



# Shelf Drilling Victory

## 375 Foot Jack-Up Drilling Unit

General Description	
<b>Design</b> .....	Baker Marine Pacific Class 375
<b>Year Built / Last Upgrade</b> .....	2008/2023
<b>Hull Dimensions</b> .....	239.8 ft. x 224.4 ft. x 28 ft.
<b>Legs (3)</b> .....	506 ft. long triangular legs
<b>Quarters Capacity</b> .....	120 persons
<b>Maximum Water Depth</b> .....	375 ft.
<b>Cantilever Envelope</b> .....	70 ft. by 30 ft.
<b>Max Variable Load (drilling)</b> .....	Approx. 7,500 kips*
<i>*depending on water depth and geographical location</i>	

Drilling Equipment	
<b>Derrick</b>	NOV Bolted H-Beam derrick, 187 ft high with 35 ft x 35 ft base, static hook load capacity 1,600,000 lbs. with fourteen (14) 1-5/8" lines
<b>Drawworks</b>	NOV D3000-UEDB DC drawworks, 3,000 HP rated input power driven by three (3) motors each rated 1,130 HP continuous with Baylor 5250 auxiliary brake
<b>Rotary Table</b>	NOV D-495, 49-1/2 maximum opening rated to 1,500 kips, with Haglund's hydraulic motor rated to 35,000 ft.lb. maximum continuous torque at 25.5 rpm
<b>Top Drive</b>	NOV TDS-8 SA, AC top drive, 750 short tons, 1,150HP rated to 62,500 ft.lb. maximum continuous torque, outfitted with PH-100 pipe-handler
<b>Pipe Handling</b>	One (1) NOV ST-120 Iron Roughneck; one (1) PS-21 Power Slips; one (1) NOV Bridge Racker system, SWL 6000 kg for handling stands of drill pipes and drill collars with OD range from 3-1/2" to 6-1/2"
<b>Mud Pumps</b>	Three (3) NOV 14-P-220 triplex pumps 2,200 HP, 7,500 psi working pressure, each pump is driven by two (2) GE 752 DC motors rated 1,130 HP continuous
<b>Solids Control</b>	Five (5) Derrick Dual Pool Model DP-626 shakers; one (1) Derrick desander with 4" hydro-cyclones; one (1) Derrick desilter with 10" hydro-cyclones
<b>Instrumentation</b>	NOV Cyber-base drilling instrumentation

Storage Capacities	
<b>Liquid Mud (including slug pit)</b> .....	4,282 bbls.
<b>Base Oil</b> .....	1,274 bbls.
<b>Brine</b> .....	1,290 bbls.
<b>Drill Water (including combined tanks)</b> .....	7,135 (22,356) bbls.
<b>Potable Water</b> .....	3,557 bbls.
<b>Fuel</b> .....	3,930 bbls.
<b>Bulk Mud (3 silos)</b> .....	5,826 cu.ft.
<b>Bulk Cement (3 silos)</b> .....	5,826 cu.ft.
<b>Sack Storage</b> .....	5,000 sacks

Power Equipment	
<b>Main Power</b>	Six (6) Caterpillar 3516B-HD engines each rated 2,150 HP @ 1,200 rpm, driving Baylor 2,500 kVA AC generators
<b>Power Dist.</b>	Five (5) Ross Hill Type 1860 SCR units, 750 volts DC
<b>Emer. Power</b>	One (1) Caterpillar 3508 engine rated 1,222 HP @ 1800 RPM driving a Leroy Sommer @1140 kVA AC generator

Well Control Equipment	
<b>BOP Stack</b>	One (1) Hydril GX 13-5/8" 10K annular preventer and two (2) Cameron Type U 13-5/8" 10K double ram preventers
<b>BOP Handling</b>	Two (2) Ingersoll Rand hoists Model BS150LC2A6, each rated 75 short tons. Total SWL 150 short tons.

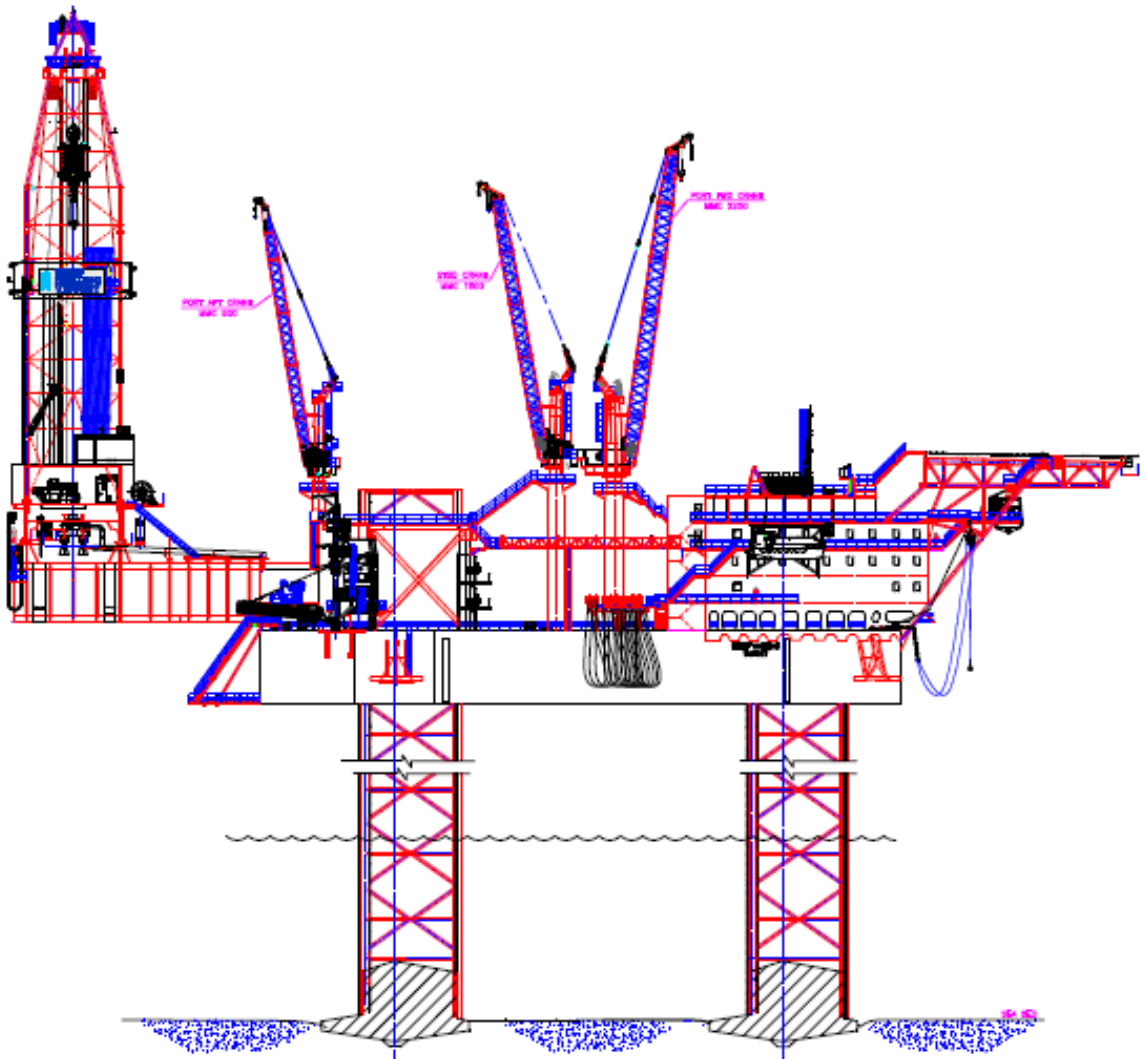
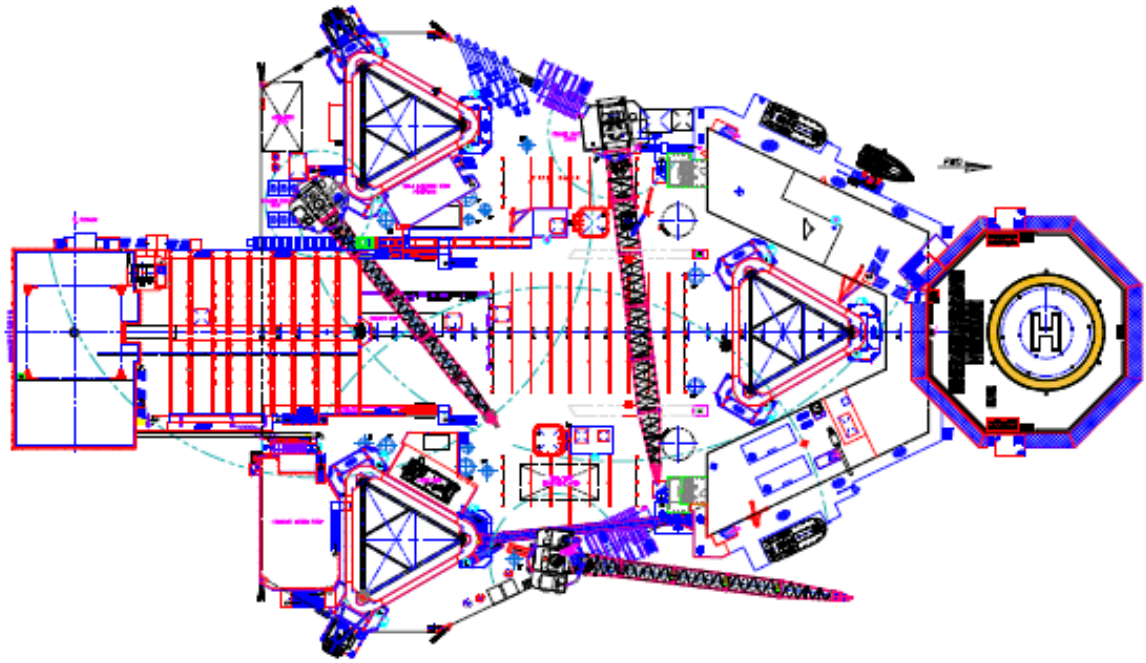
Cranes	
One (1) Baker Marine 2250D crane at port-forward 120 ft boom rated 55 short tons at 25 ft.; one (1) Baker Marine 1600D crane at starboard side 120 ft boom rated 45 short tons at 25 ft.; and one (1) Baker Marine 900D crane at port-aft 100 ft boom rated 25 short tons at 20 ft.	

Special Features	
Capable for in-field rig move with 300 kips of tubular in the derrick subject to acceptable weather conditions. Outfitted with NOV derrick stand building system.	

*R-Mar-2024 (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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