



Shelf Drilling Tenacious

375 Foot Jack-Up Drilling Unit

General Description	
Design	Baker Marine Pacific Class 375
Year Built / Last Upgrade	2007 / 2022
Hull Dimensions	236.5 ft. x 224.4 ft. x 27.9 ft.
Legs (3)	506 ft. long triangular legs
Quarters Capacity	150 persons
Maximum Water Depth	375 ft.
Cantilever Envelope	85 ft. by 30 ft. (with 15 ft. extension)
Max Variable Load (drilling)	Approx. 10,000 kips*
<i>*depending on water depth and geographical location</i>	

Drilling Equipment	
Derrick	Bailys Derrick Services, 187 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	Cameron Top Drive TD-750-AC-1M-C, 750 short tons, with a GE Model GBB28 1,500 HP motor, rated to 76,500 ft.lb. maximum continuous torque at 102 RPM
Pipe Handling	Two (2) Sr. Hawk Jaw 100K-2GSR. for tubular OD from 9-1/2" to 4" OD (one for main rotary & one for offline); one (1) Forum 22K-OAC-R Offline Activity Crane 22,000 lbs SWL; one (1) offline mousehole for handling tubular up to 9-5/8" OD; two (2) Forum Multi-Purpose Cranes rated 15,000 lbs SWL
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) MI Swaco MD-2 dual deck balanced elliptical motion shale shakers
Instrumentation	NOV Hitec Cyber-base drilling instrumentation

Storage Capacities	
Liquid Mud (including slug pit)	4,196 bbls.
Base Oil	2,634 bbls.
Brine	1,290 bbls.
Drill Water	10,213 bbls.
Fuel	4,174 bbls.
Bulk Mud (3 silos)	5,827 cu.ft.
Bulk Cement (3 silos)	5,827 cu.ft.
Sack Storage	5,000 sacks

Power Equipment	
Main Power	Five (5) Caterpillar 3516B-HD DITA engines each rated 2,150 HP @ 1,200 rpm 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 max continuous power

Well Control Equipment	
Diverter	ABB Vetco Gray KFDJ 500 psi WP, 47" maximum bore and 27-1/2" min through bore, with two (2) 12" overboard lines
BOP Stack	One (1) Hydril GL 13-5/8 5,000 psi annular preventer; two (2) Cameron Type U 13-5/8" 10K double ram preventers
BOP Handling	Two (2) JD Neuhaus EH-60T hoists 60 MT, SWL 120 MT

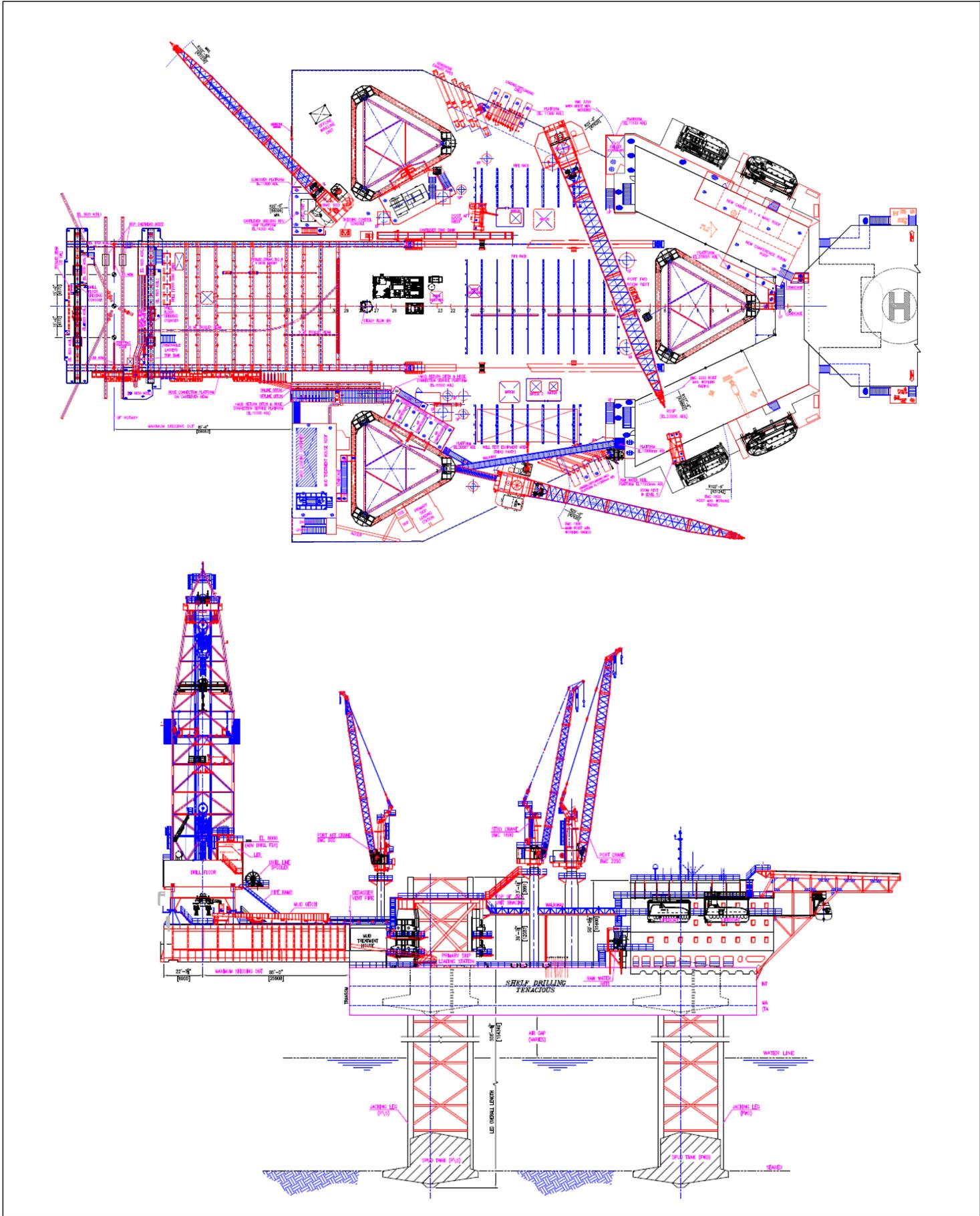
Cranes	
One (1) BMC 2250 crane 120 ft boom rated 55 short tons at 25 ft. radius; one (1) BMC 1600 crane 100 ft boom rated 45 short tons at 25 ft. radius; and one (1) BMC 900 crane 100 ft boom rated 25 short tons at 20 ft. radius.	

Special Features	
Extended cantilever reach for up to 85 ft aft. Capable of making up & racking drill pipe stands offline. Capable of in-field moves with 299 kips of tubular in the derrick subject to acceptable weather.	

R-Feb-2022 (10K)



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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