

HAI YANG SHI YOU 943



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General Description	
Design/Generation	F&G JU-2000E
Constructing Shipyard	Dalian Shipbuilding Industry Offshore Co. Ltd
Deliver Year/Upgrades	2016
Classification	ABS&CCS
Flag	China
Overall Dimensions	98.71m L×76m W ×9.45m D
Legs	3 x 166.98m; Triangular
Usable leg below hull	146m
Spudcan diameter	17.98m×254m ² each
Draft at loadline (deepest)	6.697m
Displacement	23,018MT
Drilling VL	6,486MT
Cantilever Envelope	75ft* ± 15ft
Operating Water Depth	400ft(max)/30ft(min)
Max. Rating Drilling Depth	35,000ft
Accommodation	150 beds

Drilling Equipment	
Derrick	National Oilwell D-170×40×40×18-2100--BN
Simultaneous setback + hookload capacity :	1360MT
Drawworks	National Oilwell/SSGD-1000-6000-48-82-9
Top Drive	National Oilwell/TDS-1000A /1,150hp, 7,500psi
Rotary Table	National Oilwell/RST 495-3G/Rated capacity :907MT
Tubular Handling	National Oilwell/HR-III racker with Catwalk Pick-up Elevator:2% - 9 ¼ / 11,000 , 9 ½ - 14 / 11,000/ Racking Gripper Head:3 ½-14 / 22,000 at 9 ¾ DC and 13 ¾ CSG 800kg at 3 ½ DP
Mud Pumps	National Oilwell /3*14-P-220, 2,200hp/ea, 7,500psi
Solid Control	Shale Shakers:4*DERRICK/HP-704 /Gumbo: DERRICK/FLP-28/200,FLP-28/258,Primer II
Drilling Manifold	Rated for 7,500 Psi

Power Plant	
Main Power	6*Caterpillar 3516C-HD diesel engines rated at 1,603kw, 1,200 rpm
Emergency Power	1 *Caterpillar /C32 diesel engine rated994kw, 1,800 rpm

STORAGE CAPACITIES	
Fuel Oil	649.2m ³
Liquid Mud	812.6 m ³
Brine	219.5m ³
Base Oil	219.5 m ³
Drill water	1,318.4 m ³
Potable Water	544.6 m ³
Bentonite/barite	4*70.1m ³
Cement	4*70.1m ³
Sack Storage	5,000 sacks

BOP Equipment	
Diverter	GE OIL&GAS/ KFDJ-500 / 500psi
BOP annular	CAMERON, 18-3/4"*10,000 Psi,
BOP rams	2*Cameron/18-3/4" 15000psi TL Blowout preveter/18-3/4"*15k Psi, Double Ram;
BOP handling	2*TSC , safe working load at 125MT each;Vertical travel length18.5ft

Cranes	
Port&stbd	2*Liebherr/MTC 2600-50 LITRONIC/50MT/7.7m/ Main hook (2 fall)-0.27(full load)m/s
Aft	1 *Liebherr/MTC 2600-50 EX LITRONIC/50MT/7.7m/ Main hook (2 fall)-0.27(full load)m/s

Mooring Equipment	
AnchorWinches	4*MEP/AT40000E,electric, 40 MT rated pull capacity.
Anchor Lines	4*51mm*1000m
Anchors	4*Flipper Delta,Free rotating range :360degrees,

OTHER FEATURES	
Helideck	Rated for Sikorsky S-92A or S-61N
Tension System	TSC / 600Kips for raiser tensioner;320Kips for BOP/ stroke:222inch/Number of lift points:8

These specifications are intended for general reference purposes only. All equipment shall be operated and maintained at all times, in compliance with COSL DRILLING standard operating manuals,policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

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