



Front Runner SPAR

Murphy Oil's Front Runner SPAR is another successful mooring system installed with MENCK's unique Deepwater Pile Driving System.

MENCK was contracted by US based J. Ray McDermott to provide pile driving services to install 9 anchor piles of 84 in O.D. and a length of 232 ft using the hydraulic pile hammer MHU 500T and an MUP (MENCK Underwater Power pack)

The Front Runner installation showed that it is technically feasible and economically attractive to use lower spec marine assets such as J. Ray McDermott's DB-16.

MENCK's service team, responsible for the installation and operation of the equipment, completed the driving including lowering and surfacing of the Pile Driving System in less than half a day per pile.

Project name	Front Runner SPAR
Client (end customer)	Murphy Oil Corporation
Contractor	J. Ray McDermott, USA
Location	Green Canyon, Block 338, Gulf of Mexico
MENCK operational start	October 7th, 2003
MENCK operational end	October 23rd, 2003
Water depth	3,350 ft
Installation vessel	DB-16
Quantity of piles	9
Pile diameter	84 in
Number of blows per pile	4,900 approx.
Hammer	MHU 500T
Power pack	MUP
Mobilisation/Demobilisation by	J. Ray McDermott
Mobilisation harbour	Amelia, Louisiana, USA
Demobilisation harbour	Amelia, Louisiana, USA
MENCK's scope	Piling installation subcontract
MENCK engineering	Project management, review deck layout



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MHU 500T with MUP

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