



An exploration well spudded in February 2002 led to the discovery in June 2002 of Forvie North, located within the Alwyn Area. The Forvie gas and condensate find is in Block 3/15, 440 km north-east of Aberdeen. It lies 16km from the Dunbar platform and 33km from the Alwyn North platforms. It is in the Brent Formation in a north-south elongated fault panel, 9km south of the Ellon/Grant subsea cluster.

The discovery was made at a depth of 3,560m in a water depth of 120m. Development was approved in March 2005 and Forvie North was brought onstream in December 2005. It has been developed with one single subsea well, directly tied back to the Alwyn North platform through new subsea infrastructure installed to cater for this new development and potential satellites.

Forvie forms part of the greater Alwyn Area, which comprises Alwyn North, Dunbar, Ellon, Grant and Nuggets fields. These fields produce a combined total of 180,000 barrels of oil a day.

Grant is located in Block 3/14 and is also around 9km from Dunbar – it was discovered in 1977 and came onstream in 1998. In April 2006 Grant was rerouted from Dunbar to Alwyn via the Forvie pipeline.

The success at Forvie has strengthened TOTAL's activities in the UK North Sea and confirms our strategy to apply selective criteria to exploration prospects in the mature UKCS.

FORVIE – FACTS & FIGURES

Block:	3/15, 3/20a - UK Sector
Licence number:	P.090, P.118
Location:	440km north-east of Aberdeen 16km from Dunbar; 33km from Alwyn North
Licensees:	TOTAL E&P UK Limited (100%) operator
Date of discovery:	June 2002
Water depth:	117m
Oil Production*:	2,000 barrels per day / 318 cubic metres per day
Produced Water*:	Nil
Gas Production*:	2.0 million cubic metres per day/ 71 million standard cubic feet per day

* *2007 figures*

GRANT – FACTS & FIGURES

Block:	3/14a, 3/14d; UK Sector
Licence Number:	P.090, P.284
Location:	420km north east of Aberdeen (approx 3km south of Dunbar)
Operator:	TOTAL E&P UK Limited (100%) operator
Date of Discovery:	August 1977
Production Start:	July 1998
Original Estimated Recoverable Reserves:	Oil: 12 million standard barrels NGLs +LPGs: 0.18 million tonnes Gas: 8.3 billion cubic metres
First Year of Peak Production:	1998
Peak Production:	Gas: 2.18 billion cubic metres per year
Water Depth:	139m
Estimated Oil Recovery Factor:	30%
Oil Production*:	2,000 barrels per day/ 318 cubic metres per day
Produced Water*:	Nil
Gas Production*:	1.6 million cubic metres per day/ 56 million standard cubic feet per day
Gravity:	43° API
Sulphur:	Negligible
Grant Production Wells:	1
Transport System:	Pipeline to St Gas Fergus Terminal via Dunbar and Alwyn North platforms and Frigg UK pipeline

* 2007 figures