

## WEST PHOENIX

West Phoenix is a 6th generation drilling unit delivered in 2008.

West Phoenix has been operating on the Norwegian Continental Shelf and in UK in water depths from 154 m to 1145 m, performing Exploration drilling, Development drilling, HPHT operations, Well testing and Plug & Abandon Operations



### GENERAL

General	Moss CS50 MkII-DP
Built	SHI/2008
Flag	Panama
Classification	DNV
Class Notations	Drill(N), E0, Crane, DYNPOS AUTRO Posmoor ATA, HELDK

### MAIN DIMENSIONS/TECHNICAL

Length	83.2 m
Breadth	72.7 m
Max. Water Depth	2400 m
Min. Water Depth	100 m (moored)
Drilling Depth	9000 m
Variable Deck Load	5600 mt
Propulsion	8 x 63 mt thrust
Transit Speed	8 knots
Helideck	S92
Accommodation	128 persons

### STORAGE CAPACITIES

Fuel	3240 m <sup>3</sup>
Drill Water	1420 m <sup>3</sup>
Potable Water	720 m <sup>3</sup>
Active Liquid Mud	2100 m <sup>3</sup>
Reserve Liquid Mud	500 m <sup>3</sup>
Bulk Bentonite / Barite	500 m <sup>3</sup>
Bulk Cement	420 m <sup>3</sup>
Sack Storage	420 m <sup>3</sup>

### DRILLING EQUIPMENT

Derrick	1 x 907 mt, 1 x 454 mt
Drawworks	N/A (RamRig)
Racking Capacity	9100 m 5 7/8" DP
Top Drive	1 x 907 mt 1 x 454 mt
Rotary Table	Main: 60 1/2" Aux: 49 1/2"
Iron Roughneck	2 x AKMH-1899

Motion Compensation	AKMH Active/Passive
Riser Tensioner	6 x DAT 1400 mt
Guideline Tensioner	Guideline Tensioner
Tubular Handling	8 x 7.5 mt

### WELL CONTROL

BOP	Cameron - 18 3/4" - 15K
Diverter	Vetco KFDS-CSO
C&K Manifold	TechDrill - 15K

### RISER SYSTEM

Type	Cameron
Length of Joints	75 ft.
Min. ID	19 1/4"
K&C Lines	4 1/2" ID - 15K

### BOP/RISER HANDLING

BOP crane	2 x 75 mt
Riser Crane	30 mt
BOP Skid	400 mt
Xmas Tree Crane	2 x 50 MT (Deck Crane)
Xmas Tree Skid	100 mt

### MUD SYSTEM

Mud Pumps	4 x Wirth TPK - 2200 HP
Pressure Rating	7500 psi
Shale Shakers	4 x Swaco BEM 650

### POWER

Main Engines	8 x Wartsila 12V32
Main Generators	8 x ABB - 4400 kW
Total Power	37.7 MW
Emergency Power	Main Engines (DP 3)

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### STATION KEEPING

Class	DP 3
Control System	Kongsberg
Anchor Chain	8 x 2400 m
Anchors	15 mt

### LIFTING EQUIPMENT

Deck Crane	2 x NOV
Deck Crane Rating	80 mt
Pipe Handling Crane	MH Gantry Crane