

General information

Wellbore name	6407/9-6 R
Type	EXPLORATION
Purpose	APPRAISAL
Status	P&A
Factmaps in new window	link to map
Main area	NORWEGIAN SEA
Field	DRAUGEN
Discovery	6407/9-1 Draugen
Well name	6407/9-6
Seismic location	84-212 SP.228
Production licence	093
Drilling operator	A/S Norske Shell
Drill permit	499-L2
Drilling facility	WEST DELTA
Drilling days	12
Entered date	19.05.1993
Completed date	30.05.1993
Plugged and abondon date	30.05.1993
Release date	30.05.1995
Publication date	07.11.2005
Purpose - planned	APPRAISAL
Reentry	YES
Reentry activity	PLUGGING
Content	OIL
Discovery wellbore	NO
1st level with HC, age	LATE JURASSIC
1st level with HC, formation	ROGN FM
Kelly bushing elevation [m]	29.0
Water depth [m]	276.0
Total depth (MD) [m RKB]	1804.0
Final vertical depth (TVD) [m RKB]	1800.0
Oldest penetrated age	EARLY JURASSIC
Oldest penetrated formation	ROR FM
Geodetic datum	ED50
NS degrees	64° 19' 58.07" N
EW degrees	7° 44' 23.7" E
NS UTM [m]	7134880.01
EW UTM [m]	439100.65

UTM zone	32
NPDID wellbore	2147

Wellbore history

General

Appraisal well 6407/9-6 was suspended in 1986 as a possible water injection well after a successful oil and water injection test in the Late Jurassic Rogn Formation. The objective of the re-entry 6407/9-6R was plugging and permanent abandonment. A small gas leak from the wellhead was observed when the well was suspended. An inspection programme was initiated to monitor the wellhead and gas leak activity. A secondary objective was thus to conclude on the gas leak inspection programme and take the necessary actions.

Operations and results

Appraisal well 6407/9-6 R was spudded with the semi-submersible installation West Delta (now Deepsea Delta) on 19 May 1993. The gas leak had been observed to diminish during the inspection programme. Since it consisted almost exclusively of methane it was assumed to have originated from a minor shallow gas zone and not from the reservoir.

The well was plugged back and permanently abandoned on 30 May 1993.

Testing

No drill stem test was performed.

Lithostratigraphy

Top depth [mMD RKB]	Lithostrat. unit
301	NORDLAND GP
832	HORDALAND GP
832	BRYGGE FM
1342	ROGALAND GP
1342	TARE FM
1376	TANG FM
1540	SHETLAND GP
1571	CROMER KNOT GP
1571	LANGE FM
1611	VIKING GP
1611	SPEKK FM
1643	ROGN FM
1660	FANGST GP

1660	GARN FM
1744	NOT FM
1775	BÅT GP
1775	ROR FM