WEST DEFENDER

A LeTourneau Super 116-C, 350 fsw rated, 15k dual BOP jack-up. It is a modern rig with numerous productivity-enhancing features including improved hydraulic horsepower from larger and more powerful mud pumps, optimized pipe-handling to facilitate “off-line” stand-building and a dual mud system which will allow for the efficient and simultaneous handling of drilling and completion fluids.

Further information Tel: +47 5130 9000 www.seadrill.com

GENERAL

Design	LeTourneau Super 116-C
Built/year	Keppel AmFels Inc Brownville, TX USA / 2007
Jack-up type	Independent leg jack-up
Major upgrades	Nil
Flag	Panama
Classification	ABS
Class notations	✠A1 Self-Elevating MODU

MAIN DIMENSIONS/TECHNICAL

Length x breadth	243 ft 1" x 206 ft
Transit Draft	16 ft
Leg length	477 ft
Usable leg below hull	420 ft
Leg spacing	142 ft transverse 129 ft longitudinal
Spudcan diameter	45 ft 10-1/2"
Design water depth	350 ft
Min. water depth	16 ft
Drilling depth	30,000 ft
Drilling envelope	70 ft x 30 ft
Variable load	6,168 kips
Helideck	S61N/ MI-17/ EC-225
Helideck compliance	IMO Code ABS Class
Accommodation	102

STORAGE CAPACITIES

Fuel	2,024 bbls
Drill water	11,300 bbls
Potable water	1,658 bbls
Liquid mud	3,734 bbls
Base oil	1,124 bbls
Brine	732 bbls
Barite/Bentonite	6,400 cu ft
Cement	4,800 cu ft
Sack storage	5,000 sacks

POWER

Main engines	4 x Cat 3516B-HD
Main generators	4 x Baylor @ 1,500 kW
Total power	8,600 HP
Emergency power	1 x Cat 3516B-HD x 2,681 HP

DRILLING EQUIPMENT

Derrick	32 ft x 35 ft x 170 ft
Hookload	1,500 kips
Drawworks	NOV 1625 UDBE 3,000 HP
Racking capacity	30,000 ft 5" DP
Top drive	NOV TDS-8SA, 750 st 63,000 ft/lbs cont torque @ 95 RPM
Pipe handling	PH-100
Iron roughneck	NOV Model IR-30120
Rotary table	NOV D-495, 49.5"
Power slips	NOV PS-21
Autodriller	Yes
Driller instrumentation	Yes

TUBULARS

Drill pipe	5" DP

WELL CONTROL

BOP	Shaffer 21-1/4" 2k ABOP CIW 21-1/4" 2K 2x DRAM Shaffer 13-5/8" 10k ABOP CIW 13-5/8" 15k 2xDRAM
Diverter	30" Shaffer 1,000 psi
C&K manifold	15k psi Power Chokes
BOP hoist	2 x Ingersoll Rand hoists x 82.6 st
Conductor tensioner	300 kips

MUD SYSTEM

Mud pumps	3 x Lewco W-2214
Pressure rating	7,500 psi
Shale shakers	5 x Brandt CM-2/ LCM-3D

LIFTING EQUIPMENT

Deck crane	3 x LeTourneau PCM120SS
Main block rating	(120 ft) 83.3 st @ 25 ft & 98.4 st @ 22 ft / (100 ft) 98.4 st @ 30 ft & 14.99 @ 108 ft
Whip line Rating	8.98 st @ 128 ft / 14.99 st @ 108 ft

OFFLINE ACTIVITY CAPABILITY

Optimized pipe handling, International Tool Rotating Mousehole

OTHER FEATURES

Dual mud system