

VALARIS JU-291

(Rowan Stavanger)

KFELS N-Class Jackup • Year in Service: 2011



■ CAPACITIES

Rotary Load:
2,000,000 lbs

Setback Load:
1,200,000 lbs

Liquid Capacity:
7,221 bbl

Bulk Cement:
7,060 cu ft

Bulk Barite:
8,825 cu ft

Potable Water:
4,700 bbl

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

Diesel Fuel:
5,465 bbl

Base Oil:
2,073 bbl

Brine:
4,975 bbl

■ DRILLING EQUIPMENT

Derrick:
SSBN 1100 - 40ft x 40ft base, 180ft 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

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 115Kft lbs

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

Rotary:
RTS 495

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

Torque Wrench/Spinner:
ST-160 Iron Roughneck

■ 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

■ MUD SYSTEMS

Mud Pumps:
(3) 14-P-220, 7,500 psi Driven by (2) GE 1,100
HP AC Motors

Shale Shakers:
(5) Varco Brandt VSM 300

Degasser:
(2) Swaco CD 1400 degasser

■ PRIMARY RIG CHARACTERISTICS

Maximum Water Depth:
400ft

Leg Length:
568ft

Hull Length:
264ft

Hull Width:
289ft

Hull Depth:
35ft

Maximum Drilling Depth:
35,000ft

Longitudinal Leg Centers:
177ft

Transverse Leg Centers:
206ft

Hook Load:
2,000,000 lbs

Cantilever Skid Out:
75ft aft of transom

Substructure Travel:
20ft transverse to port or
starboard, +secondary
centerline 26ft to starboard
with same 20ft/20ft
transverse

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@valaris.com