



## RIG FLEET SPECIFICATIONS

Rig Type	Independent Leg Self Elevating Cantilever Jack-Up
Design	LeTourneau Super 116E
Previous Names	
Year Constructed	2013
Built By	Lamprell Shipyard, Sharjah U.A.E
Classification	ABS 1A1, IMO MODU
Flag	Liberia
Min/Max Water Depth	6 m to 107 m (20 ft to 350 ft)
Max Drilling Depth	9,144 m (30,000 ft)
Accommodation	105 berths
Helideck	25 m (83 ft) Octagonal, rated for S-92, S61-N or Mi-8
Operating Conditions	Wave: 12.2 m (40 ft) @ 11.7 sec; Wind: 100 kt; Surface Current: 1 kt
Storm Conditions	Wave: 16.8 m (55 ft) @ 13.7 sec; Wind: 100 kt; Surface Current: 1 kt

## VESSEL

### TECHNICAL DIMENSIONS

Hull Dimensions	74 m x 63 m x 8 m (243 ft x 206 ft x 26 ft)
OA with helideck	100.9 m x 63 m x 8 m
Loadline Draft	5.0 m (16.5 ft)
Lightship Draft	4.3 m (14.1 ft)
Variable Deck Load (VDL)	Operating: 3,400 mt (3,748 st) Transit: 2,241 mt (2,470 st) Jacking: 1,834 mt (2,021 st) Survival: 1,834 mt (2,021 st)

### MACHINERY

Main Power	5 x Caterpillar 3516 C HD (2,150 hp); 5 x Kato 6P6-3000 1,600 kW generators
Emergency Power	1 x Cat 3512 B HD (1,200 hp); 1 x Kato 6P6-2900 1,200 kW, 600 V, 60 Hz
Power Distribution	LTI/OEM eleven station AC VFD system
Deck Cranes	2 x LeT PCM 220SS cranes, 380 kW; 50 mt (55 st) @ 15 m (50 ft); 11 mt @ 43 m 1 x LeT PCM 120SS cranes, 380 kW; 38 mt (42 st) @ 8 m (25 ft); 9 mt @ 38 m

### JACKUP SPECIFICATIONS

Legs	Rectangular Lattice, 3 x 145 m (477 ft); Usable below hull: 130 m (423 ft)
Leg Spacing	Long. 39 m (129 ft); Trans. 43 m (142 ft)
Spud Cans	Circular, 154 m <sup>2</sup> (1,662 ft <sup>2</sup> ) each
Jacking System	LeTourneau, rack and pinion system
Cantilever	Transverse: 4.6m (15 ft) each side of center Longitudinal: 21.3 m (70 ft) from transom

### STORAGE CAPACITIES

Liquid Mud	652 m <sup>3</sup> (3,510 bbl)
Liquid Brine/Oil Ea	154 m <sup>3</sup> (970 bbl)
Drill Water	1,525 m <sup>3</sup> (9,590 bbl)
Potable Water	242 m <sup>3</sup> (1,520 bbl)
Fuel Oil	335 m <sup>3</sup> (2,106 bbl)
Bulk Mud	198 m <sup>3</sup> (7,000 ft <sup>3</sup> )
Bulk Cement	149 m <sup>3</sup> (5,250 ft <sup>3</sup> )
Sack Material	5,000 sacks

### MOORING EQUIPMENT

Winches	4 x AmClyde JU-36 elec.
Anchors	4 x Flipper Delta 5 mt (5.5 st)
Anchor Wire	4 x 738 m (2,400 ft) x 1½" (38 mm)

## JACK-UP "Neptune"



## DRILLING PACKAGE

### DERRICK

Manufacturer/Type	Woolslayer
Dimensions	52 m x 11 m x 10 m (170 ft x 35 ft x 32 ft)
Max Hook Load	680 mt (750 st) with 14 lines
Racking Capacity	320 stds 5½" DP plus 8 stds 8" Collars
Setback Capacity	386 mt (425 st)

### DRAWWORKS

Manufacturer/Type	Lewco LDW-1500 AC
HP Rating	4,500 hp driven by 3 OEM 1500 AC motors
Brakes	LTI Disc Brakes

### TOP DRIVE

Manufacturer/Type	NOV TDS-8SA AC
Output Power	1,150 hp
Rated Capacity	680 mt (750 st)
Continuous Torque	63,000 ft lbs @ 94 rpm

### ROTARY TABLE

Manufacturer/Type	Lewco L-495
Rated Capacity	680 mt (750 st)
Max. Opening	49½" (1,257 mm) & 37½" adapter bushing

### MUD PUMPS

Manufacturer/Type	3 x Lewco W-2214 Triplex
HP Rating	2,200 hp (each)
Max. Pressure	7,500 psi (515 bar)

### SOLIDS CONTROL

Shale Shakers	5 x Brandt LCM-3D-CMC
Mud Cleaner	1 x Brandt LCM-3D-CMC with 12 x 4" desander stages & 32 x 4" desilter stages
Degasser	2 x Brandt DG-10

### WELL CONTROL SYSTEMS

BOP Stack	1 x 18¾" (476 mm) x 10,000 psi (690 bar) Shaffer annular, H <sub>2</sub> S certified; 2 x 18¾" (476 mm) x 15,000 psi (1,035 bar) Shaffer double ram, H <sub>2</sub> S certified
Diverter	KFDJ 49½" (1,257 mm) nominal, 27½" (698.5 mm) ID, 500 psi (34 bar) WP
Control System	Shaffer Accumulator Unit; Accumulator capacity: 1200 gallons
Choke & Kill	WOM 15,000 psi (1,035 bar) C&K manifold with 2 x hydraulic Swaco chokes, 1 manual choke & 15K by-pass lines, H <sub>2</sub> S certified