



## GENERAL DESCRIPTION

<b>Rig type:</b>	Four legs, self elevating unit, cantilever type
<b>Design:</b>	Sonnat Offshore Company
<b>Builder:</b>	Galați Shipyard, Romania
<b>Year built:</b>	1987, rebuilt in 2007
<b>Classification:</b>	ABS
<b>Flag:</b>	Malta
<b>Accommodation:</b>	95 + 2 Hospital
<b>Max. Drill Depth:</b>	30,000 ft
<b>Max. Water Depth:</b>	300 ft (91 m)
<b>Helideck:</b>	80 x 80 ft, rated for PUMA SA 330 B
<b>Operating Conditions:</b>	Wave: 30 ft @ 12 sec; Wind: 50 knots; Surface Current: 2 knots
<b>Storm Conditions:</b>	Wave: 39 ft @ 10 sec; Wind: 86 knots; Surface Current: 2 knots

## VESSEL DIMENSIONS

<b>Length:</b>	172 ft / 52.42 m
<b>Breadth:</b>	134 ft / 40.84 m
<b>Depth:</b>	21 ft / 6.40 m
<b>Ocean Transit Draft:</b>	32 ft / 9.75 m
<b>VDL - Operating:</b>	2,200 st / 2,000 mt

## STORAGE CAPACITIES

<b>Liquid Mud:</b>	1,880 bbls / 10,555 cu ft / 299 m <sup>3</sup>
<b>Drill Water:</b>	3,302 bbls / 18,539 cu ft / 525 m <sup>3</sup>
<b>Potable Water:</b>	1,272 bbls / 7,142 cu ft / 202.3 m <sup>3</sup>
<b>Fuel Oil:</b>	1,640 bbls / 9,208 cu ft / 260.8 m <sup>3</sup>
<b>Bulk Mud:</b>	4,620 cuft / 131 m <sup>3</sup>
<b>Bulk Cement:</b>	4,620 cuft / 131 m <sup>3</sup>
<b>Sack Material:</b>	1,000 sac

## DRILLING EQUIPMENT

<b>Derrick:</b>	Hollandia, 166.9 ft x 45 ft x 30 ft; 1,000 kips static hook load
<b>Drawworks:</b>	Upetrom, TFM-55E, 2,500 HP; EDS Brakes Varco
<b>Top Drive:</b>	NOV, TDS 11 SA - 500 tons
<b>Driller's Cabin:</b>	Double Chairs, X-Com Sense EDM
<b>Rotary:</b>	Upetrom, MRL-375, 37 1/2 in opening, independent drive
<b>Pipe Handling:</b>	NOV IR-3080 Iron Roughneck NOV X-Racker (double arms) Telescopic Mousehole SENSE EDM Automatic finger board Blohm+Voss air operated elevator
<b>Mud Pumps:</b>	3 x Triplex x 1,600 HP each, 7,500 PSI WP
<b>Shale Shakers:</b>	4 no x Mongoose Swaco, PT Dual Motions
<b>Desilter &amp; Desander:</b>	1 x Swaco, 16 x 4 in cones, 1,000 gpm
<b>Mud Cleaner:</b>	Mongoose PT Dual Motions
<b>BOP:</b>	1 x Stack 13 - 5/8 in T3 Energy composed of annular 10 K + 4 Rams 15 K, 1 x Stack 20 - 3/4 in T3 Energy composed of annular 5 K + 2 Rams
<b>Diverter:</b>	Hydrill 29 1/2 in x 500 psi with 2 x 12 in hydraulic valves
<b>Control System:</b>	5 KCPC Koomey type 80 06/S82-3761-4335, 3,000 psi
<b>Choke &amp; Kill:</b>	1 x 3 in x 15 K choke manifold with 2 x 3 - 1 / 16 in x 15 K remote control choke 2 x 3 - 1 / 16 in x 15 K manual chokes
<b>Cementing:</b>	Schlumberger Cementing Unit (Third Party)

## MOORING EQUIPMENT

<b>Winches:</b>	2 ea x 20 to, B type, electric drive
<b>Wire / Chain:</b>	1 1/4 in x 300 m
<b>Anchors:</b>	2 x 4.5 to Hall





## MACHINERY

<b>Main Power:</b>	5 x Caterpillar 3512 DITA, 8,430 HP total, 600 V, AC
<b>Emergency Power:</b>	1 x Caterpillar C-18, 587 HP, 400 V, AC
<b>Power Distribution:</b>	9 x Siemens SIMOREG DC Master 6 RA 7093-4 KS 22-0-2, 600 V
<b>Deck Cranes:</b>	2 x AmClyde 10000 x 70 ft, 40 mt @ 14.4 ft 1 x AmClyde 10000 LD x 100 ft, 25 mt @ 18.7 ft

## JACK-UP SPECIFICATIONS

<b>Legs:</b>	Triangle; 4 x 399 ft usable below hull = 352.75 ft
<b>Leg Spacing:</b>	Longitudinal 126 ft; Transverse 109 ft
<b>Spud Cans:</b>	38.83 ft diameter x 8.11 ft height
<b>Jacking System:</b>	Orion Class Pin & Hole
<b>Cantilever / Slot:</b>	Cantilever 55 ft x 20 ft

