

## Armada Kraken FPSO

The Kraken fields (south, central and north), are heavy oil accumulations, and lie within UK block 9/2b in the Northern North Sea, some 350km of Aberdeen.

The Kraken Floating Production, Storage and Offloading facility (“FPSO”) is leased from, and operated by, the duty holder Bumi Armada UK Limited on behalf of EnQuest, the Kraken field operator (70.5%), and the Kraken field Joint Venture partner (29.5%). Production fluids are evacuated via shuttle tanker.

The FPSO is a converted Suezmax tanker and has a nameplate production capacity of 80,000 b per day, storage capacity of in excess of 600,000 barrels and is able to handle 460,000 barrels per day of fluids.

### Infrastructure Information

<b>Description:</b>	Leased FPSO
<b>Entry Specification:</b>	Subject to discussion and negotiation
<b>Exit Specification:</b>	Subject to discussion and negotiation
<b>Outline details of Primary separation processing facilities:</b>	Well fluids commingled with HSP power water arrive at the Armada Kraken FPSO via the production risers and are routed to the production manifolds. The turret accommodates the swivel stack which allows the vessel to weathervane freely. On the installation topsides, well fluids are processed in two parallel oil processing trains. Each of the two trains has a capacity to process well fluid to yield stabilised crude to storage
<b>Outline details of gas treatment facilities:</b>	The total gas produced by the two oil trains is used as fuel gas. The system consists of an LP Cooler/KO Drum and Fuel Gas Compressor Packages.
<b>Oil export capacity</b>	Oil can be offloaded to a tanker at a rate of 4000m <sup>3</sup> /hr.
<b>Gas compression capacity</b>	NA – all gas compressed for use as fuel
<b>Gas lift capacity</b>	NA
<b>Produced water handling capacity</b>	235,000 bwpd
<b>Dehydration capacity</b>	NA
<b>H2S removal capacity</b>	NA
<b>Water injection capacity</b>	275,000 bwpd

## 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

>25% capacity available	
5-25% capacity available	
<5% capacity available	

Processing Facility	Capacity	2021	2022	2023	2024	2025	Comments
Separation	460,000 bopd						Based on Kraken fluids
Oil processing	60,000 bopd						Based on Kraken fluids
Produced water handling	235,000 bwpd						Based on Kraken fluids
HSP power fluid	225,000 bwpd						
Water Injection	275,000 bwpd	tbc	tbc	tbc	tbc	tbc	
Gas Processing	20 mmscfd						Based on Kraken fluids

## Contact Information

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For further enquiries, please contact the Upstream Business Manager on Tel +44(0)1224 975000 or email [Commercial@enquest.com](mailto:Commercial@enquest.com)

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## Updated

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