



Shelf Drilling Tenacious 375 Foot Jack-Up Drilling Unit

General Description

Design	Baker Marine Pacific Class 375
Year Built	2007
Hull Dimensions	236.5 ft. x 224.4 ft. x 27.9 ft.
Legs (3)	506 ft. long triangular legs
Quarters Capacity	120 persons
Maximum Water Depth	375 ft.
Cantilever Envelope	70 ft. by 30 ft.
Max Variable Load (drilling)	Approx. 7,500 kips*

**depending on water depth and geographical location*

Drilling Equipment

Derrick	Bailys Derrick Services, 160 ft high with 35 ft x 35 ft base, static hook load capacity 1,500,000 lbs. with fourteen (14) 1-5/8" drilling lines.
Drawworks	NOV Drecto D3000UE AC 3,000 HP rated input power driven by three (3) Baylor motors each rated 1,350 HP continuous
Rotary Table	National Oilwell D-495, hydraulic, 750 short tons with 49-1/2" maximum opening
Top Drive	NOV Hydralift Power Swivel HPS-750-E-AC, 750 short tons, rated to 65,450 ft.lb. maximum continuous torque, with NOV Hydralift HPS 750-EAC Torque Wrench
Pipe Handling	NOV Hydra-Tong MPT-200 for handling tubular OD range from 3-1/2" to 9-3/4"
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) Baylor motors rated 1,350 HP continuous
Solids Control	Four (4) Brandt VSM-300 dual deck balanced elliptical motion shale shakers; one (1) Brandt VSM-300 Desander with 2 cones; one (1) Brandt VSM-300 Desilter with 16 cones
Instrumentation	NOV Hitec Cyber-base drilling instrumentation

Storage Capacities

Liquid Mud	4,196 bbls.
Base Oil	1,145 bbls.
Brine	1,290 bbls.
Drill Water	10,203 bbls.
Fuel	3,654 bbls.
Bulk Mud	5,826 cu.ft.
Bulk Cement	5,826 cu.ft.
Sack Storage	5,000 sacks

Power Equipment

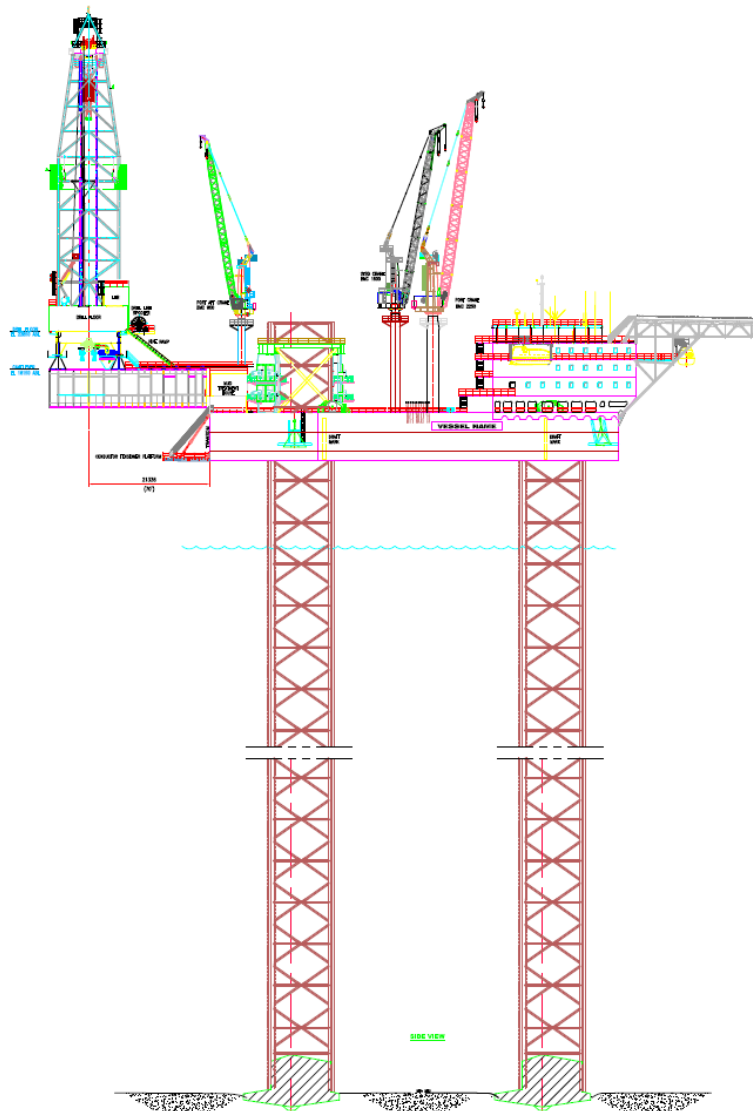
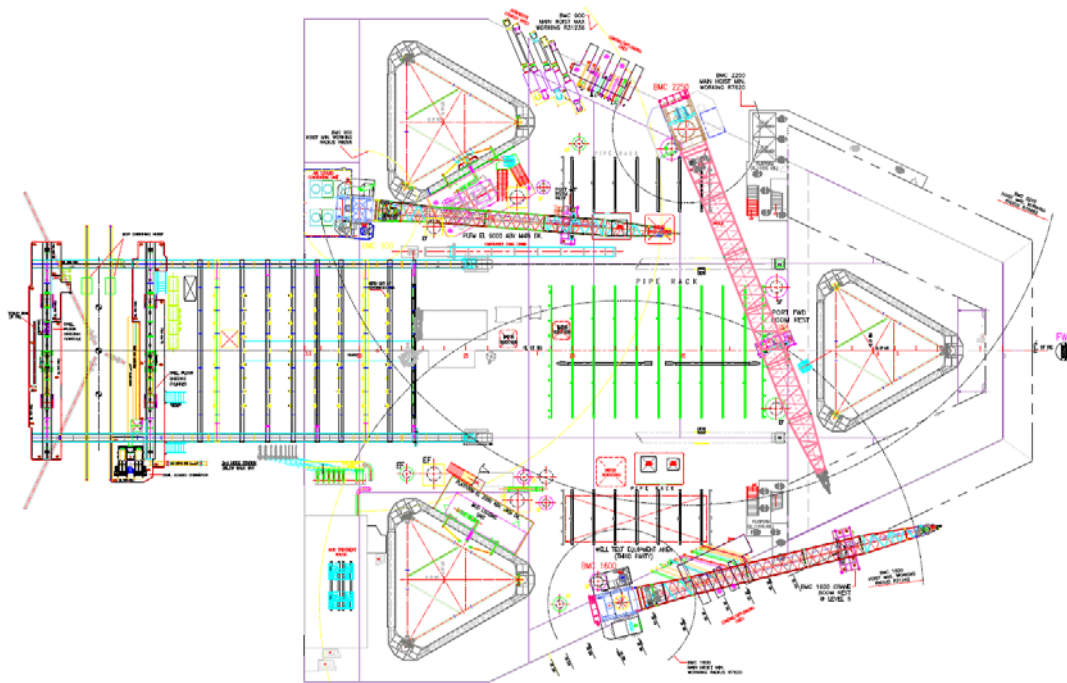
Main Power	Five (5) Caterpillar 3516B-HD DITA diesel engines each rated 2,150 HP @ 1,200 rpm and driving Baylor 1,720 KW AC generators
Power Dist.	ABB ACS 800 AC drilling system with VFD for 10 motors and 3 braking resistors, 7,500 KW total maximum continuous power

Well Control Equipment

Diverter	ABB Vetco Gray KFDJ diverter 750 psi WP, 49-1/2" maximum bore with two (2) 12" discharge lines
BOP Stack	One (1) Hydril GX 18-3/4" 10K annular preventer; two (2) Hydril 18-3/4" 15K double ram preventers. <i>(Note: A 13-5/8" 10K BOP stack can be provided if preferred by Client.)</i>
BOP Handling	Two (2) JD Neuhaus EH-60T hoists system each rated to 60 metric tons, SWL 120 MT

Cranes

One (1) Baker Marine BMC 2250 crane with 120 ft boom rated 55 short tons at 25 ft. radius; one (1) Baker Marine BMC 1600 crane with 100 ft boom rated 45 short tons at 25 ft. radius; and one (1) Baker Marine BMC 900 crane with 100 ft boom rated 25 short tons at 20 ft. radius.



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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.