

## WEST VELA

The West Vela is a 7th generation ultra-deepwater Drillship with operational history in the U.S. Gulf of Mexico.



### GENERAL (U.S.)

Built	2013 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / ABS
Dimensions	748 ft Long / 137.8 ft Wide
Draft	39.4 ft Drilling / 27.9 ft Transit
Displacement	106,000 st Drilling / 71,500 st Transit
Variable Load	22,047 st Drilling / 18,188 st Transit
Accommodations	200 Persons
Helideck	Sikorsky S92, MIL-Mi-8
Max. Water Depth	12,000 ft Designed / 10,000 ft Outfitted
Max. Drilling Depth	40,000 ft Designed / 37,500 ft outfitted

### STATION KEEPING

Dynamic Positioning	Kongsberg Class 3
Thrusters	6 x Rolls Royce 6,035 HP Azimuthing
Transit Speed	Up to 11.5 Knots
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only

### STORAGE CAPACITIES

Fuel	37,793 bbl
Drill Water	15,362 bbl
Potable Water	9,132 bbl
Active Liquid Mud	6,544 bbl
Reserve Liquid Mud	6,318 bbl
Bulk Bentonite / Barite	15,962 ft <sup>3</sup>
Bulk Cement	15,962 ft <sup>3</sup>

### DRILLING PACKAGE

Derrick	Dual NOV 210 ft Tall with 80 ft x 60 ft Base. 1,250 + 1,000 st Gross Nominal Capacity
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Drawworks	Main: NOV Dresco w/ 2" Drill Line Max. Line Pull 16 Lines of 2,500,000 lbs Aux: NOV Dresco w/2" drill line Max. Line Pull 14 Lines 2,000,000 lbs
Rotary Table	Main: VARCO RST 75.5" Aux: VARCO RST 60.5"
Compensator	Main: NOV Crown Mounted Rated for 766 st Compensated, 1,250 st Static Aux: NOV Crown Mounted Rated for 500 st Compensated, 1,000 st Static
Tubular Handling	NOV Automated Hydraracker
Mud Pumps	4 x NOV 14-P-220 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	6 x NOV VSM 300

### SUBSEA EQUIPMENT

BOP	2 x NOV 18 3/4" 7 RAM 15,000 psi
Annular	2 x Shaffer 18 3/4" 10,000 psi
Diverter	Shaffer Max. Bore 21-1/4"
Wellhead Connector	VETCO SHD
Riser	Shaffer ft-h 90 Ft Length 21" OD, 4" ID Boost Line
Tensioners	8 x Dual Shaffer 112.5 st Capacity EA, 50 ft Line Travel

### CRANES

Primary Cranes	3 x NOV Hydralift Knuckle Boom Rated for 93.6 st at 62.3 ft Radius
X-Mas Tree Handling	NOV Heave Compensatd Knuckle Boom Rated for 181.9 st at 59ft

### POWER

Main Engines	6 x STX-MAN 16V32/40 10,877 HP Diesel Engines
Main Generators	6 x ABB 9,387 HP @ 0.8 P.F.
Emergency Power	1 x MTU 2,145 HP Diesel Engine 1 x Leroy Somer 1,350 kW Generator @ 0.8 P.F.

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### GENERAL (METRIC)

Built	2013 Samsung Heavy Industries
Design	Samsung 12,000
Flag/Class	Panama / DVN
Dimensions	28 ft Long / 42 ft Wide
Draft	12 ft Drilling / 8.5 ft Transit
Displacement	96,189 st Drilling / 64,882 st Transit
Variable Load	22,000 st Drilling / 16,500 st Transit
Accommodations	200 Persons
Helideck	Sikorsky S92, MIL-Mi-8
Max. Water Depth	3,660 ft Designed / 3,048 ft Outfitted
Max. Drilling Depth	12,192 m Designed / 11,429 m Outfitted

### STATION KEEPING

Dynamic Positioning	Kongsberg Class 3
Thrusters	6 x Rolls Royce 4,500 KW Azimuthing
Transit Speed	Up to 5.9 m/s
Mooring Lines	Harbor Mooring Only
Mooring Winches	Harbor Mooring Only

### STORAGE CAPACITIES

Fuel	6,009 m3
Drill Water	2,442 m3
Potable Water	1,452 m3
Active Liquid Mud	1,040 m3
Reserve Liquid Mud	1,004 m3
Bulk Bentonite / Barite	452 m3
Bulk Cement	452 m3

### DRILLING PACKAGE

Derrick	Dual NOV 64 m Tall with 24.4 m x 18.3 Base. 1,134 + 907 mt Gross Nominal Capacity
Top Drive	Main: NOV TDX 1250 Rated for 1,134 mt Hoisting Capacity, 2 x 999 KW AC motors, Max.

	Continuous Torque 142,360 NM at 125 RPM Aux: NOV TDX 1000 Rated for 907 mt Hoisting Capacity, 2 x 858 KW AC Motors, Max. Continuous Torque 106,364 NM
Drawworks	Main: NOV DRECO w/ 50.8 mm Drill Line Max. Line Pull 16 Lines of 1,134 mt Aux: NOV DRECO w/ 50.8 mm drill line Max. Line Pull 14 Lines 907mt
Rotary Table	Main: VARCO RST 755 Aux: VARCO RST 605"
Compensator	Main: NOV Crown Mounted Rated for 695 mt Compensated, 1,134 mt Static Aux: NOV Crown Mounted Rated for 454 mt Compensated, 907 mt Static
Tubular Handling	NOV Automated Hydraracker
Mud Pumps	4 x NOV 14-P-220 1,640 kW
HP Mud System	Rated for 517 bar
Shale Shakers	6 x NOV VSM 300

### SUBSEA EQUIPMENT

BOP	2 x NOV 47.625 cm 7 RAM 1,034 bar
Annular	2 x Shaffer DL 47.625 cm 689 bar
Diverter	Shaffer Max. Bore 0.53975 m
Wellhead Connector	VETCO SHD
Riser	Shaffer ft-h 27.43 m Length 0.5334 m OD 10.16 ID Boost Line
Tensioners	8 x Dual Shaffer 102 mt Capacity EA, 15.24 ft Line Travel

### CRANES

Primary Cranes	3 x NOV Hydralift Knuckle Boom Rated for 83 mt at 19 mt Radius
X-Mas Tree Handling	NOV Heave Compensatd Knuckle Boom Rated for 165 mt at 18 m

### POWER

Main Engines	6 x STX-MAN 16V32/40 8,000 kW Diesel Engines
Main Generators	6 x ABB 7,000 kW @ 0.8 P.F.
Emergency Power	1 x MTU 1,600 kW Diesel Engine 1 x Leroy Somer 1,350 kW Generator @ 0.8 P.F.

Further information: +47 51 30 90 00 — [www.seadrill.com](http://www.seadrill.com)

The above information is intended for general reference only. All equipment and specifications are subject to change at any time. Revised October 2018.

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