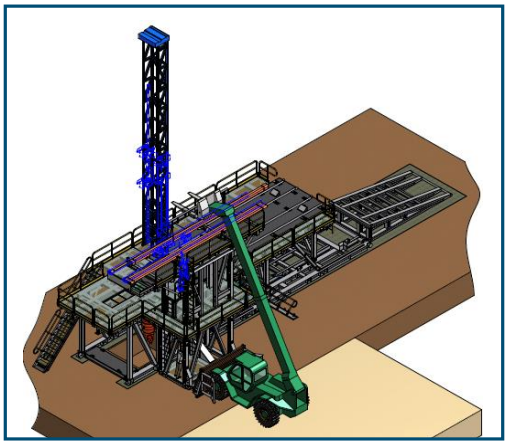
Slant Rig Self Elevating Structure

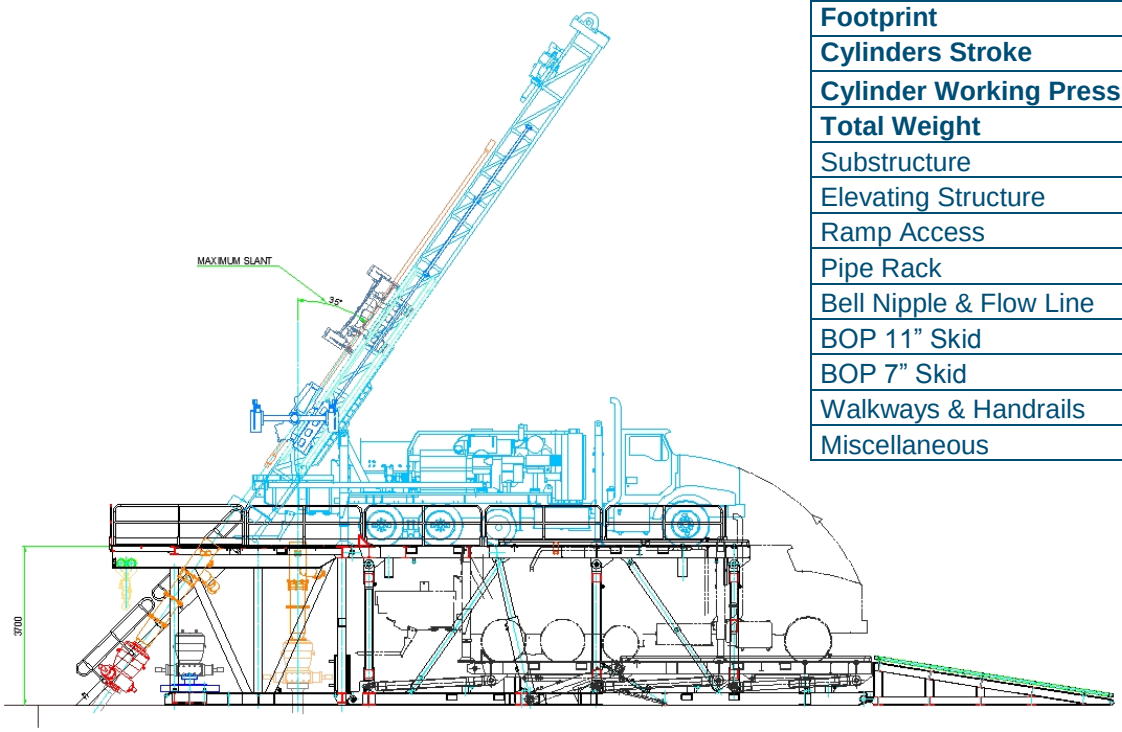
PERENCO

PROJECT DESCRIPTION / MAIN ISSUES

Basic and detailed engineering of a self-elevating structure for a 35° slant rig. This rig was initially designed to drill water wells with no BOPs. The deeper drilling depth requires a BOP system, which was not originally planned. The structure was designed to lift the drilling truck by 3,7m to allow installation of 11" or 7" BOP stacks.

GENERAL DATA	
Structure type	Drilling Equipment Set installed by a semisubmersible TAD
Rig Location	Gabon
Client	Perenco
Construction Yard	3C Metal international, Pau, FRANCE
Year of Construction	2010
Project Phase	Engineering
Type of Contract	Fixed price lump sump
Contract Start / Finish	September 2009-2010
Man-hours	3000 hours





TECHNICAL DATA	
Footprint	**23m x 7m**
Cylinders Stroke	**1,45m**
Cylinder Working Pressure	**3350PSI**
Total Weight	**65,3 mT**
Substructure	9 mT
Elevating Structure	30,3 mT
Ramp Access	5,5 mT
Pipe Rack	8 mT
Bell Nipple & Flow Line	0,9 mT
BOP 11" Skid	1,5 mT
BOP 7" Skid	0,6 mT
Walkways & Handrails	3,5 mT
Miscellaneous	6 mT

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