359 m	oil well	2009
Schoonebeek 1352	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,400 m	steam injector well	2009
Schoonebeek 1351	Compact	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,324 m	steam injector well	2009
Schoonebeek 1391	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	970 m	observation well	2009
Schoonebeek 1392	Vario Rig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	868 m	observation well	2009
Schoonebeek 1301	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,620 m	oil well	2009
Hardenberg 4	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	2,700 m	workover	2009

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Schoonebeek 1302	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,402 m	oil well	2009
Westbeemster 2	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,600 m	gas well	2009
Bierwang 502	Synergy I	Germany	E.On Gas Storage GmbH	2,210 m	gas storage well	2009
Schoonebeek 1551	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,186 m	steam injector well	2009
Schoonebeek 1501	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,506 m	oil well	2009
Schoonebeek 1502	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	900 m	oil well	2009
Schoonebeek 1503	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,111 m	oil well	2009
Schoonebeek 1504	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,433 m	oil well	2009
Schoonebeek 1505	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,443 m	oil well	2009
Schoonebeek 1402	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,476 m	oil well	2009
Schoonebeek 1401	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,400 m	oil well	2009
Schoonebeek 1451	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,454 m	steam injector well	2009
Schoonebeek 1452	VarioRig	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	1,540 m	steam injector well	2009
Witten-3	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,600 m	gas well	2009
Römerberg OA	Synergy I	Germany	Gaz de France SUEZ E&P Deutschland GmbH	2,420 m	oil well/side track	2009

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Hoogezand HGZ 1	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,832 m	gas well	2009
GSV1A Gasselternijveen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,560 m	gas well	2008/2009
Schwabmünchen 5	VarioRig	Germany	Wintershall Holding AG	1,304 m	oil well	2008
Geothermiebohrung Poing Th1	Synergy I	Germany	E.On Bayern Wärme GmbH	3,000 m	geothermal well	2008
Bedum 4, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,501 m	gas well	2008
Emlichheim 43 (306, 307, 308)	VarioRig	Germany	Wintershall Holding AG	1,139 m (each)	oil well	2008
Munnekezijl, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	-	workover	2008
Geothermiebohrung Poing Th2	Synergy I	Germany	E.On Bayern Wärme GmbH	3,065 m	geothermal well	2008
Engwierum1, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	-	workover	2008
Ten Boer, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	-	workover	2008
Bierwang BW 28 a	Synergy I	Germany	E.On Ruhrgas AG	1,650 m	side track	2008
Gasselternijveen, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	-	workover	2008
Tietjerksteradeel 702, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	2,908 m	gas well	2008
Saaksum #4, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,827 m	gas well	2008
Faan, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,600 m	gas well	2007

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Römerberg 1	VarioRig	Germany	Gaz de France Produktion Exploration Deutschland GmbH	2,960 m	oil well	2007
Harlingen 11	Synergy I	The Netherlands	Vermilion Oil & Gas Netherlands B.V.	2,570 m	gas well	2007
De Blesse	Synergy I	The Netherlands	Vermilion Oil & Gas Netherlands B.V.	2,510 m	gas well	2007
Harlingen 10	Synergy I	The Netherlands	Vermilion Oil & Gas Netherlands B.V.	2,220 m	gas well	2007
Lauwerszijl #3, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,368 m	gas well	2007
Lauwerszijl #2 , Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,640 m	gas well	2007
Merigon	VarioRig	France	EnCana France S.A.S.	2,860 m (TVD)	gas well	2007
Coevorden 58, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,680 m	gas well	2007
Buma, Groningen	Synergy II	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	-	abandonment	2007
Ottoland	Synergy I	The Netherlands	Northern Petroleum Nederland B.V.	3,230 m	gas well	2007
Franquevielle	VarioRig	France	EnCana France S.A.S.	2,620 m	gas well	2007
Witten, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,050 m	gas well	2007
Krabburen, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,264 m	gas well/side track	2006
Steenwijk, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	2,680 m	gas well	2006
Pasop, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,172 m	gas well	2006

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Vries, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,076 m	gas well	2006
In-situ Well Groß Schönebeck	VarioRig	Germany	Geoforschungszentrum Potsdam (GFZ)	appr. 4,500 m	geothermal well	2006
Saaksum, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,964 m	gas well	2006
Oude Pekela, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	appr. 3,500 m	gas well	2006
Lauwerszijl #1, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,848 m	gas well	2005
Oosterhesselen, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	3,881 m	gas well/side track	2005
Leens, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	4,165 m	slim hole drilling on gas field, 4 ½"	2005
Vledder, Groningen	Synergy I	The Netherlands	NAM (Nederlandse Aardolie Maatschappij B.V.)	2,021 m (TVD)	abandonment	2005
Horstberg Z-1 (main contractor)	-	Germany	Bundesanstalt für Geowissenschaften und Rohstoffe		workover, completion, circulation test	2004
Unterhaching GT 1 (main contractor)	CombiRig	Germany	Geothermie Unterhaching GmbH	3,400 m	geothermal well; air lift test, 8 ½" open hole	2004
Well Bad Urach 4	CombiRig	Germany	Stadtwerke Bad Urach	2,700 m	geothermal well; 8 ½" open hole	2003
Unterlüß / 1 (main contractor)	-	Germany	Bundesanstalt für Geowissenschaften und Rohstoffe	3,900 - 4,200 m	hydraulic stimulation (water frac)	2003
Speyer GTB 1	CombiRig	Germany	First GeoTherm GmbH	2,858 m	drilling works, 6" open hole	2003
Groß Schönebeck	-	Germany	GeoForschungsZentrum Postdam	4,000 m	hydraulic Stimulation (water frac)	2002
Bad Urach 3	CombiRig	Germany	Stadtwerke Bad Urach	3,700 - 4,300 m	hydraulic Stimulation (water frac)	2002