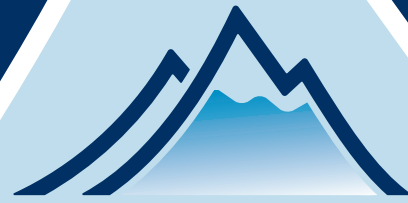




Society of Petroleum Engineers  
Aberdeen Section



**SPE Summit Series**  
*something for the weekend*

# Unlocking Heavy Oil 2010

**Friday 26th November 2010**  
**The Marcliffe Hotel**  
**Aberdeen AB15 9YA**

This one day summit will cover the technical challenges and the financial aspects of developing heavy oil fields offshore, as well as the problems of trying to produce heavy oil within the existing infrastructure. It will look at a couple of case studies. With Brent Crude at \$80 per barrel there is plenty of incentive to make these fields viable.

This event should be of interest to all SPE professionals from both an Operators and Service Company's perspective.

The event will wrap up with a discussion session. So if you think that you might have to deal with heavy oil in the future please come along.

#### **Who should attend?**

Those interested in heavy oil field management, drilling, reservoir engineering, investment.



#### **COST**

Members £290 / non-members £325 plus VAT

- \*Exhibition space available
- \*Sponsorship opportunities

#### **TO BOOK**

Online with a credit card at [www.hulse-rodger.com](http://www.hulse-rodger.com)  
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Event organisers for SPE Aberdeen:  
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## **Registration 08.30**

## **Ends circa 16.00**

### **Introduction from the Chair:**

Bob Ross Baker Hughes

Heavy oil overview and development challenges - Ramin Lakani, Baker (Helix RDS)

Unlike conventional crude oil projects, heavy oilfields require additional investment to increase the well productivity and to enhance the recovery mechanism to make the project commercially viable. Recent developments in technology and the changing investor attitudes have generated considerable interest in offshore heavy oil developments.

### **Heavy Oil: reduce risk in decision making through meaningful testing**

Justin Green, Corex

In heavy oil reservoirs, every drop of oil produced counts, with a drive for the highest recovery factor possible. In conventional oil reservoirs testing to understand wellbore operations and improve decision making is performed by most operators. This approach should also be applied to heavy oil reservoirs but care must be taken to ensure that the testing is performed in a meaningful way.

### **Nothing is ever what it seems with Heavy Oil**

Norman Hessler, Shell

For a number of years Shell has been involved with trying to get a heavy viscous oil discovery off the ground. In that time the vision of the project has changed dramatically, but now a viable project is within our grasp. During our deliberations, however, it became clear that nothing was clear!

## **Lunch and exhibition**

### **The Bentley Field**

Charles Lucas-Clements, Xcite Energy

A case study on a North Sea Heavy Oil field from its discovery through to its appraisal. The issues around why Offshore heavy oil is particularly challenging and what the ultimate options are for maximizing oil recovery.

### **Artificial lift with Rotaflex rod pumps in the Schoonebeek redevelopment project**

Sven van den Bedem, NAM

The Schoonebeek heavy oil field, in the east of the Netherlands, will be redeveloped using a low pressure steam flood with horizontal wells (Steam Assisted Gravity Flood). The onshore oil field is being redeveloped with 25 steam injection wells and 44 oil production wells.

## **Panel session**

'.... digest over the weekend'