



Trident XIV 300 Foot Jack-up Drilling Unit

General Description	
Design	Baker Marine BMC 300 IC
Hull Dimensions	212 ft. by 210 ft. by 26 ft
Legs (3)	423 ft. long Triangular
Quarters Capacity	115 persons
Maximum Water Depth	300 ft.
Jacking System	Baker / Gear boxes and pinion
Cantilever Envelope	45 ft. by 24 ft.
Maximum Variable Load (Drilling)	3,125 ST

Drilling Equipment	
Derrick	Pyramid 160 ft. x 30 ft. x 30 ft., static hook load of 1,044 kips with 12 lines
Drawworks	Gardner Denver E2100, 1,600 HP driven by two (2) GE 752 DC motors, 1-3/8 in. drilling line, with Elmagco 7838 auxiliary brake
Rotary Table	Gardner Denver RT rated 650 ST, 37-1/2 in. opening, driven by GE 752R Shunt 800 hp motor
Top Drive	Varco TDS-4H, 1,100 HP, rated to 45,500 ft.lbs. continuous torque on low gear, outfitted with Varco PH-85 pipe-handler system
Tubular Handling	Hawk Jaw Hanging unit for tubular OD size 3-1/2 in. to 9-1/2 in.
Mud Pumps	Three (3) Gardner Denver PZ11, 5,000 psi triplex pumps, each driven by two GE 752 shunt 800 HP DC motors
Solids Control	Four (4) Derrick FLC 513 Flow-Line Cleaner shale-shakers 500 GPM.

Storage Capacities	
Liquid Mud	2,056 bbls (usable)
Drill Water	5,430 bbls
Base Oil	962 bbls
Fuel	5,596 bbls
Bulk Mud	3,390 cu. ft
Bulk Cement	3,390 cu. ft.

Power Equipment	
Main Power	Five (5) Caterpillar D399TA rated 1,215 HP driving four (4) Kato 1,050 kW and one (1) General Electric 1,050 kW AC generators
Power Dist.	Six (6) Hill Graham and three (3) Cegelec Alstom SCR, 750 volts 3,320 kW

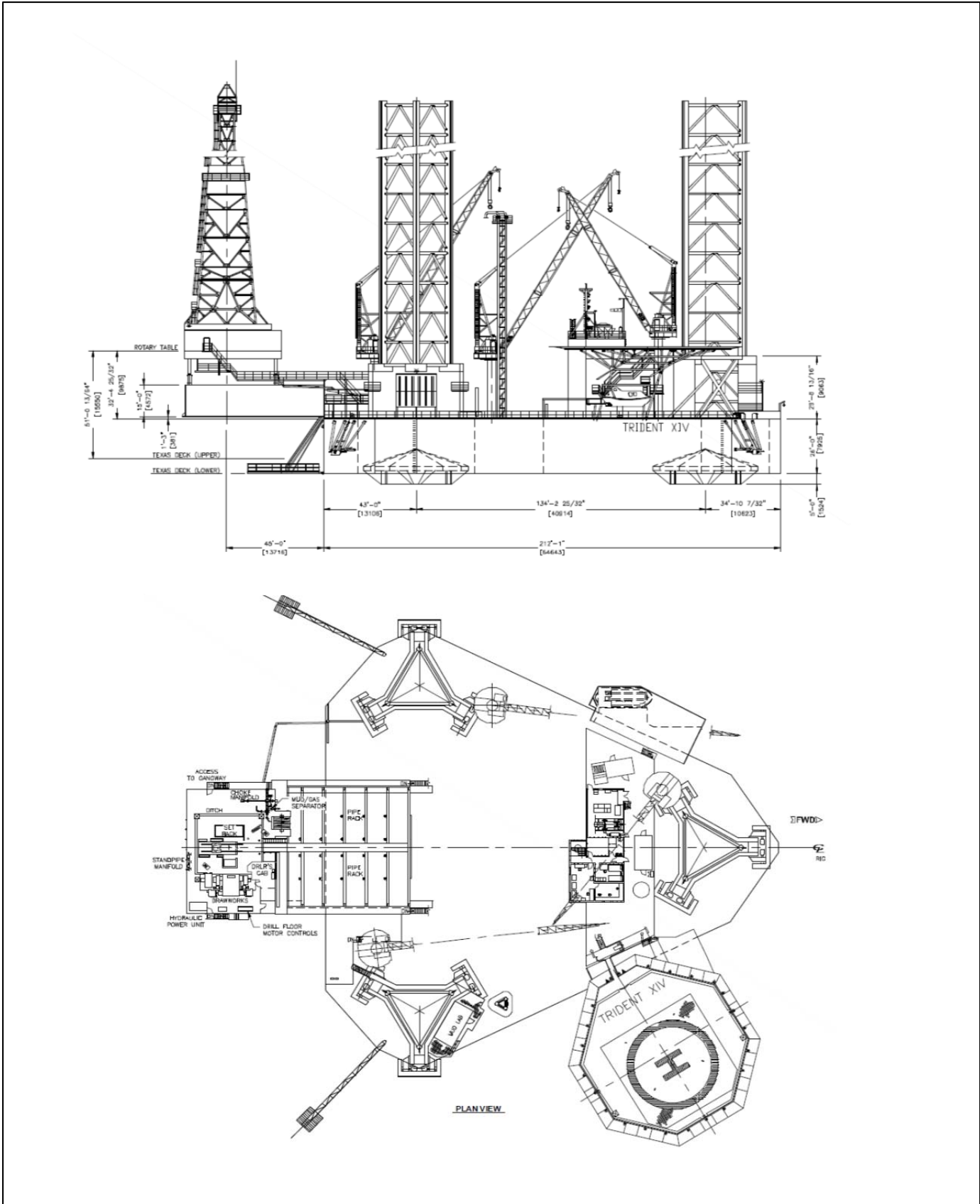
Well Control Equipment	
Diverter	Regan KFDJ diverter, 500 psi, 27-1/2 in. maximum bore
21-1/4 in. BOP	One (1) Hydril GK annular preventer 2,000 psi; one (1) Cameron Type U double preventer 2,000 psi
13-5/8 in. BOP	One (1) Hydril GK annular preventer 5,000 psi; two (2) Cameron Type U double preventers 10,000 psi

Cranes	
	Three (3) Baker 900 pedestal cranes with 100 ft. boom rated to 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 standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.



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