

## US Lower 48

The US Lower 48 business comprises BP's onshore oil and gas operations in the 'Lower 48' states of the US. The business has significant activities producing natural gas, NGLs and condensate across seven states, including production from unconventional gas, coalbed methane (CBM) and shale gas assets.

We began operating the US Lower 48 as a separate business in January 2015. The results of this business are reported within our Upstream segment.

The quarterly information presented here is intended to provide insight into the operating and financial performance of the US Lower 48 business.

Third quarter 2015	Fourth quarter 2015	(Unaudited)	Full year 2015
		<b>Production (net of royalties)</b>	
51	52	Liquids <sup>(a)</sup> (mb/d)	51
1,374	1,356	Natural Gas (mmcf/d)	1,353
288	286	Total hydrocarbons <sup>(b)</sup> (mboe/d)	284
		<b>Average realizations</b>	
19.86	19.39	Total liquids (\$/bbl)	22.74
2.21	1.73	Natural gas (\$/mcf)	2.10
14.06	11.73	Total hydrocarbons (\$/boe)	14.08
		<b>Production costs<sup>(c)</sup> per boe (excluding rationalisation)</b>	8.73
8.24	8.62		
		<b>Capital expenditure (\$million)</b>	1,044
212	398		

<b>Estimated net proved reserves at 31 December 2014</b>	Developed	Undeveloped	<b>Total</b>
Crude oil (million barrels)	45	13	<b>58</b>
Natural gas liquids (million barrels)	208	66	<b>275</b>
Natural gas (billion cubic feet)	5,403	1,827	<b>7,229</b>
<b>Total net proved reserves on an oil equivalent basis</b> (million barrels of oil equivalent)	1,185	394	<b>1,579</b>

(a) Liquids comprise crude oil, condensate and natural gas liquids.

(b) Hydrocarbons comprise liquids and natural gas. Natural gas is converted to oil equivalent at 5.8 billion cubic feet = 1 million barrels.

(c) Production costs do not include depreciation, depletion and amortization, ad valorem and severance taxes and certain other costs.