



Last Updated:

March 2011

The Montrose field lies in Block 22/17 of the United Kingdom Continental Shelf. The platform stands in approximately 91.4 m (300 ft) of water, approximately 207 km (130 miles) east of Aberdeen in the Central North Sea and is located at latitude 57°27'02.34" north, longitude 01°23'17.75" east.

The Montrose Alpha is a single steel jacket supported platform which was installed in 1975. Production drilling commenced in March 1976 and production start-up followed in June 1976. The oil lies in the Palaeocene Upper Forties sandstones, in gently anticlinal structures.

Montrose A acts as a processing hub for the Montrose and Arbroath platforms. The Wood field is a subsea tie back directly to the Montrose platform; the Wood subsea manifold is approximately 10 km (6.3 miles) south-south-east of the Montrose platform. The Arbroath platform is located 8 km (5 miles) to the south west of the Montrose platform.

OPERATIONAL INFORMATION

Licence	P.019, P.020	
Licensees	Talisman Energy (UK) Limited (Op)	58.974360%
	Marubeni Oil & Gas (North Sea) Limited	41.025640%
Platform Type	Eight- leg fixed steel jacket	
Platform Weight	Topsides:	10,255 Tonnes
	Jacket:	10,921 Tonnes
Drilling	Drilling Slots	24
Wells	Production	2
	Injection	0
Nearest Installations	Arbroath	5 miles south west
	Forties field	30 miles north west



CAPACITY AND ULLAGE PROJECTION

The platform process system is nominally designed for the following quantities. However, peak flow rates may exceed these values based on analysis of the production profiles and the actual equipment capacities at that time:

Description	Unit	Max. Cap.	Projected Ullage (% of maximum capacity)					
			2011	2012	2013	2014	2015	2016
1 st Stage Separator	BPD	30,000	●	●	●	●	●	●
2 nd Stage Separator	BPD	30,000	●	●	●	●	●	●
Oil Export	BPD	45,000	●	●	●	●	●	●
Produced Water Treatment	BPD	30,000	●	●	●	●	●	●
Water Injection	BPD	50,000	●	●	●	●	●	●
LP Compressor - WaGE	MMscfd	17	●	●	●	●	●	●
IP Compressor - WaGE	MMscfd	17	●	●	●	●	●	●
HP Compressor – Export -WaGE	MMscfd	30	●	●	●	●	●	●
Gas Lift Compressors (2)	MMscfd	30	●	●	●	●	●	●
Gas Dehydration	MMscfd	30	●	●	●	●	●	●

No dedicated H₂S facilities installed

Available Capacities:	●	> 25%
	●	5% to 25%
	●	< 5%



PIPELINES

Oil Export	14-inch oil export to Forties Charlie platform. Oil is then routed via the Forties Pipeline System to Kinneil (Via Cruden Bay)
Water Injection	10-inch water injection to Arbroath platform
Gas Export	6-inch Gas Export to CATS System

ENTRY SPECIFICATION

Subject to discussion and negotiation

EXIT SPECIFICATION

Oil Export	Set by Forties Pipeline System entry requirements
Gas Export	Set by CATS entry requirements
Produced Water	<30 ppm oil in water