



# VALARIS 102

(VALARIS JU-102)

Keppel FELS, Enhanced, MOD V Jackup • Year in Service: 2002

## ■ CAPACITIES

Rotary Load:  
1,500,000 lbs

Setback Load:  
650,000 lbs

Liquid Capacity:  
4,796 bbl

Bulk Cement:  
8,080 cu ft

Bulk Barite:  
9,560 cu ft

Potable Water:  
2,363 bbl

Drill Water:  
4,110 bbl dedicated  
17,052 bbl dual purpose tanks

Diesel Fuel:  
5,039 bbl

Base Oil:  
1,336 bbl

Brine:  
1,369 bbl

## ■ DRILLING EQUIPMENT

Derrick:  
Dreco x 170ft x 40ft x 40ft

Travelling Block:  
Dreco x 670T rating c/w block retracting

Drawworks:  
National 1625 UDBE x 3,000 hp

Prime Movers:  
(6) Cat 3516-B engines x 1,855 hp x 1,285 kW

Cementing Equipment:  
Free placement only

Cranes:  
(3) Dreco 72 DNS King Post hydraulic, (1) 120ft boom & 2 x 140ft boom.

Top Drive/Power Swivel:  
Varco TDS-4H

Crown Block:  
Dreco 750 st

Rotary:  
National D-495 x 49 1/2"

Emergency Generator  
Cat 3512-B engine x 1,47 hp x 1,030 kW

Torque Wrench/Spinner:  
(1) NOV ARN3200

## ■ WELL CONTROL

Diverter:  
Regan KFDJ x 2,000 psi x 49 1/2"

Annular:  
(1) Shaffer Spherical 13 5/8" 10K

BOP:  
(2) Shaffer SLX 13 5/8" 10K doubles

## ■ MUD SYSTEMS

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

Shale Shakers:  
(4) NOV Brandt VSM 300

Degasser:  
(1) Swaco 1,000 gpm

## ■ PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:  
479ft

Leg Length:  
541ft

Hull Length:  
246ft

Hull Width:  
222f

Hull Depth:  
31ft

Maximum Drilling Depth:  
30,000ft

Longitudinal Leg Centers:  
150ft

Transverse Leg Centers:  
156ft

Hook Load:  
1,500,000 lbs

Cantilever Skid Out:  
76ft with extensions

Substructure Travel:  
15ft transverse to port  
or starboard

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
122 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](mailto:marketing@valaris.com)

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