

Appendix 1 – Field Unit Version of UK Reserves Tables

Conversion factors

1 tonne of crude oil = 7.5 barrels of oil equivalent

1 cubic metre of gas = 35.31 cubic feet of gas

UK Oil Reserves and Estimated Ultimate Recovery

Estimates of UK Oil Reserves and Ultimate Recovery at 31 December 2015⁽¹⁾⁽²⁾

Oil Reserves units - million barrels	[figures in brackets are for end 2014]				
	Proven	Probable	Proven & Probable	Possible	Maximum ⁽³⁾
Fields in production or under development ⁽⁴⁾	2,615 [2,805]	1,629 [1,913]	4,245 [4,718]	1,208 [2,340]	5,452 [7,059]
Other significant discoveries where development plans are under discussion	0 [0]	0 [645]	0 [645]	0 [240]	0 [885]
Total Oil Reserves in million tonnes⁽⁴⁾	2,615 [2,805]	1,629 [2,565]	4,245 [5,370]	1,208 [2,580]	5,452 [7,950]
Cumulative Oil Production to end 2015⁽⁵⁾	27,508 [27,173]				
Estimated Ultimate Recovery in million barrels	30,123 [29,978]	1,629 [2,565]	31,753 [32,543]	1,208 [2,580]	32,960 [35,123]

[Please note “Other significant discoveries where development plans are under discussion” were counted as Reserves for end 2014 but are shown as zero this year.]

Estimates of UK Oil Contingent Resources at 31 December 2015

Oil Contingent Resources units - million barrels	Lower	Best	High
Other significant discoveries where development plans are under discussion	463 [0]	1,005 [0]	2,010 [0]

[Please note “Other significant discoveries where development plans are under discussion” are shown as Contingent Resources this year and shown as zero for end 2014 because they were counted as Reserves last year.]

Notes on Oil Tables

- (1) Includes onshore as well as offshore fields. All figures include condensate, gas liquids and liquefied products.
- (2) All entries are rounded to the nearest one million barrels.
- (3) Maximum is the sum of proven, probable and possible reserves.
- (4) The oil reserves include 1,185 (783) proven, 692 (495) probable and 365 (323) possible million barrels in approved fields under development but not yet producing.
- (5) Cumulative oil production includes 2,505 (1,109) million barrels from decommissioned oil fields.

UK Gas Reserves and Estimated Ultimate Recovery

Estimates of UK Gas Reserves and Ultimate Recovery at 31st December 2015 ⁽¹⁾⁽²⁾

Gas Reserves units - billion cubic feet (bcf)	[figures in brackets are for end 2014]				
	Proven	Probable	Proven & Probable	Possible	Maximum(3)
Gas from Dry Gas Fields					
Fields in production or under development					
Southern basin	2,495 [2,825]	1,222 [1,412]	3,717 [4,237]	1,229 [1,448]	4,946 [5,685]
Other areas	516 [565]	220 [212]	737 [777]	200 [388]	937 [1,165]
Subtotal	3,012 [3,390]	1,442 [1,624]	4,454 [5,014]	1,429 [1,836]	5,883 [6,850]
Other significant discoveries where development plans are under discussion					
Southern basin	0 [0]	0 [282]	0 [282]	0 [177]	0 [459]
Other areas	0 [0]	0 [35]	0 [35]	0 [0]	0 [35]
Subtotal	0 [0]	0 [318]	0 [318]	0 [177]	0 [494]
Total Dry Gas	3,012 [3,390]	1,442 [1,942]	4,454 [5,332]	1,429 [2,013]	5,883 [7,344]
Gas From Condensate Fields					
Fields in production or under development	3,392 [2,931]	2,438 [2,083]	5,830 [5,014]	2,129 [2,083]	7,959 [7,097]
Other significant discoveries where development plans are under discussion	0 [0]	0 [2,330]	0 [2,330]	0 [847]	0 [3,178]
Total Condensate Field Gas	3,392 [2,931]	2,438 [4,414]	5,830 [7,344]	2,129 [2,931]	7,959 [10,275]
Associated Gas from Oil Fields					
Fields in production or under development	915 [953]	557 [530]	1,472 [1,483]	432 [1,483]	1,905 [2,966]
Other significant discoveries where development plans are under discussion	0 [0]	0 [282]	0 [282]	0 [177]	0 [459]
Total Associated Gas	915 [953]	557 [812]	1,472 [1,766]	432 [1,660]	1,905 [3,425]
Total Gas Reserves in bcf ⁽⁴⁾	7,319 [7,274]	4,438 [7,168]	11,757 [14,442]	3,990 [6,603]	15,747 [21,045]
Cumulative dry gas production	57,117 [56,531]				
Cumulative condensate gas & associated gas production	31,987 [31,249]				
Cumulative Gas Production to end 2014 ⁽⁵⁾	89,104 [87,781]				
Estimated Ultimate Recovery in bcf	96,424 [95,055]	4,438 [7,168]	100,861 [102,222]	3,990 [6,603]	104,851 [108,825]

[Please note “Other significant discoveries where development plans are under discussion” were counted as Reserves for end 2014 but are shown as zero this year.]

Estimates of UK Gas Contingent Resources at 31 December 2015(1)(2)

Gas Reserves units - billion cubic feet (bcf)	[figures in brackets for end 2014]		
	Lower	Best	High
Gas from Dry Gas Fields			
Other significant discoveries where development plans are under discussion			
Southern basin	94 [0]	292 [0]	452 [0]
Other areas	15 [0]	25 [0]	37 [0]
Subtotal Dry Gas	109 [0]	317 [0]	489 [0]
Gas From Condensate Fields			
Other significant discoveries where development plans are under discussion			
	172 [0]	674 [0]	974 [0]
Associated Gas from Oil Fields			
Other significant discoveries where development plans are under discussion			
	644 [0]	1,191 [0]	1,676 [0]
Total Gas Contingent Resources in bcf (4)	925 [0]	2,183 [0]	3,140 [0]

[Please note “Other significant discoveries where development plans are under discussion” are shown as Contingent Resources this year and shown as zero for end 2014 because they were counted as Reserves last year.]

Notes on Gas Table

- (1) Includes onshore as well as offshore discoveries but excludes flared gas and gas consumed in production operations.
- (2) All entries are rounded to the nearest one billion cubic feet (bcf).
- (3) Maximum is the sum of proven, probable and possible reserves.
- (4) The gas reserves include 1,991 (946) proven, 1,734 (1,081) probable and 1,341 (1,216) possible bcf in approved fields under development but not yet producing.
- (5) Cumulative gas production includes 13,158 (7,410) bcf from decommissioned gas fields.