WEST CASTOR

A Friede & Goldman JU-2000E, 400 fsw rated, 15k BOP jack-up. The rig represent the latest generation of high efficiency jack-ups suitable for operations worldwide. The rig offers numerous improvements including increased deck-space compared to other designs, accomodation for 140 men, the ability to jack with 100% preload, optimized pipe handling to facilitate "off-line" stand-building, more powerful mud pumps and a dual mud system which will allow for the efficient and simultaneous handling of drilling and completion fluids. Technical specifications are preliminary and may change during the course of the shipyard project

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

GENERAL

Design	F&G JU2000E
Built/year	Jurong, Singapore / 2013
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	231 ft x 250 ft
Transit Draft	21 ft
Leg length	547 ft
Usable leg below hull	479 ft
Leg spacing	156.2 ft transverse 150 ft longitudinal
Spudcan diameter	59 ft
Design water depth	400 ft
Min. water depth	N/A
Drilling depth	30,000 ft
Drilling envelope	75 ft x 30 ft
Variable load	8,302 kips
Helideck	S92/ Mil-17
Helideck compliance	CAP437
Accommodation	140

STORAGE CAPACITIES

Fuel	4,150 bbls
Drill water	9,875 bbls
Potable water	3,460 bbls
Liquid mud	4,729 bbls
Base oil	1,340 bbls
Brine	1,358 bbls
Barite/Bentonite	10,595 cu ft
Cement	17,939 cu ft
Sack storage	5,000 sacks

POWER

Main engines	5 x Cat 3516 B-HD
Main generators	5 x Baylor
Total power	10,750 HP
Emergency power	1 x Cat 3512 B-HD x 2,150HP

DRILLING EQUIPMENT

Derrick	40 ft x 40 ft x 170 ft
Hookload	2,000 kips
Drawworks	SSGD-1000 AC 6,000 HP
Racking capacity	29,525 ft total length
Top drive	NOV TDS 1000 63,000 cont torque @ 95 RPM
Pipe handling	PH-100
Iron roughneck	NOV MPT-200 Hydratong
Rotary table	RST 49.5"
Power slips	NOV PS-30
Autodriller	Yes
Driller instrumentation	NOV Cyberbase

TUBULARS

Drill pipe	5-1/2" DP

WELL CONTROL

BOP	Shaffer 18-3/4" 10k ABOP Shaffer 18-3/4" 15k 2xDRAM
Diverter	49.5 KFDJ 500 psi
C&K manifold	15k psi
BOP hoist	2 x NOV 138 st
Conductor tensioner	815 kips

MUD SYSTEM

Mud pumps	NOV 14-P-220
Pressure rating	7,500 psi
Shale shakers	5 x Brandt VSM300

LIFTING EQUIPMENT

Deck crane	3 x Seatrax Series 72 Model with 120' boom
Main block rating	82.5 st (SWL)
Whip line Rating	TBA

OFFLINE ACTIVITY CAPABILITY

2 x Mouseholes, NOV ARN-200 standbuilding, Racking of 13-3/8" casing offline

OTHER FEATURES

Jacking with 100% preload, Dual mud system, Coring caisson 12", Knuckle boom crane for horizontal pipe handling. The rig is outfitted for operations in the Southern North Sea excluding Norway.