

WEST PROSPERO

A KFELS 'B' Class, 400 fsw rated, 15k jack-up. It is a modern rig which enjoys the improved safety, operational efficiencies and equipment benefits of the latest generation of drilling units. The rig features greater capacities in terms of space, weights and volumes for bulks, liquids and general cargo compared to previous jack-up generations. The rig was awarded rig of the Quarter across ExxonMobil's international MODU fleet and was also presented with their prestigious Gold Award for working more than 200,000 man-hours without work time injury as a result of its exceptional operational and HSE performance.



GENERAL	
Design	KFELS "B" Class
Built/year	Keppel FELS Shipyard, Singapore / 2007
Jack-up Type	Independent Leg Jack-Up
Major Upgrades	Leg & BOP upgrade
Flag	Panama
Classification	DNV
Class Notations	A1 Self Elevating Drilling Unit
MAIN DIMENSIONS/TECHNICAL	
Length x Breadth	234 ft x 208 ft
Transit Draft	16 ft
Leg Length	514 ft
Usable Leg Below Hull	459 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	7,600 kips
Helideck	S61N / S92
Helideck Compliance	CAP437
Accommodation	110
STORAGE CAPACITIES	
Fuel	2,561 bbls
Drill Water	3,824 bbls
Potable Water	2,044 bbls
Liquid Mud	3,880 bbls
Base Oil	1,240 bbls
Brine	852 bbls
Barite / Bentonite	6,000 cu ft
Cement	5,100 cu ft
Sack Storage	5,000 Sacks
POWER	
Main Engines	5 x Cat 3516B
Main Generators	5 x Kato @ 1,500 kW

Total Power	10,750 HP
Emergency Power	1 x Cat 3508B @ 831 HP
DRILLING EQUIPMENT	
Derrick	32 ft x 35 ft x 160 ft
Hookload	1,500 kips
Drawworks	NOV ADS-10T 3 x 1,150 HP Cont.
Racking Capacity	308 Stands 5-1/2" DP
Top Drive	NOV TDS-8SA, 750 st 63,000 ft/lbs cont torque @ 95 RPM
Pipe Handling	PH-100
Iron Roughneck	NOV ar 3200 m
Rotary Table	RST 49.5"
Power Slips	NOV PS 500
Autodriller	Yes
Driller Instrumentation	V-ICIS Drilling System
TUBULARS	
Drill Pipe	5-1/2" DP
WELL CONTROL	
BOP	CIW 18-3/4" 10K ABOP CIW 18-3/4" 15k 2 x DRAM
Diverter	49.5" KFDJ 500 psi
C&K Manifold	Shaffer 15K psi
BOP Hoist	2 x 82.7 st Hercu-Link BOP Hoist System
Conductor Tensioner	400 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	11 st @ 120 ft
Whip Line Rating	9.92 st
OFFLINE ACTIVITY CAPABILITY	
Nil	
OTHER FEATURES	
Helicopter Refuelling System, Dual Mud System	

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