

## Godwin ERD Drilling and Completion | 2014

### Talisman Energy

Customer: Steve McAllister, Subsea Drilling Manager

**Project phase:** Execute

**Dundas scope:** Risk Identification  
Contingency Planning  
Operations Support  
Engineering Support

#### PROJECT DESCRIPTION

The Godwin ERD well was planned as a long reach (ERD) well drilled from the Arbroath platform utilising the Rowan Stavanger jack-up rig.

This well would be the longest well drilled by Talisman in the UK, with TD at 25,100 ft MD. Due to the long step out required, the well had a long 55 deg tangent section through the standard CNS Lista / Ekofisk / Tor / Flounder formations, before landing out in the Smith Bank and going horizontal into the reservoir.

The completion comprised perforated liner utilising swell packers, 5-1/2" tubing with DHG and SSSV. The well would be produced initially by depletion with GLV's added to facilitate gas lift in later life.



#### DUNDAS ROLE

Dundas provided critical drilling and completion risk assessment in the planning phase as well as detailed contingency identification and planning:

Contingencies included:

Stage collar in 13-3/8" for shallow gas horizon cementing;

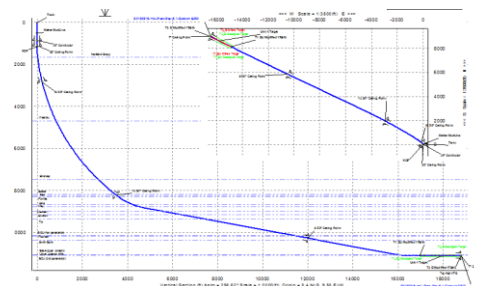
Swellable packers on 9-5/8" above TOC to isolate sands

Ability to set a 7" drilling liner and cement (not planned)

6" hole section contingency

Sidetrack planning if original well collapsed in sensitive formation.

Glass plug in liner to facilitate clean-up with seawater



Dundas also provided engineering support for torque and drag modelling and operations support to the rig team as required.