Shelf Drilling Winner

400 Foot Jack-Up Drilling Unit

General Description

Design..... Friede & Goldman JU-3000N
Year Built / Last Upgrade.....2014
Hull Dimensions .....231 ft. x 277 ft. x 31 ft.
Legs (3)..... 555 ft. long triangular legs
Quarters Capacity .....150 persons
Maximum Water Depth .....400 ft.
Cantilever Envelope .....75 ft. by 30 ft.
Max Variable Load (drilling)..... Approx. 14,300 kips*

**depending on water depth and geographical location*

Drilling Equipment

Derrick	NOV Bolted Single Static Bottleneck 210 ft x 40 ft x 45 ft, static hook load capacity 2,500 kips with sixteen (16) 2" lines
Drawworks	NOV SSGD-1250-6900-57-100-10.5 AC Drawworks, 6,900 HP rated input power driven by six (6) 1,150 HP motors
Rotary Table	NOV RST-495 with hydraulic motor, 49-1/2 maximum opening, rated 2,000 kips (907 MT)
Top Drive	NOV TDX-1000 AC Top Drive, 2,000 kips rated to 91,500 ft.lbs maximum continuous torque at 116 RPM (or 70,000 ft.lbs at 150 RPM), outfitted with NOV PH150 make-up/break-out system
Pipe Handling	One (1) NOV ST-160 Iron Roughneck for handling tubular OD from 3-1/2 in to 10 in; one (1) NOV PS30 power slips, one (1) NOV Vertical Column Racker PRS-6is; two (2) NOV Foxhole; one (1) NOV Catwalk Machine CWS-P20-65LS; one (1) NOV PC1891KCE Knuckle-boom at cantilever, SWL 5.5 MT to 12 MT
Mud Pumps	Three (3) National Oilwell 14-P-220 triplex pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) AC motors rated 1,100 HP continuous
Solids Control	Five (5) VSM 300 shale shakers (including one used as a mud cleaner); one (1) NOV Gumbo Box; one (1) NOV Brandt SRC-3 desander with 3 x 12" cones; one (1) NOV Brandt SE-20 desilter with 20 x 4" cones
Instrumentation	NOV Smart Drilling Instrumentation (SDI) & DCDA Cyber-base drilling instrumentation

Storage Capacities

Liquid Mud (including slug pit)..... 7,847 bbls.
Base Oil..... 2,213 bbls.
Brine..... 2,213 bbls.
Drill Water ..... 11,255 bbls.
Potable Water ..... 4,082 bbls.
Fuel..... 5,185 bbls.
Bulk Mud (3 silos) .....9,000 cu.ft.
Bulk Cement (3 silos).....9,000 cu.ft.
Sack Storage ..... 5,000 sacks

Power Equipment

Main Power	Five (5) Caterpillar C-175-16 engines each rated 2,587 HP (1,930 KW) @ 1,200 rpm, driving ABB 2,340 kVA AC generators
Power Dist.	Fourteen (14) ABB VFD, total maximum continuous power 15,344 KW

Well Control Equipment

Diverter	GE KFDJ 1000, 36-1/2" maximum bore; 1,000 psi working pressure
BOP Stack	18-3/4 in. x 15K BOP stack comprising of two (2) Cameron Type TL double ram preventers and one (1) NOV Shaffer 10K annular preventer
BOP Handling	NOV SAB-300-180M Hydraulic Overhead Crane with 2 lift points on 1 Lifting Fork, total SWL 150 MT; two (2) NOV electric auxiliary BOP service hoists, total SWL 35 MT

Cranes

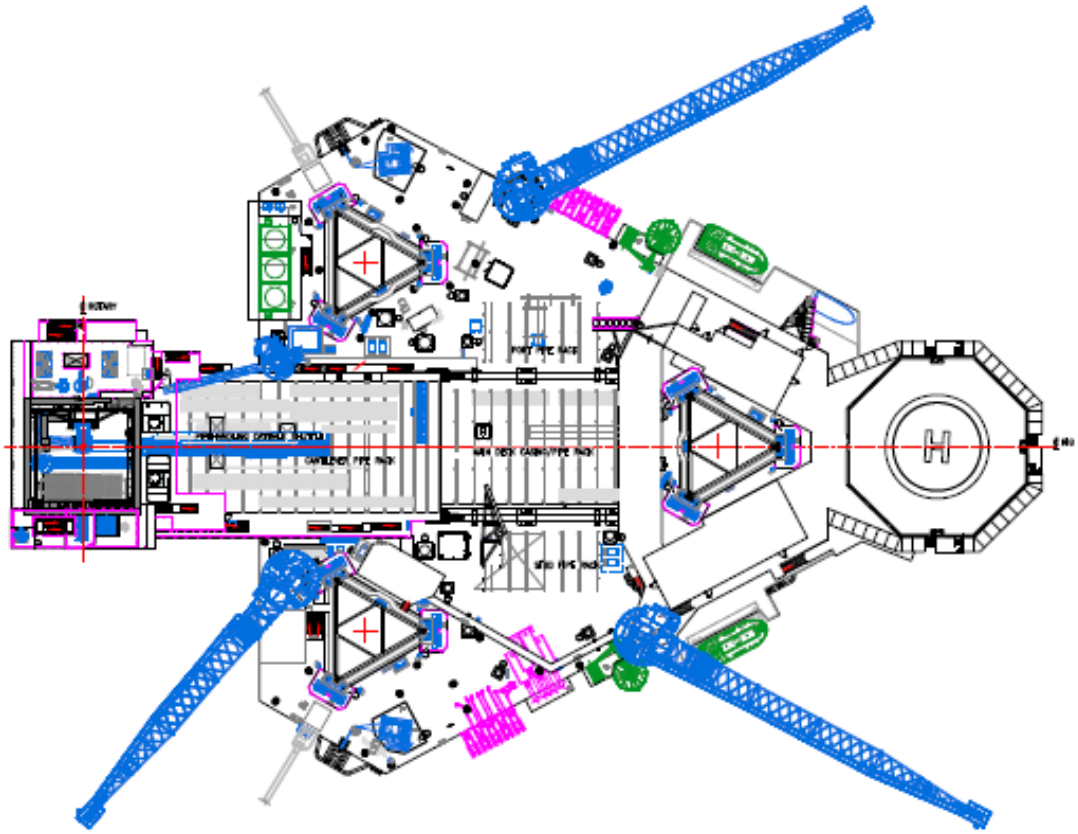
Three (3) NOV OC3000L CE pedestal cranes: 2 ea. with 151 ft boom (forward port & forward starboard) rated to 75 MT at 7.3 m & 1 ea. with 128.6 ft boom (starboard aft) rated to 75 MT at 6.5 m

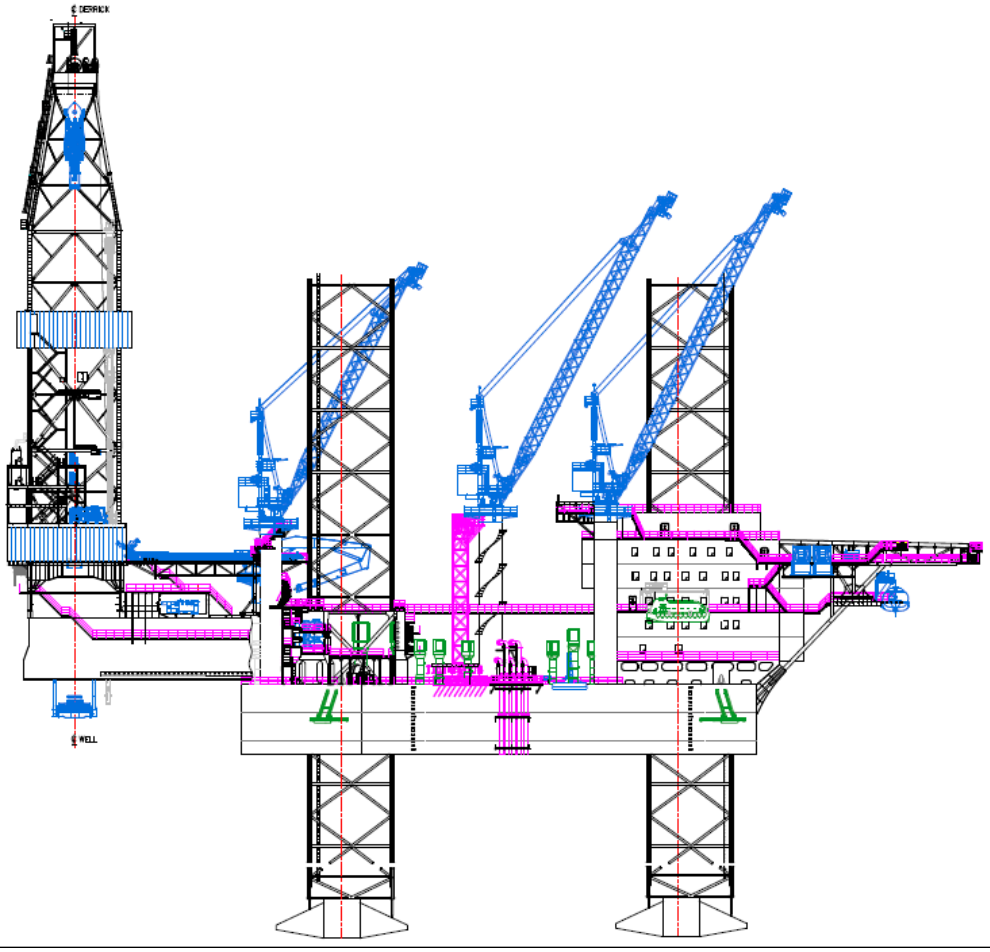
Special Features

Capable of making up and racking drill pipe stands (up to 6-5/8 in drill pipe with 4 joints of Range 2 or 3 joints of Range 3) and casing stands (up to 13-3/8 in casing) offline. MPD (Managed Pressure Drilling) system operational experience. Suitable for harsh environment working areas. Large deck space and storage capacities. UK Safety Case available.

*R-**Aug-2023***

SHELF DRILLING





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