

## VALARIS JU-105

(ENSCO 105)

Keppel FELS Mod V Jackup • Year in Service: 2002



### ■ CAPACITIES

Rotary Load:  
1,500,000 lbs

Setback Load:  
900,000 lbs

Liquid Capacity:  
3,575 bbl

Bulk Cement:  
5,100 cu ft

Bulk Barite:  
6,000 cu ft

Potable Water:  
2,010 bbl

Drill Water:  
15,715 bbl

Diesel Fuel:  
2,584 bbl

Base Oil:  
662 bbl

Brine:  
2,276 bbl

### ■ DRILLING EQUIPMENT

Derrick:  
Dreco 170ft x 35ft x 32ft

Travelling Block:  
Dreco 760-TB-750-8 rated@750t

Drawworks:  
National 1625-UDBE, 3,000 hp

Prime Movers:  
(5) Cat Model 3516-B, 1,855 hp  
(5) Cat Sr-4 60 v generators.

Cementing Equipment:  
Dowell Shclumberger

Cranes:  
(3) Dreco pedestal cranes with 120ft boom, 50 T at 20ft radius.

Top Drive/Power Swivel:  
NOV TDS-8SA rated 750t

Crown Block:  
Dreco 750 st

Rotary:  
National D-495, 49 ½" opening,  
driven by 1 x GE752 DC Hi-Torque  
electric motor 1,085 hp

Emergency Generator  
Cat 3516-B, rated 1,855hp; 2,150 KVA;  
600V; Cat SR4 generator, 600V

Torque Wrench/Spinner:  
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### ■ WELL CONTROL

Diverter:  
Shaffer 30" x 1,000 psi

Annular:  
(1) Shaffer 18 ¾" x 5,000 Psi Spherical.

BOP:  
(2) Cameron 18 ¾" x 10,000 Psi, Type-U,  
double Ram BOP

### ■ MUD SYSTEMS

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

Shale Shakers:  
(4) Axiom AX-1

Degasser:  
(1) Brandt 2,000 gpm

### ■ PRIMARY RIG CHARACTERISTICS

Maximum Water Depth:  
400ft

Leg Length:  
517ft

Hull Length:  
225ft

Hull Width:  
208ft

Hull Depth:  
25ft

Maximum Drilling Depth:  
30,000ft

Longitudinal Leg Centers:  
129ft

Transverse Leg Centers:  
142ft

Hook Load:  
1,500,000 lbs

Cantilever Skid Out:  
70ft

Substructure Travel:  
15 ft transverse to port  
or starboard

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
120 persons

Heliport - can accommodate:  
EC225

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)