

AOD II

The AOD II is an independent Leg Cantilever Jackup with operational history in the Arabian gulf.



GENERAL (U.S.)

Built	2013 Keppel AmFELS
Design	Keppel Fels MOD-V Independent Leg Cantilever
Flag/Class	Panama/ ABS
Helideck	S61N & S92
Accommodations	150 Persons
Dimensions	234 ft Long / 208 ft Wide / 25 ft Deep
Draft	16 ft Transit
Displacement	15,528 st at Loadline
Variable Load	2,217 st Transit / 4,132 st Drilling
Max. Drilling Depth	30,000 ft
Max. Water Depth	up to 400 ft
Legs	3 x 517 ft Square Truss / 459 ft Useable Below Hull
Leg Spacing	142 ft Transverse / 129 ft Longitudinal
Spudcans	46 ft Diameter
Jacking System	Rexroth 28 x Pinions/Leg
Mooring Winches	4 x 50 HP 25 st Pull
Mooring Lines	4 x 2,000 ft 1-1/2" Diameter IWRC
Anchors	4 x Flipper Delta 5.51 st

STORAGE CAPACITIES

Fuel	3,254 bbl
Drill Water	18,784 bbl
Potable Water	2,053 bbl
Active/Reserve Liquid Mud	4,628 bbl
Base Oil	1,533 bbl
Brine	2,152 bbl
Bulk Bentonite / Barite	4 x 1,500 ft3
Bulk Cement	3 x 1,700 ft3
Sack Storage	5,000 Sacks

DRILLING PACKAGE

Cantilever Envelope	70 ft x 30 ft
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Derrick	Lee C. Moore 180 ft Tall with 36 ft x 36 ft Base. 964.3 st Gross Nominal Capacity
Top Drive	NOV TDS-8SA Rated for 750 st Hoisting Capacity. Max. Continuous Torque 62,500 ft-lbs
Drawworks	NOV ADS-10 w/ 1-5/8" Drill Line. Max. Line Pull 14 Lines of 750 st
Rotary Table	NOV-495, 49.5" Max. Opening
Tubular Handling	NOV st-120 Iron Roughneck
Mud Pumps	3 x LEWCO w-2215, 2,200 HP
HP Mud System	Rated for 7,500 psi
Shale Shakers	4 x Quad VSM 300. 1 x Mud Cleaner

WELL CONTROL

BOP (LP)	Cameron Type U 26-3/4" 3 x RAM 3,000 psi. 1 x Shaffer Spherical Annular 30" 1,000 psi
BOP (HP)	Shaffer Type LXT 13-5/8" 3 x RAM 10,000 psi. 1 x Shaffer Spherical 13-5/8" 5,000 psi
Diverter	1 x GE Big Bore Diverter 36" 30" 24" o.s- 500 psi
BOP Handling	2 x Ingersoll-Rand 82.65 st Hoist
Choke & Kill Manifold	NOV 15,000 psi
Conductor Tensioning	Icon T230A Inserts for 36" 30" 24". Conductor Total Tension 230 st

CRANES

Primary Cranes	3 x Favel Favco Model 7.5/10k 120' Boom. Rated for 50 st at 22 ft Radius, Port AFT, STBD AFT
Xmas Tree Handling	2 x Pafinger KBC 5 st Hoist

POWER

Main Engines	5 x Caterpillar 3516b HD 2,150 HP Diesel Engines
Main Generators	5 x Baylor 2,011 HP
Emergency Power	1 x Caterpillar 3508b HD 915 HP Diesel Engine. (Separate from 5 Main Engines)

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GENERAL (METRIC)	
Built	2013 Keppel Fels
Design	Keppel Fels MOD-V Independent Leg Cantilever
Flag/Class	Panama/ ABS
Helideck	S61N & S92
Accommodations	150 Persons
Dimensions	71.3 m Long / 63.4 m Wide / 7.6 m Deep
Draft	4.9 m Transit
Displacement	31,056 mt at Loadline
Variable Load	2,012 mt Transit / 3,750 mt Drilling
Max. Drilling Depth	9,144 m
Max. Water Depth	Up to 122 m
Legs	3 x 157.6 m Square Truss / 139m Useable Below Hull
Leg Spacing	43.3 m Transverse / 39.3 m Longitudinal
Spudcans	14 m Diameter
Jacking System	Rexroth 28 x Pinions / Leg
Mooring Winches	4 x-36 67 kW 25 mt Pull
Mooring Lines	4 x 609.6 m 38.1 mm Diameter IWRC
Anchors	4 x Flipper Delta 5.51 mt
STORAGE CAPACITIES	
Fuel	509 m3
Drill Water	2,940 m3
Potable Water	321 m3
Active/Reserve Liquid Mud	724.37m3
Base Oil	240 m3
Brine	337 m3
Bulk Bentonite / Barite	170 m3
Bulk Cement	144 m3
Sack Storage	5,000 Sacks
DRILLING PACKAGE	
Cantilever Envelope	21.3 m x 9.1 m

Derrick	NOV Dreco 39.6 m Tall with 9.8 m x 10.7 m Base. 875 mt Gross Nominal Capacity
Top Drive	NOV TDS-8SA Rated for 680.6 mt Hoisting Capacity. Max. Continuous Torque 84,739 nm
Drawworks	National 1625 UDDE w/41.275 mm Drill. Line Max. Line Pull 12 Lines of 782.7 mt
Rotary Table	NOV-495, 1.257 m Max. Opening
Tubular Handling	NOV st-120 Iron Roughneck
Mud Pumps	3 x LEWCO w-2214, 1640.53 kW
HP Mud System	Rated for 517 Bar
Shale Shakers	4 x Quad VSM 300
WELL CONTROL	
BOP (LP)	Cameron Type U 67.96 cm 3 x RAM 138 Bar. 1 x Shaffer Spherical 76.2 cm 68.9 Bar
BOP (HP)	Shafer LXT 34.6075 cm 3 x RAM 1,034 Bar. 1 x Shaffer Spherical 34.6075 cm 344 Bar
Diverter	1 x GE Big Bore Diverter 91.4 cm 34.47 Bar
BOP Handling	2 x Ingersoll-Rand 75 mt Hoist
Choke & Kill Manifold	NOV 1,034 Bar
Conductor Tensioning	Icon T230A Inserts for 914mm, 762mm, 610mm Conductor Total Tension 230 mt
CRANES	
Primary Cranes	3 x Favel Favco Model 7.5/10k- 36.6 m Boom. Rated for 50 mt at 7.6 m Radius, Port FWD
Xmas Tree Handling	2 x Pafinger KBC 5 mt Hoist
POWER	
Main Engines	5 x Caterpillar 3516b HD 1,603 kW Diesel Engines
Main Generators	5 x Baylor 1,500 kW
Emergency Power	1 x Caterpillar 3508B HD 1,603 kW Diesel. Engine (Separate from 5 Main Engines)

Further information: +47 51 30 90 00 — www.seadrill.com

The above information is intended for general reference only. All equipment and specifications are subject to change at any time. Revised October 2018.

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