

Sapura Berani



General

Design :	KFELS SSDT3600-GOM-C42
Built/Year :	Keppel Shipyard Limited, Singapore / 2006
Rig Type :	Semi-Submersible Self-Erecting TAD Rig
Major Upgrades :	Nil
Flag :	Panama
Classification :	ABS
Class Notations :	+A1 Column Stabilised Drilling Tender

Main Dimensions / Technical

Length x Breadth :	308 ft x 118 ft x 67 ft
Max. Water Depth :	800 ft with Conventional Mooring System / 6,000 ft with Pre-Laid Mooring System
Min. Water Depth :	32 ft
Drilling Depth :	30,000 ft
Variable Load :	3,600 MT
Helideck :	S61N
Helideck Compliance :	CAP437
Accommodation :	140

Drilling Equipment

Derrick :	MH-Pyramid Vertical Bootstrap Mast
Hookload / Setback :	1,000 kips / 1,200 kips
Drawworks :	LEWCO LDW3000, 3000 HP
Racking Capacity :	21,200 ft 5-7/8" DP
Top Drive :	NOV TDS-85 AC, 750 tons, 62,250 ft-lbs cont torque
Pipe Handling :	PH-100
Iron Roughneck :	Hawk Jaw Senior, Model 100K-2GSR
Rotary Table :	CE Model T3750 with 37 1/2" table opening
Power Slips :	PS-500
Drilling Line :	7,500 ft x 1-3/8" OD
DES Dry Weight :	907 MT
DES Number Of Lifts :	15
Max. Platform Height :	110 ft

Storage Capacities

Fuel :	10,545 bbls
Drill Water :	11,893 bbls
Potable Water :	6,544 bbls
Liquid Mud :	5,876 bbls (active and reserve)
Base Oil :	3,384 bbls
Brine :	2,800 bbls (active and reserve)
Barite / Bentonite :	5,200 cu ft / 1,800 cu ft
Cement :	6,400 cu ft
Sack Storage :	9,000 sacks on pallets or 8,000 sacks plus 100 drums of chemical

Power

Main Engines :	6 x Cat 3516BTA
Main Generators :	6 x Kato AC 6P7 @ 1,600 kW
Total Power :	7,800 kW
Emergency Power :	1 x Cat 3512BTA, Kato 6P6 @ 1,000 kW

Well Control

BOP (Surface):	13-5/8" Cameron, 5k Annular BOP 13-5/8" Cameron, 10k 1 x Single Ram BOP & 1 x Double Ram BOP
C&K Manifold :	10k psi
BOP Hoist :	65 MT SWL

Mud System

Mud Pumps :	3 x Lewco W-1712, triplex, 1600 HP
Pressure Rating :	7,500 psi
Shale Shakers :	5 x Brandt VSM 300
Mud Gas Separator:	30" OD x 12 ft high with 8" OD ventline
Degasser :	Swaco CD - 1400 Hurricane

Lifting Equipment

Main Crane :	Favelle Favco PC250 with 170 ft boom
Main Crane Rating :	200 MT @ 20 m radius (DF=2.0)
Deck Crane :	Favelle Favco 7.5/10K with 140 ft boom
Deck Crane Rating :	44 MT @ 5 m radius (DF=2.0)
Master Skid Cranes :	2 x CraneSafe Knuckle joint cranes
Master Skid Crane Rating :	7,500 lbs SWL

Tubulars

Drill Pipe :	5-7/8" OD with 5-1/2" DSTJ FH
--------------	-------------------------------

Offline Activity Capability

OAC Crane :	X-Y gantry crane @ monkey board, 12000 lbs SWL
OAC Power Tong :	HawkJaw Senior, Model 100K-2GSR

Station Keeping

Anchor Wire :	8 x 3" OD x 5,000 ft, galvanised steel wire ropes
Anchors :	8 x 12 MT Delta Flipper + 1 x 12 MT spare anchor
Mooring Winches :	4 x Skagit Smatco Model TMW-300 dual drum, electric, Anchor Traction Winches

Other Features

Lifeboats :	4 x 70 person, Norsafe JYN85F survival crafts
-------------	---

* Owners reserve the right to amend the specifications without notifications.