WEST CALLISTO

A KFELS 'B' Class, 400 fsw rated, 15k BOP jack-up. The rig features 'fit for purpose' off-line pipe handling and stand building inclusive of a dedicated iron roughneck, enhanced mud systems with additional pits and upgraded agitators and shakers, improved deck layouts, greater capacities and upgraded safety equipment compared to previous jack-up generations.

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

GENERAL

Design	KFELS 'B' Class
Built/year	Keppel FELS Shipyard, Singapore / 2010
Jack-up type	Independent leg jack-up
Major upgrades	Nil
Flag	Panama
Classification	ABS
Class notations	✠A1 Self Elevating Drilling Unit

MAIN DIMENSIONS/TECHNICAL

Length x breadth	234 ft x 208 ft
Transit Draft	16 ft
Leg length	517 ft
Usable leg below hull	460 ft
Leg spacing	142 ft transverse 129 ft longitudinal
Spudcan diameter	47 ft
Design water depth	400 ft
Min. water depth	55 ft
Drilling depth	30,000 ft
Drilling envelope	70 ft x 30 ft
Variable load	7,500 kips
Helideck	S61N/ S92
Helideck compliance	CAP437
Accommodation	112

STORAGE CAPACITIES

Fuel	2,630 bbls
Drill water	3,825 bbls
Potable water	2,053 bbls
Liquid mud	3,497 bbls
Base oil	662 bbls
Brine	855 bbls
Barite/Bentonite	6,000 cu ft
Cement	5,100 cu ft
Sack storage	5,000 sacks

POWER

Main engines	5 x Cat 3516B-HD
Main generators	5 Kato @ 1,720 kW
Total power	10,750 HP
Emergency power	1 x Cat3508B, 912 HP

DRILLING EQUIPMENT

Derrick	36 ft x 36 ft x160 ft
Hookload	1,500 kips
Drawworks	NOV ADS-10T 3,000 HP AC
Racking capacity	280 stands 5-1/2" DP
Top drive	NOV TDS-8SA, 750 st 63,000 ft/lbs cont torque @ 95 RPM
Pipe handling	PH100
Iron roughneck	NOV AR 3200M
Rotary table	RST 49.5"
Power slips	NOV PS-21
Autodriller	Yes
Driller instrumentation	Amphion system

TUBULARS

Drill pipe	5-1/2" DP

WELL CONTROL

BOP	CIW 18-3/4" 10K ABOP CIW 18-3/4" 15k 2xDRAM
Diverter	49.5" KFDJ 500 psi
C&K manifold	TechDrill 15 K psi
BOP hoist	2 x 132 st Ingersoll Rand Air Hoists.
Conductor tensioner	500 kips

MUD SYSTEM

Mud pumps	3 x Lewco W-2215
Pressure rating	7,500 psi
Shale shakers	5 x Brandt VSM300

LIFTING EQUIPMENT

Deck crane	3 x FAVCO
Main block rating	50 st @ 40 ft / 12 st @ 120 ft
Whip line Rating	11 st

OFFLINE ACTIVITY CAPABILITY

Forum Cranesafe Gantry Crane, NOV ST 120 Iron Roughneck

OTHER FEATURES

Helicopter refueling system