

NOBLE SEILLEAN

IMO No: 8413863 FPSO 1990 / 50928 GT

COMPANY:

Noble Drilling Services Inc.,
USA

YARD INFORMATION:

Harland & Wolff SB & H.I. Ltd.
Belfast (Northern Ireland) 1726

DEMOLITION:



New Orleans 2/9/2011 © S. Wiedner

BASIC DATA:

GT: 50928
DWT: 56177
Capacity processing: 25,000 bbl/d (4,000 m3/d)
Capacity storage: 310,000 bbl (49,000 m3)
LOA: 249.70
Bmd: 37.00
Draught: 11.54
Engine: 3 x diesel electric oil & 3 x turbo electric gas
Power: 30846 kW
Speed: 9.0 kn

OWNER & FLAG HISTORY:

NOBLE SEILLEAN since 01-12-2010
Flag Date of record Source
Liberia since 01-12-2010
Registered owner Date of record Source
NOBLE DRILLING CORP during 01-2011
FRONTIER SEILLEAN KS since 28-04-2005
Ship manager Date of record Source
NOBLE DRILLING SERVICES INC during 01-2011
FRONTIER DRILLING BRAZIL since 29-05-2003
TRANSOCEAN OFFSHORE DEEPWATER since 17-07-2002

EX-NAMES:

SEILLEAN	1990-10	KS Frontier Seillean, Panama
NOBLE SEILLEAN -	2010-	Noble Drilling Corp., Liberia

GENERAL VESSEL INFORMATION:

The vessel was designated as a single well oil production ship (SWOPS) when constructed for BP by Harland and Wolff in 1989. The vessel was designed for the Cyrus oilfield on Block 16/28 in the UK sector of the North Sea. Later she served on the Donan field. **SEILLEAN** was sold by BP in 1993 to Reading & Bates.[1] As Brazilian oil company Petrobras took the decision to develop the Roncador field, a four-year charter for **SEILLEAN** was signed. In 1997-1998, **SEILLEAN** was upgraded and arrived in Brazil in December 1998.

After acquisition of Reading & Bates by Transocean, the vessel was acquired by Frontier Drilling in 2002.[1] She was moved to Jubarte field.[3] In February 2006, the vessel started to operate in the Petrobras-operated Golfinho Field in the Espirito Santo Basin off Brazil.[4] In 2007, **SEILLEAN** was moved to Pipa 2 oil field.[5]

In June 2010, FPSO **SEILLEAN** was contracted for the oil collection and processing at the Macondo Prospect to deal with the Deepwater Horizon oil spill.

FPSO **SEILLEAN** is a dynamically positioned floating production, storage and offloading vessel. She is classed by Lloyd's Register of Shipping as a 100A1 Oil Processing Tanker. Seallean is equipped with a flare, two cargo-handling cranes, a process plant inside the hull, a completion tower, and crew accommodation. The vessel has a displacement of 79,600 tonnes, the capacity to process up to 20,000 barrels per day (3,200 m³/d), and to store up to 306,000 barrels (48,700 m³) of oil.[2] Ship's length is 249.7 metres (819 ft), breadth is 37 metres (121 ft), and depth is 20.5 metres (67 ft). She could operate at the water depth of 2,000 metres (6,600 ft). The vessel is equipped with a helideck of 29 by 27.5 metres (95 by 90 ft).[6]

SEILLEAN is powered by a hybrid system of three Ruston gas turbine of 3.3 MW each, and three MAN diesel driven generators 4.2 MW each.[6] These are operated such that when fuel gas is available from production operations, the gas turbine generators generate electrical power. When fuel gas is unavailable, the diesel driven generators provide the power, supplemented by the gas turbine driven generators operating on diesel oil.

SEILLEAN has the following production facilities:

- * 26,500 barrels per day (4,210 m³/d) processing plant. Maximum oil production is 25,000 barrels per day (4,000 m³/d) and maximum produced water handling capability is 15,000 barrels per day (2,400 m³/d).

- * Storage and transport facilities for 310,000 barrels (49,000 m³) of oil.

- * A 6-5/8" riser which can connect to a subsea wellhead.

The crude oil is pumped from the process plant to six cargo oil tanks. During the 1998 upgrade, an offtake reel system was installed which allows to ship discharge of cargo to a dynamically positioned shuttle tanker

http://en.wikipedia.org/wiki/FPSO_Seillean

With the purchase of Frontier Drilling, FPSO **SEILLEAN** is now owned by Noble Corporation (renamed **NOBLE SEILLEAN**)

Last update: 24/12/2011