

# ENSCOROWAN

## ROWAN VIKING

KFELS N-Class Jack-Up

Year in Service: 2010

Life Enhancement: N/A



### ■ CAPACITIES

Maximum Drilling Payload:  
8,370,000 lbs.

Rotary Load:  
2,000,000 lbs.

Setback Load:  
1,200,000 lbs.

Liquid Mud:  
7,220 bbls

Sand Traps:  
315 bbls

Bulk Cement:  
7,060 cu. ft.

Bulk Barite:  
8,825 cu. ft.

Pipe Storage (Main):  
3,776 sq. ft. x 7 ft. high

Pipe Storage (Cantilever):  
5,028 sq. ft. x 7 ft. high

Covered Sack Storage:  
1,600 sq. ft.

Potable Water:  
4,700 bbls

Drill Water:  
38,523 bbls (incl. combo tanks)

Diesel Fuel:  
5,465 bbls

Base Oil:  
2,073 bbls

### ■ DRILLING EQUIPMENT

Derrick:  
SSBN 1100 - 40 ft. x 40 ft. base, 180 ft. high,  
2,200,000 lbs. on 16 lines

Travelling Block:  
NOV, Capacity: 2,000,000 lbs.

Drawworks:  
NOV model 4600 driven by (4) 1,050 hp AC  
Motors

Drill Line:  
2"

Prime Movers:  
(4) Wartsila 8L26 diesel engines Driving (4)  
Leroy Somer 2,400 kW gen.

Cementing Equipment:  
Halliburton Zone II HCS-6 piece Advantage  
Cement Unit rated at 15k with 2-HT/400  
pumps

Cranes:  
(3) Pedestal Cranes (1) Liebherr BOS 2600-50 D Lit, (1) Liebherr BOS 4200-50 EX Lit, (1) Liebherr  
BOS 4200-50 D Lit (1) x NOV KMCVCT 1891-9-25 Knuckle Boom Pipe Handling Cranes

Top Drive/Power Swivel:  
NOV HpS 03-1000, 2,300 hp AC Motor – Output  
Torque 115K ft. lbs.

Crown Block:  
NOV, Capacity: 2,200,000 lbs.

Auxiliary Brake:  
N/A

Rotary:  
RTS 495

Emergency Generator  
(1) CAT 3508B DITA Driving (1) Leroy Somer  
968 kW gen.

Torque Wrench/Spinner:  
NOV ST-120 Iron Roughneck

### ■ PRIMARY RIG CHARACTERISTICS

Maximum Water Depth:  
435 ft.

Leg Length:  
600 ft.

Hull Length:  
264 ft.

Hull Width:  
289 ft.

Hull Depth:  
35 ft.

Gear Unit Height:  
37 ft.

Maximum Drilling Depth:  
35,000 ft.

Longitudinal Leg Centers:  
177 ft.

Transverse Leg Centers:  
206 ft.

Hook Load:  
2,000,000 lbs.

Cantilever Skid Out:  
75 ft. aft of transom

Substructure Travel:  
20 ft. transverse to port or  
starboard

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
120 persons

Heliport - can accommodate:  
Sikorsky 61N or S-92

*Changes / modifications to the above listed equipment could occur.*

*Maximum Water Depth denotes the designed rating, pending site specific assessment.*

*Should you have specific questions, please contact the Marketing Department at: [marketing@enscorowan.com](mailto:marketing@enscorowan.com)*



## WELL CONTROL

**Diverter:**

Vetco Gray Model KJDF-500 Annular BOP, 3K psi

**Annular:**

(1) 18-3/4" Shaffer NXT Spherical BOP 10K psi

**BOP:**

(2) 18-3/4" 15K psi Shaffer type NXT doubles with (4) 3-1/16" outlets with H2S trim

**Choke Manifold:**

3-1/16" 15K psi with (2) hydraulic and (2) manual chokes with glycol injection

**Control Unit:**

3K psi BOP Control Unit (20) 15 gal. bottles plus 5K psi shear boost system with (20) 15 gal. bottles

## MUD SYSTEMS

**Mud Pumps:**

(3) 14-P-120, 7,500 psi Driven by 2 x GE 1,100 hp AC Motors

**Mud Pits:**

7221 Bbls Total Active Pits (8) Mud Pits (1) Pill Pit (1) Pre-Mix Pit (1) Slug Pit

**Mud Mixing Pumps:**

(2) Mission/Halco 8 x 6 x 14, 2,500 Suprime Driven by 200 hp AC Motors

**Shale Shakers:**

(5) Varco Brandt VSM 300

**Desanders:**

N/A

**Desilters:**

N/A

**Degasser:**

(2) Swaco CD 1400 degasser

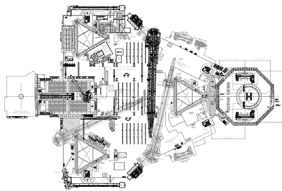
**Mud Processing Pumps:**

(1) Mission/Halco 8 x 6 x 14, 2,500 Suprime Driven by 200 hp AC Motor

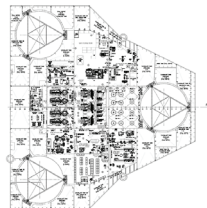
**Maximum Pressure:**

7,500 psi

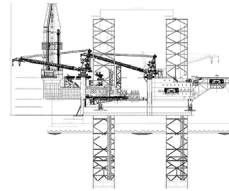
## GENERAL ARRANGEMENTS



MAIN DECK



MACHINERY DECK



SIDE PROFILE