

## Modular Drilling Barge TULLOW OIL

### PROJECT DESCRIPTION / MAIN ISSUES

Due to lack of sea access, use of a conventional offshore unit was not possible. This led to this **unique design of a modular barge** able to drill eleven exploration wells between 10m and 50m water depth in Uganda Lake Albert.

Through its experience gained in a previous campaign conducted in Sudan, **DIETSWELL** has designed this moored barge consisting in an assembly of floating modules directly assembled on site to create a 40m wide by 62m long platform. Drilling hardware, offices and facilities were to be installed on the platform. Living quarters are located onshore in a base camp. The SEDLAR 250, a Self-Elevating Drilling LAnd Rig was **designed by DIETSWELL** to be installed on the barge to drill 4200m deep exploration well.

#### GENERAL DATA

<b>Unit type</b>	Modular Drilling Barge
<b>Rig location</b>	Albert Lake, UGANDA
<b>Clients / Partners</b>	TULLOW OIL
<b>Project Phase</b>	Engineering
<b>Type of Contract</b>	Reimbursable Day Rate
<b>Contract Start / Finish</b>	2007 / 2008
<b>Man-hours</b>	20000 hours



DIETSWELL's SEDLAR 160 in Sudan

#### TECHNICAL DATA

<b>Rated Drilling Depth</b>	4200m	<b>Hydraulic Mast Power</b>	1200HP
<b>Water Depth</b>	50m	<b>Top Drive</b>	700HP
<b>Overhaul L x l x h</b>	62m x 40m x 3m	<b>Derrick / Mast</b>	250mT
<b>Power Generation</b>	6000HP SCR	<b>Mud pumps</b>	2 x 1200HP
<b>Well control system</b>	BOP 13 5/8" 5000PSI	<b>Mud Storage capacities</b>	360m <sup>3</sup>

