The Na Kika Host facility currently services eight separate fields, with capability for accepting production from additional fields. Individually, none of these medium-sized discoveries merited a multi-billion-dollar investment. But, through the use of subsea wells, deepwater tieback technology, and a unique co-ownership between two supermajors, Na Kika was developed as a hub and is one of the more prolific producers in the region. There are over 100 miles of subsea flowlines which make up the gathering system. Over 150 miles of pipeline transports processed oil and gas from Na Kika to market. The oil export systems, Na Kika Pipeline and Delta Pipeline are operated by Shell and the gas export systems, Okeanos and Destin, are operated by BP.

- BP operates the host (50% interest), with co-owner Shell owning the balance. BP and Shell jointly own four of the fields that support the host. Four additional fields with various owners also produce through the host.
- First semi-submersible for BP (only semi-submersible in GoM at installation).
- Largest on-board oil storage facility in GoM (dead-oil displacement for hydrate prevention).

Moored Semi-submersible FPS (Floating Production Facility); Dynamic Ballasting; All Subsea Wells

Location
Mississippi Canyon 474, 140 miles SE of New Orleans

Operator
BP (50%)
Co-owner
Shell (50%)

Water Depth
6340 ft (@ PQ location)

Design Life
20 years

First Oil
November 26, 2003

Processing Capability
Annualized average throughput - Oil
130,000 BOPD
Annualized average throughput - Gas
550 MMSCFD
Produced Water Peak
50 MBWPD

Topsides Description
4 modules - quarters, process, east receiving and west receiving
Topsides modules lift weight
14,000 short tons
Main Power Generation Capability
24 MW
Quarters
100 persons
Helideck
sized for an S-92 w/S-76 parked
Subsea
26 Riser baskets for Steel Catenary Risers (SCRs)

Hull Description
Lightship weight
31,475 metric tons
Dry Transport weight
20,000 metric tons
Hull Displacement
58,356 metric tons
Mooring
16 wire rope & chain with suction pile
Main Deck
81 x 81 m
Normal Draft
27.43 m
Column Dimensions
4 Ø17.19 m. width and 43.36 m height
Pontoon Height
10.53 m (34.58’)
Deck Freeboard
20 m
Flow Assurance Dead Oil
42,000 bbls

Contact:
BP Press Office
(281) 366-8346
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BP in the Deepwater Gulf of Mexico

BP began deepwater operations in the Gulf of Mexico (GoM) in the mid 1980s. Since then, BP has built a leading position in the Deepwater GoM, producing over one billion boe (barrels of oil). Last year, BP produced in excess of 200,000 net boe/d (barrels of oil equivalent per day) from nearly two dozen fields, including BP operated facilities at Na Kika, Mad Dog, Atlantis, and Thunder Horse.

Over the past 20 years, BP has been the most successful explorer in the GoM, discovering more reserves than any of its competitors since 1993. BP is the largest leaseholder in the deepwater with ownership in more than 650 blocks in water depths of 1,300 feet or greater. In addition, BP has the No. 1 lease position in the Paleogene horizon and what we believe to be the largest GoM discovery to date (Tiber).

Execution of our exploration strategy has delivered excellent results, yielding a strong portfolio of high quality hub and subsea tie-back development projects.

BP intends to sustain its leading position as an active participant in all facets of the Deepwater US Gulf of Mexico – as an explorer, developer, and operator. Recent BP discoveries, such as Tiber, demonstrate BP’s commitment to making the deepwater Gulf of Mexico a vital part of the world’s energy future for years to come.