



VALARIS 109

(VALARIS JU-109)

KFELS MOD V Jackup • Year in Service: 2008

■ CAPACITIES

Rotary Load:
2,000,000 lbs

Setback Load:
1,210,000 lbs

Liquid Capacity:
5,566 bbl

Bulk Cement:
9,600 cu ft

Bulk Barite:
6,150 cu ft

Potable Water:
2,053 bbl

Drill Water:
21,746 bbl

Diesel Fuel:
3,344 bbl

Base Oil:
1,561 bbl

Brine:
1,000 bbl

■ DRILLING EQUIPMENT

Derrick:
NOV 170ft x 36ft x 36ft

Travelling Block:
NOV HTB-N, 1000T rating

Drawworks:
NOV SSGD-4600, 4,600 hp

Prime Movers:
(5) Wartsila 6L26A2 driving
(1) Leroy Somer 1,829 kW generator

Cementing Equipment:
Halliburton

Cranes:
(2) Seatrax S5624, 13 mt whip line 47 mt main line; diesel hydraulic &
(1) Seatrax S7220, 13.5 mt whip line, 56 mt main line; diesel hydraulic

Top Drive/Power Swivel:
NOV HPS1000-2E, 1,000T

Crown Block:
NOV 1,060 st

Rotary:
Varco/BJ RST 495, (49 1/2" max opening)

Emergency Generator
(1) Cat 3412TA x 831 hp driving
(1) Stamford HCM534F2 500 kW AC generator

Torque Wrench/Spinner:
(1) NOV MPT 200

■ WELL CONTROL

Diverter:
ABB Vetco KFDJ 49 1/2" x 500 psi

Annular:
Shaffer 18 3/4" x 10,000 psi Wedge cover

BOP:
NOV Shaffer NXT 18 3/4" x 15,000 psi 4 ram (dbl & dbl) with 14" blind/shear boosters

■ MUD SYSTEMS

Mud Pumps:
(3) NOV 14-P-220, 2,200 HP x 7,500 psi

Shale Shakers:
(5) VSM 300; Nov Shakers

Degasser:
1,200 gpm

■ PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:
430ft

Leg Length:
486ft

Hull Length:
246ft

Hull Width:
218ft

Hull Depth:
25ft

Maximum Drilling Depth:
35,000ft

Longitudinal Leg Centers:
129ft

Transverse Leg Centers:
142ft

Hook Load:
2,000,000 lbs

Cantilever Skid Out:
70ft

Substructure Travel:
15ft transverse to port or starboard

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
120 persons

Heliport - can accommodate:
S-61

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