



SHEARWATER



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Shearwater is a normally manned integrated Process, Utilities and Quarters (PUQ) platform which is bridge linked to a Wellhead (WH) Platform. The Shearwater field is a high pressure, high temperature (HP/HT) reservoir.

KEY FACTS	
Block	22/30b
Sector	Central North Sea
Approx distance to land	225km (140 miles) East of Aberdeen
Water Depth	295ft (90m)
Hydrocarbons Produced	Condensate and Gas
Export Method	Gas piped via 34" SEAL pipeline to Bacton via a 463km (288 miles) line. Oil via 24" GAEL pipeline into the Forties pipeline then onto Cruden Bay and Grangemouth
Operated / Non-Operated	Operated

INFRASTRUCTURE INFORMATION

Entry Specification:	Well fluids with <3.2mol% CO2 and <50ppmv H2S
Exit Specification:	Gas: Wobbe <51.2MJ/m3, CO2 <2mol%, H2S <3ppmv; Liq: TVP 8.62@15.6°C, BS&W <2%vol
Outline details of Primary separation processing facilities:	Single train separation with 1st stage @46barg ultimately and 2nd stage @ 16barg.
Outline details of gas treatment facilities	Gas sweetening process, dehydration process and then NGL recovery system prior to export

HIGH LEVEL CAPACITY INFORMATION

The basic capacity information is portrayed by colour coded 'traffic lights' that reflect thresholds of availability over the next 5 years

Available Capacities



>25%



5% to 25%



<5%



Unknown

Capacity	Ullage as % of system capacity				
	2017	2018	2019	2020	2021

Shearwater Platform Firm processing capacity available

Oil export capacity - up to 90Kbbls/d - **See Comment Below**
Depending on mode of operations (JT valve vs TE).

Gas export capacity - 410mmscf/d (reduces to a max 320 mmscf/d in LP Compressor operation)

Gas lift capacity - N/A

Produced water handling capacity - 5000bbls/d (X1)

Dehydration capacity - 410mmscf/d - **See Comment Below**

Rate is gas export equivalent

H2S removal capacity - 410mmscf/d - **See Comment Below**

Rate is gas export equivalent

Water injection capacity - N/A

CONTACT INFORMATION

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