

MEDUSA SPAR

Located at Mississippi Canyon 582 and moored in 2200 feet of water, the Medusa Spar has a processing capacity of 40,000 bopd and 110 MMscfd. Medusa serves as a production hub for deepwater field developments in the surrounding Gulf of Mexico area and can accommodate a total of nine subsea wells. The asset came online in 2003 with six dry trees and is now off its peak production plateau. Built for a robust 20-year design life, the unit has currently available production capacity.

Oceaneering International, Inc. (OII) participates in the ownership of the Medusa Spar through a limited liability company (LLC). The LLC maintains a 75% undivided ownership interest (OII - 50%, Murphy Oil Corporation - 40%, and Callon Petroleum Company - 10%). The remainder is owned by ENI S.p.A.

During the active and intense hurricane seasons of 2004 and 2005, Medusa demonstrated excellent facilities availability and sustained no significant damage from three major hurricanes. The Medusa Spar LLC is actively pursuing new subsea tieback projects for optimum facilities utilization.



Photo: Murphy Oil Corporation



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Facility Data

Location: Gulf of Mexico, Mississippi Canyon 582
 Water Depth: 2,223 feet

Production Capacities

Oil: 40,000 bpd
 Gas: 110 MMscfd
 Produced Water: 20,000 bpd
 Methanol Storage: 500 bbls, (69.75 short tons)

Main Components

Riser System: 8 Dry-Tree Production Well Risers
 2 Export Pipeline Risers (SCR) 1 x 12-inch Oil, 1 x 12-inch Gas
 Hull Diameter: 94 feet
 Overall Draft: 536 feet
 Mooring System: 10 Taut Catenary Lines
 Helideck

Subsea Tieback Capabilities

Subsea Wells (9) - (4) at 4-inch, (3) at 6-inch, & (2) at 8-inch
 Subsea Umbilicals (6) - 4-inch Umbilicals, (1) for each subsea location

Accommodations

Living Quarters: 26-man permanent (+ 48-man temporary)
 Includes: Recreation Rooms, Laundry, Gym and Offices
 Hospital Space: 1 x 2 person room



Photo: Murphy Oil Corporation



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