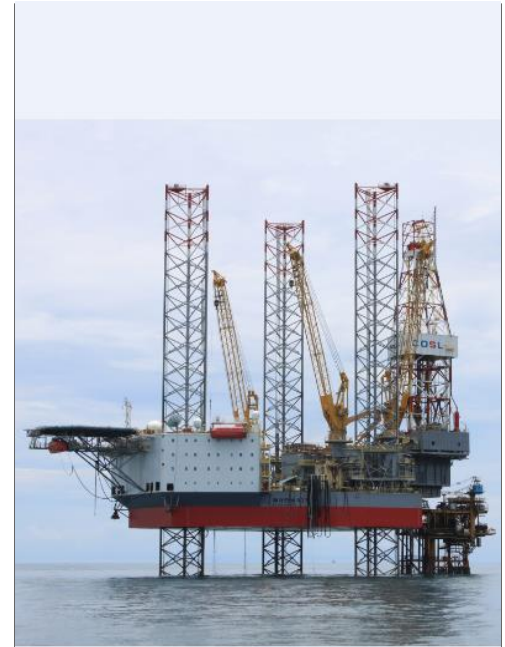


GENERAL SPECIFICATIONS

Shipyard Delivery	Jan-2010, Dalian Shipyard, china	
Classification Agency	✕ A1 ABS & CCS Self-Elevating Unit	
Dimensions	92.725m x 62m x 8m	
Water Depth	Maximum: 91.4m	
	Minimum: 6 m	
Max. Drilling Depth	30,000 ft	
Cantilever Reach	70 ft aft, 40 ft transverse	
Leg Length	113m available below hull	
Leg Spacing	46m transverse	
	40m longitudinal	
Spud can Diameter	13.74m	
Variable Deck Load	Operating:	3500 mt
	Survival:	2500 mt
	Transit:	2500 mt
Transit Draft	4.5m	
Max. Wave Height	Operating:	13m
	Survival:	18.3m
Helideck Capacity	9.3 ton	



DRILLING EQUIPMENT

Derrick	NOV 170'x35'x40'x18' TOP 1500000 Hook; Capacity:1500000 lbs
Racking Capacity	5-7/8" DP, 320 stand; 9-3/4"DC, 5 stand; 8"DC, 6 stand
PRS	National Oilwell Varco / HR-III-XY-F-S hydra racker
Conveyor	CWS P20-45HS Catwalk Machine
Drawworks	NOV D3000AC, Motors NOV BAYLOR/CM628TUT119EL, 1230 HP per motor (3690 HP)
Rotary Table	NOV RST-495-2G/ Maximum opening: 49-1/2", Max continuous torque 61KNM Static load capacity : 910 M-tons, Rotating load capacity : 680 M-tons
Iron Roughneck	NOV MPT-2000 Hydra tong, Drill pipe tong: Size range 3-1/2"to 9-3/4", Max torque make up: 140000NM ,Max torque breakout 200000 NM
Top Drive	NOV HPS-750-E-AC-KT-RD, Rated capacity 750 short tons, Max intermittent torque 130KNM, Max continuous torque 87KNM, 1 x 1150 HP AC motor
Catheads	NOV cathead Max line pull 146KN

CAPACITIES

Diesel	615 m ³	Drill water	3558 m ³
Potable Water	588 m ³	Bulk Storage	400 m ³
Sack Storage	5,000 sacks	Base Oil	201 m ³
Brine	201 m ³	Liquid Mud	724 m ³

OTHER PARTICULARS

Accommodations	120 Persons
Jacking System	NOV-BLM D80H; 54 drive pinions, maximum jacking capacity 317T/pinion

Skidding Systems	MSC X-Y cantilever skidding system
Mud Pumps	3 x NOV 14-P-220, maximum pump pressure 7500 psi.
Shakers	4 x Derrick FLC 504M
BOP Stack	Cameron 2 x Doubles 18-3/4" TL 15000PSI, 18-3/4" Annular DL 10000PSI
BOP Controls	Cameron 3K psi WP, Local control, remote control in drillers cabin and tool pusher office
Diverter	1 x VETCO/KFDJ 49½", 500 psi working pressure with 12" flowline and 2 x 12" Overboard lines
C & K Manifold	NOV Chock & Kill manifold 4-15M x 4-5M, Nominal Size 4-1/16", Minimum ID: 3", Maximum WP :15000PSI
Mud Manifold	1 x API 6A PSL dual 5" ID 7,500 psi WP
Cement Manifold	1 x API 6A PSL single 3-1/16" ID, 15,000 psi WP
Cement Unit	TPB600, Max pressure 15000psi (third party equipment)

POWER GENERATION

Main Engines	5 x Caterpillar/3516B-HD Diesel engines, rated at 2150 Hp, (1603 kW) , at 1200 rpm c/w CATERLILLAR SR4B SIX POLAR, 1530 Kw 690V AC generator
Emergency Power	1 x Caterpillar/3508B Diesel engine, rated at 1298 HP, (968 kW), at 1800 rpm c/w Caterpillar/SR4B 1137 Kw, 690V, AC generator.

HANDLING SYSTEMS

Deck Cranes	3 x LIEBHERR, CBO 3600-50D Litronic , hoist ratings –50T/7.5m radius and 10T/(8.5m-44.1m) radius
Pipe handling	1 x NOV Knuckle boom crane with 2-7/8"- 20" gripper yoke; Paw safe load:3.5 MT
BOP Handling	2 x Ingersoll Rand/BHS200MA6-30-30, pneumatically operated; each with a capacity of 100 MT
Conductor Tensioner	Jasson offshore PH HYDRAULICS&ENGINEERING PTE.LTD 225T capacity CTU with 350mm stroke suitable for maximum 1000mm conductor

LIFESAVING SYSTEMS

Lifeboats	3 x 60 persons capacity enclosed lifeboats
Fast Rescue Craft	port side lifeboat
Life rafts	6 x 20 person life rafts, with deck cradles and launching davits.
Lifejackets	252 lifejackets (120 in accommodation)
Lifebuoys	12 lifebuoys