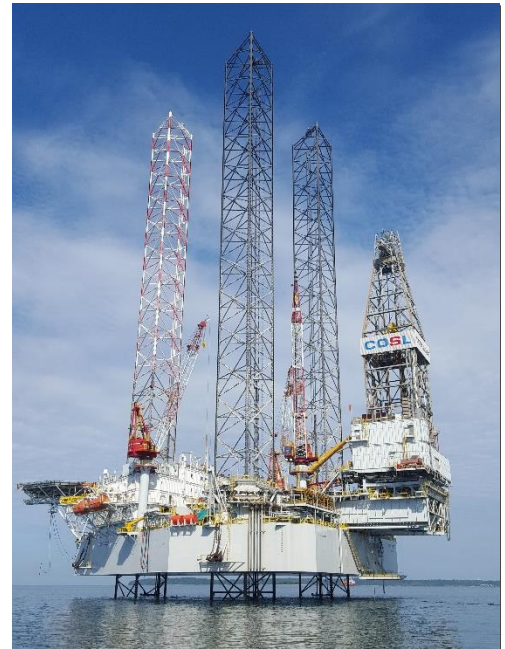


GENERAL SPECIFICATIONS

Shipyard Delivery	Jan-08, KFELS Shipyard, Singapore
Classification Agency	ABS Ⓢ A1 Self-Elevating Unit
Dimensions	234' x 208' x 25.52'
Water Depth	Maximum: 400 ft Minimum: 30 ft
Max. Drilling Depth	30,000 ft
Cantilever Reach	70 ft aft, 30 ft transverse
Leg Length	460 ft usable below hull
Leg Spacing	142' transverse 129' longitudinal
Spud can Diameter	47.2 ft
Variable Deck Load	Operating: 7500 kips Survival: 5000 kips Transit: 4500 kips
Transit Draft	16 ft
Max. Wave Height	Operating: 36 ft Survival: 55 ft w/ 300 ft WD
Helideck Capacity	Sikorsky S-61N / S-92A(9.3 MT)



DRILLING EQUIPMENT

Derrick	Woolslayer Bolted, 36 x 36 ft @ base; 18 x 18 ft @ Crown x 160 ft clear working height
Capacity	1.5 million lbs static hook load
Racking Capacity	312 Stands of 5-1/2" drill pipe range II triples x 93 ft (29,000 ft) 6 Stands of 8" drill collar range II triples x 93 ft (558 ft) 6 Stands of 9-1/2" drill collar range II triples x 93 ft (558 ft)
PRS	National Oilwell Varco / PRS-8i Racker
Conveyor	NOV Pipe Transfer Conveyor (PTC-LDT)
Drawworks	NOV ADS-10T AC, Motors GE GEB-22A2-2, 1400 HP per motor (4200 HP)
Rotary Table	Varco RST-49.5 w/ adapter bushing for 37 1/2" master bushing, Max torque 45,000 ft-lbs
Iron Roughneck	NOV AR3200, Size range 3 1/2 to 9 3/4 inch, Max torque makeup/breakout 100,000 / 120,000 ft-lbs
Top Drive	NOV TDS-8SA, Rated capacity 750 ST, Max intermittent torque 94,000 ft-lbs, Max continuous torque 62,250 ft-lbs, 1 x 1150 HP AC motor
Catheads	NOV HC-26EV Max line pull 16.5 ST

CAPACITIES

Diesel	2,630 bbls	Drill water	19,921 bbls
Potable Water	2,053 bbls	Bulk Storage	11,100 cu.ft
Sack Storage	5,000 sacks	Base Oil	662 bbls
Brine	1,939 bbls	Liquid Mud	3,613 bbls

OTHER PARTICULARS

Accommodations	120 Persons
Jacking System	OTD 1000FV/FELS c/w 36 drive pinions, maximum jacking capacity 30,514 kips (w/preload)

Skidding Systems	Eaton fluid power model B285
Mud Pumps	3 x Lewco W-2215, maximum pump pressure 7500 psi.
Shakers	5 x NOV VSM 300
BOP Stack	Shaffer 2 x Doubles 18-3/4" SLX 15M BOP c/w 18-3/4" Annular 10K
BOP Controls	Cameron 3K psi WP, Local control, remote control in drillers cabin and oim office
Diverter	1 x Vetco Gray 49½" KFDJ-2000, 2000 psi safe working pressure with 16" flowline and 2 x 14" Overboard lines
C & K Manifold	1 x Cameron Master Flo API 16C 3 1/16" 15k Upstream / 4 1/16" 10k Down Stream
Mud Manifold	1 x API 6A PSL dual 5" NB 7,500 psi WP
Cement Manifold	1 x API 6A PSL single 2" NB 15,000 psi WP
Cement Unit	Baker Hughes PP rated for 15,000 psi safe working pressure.

POWER GENERATION

Main Engines	5 x CAT 3516 B Diesel engines, rated at 2150 Hp, (1603 kW) , at 1200 rpm c/w Baylor S637XUT-631F 1720 Kw 690V AC generator
Emergency Power	1 x CAT 3508B DITA Diesel engine, rated at 915 HP, (682 kW), at 1200 rpm c/w NEWAGE STAMFORD (Type: PM736D2) AC generator, 700 kW @ 1200 rpm, 480V, 60Hz. Back feed capable to main bus

HANDLING SYSTEMS

Deck Cranes	3 x Favelle Favco w/ 120 ft boom, main hoist ratings – 50 MT @ 40 ft radius and 10.9 MT @ 120 ft radius (static), whip line rating - 5 MT at maximum radius (static)
Pipe handling	1 x NOV Knuckle boom crane with 3 ½ - 20" gripper yoke. Boom length 73 ft, 3.85 MT@73ft with gripper yoke
BOP Handling	2 x Ingersoll Rand pneumatically operated BOP hoists each with a capacity of 68 MT
Conductor Tensioner	ICON T230A 500 kips capacity CTU with 12" stroke suitable for maximum 36" conductor (utilized for stand-alone well with cantilever skidded out 19.5 ft and CTU deck rated for 250 MT)

LIFESAVING SYSTEMS

Lifeboats	4 x 60 man capacity Norsafe davit launched lifeboats (200% of POB)
Fast Rescue Craft	Available with 6 person capacity, crane launched
Life rafts	6 x 25 man model RFD Surviva MK IVI inflatable liferafts Located on each port and starboard (133% of POB) 3 port and 3 starboard on the main deck
Lifejackets	175 lifejackets (116 in accommodation)
Lifebuoys	10 installed in accordance with IMO MODU & SOLAS