

GSP SATURN



GENERAL

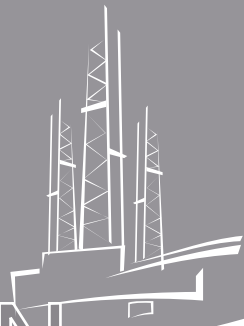
Year built	1988
Major Upgrades	2009
Design	Sonnat Offshore Company.
Previous Name	N/A
Flag	Panama
Classification Agency	American Bureau of Shipping
Dimensions	172 ft x 134 ft x 21 ft
Tranzit Draft	32 ft
VDL - Operating	4409 kips
VDL - Survival	3940 kips
Outfitted Max WD	300 ft
Min WD	32 ft
Leg Length	400 ft
- usable below hull	355 ft
Leg Spacing	126 ft longitudinal, 109 ft transversal
Spudcan Diameter	38.83 ft
Max Drilling Depth	30,000 ft
Cantilever Envelope	55 ft aft x 20ft transverse
Max. Combined Load	1,168 kips
Quarters	100 packs
Helideck Size	80 ft x 80 ft
Helideck Capacity	16,310 lbs
Helideck Certification	IMO

DRILLING PACKAGE

Driller Cabin	Amphion NOV - Control System, Dual Chairs
Derick (SWL)	1,000 kips
Racking Capacity	25,000 ft 5 1/2" DP
Drawworks	ADS 10 D NOV Automated Drawworks System
Rotary Table	Upetrom 37 1/2"
Top Drive	Varco TDS 8 SA, 750 Ton
- continous torque	62,250 ft lbs
Pipe handling	PRS 8i
	Catwalk P10-45LS
	Fingers Board
	HPU ring system
	Iron Roughneck AR 3200 NOV
	Power Slips PS-21 NOV
	BX 4-75 Hydraulic Elevator NOV
	HC-26 EV Dual Cathead NOV
	Fox hole spider



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MUD SYSTEM

Pressure Rating	7,500 psi
Pumps	3 ea triplex 1600 HP x 7,500 psi, UPETROM
Solid Control	4 nos Shale Shakers Swaco Mongoose PT Dual Motion 1 Mud Cleaner Swaco, 1000 GPM 2 ea Brandt HS 3400 Variable Frequency Drive Centrifuges VG-1 Vacuum Degaser Brandt, H ₂ S Service MGS Brandt, H ₂ S Service Lobestar Shear Mixer

CAPACITIES

Diesel	1,595 bbls
Drill water	3,482 bbls
Potable water	1,272 bbls
Bulk Product	9,220 cu ft
Sack Storage	1,000 sx (covered area)
Base Oil	920 bbls
Brine	921 bbls
Liquid Mud	1,880 bbls
Mud pits (excl. slug/mix)	4

WELL CONTROL

Diverter	29 1/2" MSP 500
Low pressure BOP	1 ea 21 1/4" x 2,000 psi annular 2 ea 20 3/4" x 3,000 psi double ram
High pressure BOP	1 ea 13 5/8" x 10,000 psi annular T3 Energy Services 1 ea 13 5/8" x 15,000 psi double ram T3 Energy Services 1 ea 13 5/8" x 15,000 psi single ram T3 Energy Services
Choke & Kill Manifold	15,000 psi, 2 automatic + 1 manual chokes, HP, HT, H ₂ S Service

CRANES

Pedestal Cranes	2 ea AmClyde Model 10000 National Oil Well 1 ea AmClyde Model 5550 HDD National Oil Well
API SWL	40 MT @ 39.37 ft 25 MT @ 23.62 ft 4 ea 25 MT air hoist Ingersoll Rand

POWER

Main Engines	5 ea CAT 3512 3JA 2B DI-TA
Total Power	8,430 HP
Main Generators	5 ea Leroy Somer LSA 50.1
Emergency Power	1 ea CAT C18 DI-TA 587 HP





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OTHER

Mooring System 2 ea 20 T winches

TUBULARS

Drill pipes 12,000 ft 5 1/2", 21.09 lb/ft S-135

FEATURES

15 K HP & HT Choke & Kill lines, H₂S Service
15 K cementing lines + cementing manifold
Dual mud system 7,500 psi
Zero pollution system
Deluge system

