



Harbour



Motorway



Rail



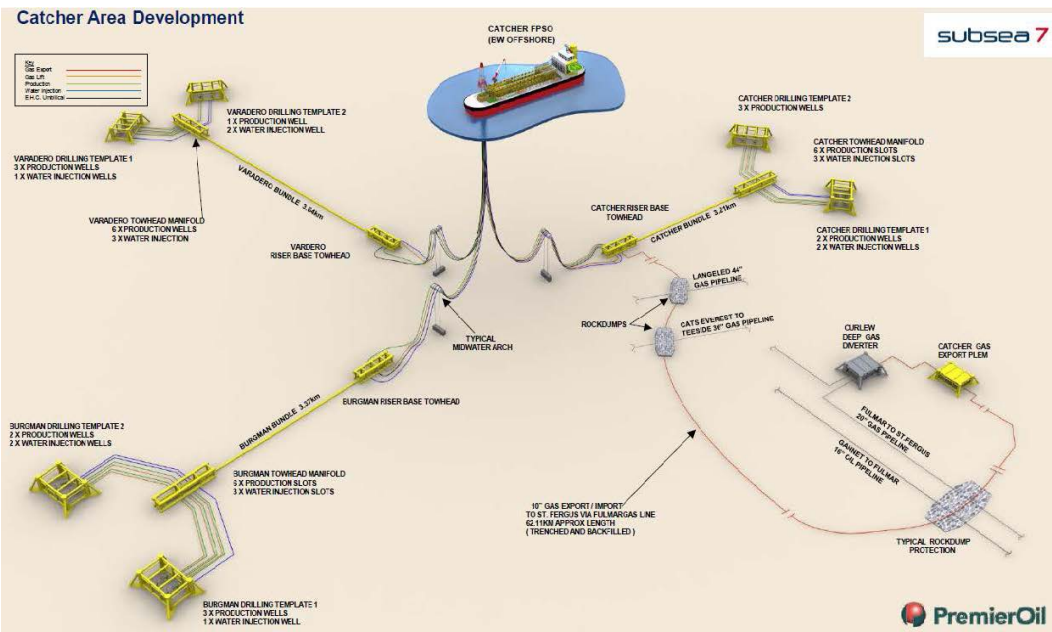
Basement



Sustainable
Foundation



Specialist Work



Oil Field Development

Catcher Field - North Sea (2015-2016)

The Catcher Field comprises three discoveries all located in Block 2819 of the UK Continental shelf, namely Catcher, Varadero and Burgman in a water depth of approximately 90m which is characterised as being an oil field with relatively low Gas Oil Ratio(GOR). Each Field is to be located as a subsea tie back to a new Floating, Production, Storage and Offloading (FPSO) vessel, exporting oil by shutter tanker and gas by new 10" pipeline connected to the existing fulmar gas line as is illustrated in the figure.

There are three potential drill sites, the Catcher drill centre shall be located approximately 3.6km east, the Burgman drill

centre shall be located approximately 3.8km south-west and the Varadero drill centre shall be located approximately 4.0km north of the FPSO.

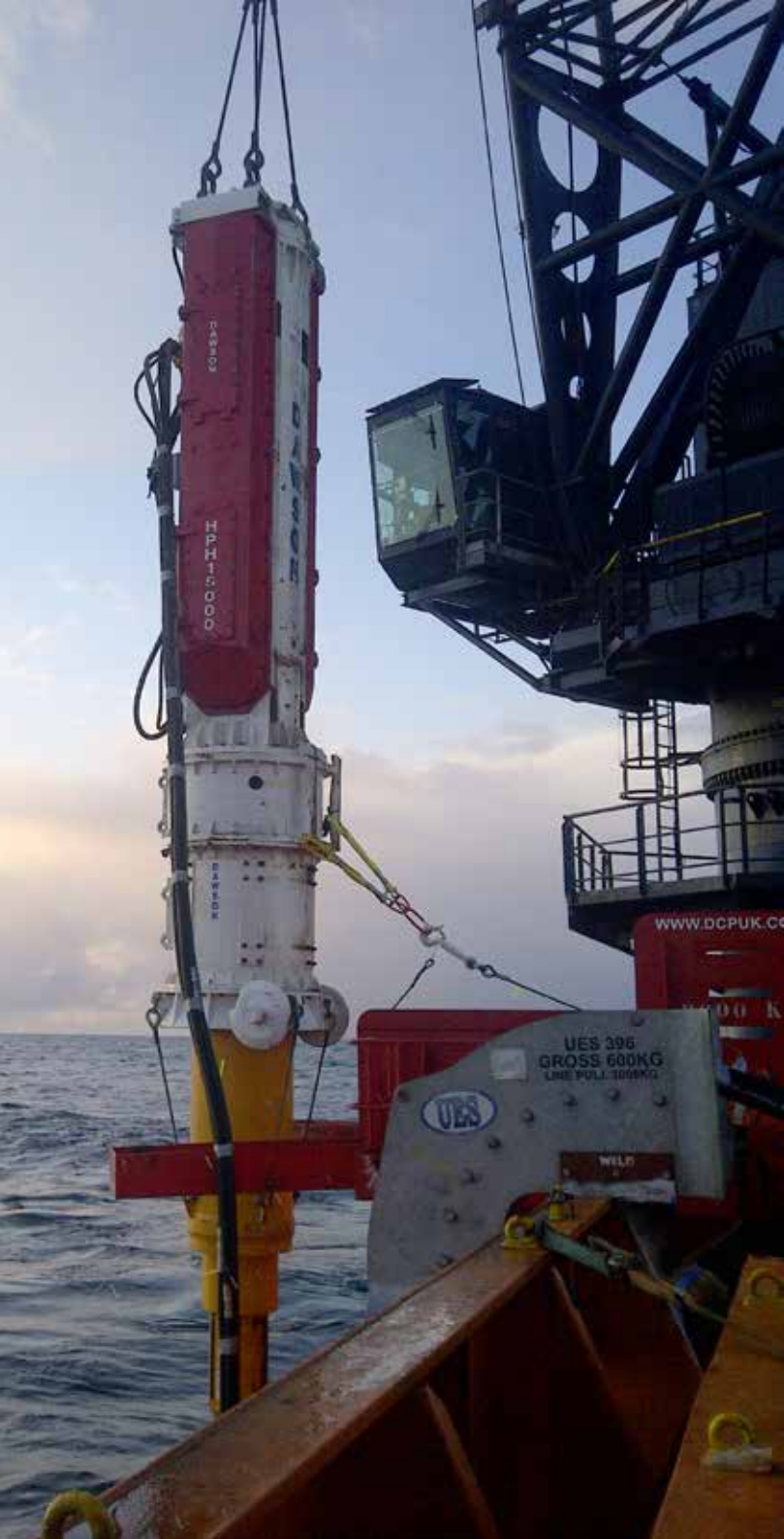
Premier Oil UK Limited awarded Subsea 7 for completion of major piling operations for these drilling templates through 2 phases:

Phase1 (2015) :

To install 3 drilling templates- Catcher 1, Burgman 1 and the PLEM

Phase 2 (2016):

To Install 4 drilling templates- Catcher 2, Burgman 2, Varadero 1, Varadero 2 and also install 3 Gravity Based Structures(GBS)- Catcher GBS, Burgman GBS and Varadero GBS.



Technical Specifications

Dawson Contract Piling Ltd supplied piling equipment and personnel to Subsea 7 UK Limited, to carry out piling works on these structures with the following specs:

Structure	Pile Dims (OD x WT x L)	Date	Penetration Level
Catcher 1	610 x 25.4 x 25.5	14.06.2015	16m
Burgman 1	610 x 25.4 x 26.5	15.06.2015	17m
PLEM	610 x 25.4 x 24	18.06.2015	20m
Varadero 1	610 x 25.4 x 31.5	16.04.2016	21.5m
Burgman 2	610 x 25.4 x 27	16.04.2016	17m
Varadero 2	610 x 25.4 x 31.5	20.04.2016	21.5m
Catcher 2	610 x 25.4 x 26	21.04.2016	16m
Catcher GBS	610 x 25.4 x 25	27.04.2016	21.5m
Burgman GBS	610 x 25.4 x 25	30.04.2016	21.5m
Varadero GBS	610 x 25.4 x 25	02.05.2016	21.5m

Working from Skandi Acergy vessel for 2015 campaign and on the Normand Oceanic vessel for the 2016 campaign in approximately 90m water depth the primary hammer, a Dawson HPH15000, successfully drove all forty piles to finished level. This was the biggest project undertaken in the North Sea by Subsea 7 and DCP which lasted 2 years and was judged as a very successful campaign.



DAWSON
CONTRACT PILING LTD
Our Expertise is your Solution

Dawson Contract Piling Ltd
Chesney Wold,
Bleak Hall,
Milton Keynes,
MK6 1NE, England
Tel: +44 (0)1908 240300
Fax: +44(0)1908 240222
www.dcpuk.com