

ENERGY ENDEAVOUR



Jack Up

Decommissioning Vessel Equipment Overview



Energy Endeavour DECOMMISSIONING VESSEL SPECIFICATIONS

GENERAL

Design: Gusto Independent 3-leg Cantilever Jack Up
Flag: Liberia
Classification Society: DNV Self Elevating Drilling Unit
Year Built / MODU Certification: 1982/1989
Upgrade/Conversion: 2018
Builder: RSV Gusto, Holland
Accommodation: 96 Persons

MAIN DIMENSIONS/ DRAFT

Length: 226 ft
Breadth: 259 ft
Depth: 27 ft
Legs: 448/Triangular Truss
Spud Tanks: 14.6m x 16.9m/48ft x 56ft
Transit Draft: 22' from Waterline to Tip of Spud Can

MACHINERY

Main Power: 4 x Caterpillar 3516B Diesel Engines 9800hp with 4 x Leroy Somer 1825 kW Generators
Power Distribution: Hill Graham 600v Main Switchboard
Emergency Power: 1 x Caterpillar D398TA 566 kW with marine generator
Compressors: 1 x Ingersoll Rand SSR 2000 1 x Atlas Copco GA 132 & 1 x Ingersoll Rand Cold Start Type 30
Jacking System: Hydraulic Rack & Pinion, Jacking Rate of 70 ft/hr and Holding Capacity of 7,400 Tons per Leg

INTEGRATED EQUIPMENT

Cementing Unit:** Halliburton Twin HT-400 dual cementing unit driven by 2 X Caterpillar 3406-B Diesel Engines.
Batch Mixer:** 1 x 60 bbl and 1 x 120 bbl
Slickline Unit:** Type Zone Power, Split lift Zone 2 S-Line winch, capacity for 25,000ft of 0.124 wire
N2 Generator: 240 Nm³/hr

DECK EQUIPMENT

1 x Huisman PMC 6200-300 (300 ton with a 53.9 mtr Boom)
1 x National OS-435 Crane (52.5 ton with a 140' Boom 6 falls)
1 x National OS-215 Crane (39.4 ton with a 100' Boom 5 falls)
4 x Whittaker 36 Man Lifeboats
1 x JY Wolong 32 Man Lifeboat
1 x Neptune 26 Man Lifeboat

OPERATING PARAMETERS

Max Water Depth: 300'
Air Gap: 36 ft to 125 ft (SSA Dependent)
Transit Speed: 4 knots
Fluid Circulating System: 10,000 psi
Well Control Equipment : 10,000 psi

CAPACITIES

Variable Deck Load: 2,700 Tonnes
Barite/Bentonite: 1,500ft³
Cement: 6,000ft³
Pit Capacity: 1,593 bbls
Storage Tank Capacity (In Hull): 1,069 bbls
Storage Tank Capacity (On Deck): 214 bbls
Sacks: 1,000 sacks
Drillwater: 5,045 bbls
Potable water: 1,442 bbls
Fuel oil: 1924 bbls

WELL CONTROL SYSTEMS

BOP:** Cameron 13 5/8 10,000 psi stack
Preventers:** 1 x 10k' Double 'U', 1 x Shaffer 5k Annular Control System**
Control System:** Oceanex 18 x15 gallon bottles 3,000 psi
Remote Panels:** Well Site & Toolpushers Office
Test Stump:** 10,000 psi