

RIG SPECIFICATION SHEET

Arabdrill 140 (AD140)



Rig HP Rating	3000 hp
Design	KFELS Mod-V Class B
Rig Builder /Year	KFELS Yard, Singapore/ 2017
Classification	ABS Class MA A1
Load Rating	1,500,000 lbs
Rated Drilling Depth	30,000 ft
Water Depth	Min 25 ft & max 400 ft
Overall Dimensions	234 ft X 208 ft X 25 ft
Transit/jacking/Elevated	4500 Kips, 17,168 Kips, 7500 Kips
Cantilever Envelope	70 ft long. x 15 ft trans.
POB	150

DERRICK

Make	Lee C Moore (Woolslayer Company)
Height	160 ft
Static Hook Load	1,500,000 lbs
Drilling Line Size	1-5/8"

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	NOV 14-P-220
Number of pumps	3
Max. Input Horsepower	2200 hp
Standpipe Pressure	7,500 psi

POWER GENERATION

Make/ Model	CAT/ 3516 CHD - 5 ea
Horsepower Rating	2150 hp
Kilowatt Rating	1720 kW

DRAW WORKS

Make	NOV
Model	NOV / ADS-10T
Input Power	GEB22A2 - 3 ea
Horsepower Rating	3000 hp

ROTARY / SLIP TABLE

Make / Model	NOV RST 495
Table Opening Size	49 1/2"

MUD SYSTEM

Active (usable) Volume	4,000 bbls
Number of Tanks	7
Solid Control System	4 Brandts

DECK CRANES

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

Crown Block	Lee C Moore (Woolslayer Company)
Load Rating	860 t
Travelling Block	NOV/DRECO Model 760TB-750-8C
Load Rating	750 t

WELL CONTROL

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

ADDITIONAL EQUIPMENT

BOP Handling	2 x 82.5 Tons each Ingersoll Rand BOP handling hoists
Emergency Generator	1 ea Caterpillar 3508B Engine, 912HP
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.