**Natt**

**High Specification Jackup**

### General Description

Design / Generation ................................................. PPL Pacific Class 400
Constructing Shipyard ................................................. PPL Shipyard PTE Ltd., Singapore
Year Entered Service / Significant Upgrades ................................................. 2018
Classification ....................................................... ABS A1, Self-Elevating Drilling Unit
Flag ........................................................................ Panama
Overall Dimensions .................................................. 236.5 ft long x 224.4 ft wide x 27.9 ft deep
Legs ........................................................................... (3) 532 ft long, Triangular
Drats ........................................................................... 19.50 ft at loadline
Accommodation ................................................................ 150 persons
Displacement ................................................................ 43,845 kips
Variable Deck ......................................................... 7,498 kips operating / 4,998 kips transit (spud cans full)
Transit Speed ............................................................. up to 4 knots, @ 150st bollard pull
Operating Water Depth ........................................... 400 ft designed / 400 ft outfitted
Maximum Drilling Depth ............................................ 30,000 ft

### Drilling Equipment

Derrick .............................................................. Loadmaster Derrick 160 ft high, with 35 ft x 35 ft base
Hookload Capacity .................................................. 1,500,000 lbs gross nominal capacity
Cantilever/Drill Floor .................................................. 75 ft / 15 ft Port & Starboard
Drawworks ............................................................ Cameron Ultrahoist 750-3000 (FA30) Max hook load 750st with 14 lines, 2 x GE AC motors suitable for 1-5/8” drill line
Rotary Table ............................................................. Cameron 49-1/2” table opening, hydraulic drive, rated 750st
Top Drive ................................................................. Cameron FD35, 750 st static/dynamic load rating 1150hp AC motor GE. Max speed 274rpm, Max torque 66,000 ft-lbs. Max MU/BO torque 115,000ft-lbs, (2) IBOP 3 1/6” - 15k
Tubular Handling ...................................................... Cameron Jim 10 T-P-L, 3-1/2” to 9-3/4” OD drill pipe & drill collar Make-up torque 103,300ft-lb Break-out torque 147,500ft-lb Spinning speed 0-80 rpm (with 5” OD) Spinning torque 3,500ft-lbs
Mud Pumps ............................................................... (3) Lewco W2214 triplepumps, each driven by 1150 hp (GE AC motor) 7,500 psi rated
Solids Control .......................................................... (4) NOV Brandt VSM 300 shaleshakers. Mud cleaner installed over one shale shaker.

### Power & Machinery

Main Power ............................................................... (5) Caterpillar 3516C diesel engines rated at 2,150hp at 1200rpm each with Kato generator rated to 2,150 KVA
Emergency Power .................................................... (1) Caterpillar 3508B DITA diesel engine rated at 966hp at 1,800rpm with Leroy Somer generator rated to 1020kV

### Storage Capacities

Fuel Oil ....................................................................... 3,818 bbls
Liquid Mud .................................................................. 4,170 bbls
Base Oil ....................................................................... 1,270 bbls
Brine ........................................................................... 1,289 bbls
Drill Water .................................................................... 21,742 bbls
Potable Water ................................................................ 3,553 bbls
Bulk Material ............................................................. (mud + cement) 11,653 cu-ft
Sack Storage .................................................................. 5,000 sacks

### BOP & Well Control Equipment

BOP Rams ................................................................. (2) Cameron double rams 18-3/4” 15k psi BOP
BOP Annular ............................................................. (1) Cameron 18-3/4” 10,000 psi annular preventer
BOP Handling ............................................................. (2) J D Neuhaus EH-75 BOP main hoists, rated 75mt each
Diverter ................................................................. Vetro KFDJ 500, 49-1/2” diverter rated to 500psi with 16” flow line, (2) 12” overboard, (1) 6” deluge and (1) 3” fill line

### Mooring Equipment

Mooring Winches ....................................................... (4) Mertrade electric winches rated at 31mt capacity 100mt brake holding
Anchor Lines .............................................................. 3000 ft x 1-1/2” galvanized wire rope
Anchors ....................................................................... (4) Flipper Delta anchor

### Cranes

Cranes ............................................................... (3) Favello Favco cranes, 50mt capacity, 120ft boom

### Special Features & Other Information

CTU .............................................................................. TSC 225mt Vertical Load and 25mt Lateral Load - hydraulic driven @ 4.66 m and 10.66 m from AFT transom
RPD System .............................................................. Yes and Single Cord Jacking system
Helideck ....................................................................... Rated for Sikorsky S-61 and S-92 helicopters. CAP 437

### Offline Systems:

Iron Roughneck ......................................................... (1) Cameron Jim 10 T-P-I Roughneck. 3-1/2” to 9-3/4” OD
MPC .............................................................................. FORUM MPC (Multi-Purpose Crane) of 6,000 lbs SWL at all radii, crane boom end is adapted for mounting of a 280-kg man-basket
OA Crane ...................................................................... OAC (Offline Activity Crane) Forum 10mt derrick mounted for offline pipe handling

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