

Shelf Drilling Resourceful 350 Foot Jack-Up Drilling Unit

General Description	
Design	LeTourneau Super 116-C
Year Built / Last Upgrade	2008 / 2017
Hull Dimensions	243 ft. x 206 ft. x 26 ft.
Legs (3)	477 ft. long square legs
Quarters Capacity	118 persons
Maximum Water Depth	350 ft.
Cantilever Envelope	70 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 8,000 kips*

**depending on water depth and geographical location*

Drilling Equipment	
Derrick	NOV Drecto bottleneck derrick, 170 ft high with 35 ft x 32 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-5/8" drilling lines.
Drawworks	NOV 1625 UDBE, 3,000 HP, driven by three (3) GE 752 DC motors each rated 1,130 HP continuous, outfitted with a Baylor 15050 auxiliary electric brake
Rotary Table	NOV D495, hydraulic, 1,000 short tons with 49-1/2 maximum opening
Top Drive	NOV TDS-8SA, 750 short tons, rated to 62,250 ft.lbs maximum continuous torque, outfitted with PH-100 pipe-handler
Pipe Handling	NOV Model 30120 Iron Roughneck for handling tubular OD range from 3-1/2" to 9-3/4"
Mud Pumps	Three (3) Lewco W-2214 triplex mud pumps 2,200 HP, 7500 psi working pressure, each pump is driven by two (2) DC motors rated 1,085 HP continuous
Solids Control	Four (4) NOV Brandt VSM 300 shale shakers; one (1) NOV Brandt Mud Conditioner with 3 x 12" cones & 24 x 4" cones installed on one of the above shakers
Instrumentation	MD Totco drilling instrumentation system

Storage Capacities	
Liquid Mud (including slug pits)	3,252 bbls.
Base Oil	1,124 bbls.
Brine	734 bbls.
Drill Water	11,300 bbls.
Fuel	2,024 bbls.
Bulk Mud (4 silos)	6,400 cu.ft.
Bulk Cement (3 silos)	4,800 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Four (4) Caterpillar 3516B-HD diesel each rated 2,150 HP @ 1,200 rpm and driving Baylor 1,500 KW AC generators
Power Dist.	Four (4) NOV IPS SCR System, 750 V AC
E-Gen	One (1) Caterpillar 3516B-HD engine rated 2,150 HP driving Baylor 1,500 KW AC generators (E-Gen power can be tied to the main power system).

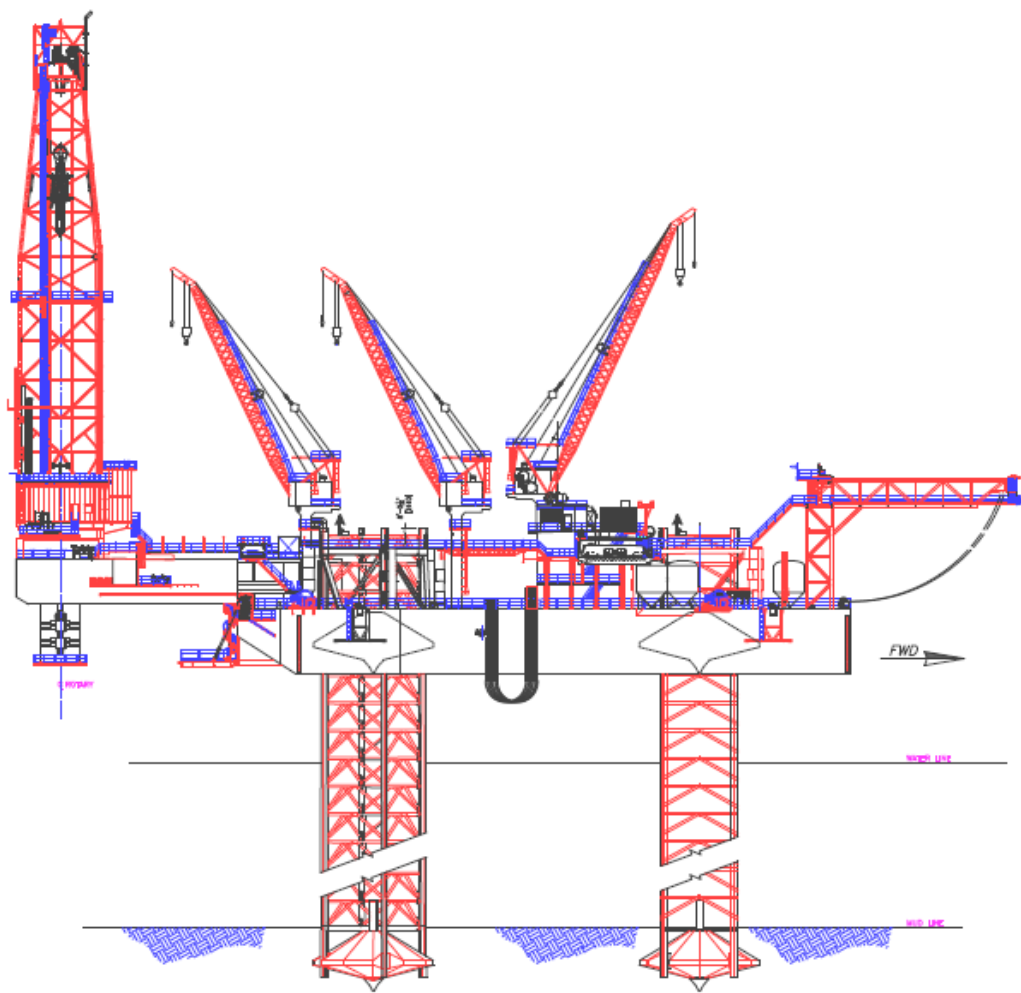
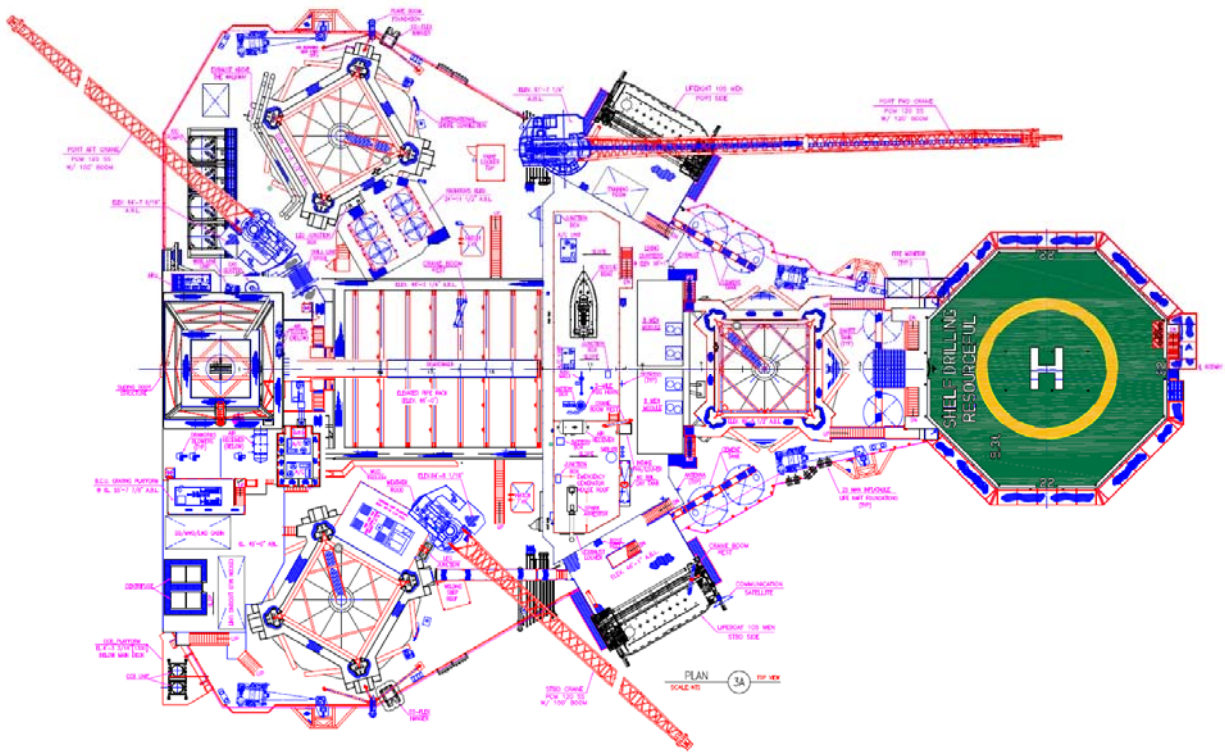
Well Control Equipment	
Diverter	One (1) Shaffer 30" diverter, 500 psi working pressure with two (2) 12" discharge lines
BOP Stack	One (1) Shaffer 21-1/4" 2K annular preventer; one (1) NOV T3 21-1/4" 2K double ram preventer One (1) Hydril GK 13.5/8" 5K annular preventer; two (2) Cameron Type U 13.5/8" 10K double ram preventer
BOP Handling	Two (2) Industrial Air Tools hoists system each rated to 75 metric tons, SWL 150 MT

Cranes	
Three (3) LeTourneau PCM-120SS cranes: two (2) cranes with 100 ft. boom (port aft & starboard) rated to 49.2 short tons at 22 ft radius and one (1) crane with 120 ft. boom (port forward) rated to 41.6 short tons at 25 ft. radius.	

R-Nov-2020



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Shelf Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



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