



# AL-ZUBARAH

## Keppel FELS Mod V B-Class Jackup

### GENERAL

Year Built	2007
Classifications	ABS, A1 Self-elevating Drilling Unit

### DRILLING EQUIPMENT

Derrick	Woolslayer 160' with 35' X 35' base, 1,500,000 lbs static hook load
To Drive	NOV TDS8-SA, 750 tons, 1,150 HP, max.torque 96,000 ft-lb
Drawworks	NOV ADS10T, 2400 HP
Iron Roughneck	NOV ST-80, pipe range 4 ¼" – 8 ½" Max. make up torque 60K ft-lb Max break out torque 80K ft-lb
Rotary Table	NOV, RST495, 49-1/2", rated 750 tons, hydraulic
Mud Pumps	3 x NOV 12-P-160, 2,000 HP triplex pumps, rated 7,500 PSI
Solid Controls	4 x NOV-BRANDT/VSM300 shale shakers

### WELL CONTROL

Diverter	30" Diverter
Annular	Cameron 13-5/8" X 5,000 PSI DL annular
BOPs	Cameron 13-5/8" X 10,000 PSI stack 2 X double
BOP Control System	NOV Shaffer 2T60000-3S, 11 gal X 60 bottles, 3000 PSI WP
BOP Crane	2 X J.D Neuhaus 40 tons air operated trolley winches

### POWER

Main Engines	4 X CAT 3516B, 6412 KW at 1200 rpm, total 8,600 HP
Main Generators	4 X KATO, AC 600 V, 60 Hz, total 7,500 KVA
Emergency Use	1 X CAT3508, 600 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 40 m <sup>3</sup> /day and one(1) Norwater 80 m <sup>3</sup> /day

### CAPACITIES

POB	110
Hook Load	1,500 Kips
Setback Load	880 Kips
Liquid Mud	3,613 bbls
Bulk Cement	6,800 ft <sup>3</sup>
Bulk Barite	6,000 ft <sup>3</sup>
Sack Storage	5,000 Sacks
Drill Water	21,315 bbls
Potable Water	2,345 bbls
Diesel Fuel	5,335 bbls
Base Oil	1,057 bbls
Brine	1,076 bbls

### DIMENSIONS

Usable Leg Length	373'
Max Drilling Depth	30,000'
Leg Length	430'
Hull Length	234'
Hull Width	208'
Hull Depth	25'
Displacement	31,826 Kips
Spud Can Diameter	47.2'
Cantilever Envelope	50' X 15'
Helideck	Diameter - 73', Sikorsky S-61N and S-92 CAP 437, 8 <sup>th</sup> edition



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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.