WEST FREEDOM

A LeTourneau Super 116-E, 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-E
Built/year	Lamprell-Sharjah, UAE / 2009
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	16.6 ft
Leg length	477 ft
Usable leg below hull	423 ft
Leg spacing	142 ft transverse 129 ft longitudinal
Spudcan diameter	45 ft 10-1/2"
Design water depth	350 ft
Min. water depth	16.6 ft
Drilling depth	30,000 ft
Drilling envelope	70 ft x 30 ft
Variable load	7,325 kips
Helideck	S61N/ S92
Helideck compliance	CAP437
Accommodation	105

STORAGE CAPACITIES

Fuel	2,000 bbls
Drill water	11,162 bbls
Potable water	1,518 bbls
Liquid mud	3,334 bbls
Base oil	1,000 bbls
Brine	1,000 bbls
Barite/Bentonite	7,000 cu ft
Cement	5,250 cu ft
Sack storage	5,000 sacks

POWER

Main engines	5 x Cat 3516B-HD
Main generators	5 x KATO @ 1,500 kW
Total power	10,750 HP
Emergency power	1 x Cat 3512 x 1,502 HP

DRILLING EQUIPMENT

Derrick	32 ft x 35 ft x 170 ft
Hookload	1,500 kips
Drawworks	Lewco LDW-1500K AC drive 3,000 HP
Racking capacity	25,000 ft 5-1/2"
Top drive	Letourneau DDTD 750 st 72,200 ft/lbs cont torque @ 0-116 RPM
Pipe handling	LTI / DDTD - 750
Iron roughneck	NOV ST-120
Rotary table	Letourneau / OEM 49.5"
Power slips	NOV PS-30
Autodriller	Yes
Driller instrumentation	Yes

TUBULARS

Drill pipe	5-1/2" DP

WELL CONTROL

BOP	Shaffer 21-1/4" 5k ABOP CIW 21-1/4" 5K 2 x DRAM Shaffer 13-5/8" 10k ABOP CIW 13-5/8" 15k 2xDRAM
Diverter	49.5 Vetco Gray
C&K manifold	15k psi Power Chokes
BOP hoist	2 x J.D. Neuhaus Type EH-75 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	2 x LeTourneau PCM120SS & 1 x 220SS
Main block rating	PCM120SS, 120 ft boom, 83,280 lbs, 25 ft rad & 120 ft boom, 6,970 lbs, 123 ft rad / PCM220SS, 140 ft boom, 110,800 lbs, 32 ft rad & 140 ft boom, 22,330 lbs, 145 ft rad
Whip line Rating	PCM120SS: 20,000 lbs, 30 ft rad / PCM220SS: 27,690 lbs 37 ft rad

OFFLINE ACTIVITY CAPABILITY

Optimized pipe handling

OTHER FEATURES

Dual mud system