

PRIDE AFRICA

GENERAL

Rig type	Dynamically-Positioned Drillship
Design	Gusto Engineering Gusto 10000, converted Russian Navy hull, self-propelled
Overall dimensions	680 x 98 x 63 ft
Accommodations	162 persons

OPERATING PARAMETERS

Water depth	10,000 ft (design) 6,000 ft (outfitted)
Maximum drill depth	30,000 ft
Transit speed	10 knots

MACHINERY

Main power	6 x Wartsila Vasa 12V-32 6,600hp main engines, each driving 1 x Leroy Somer 6,700kVA ac generator
Power distribution	Hyundai switchboard; Merlin Gerin switchgear
Emergency power	1 x Caterpillar 3516, 2,250kVA

DRILLING EQUIPMENT

Derrick	Joseph Paris 180 x 48 x 48 ft, 725 mt static hook load capacity with 16 lines, 650 mt setback
Crown block	Aker Maritime, 725 mt capacity, eight sheaves grooved for 1-5/8 in drill line
Drawworks	Dreco 8SGB 750 GE, 4,400 hp
Rotary	National D-605, 1,125 mt, 50,000ft.lbs at 75 rpm
Traveling equip.	Block: Dreco 760 TB750, 680 mt Swivel: National, 585 T capacity

Top drive	CanRig 1165E, 589 mt, 51,400 ft.lbs at 117 rpm
Cementing	10,000psi WP
Mud pumps	3 x National 14-P-220; 2,200HP rating each, 7,500psi WP

CAPACITIES

Variable deck load	39,020 kips
Liquid mud	3,245 bbls + 264 bbls mud process
Oil base mud	8,044 bbls
Bulk mud/cement	19,918 ft ³
Sacks	3,000 sacks
Drillwater	7,265 bbls
Potable water	5,157 bbls
Fuel oil	37,027 bbls
Base oil	1,729 bbls
Brine	9,811 bbls

BOP EQUIPMENT

BOP system	Shaffer 18-3/4 in x 5,000psi annular; Cameron 18-3/4 in, 10,000 PSI WP – 2 double units type TL with “Rams Lock”
Diverter	ABB-Vetco SHD type 58.5 in with 12 in overboard lines
BOP handling	1 x MOS elevator type BOP carrier, 250 mt; 1 x MOS BOP gantry crane, 2 x 70 mt; 1 x Houlder X-mas tree trolley, 75 mt; 1 x MOS X-mas tree gantry crane, 2 x 35 mt
Control system	Cameron Control Multiplex System
Riser details	Kvaerner Clip type connector – 7,000 ft x 21 in diameter
Positioning	DP positioned w/CEGELEC 902 duplex dynamic positioning system – 2 aft azimuthal propulsion thrusters 4.5 Mw – 3 midship azimuthal retractable thrusters 3.0 Mw – 2 fore tunnel thrusters 1.7 Mw
Choke and kill	3-1/16 in, 10,000psi WP

CRANES

Two Liebherr CBO 2600-50; 30 mt @ 112'; 50 mt @ 59'
One Liebherr S50 / 28 S; 50 mt @ 66' - 5 mt @ 100'

HELIDECK

S-61N or Super Puma

DIVING SPREAD

ROV

MOONPOOL

39.4 x 32.8 x 36.1 ft

