

ENSCOROWAN

ROWAN STAVANGER

KFELS N-Class Jack-Up

Year in Service: 2011

Life Enhancement: N/A



■ CAPACITIES

Maximum Drilling Payload:
8,361,000 lbs.

Rotary Load:
2,000,000 lbs

Setback Load:
1,200,000 lbs.

Liquid Mud:
7,221 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:
(2) Schlumberger CPS 665 RC unit 18k psi WP
Driven by (2) 860 hp Diesel engines

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) NOV KMCVCT 1891-9-25 Knuckle Boom Pipe Handling Crane

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:
ST-160 Iron Roughneck

■ PRIMARY RIG CHARACTERISTICS

Maximum Water Depth:
400 ft.

Leg Length:
568 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



WELL CONTROL

Diverter:

Vetco Gray Model KJDF-500 Annular BOP, 500 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 - 15000 shear boost system with (2) hydraulic and (2) manual chokes with glycol injection

Control Unit:

3k psi BOP control unit (60) 15 gal. bottles - 5k psi shear boost system with (20) 15 gal. bottles - 1500 psi annular diverter system with (5) 15 gal. bottles

MUD SYSTEMS

Mud Pumps:

(3) 14-P-220, 7,500 psi Driven by (2) 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:

(3) Mission/Halco 8 x 6 x 14, 2,500 Suprime Driven by 250 hp AC Motors

Shale Shakers:

(5) Varco Brandt VSM 300

Desanders:

N/A

Desilters:

N/A

Degasser:

(2) Swaco CD 1400 degasser

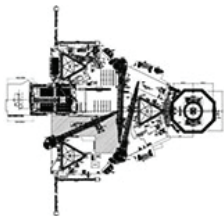
Mud Processing Pumps:

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

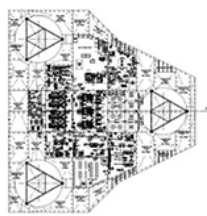
Maximum Pressure:

7,500 psi

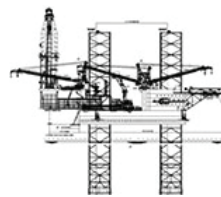
GENERAL ARRANGEMENTS



MAIN DECK



MACHINERY DECK



SIDE PROFILE