



# DUKHAN

## Keppel FELS Mod V B-Class Bigfoot Jackup

### GENERAL

Year Built	2013
Classifications	ABS, A1 Self-elevating Drilling Unit

### DRILLING EQUIPMENT

Derrick	LC Moore, 160' with 36' x 36' base, 1,500,000 lbs static hook load
Top Drive	NOV TDS8-SA, 750 tons, 1,150 HP, max.torque 96,000 ft-lb
Drawworks	NOV ADS10DT, 3000 HP
Iron Roughneck	1 X NOV ST-100, 1 X NOV ST-120 Max. make up torque 100K ft-lb Max. break out torque 120K ft-lb
Rotary Table	NOV, RST495, 49-1/2", rated 750 tons, hydraulic
Mud Pump	3 x NOV 14-P-220, 2,200 HP triplex pumps, Rated 7,500 PSI
Solids Control	5 x NOV-BRANDT/VSM300 shale shakers

### WELL CONTROL

Diverter	KFDJ-500 fixed diverter system, 2 x 14" overboard line
Annular	Cameron 13-5/8" X 5,000 PSI DL annular
BOPs	Cameron 13-5/8" X 10,000 PSI, 4 ram stack 2 X Single and 1 X Double
BOP Control System	Cameron control system, 15 gal x 64 bottles
BOP Crane	2 X EH75, J.D. Neuhaus 75 tons air operated trolley winches

### POWER

Main Engines	5 X CAT 3516CHD, radiator cooling, total 10,750 HP
Main Generators	5 X KATO, 600 V, 60 Hz, total 8,600 KW
Emergency Use	1 X CAT 3512, 1000 KW

### OTHER

Cranes	3 X diesel driven Favelle Favco crane 45.4 MT at 40' 10 MT at 120'
Water Maker	2 X Alfa Laval D-PU-36-C125 water maker, 70 m <sup>3</sup> /day each

### CAPACITIES

POB	150
Hook Load	1,500 Kips
Setback Load	750 Kips
Liquid Mud	3,100 bbls
Bulk Cement	6,800 ft <sup>3</sup>
Bulk Barite	6,000 ft <sup>3</sup>
Sack Storage	5,000 Sacks
Drill Water	3,828 bbls
Potable Water	2,346 bbls
Diesel Fuel	5,967 bbls
Base Oil	1,214 bbls
Brine	1,076 bbls

### DIMENSIONS

Usable Leg Length	413'
Max Drilling Depth	30,000'
Leg Length	469'
Hull Length	234'
Hull Width	208'
Hull Depth	25'
Displacement	34,332 Kips
Spud Can Diameter	53'
Cantilever Envelope	75' x 15'
Helideck	Diameter - 73', Sikorsky CAP 437, 8 <sup>th</sup> edition



### Gulf Drilling International Ltd. (Q.S.C.)

GDI Head Office: 10<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Floors  
The Gate Mall, Tower 3  
Maysaloun Street, West Bay, P.O. Box 9072  
Doha, Qatar  
+974 4463 7333  
www.gdi.com.qa  
marketing@gdi.com.qa



The information provided herein is for reference purposes only. Rig specifications and capabilities are subject to change. Water depth capacities are subject to various environmental factors.