



VALARIS 121

(VALARIS JU-121)

Keppel FELS, Ultra-Enhanced Super 'A' Class • Year in Service: 2014

■ CAPACITIES

Rotary Load:
2,500,000 lbs

Setback Load:
1,450,000 lbs

Liquid Capacity:
7,500 bbl

Bulk Cement:
8,440 cu ft

Bulk Barite:
9,200 cu ft

Potable Water:
3,500 bbl

Drill Water:
25,179 bbl

Diesel Fuel:
4,400 bbl

Base Oil:
1,470 bbl

Brine:
2,100 bbl

■ DRILLING EQUIPMENT

Derrick:
NOV 210ft x 40ft x 40ft

Travelling Block:
NOV 872TB1250-8C x 1,250T

Drawworks:
NOV ADS30Q 6,000 hp

Prime Movers:
(6) CAT 3516CHD Engine x 1603 kW output

Cementing Equipment:
Halliburton Unit

Cranes:
(1) 120ft boom x 70sT at 35ft radius; (1) 140ft boom x 70sT at 40ft radius; (1) 140ft boom x 70sT at 35ft radius; (1) NOV KMCVCT 1891 pipe handling knuckle boom crane

Top Drive/Power Swivel:
1250T NOV TDX-1250

Crown Block:
NOV 1250 st

Rotary:
NOV RST 605-H

Emergency Generator
Cat 3508-B engine with 910 kW

Torque Wrench/Spinner:
(2) NOV ST-160C

■ WELL CONTROL

Diverter:
Cameron Type CF-B, 49½" RST

Annular:
Hydril GX 18 ¾" x 10,000 psi

BOP:
(2) NOV Shaffer NXT 18 ¾" 15M Double

■ MUD SYSTEMS

Mud Pumps:
(3) NOV 14-P-220 x 2,200 hp

Shale Shakers:
(4) NOV Brandt VSM Multi-Sizer

Degasser:
(2) NOV Brandt DG-12

■ PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:
471ft

Leg Length:
540ft

Hull Length:
246ft

Hull Width:
250ft

Hull Depth:
31ft

Maximum Drilling Depth:
40,000ft

Longitudinal Leg Centers:
150ft

Transverse Leg Centers:
156ft

Hook Load:
2,500,000 lbs

Cantilever Skid Out:
80ft

Substructure Travel:
15ft to port and 17 ft to starboard

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
150 persons

Heliport - can accommodate:
S-61 and 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