



Comet 250 Foot Jack-Up

General Description	
Design	Sonat Offshore cantilever jackup.
Year Built	1980
Hull Dimensions	175ft. x 152 ft. x 21 ft.
Legs (4)	357 ft long triangular
Quarters Capacity	92 persons
Maximum Water Depth	250 ft.
Cantilever Envelope	40 ft. by 20 ft.
Maximum Variable Load (drilling)	Approx. 4,000 kips* <i>*depending on water depth and geographical location</i>

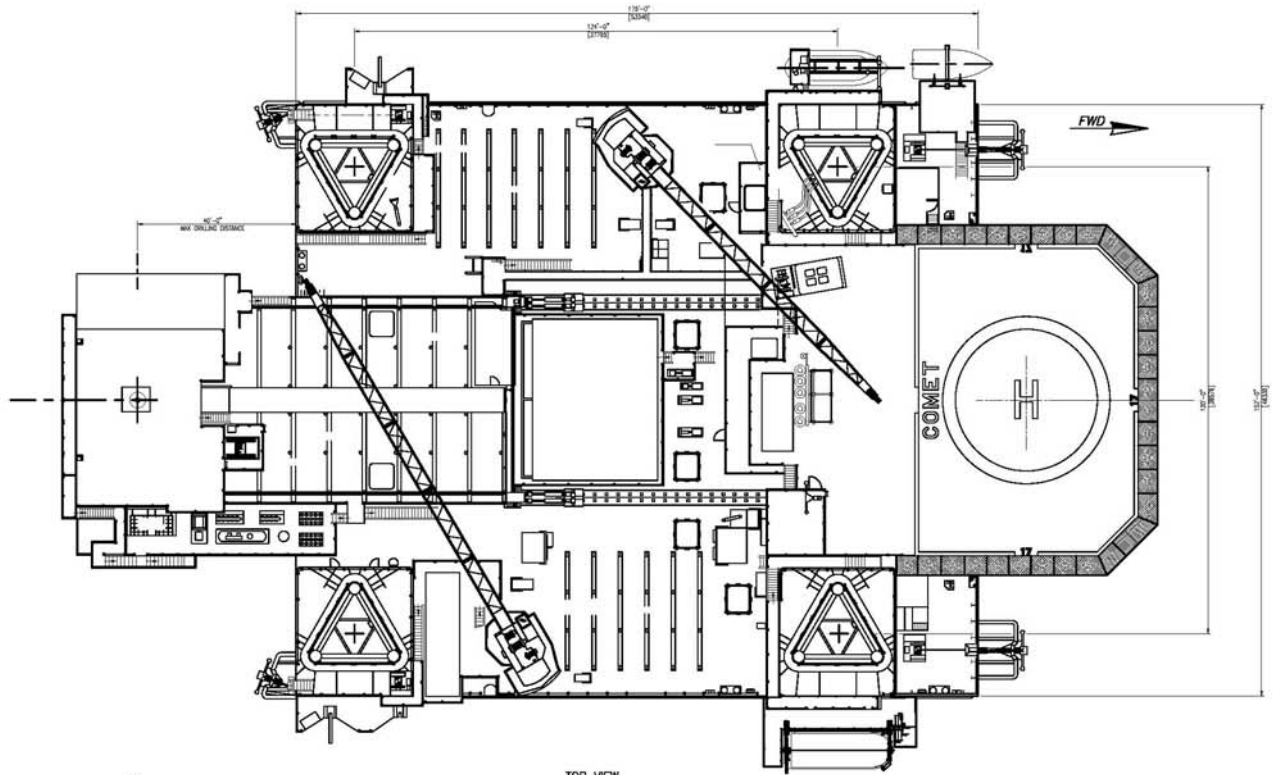
Drilling Equipment	
Derrick	BSI Continental Emsco 160 ft. x 30 ft. x 30 ft.; static hook load capacity 1,000 kips with twelve (12) lines
Drawworks	National 1320-UE, 2,000 HP driven by two EMD D-79 DC motors 800 HP each, outfitted with Baylor 7838 electric brake
Rotary Table	National C-375, 37-1/2 in. with independent drive using a EMD D-79 800 HP DC motor with two speed transmission
Top Drive	Varco TDS-3H, 500 short tons, rated to 30,000 ft. lbs. maximum continuous torque in low gear, with PH-60 pipe-handler
Mud Pumps	Two (2) Continental Emsco FB-1600 triplex pumps, 1,600 HP, each driven by two (2) EMD D-79 800 HP DC motors, rated to 5,000 psi working pressure
Solids Control	Three (3) Derrick FLC 2000 Series 3 Panel shale shakers with one of the shakers is fitted with 3 x 10" cones to serve as desander and 16 x 4" cones to serve as desilter; one (1) Swaco Model H-48C00011 mud cleaner with 8 x 4" cones

Storage Capacities	
Liquid Mud	2,144bbls.
Drill Water	5,961bbls.
Potable Water	1,414 bbls.
Fuel	1,716 bbls.
Bulk Mud	4,100cu.ft.
Bulk Cement	4,100cu.ft.

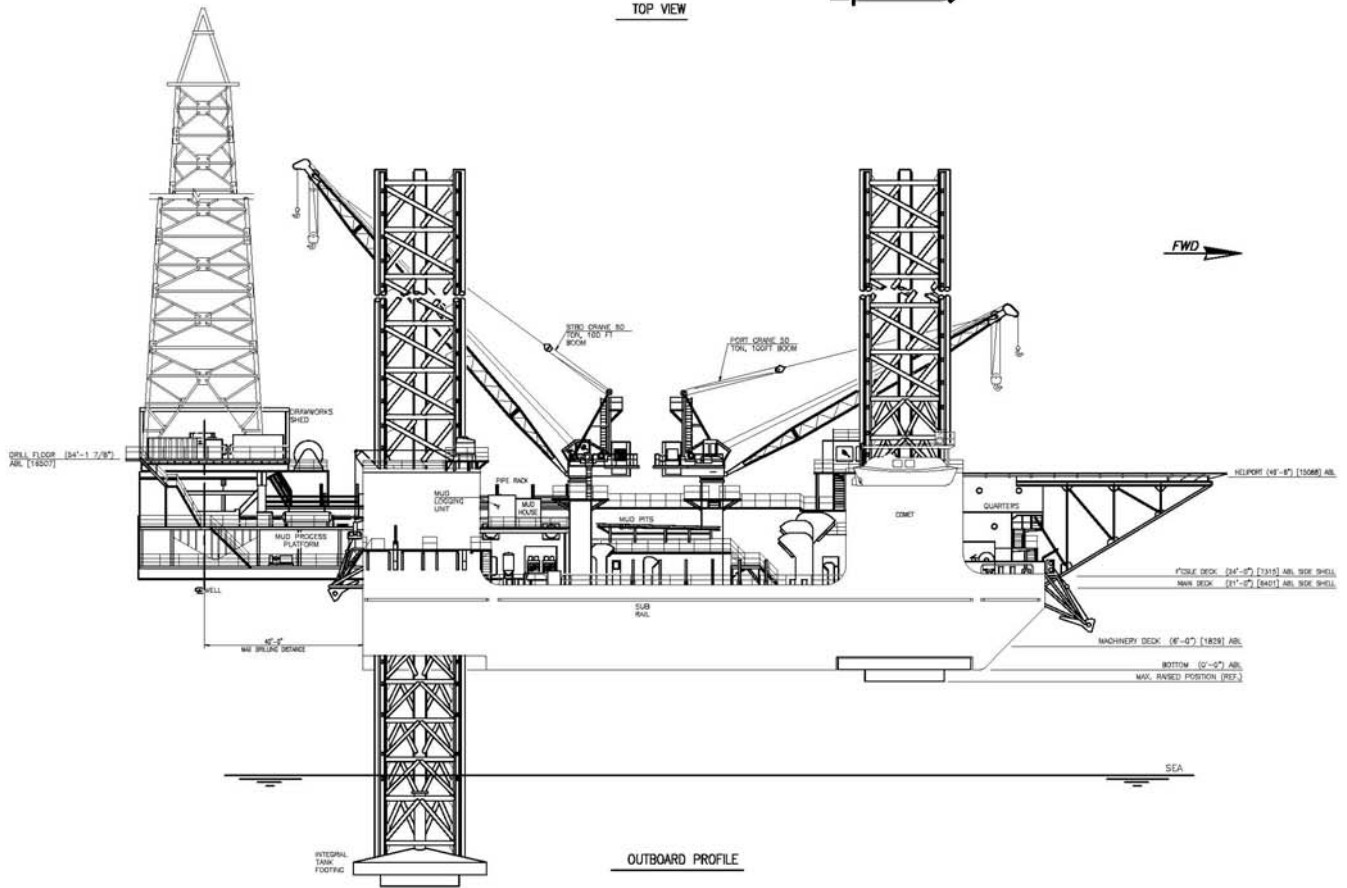
Power Equipment	
Main Power	Five (5) Caterpillar D-399TA diesel engines, 1,215 HP each, driving KATO 1,000 KW 600 volts AC generators
Power Dist.	Four (4) Ross Hill SCR units 750 volts (#1 rated to 2,200 AMPS; #2 rated to 1,800 AMPS)

Well Control Equipment	
Diverter	GE Vetco Gray KFDJ, 2,000 psi, 32" maximum bore
21-1/4 in. BOP	One (1) Hydril MSP 21-1/4 in. 2,000 psi annular preventer; two (2) Cameron Type U 21-1/4" 2,000 psi single ram preventers
13-5/8 in. BOP	One (1) Hydril GK 13-5/8 in. 5,000 psi annular preventer; one (1) Cameron Type U 13 5/8" 10,000 psi double ram preventer; one (1) Cameron Type U 13 5/8" 10,000 psi U single ram preventer
BOP Handling	4 x Ingersoll Rand / Hercu-link hoists, 100 short tons SWL

Cranes	
One (1) NOV Model 10000 HD diesel powered hydraulic crane with 100 ft boom, rated to 44.9 short tons @ 22 ft radius;	
One (1) Hercules HSMC Rotocrane Model 484 with 100 ft boom, rated to 21 short tons @ 27 ft radius	



TOP VIEW



OUTBOARD PROFILE

Comet

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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 Shell Drilling policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.