

**General information**

Wellbore name	16/1-8 R
Type	EXPLORATION
Purpose	WILDCAT
Status	P&A
Factmaps in new window	link to map
Main area	NORTH SEA
Field	EDVARD GRIEG
Discovery	16/1-8 Edvard Grieg
Well name	16/1-8
Seismic location	ST9511 MO6 3085 xline ST 9511 MO6 2334
Production licence	338
Drilling operator	Lundin Norway AS
Drill permit	1152-L2
Drilling facility	TRANSOCEAN WINNER
Drilling days	9
Entered date	02.10.2009
Completed date	10.10.2009
Plugged and abandon date	10.10.2009
Release date	10.10.2011
Publication date	10.10.2011
Purpose - planned	WILDCAT
Reentry	YES
Reentry activity	TESTING/PLUGGING
Content	OIL
Discovery wellbore	NO
1st level with HC, age	JURASSIC
1st level with HC, formation	NO GROUP DEFINED
Kelly bushing elevation [m]	26.0
Water depth [m]	108.0
Total depth (MD) [m RKB]	2201.0
Final vertical depth (TVD) [m RKB]	2201.0
Maximum inclination [°]	1.7
Oldest penetrated age	TRIASSIC
Oldest penetrated formation	NO GROUP DEFINED
Geodetic datum	ED50
NS degrees	58° 50' 8.63" N
EW degrees	2° 14' 6.36" E



NS UTM [m]	6522162.97
EW UTM [m]	455844.01
UTM zone	31
NPDID wellbore	6226

Wellbore history

General

Well 16/1-8 R is a re-entry of well 16/1-8, which made the Luno discover in Jurassic sandstone and conglomerate. The purpose of the re-entry was testing and plugging of the bore hole.

Operations and results

Appraisal well 16/1-8 R was re-entered with the semi-submersible installation Transocean Winner on 2 October 2009.

No cores were cut and no wire line fluid samples were taken.

After testing the well was permanently abandoned on 10 October.

Testing

The well was perforated and tested in two intervals with flow rate up to approximately 3547 barrels of oil per day (564 Sm³/day) through a one inch (40/64") choke.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
133	NORDLAND GP
745	UTSIRA FM
882	HORDALAND GP
963	SKADE FM
1157	NO FORMAL NAME
1556	GRID FM
1713	NO FORMAL NAME
1765	ROGALAND GP
1765	BALDER FM
1781	SELE FM
1801	LISTA FM
1891	VÅLE FM



1897	SHETLAND GP
1897	EKOFISK FM
1913	HOD FM
1925	NO GROUP DEFINED
1964	NO GROUP DEFINED

Drill stem tests (DST)

Test number	From depth MD [m]	To depth MD [m]	Choke size [mm]
1.0	1945	1959	7.9
2.0	1926	1936	15.9

Test number	Final shut-in pressure [MPa]	Final flow pressure [MPa]	Bottom hole pressure [MPa]	Downhole temperature [°C]
1.0		11.300		
2.0		18.000		

Test number	Oil [Sm3/day]	Gas [Sm3/day]	Oil density [g/cm3]	Gas grav. rel.air	GOR [m3/m3]
1.0	74	6400			87
2.0	564	53000			94