

# RIG SPECIFICATION SHEET

## Arabdrill 30 (AD30)



Rig HP Rating	3000 hp
Design	KFELS Mod-V Class B
Rig Builder /Year	Keppel FELS Yard, Singapore/ 2006
Classification	ABS Class <del>✕</del> A1
Load Rating	1,500,000 lbs
Rated Drilling Depth	30,000 ft.
Water Depth	Min 25 ft & max 300 ft
Overall Dimensions	234 ft X 208 ft X 25 ft
Transit/jacking/Elevated	5070 / 18911 / 7600 kips
Cantilever Envelope	70 ft long. x 15 ft trans.
POB	110

### DERRICK

Make	Lee C Moore
Height	160 ft.
Static Hook Load	1,500,000 lbs
Drilling Line Size	1-3/4"

### TOP DRIVE

Make / Model	NOV TDS-8SA
Load Rating	750 t, 1150 hp, GEB20B2
Max. Drill Torque	62,250 ft-lb
Breakout Torque	95,000 ft-lb

### MUD PUMPS

Make/Model	Cameron LEWCO/VMP-2215
Number of pumps	3
Max. Input Horsepower	2200 hp
Standpipe Pressure	7,500 psi

### POWER GENERATION

Make/ Model	CAT3516B -5 ea
Horsepower Rating	2150 hp
Kilowatt Rating	1720 kW

### DRAW WORKS

Make	National Oilwell Varco
Model	ADS-10T
Input Power	GEB22A2 - 3 ea
Horsepower Rating	3200 hp

### ROTARY / SLIP TABLE

Make / Model	Varco RST - 49.5
Table Opening Size	49 1/2"

### MUD SYSTEM

Active (usable) Volume	3878 bbls
Number of Tanks	8
Solid Control System	4 Brandts

### DECK CRANES

Make & Capacity	3 ea. Favelle Favco, Diesel/Hudraulic, CAT C-15 Engine
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### TRAVELLING ASSEMBLY

Crown Block	WCI
Load Rating	750 t
Travelling Block	Shaffer Travelling Block , 7 sheaves x 68" dia
Load Rating	750 t

### WELL CONTROL

Annular Preventer	HMH (Hydril) GX
Pressure Rating	10,000 PSI
Big Bore Diverter	KFDJ 500, 49.5"
Diversers	NOV Shaffer SBOP : 21.1/4-2M & 30-1M
Ram Preventer	Cameron Type "U" Double - 2 ea
Choke	JVS
Manifold Pressure Rating	10,000 psi
Size	4-1/16"
Accumulator Pressure Rating	CAD 3000 PSI with 5000 PSI DSA
MGS	48"

### ADDITIONAL EQUIPMENT

BOP Handling	2 x 75 ton each J.D. Neuhaus BOP handling hoists
Emergency Generator	1 ea. CAT C32, HP 1333
Iron Roughneck	NOV AR 3200M (main), NOV ST-120 (offline)
OA Crane	16 K Fourm, 16,000 lb SWL



\* Applies to Mast / Derrick and Substructure.