



# VALARIS 142

(VALARIS JU-142)

LeTourneau Super 116E Independent Leg Jackup • Year in Service: 2008

## ■ CAPACITIES

Rotary Load:  
1,500,000 lbs

Setback Load:  
850,000 lbs

Liquid Capacity:  
5,056 bbl

Bulk Cement:  
6,100 cu ft

Bulk Barite:  
6,100 cu ft

Potable Water:  
1,659 bbl

Drill Water:  
13,957 bbl

Diesel Fuel:  
2,119 bbl

Base Oil:  
1,068 bbl

Brine:  
682 bbl

## ■ DRILLING EQUIPMENT

Derrick:  
Loadmaster 170ft x 35ft x 35ft

Travelling Block:  
750T with Sheaves for 1¾" Wireline

Drawworks:  
4,500 hp AC

Prime Movers:  
(5) Caterpillar Model 3516BHD, 2,150 hp

Cementing Equipment:  
Schlumberger

Cranes:  
(1) LeTourneau 220 SS with 140ft boom rated at 75T SWL at 32ft boom radius and two  
(2) LeTourneau 120 SS cranes with 120ft booms rated at 41.6T SWL with 32ft boom radius

Top Drive/Power Swivel:  
Varco TDS 8SA with GE A20 AC motor x  
1,200 hp

Crown Block:  
Loadmaster 750 st

Rotary:  
49½" with hydraulic drive

Emergency Generator  
Caterpillar Model 3512; 1478 BHP, 1,050 kW,

Torque Wrench/Spinner:  
NOV ST-80

## ■ WELL CONTROL

Diverter:  
ABB Vetco KFDJ 49½" x 500 psi

Annular:  
Shaffer 18 ¾" x 10,000 psi

BOP:  
(2) Cameron Type 'TL' Double Ram BOP 18 ¾" x  
15,000 psi

## ■ MUD SYSTEMS

Mud Pumps:  
(3) LEWCO Model 2215 2,200 hp triplex  
x 7,500 psi

Shale Shakers:  
(5) Cascading linear motion Shale Shakers  
(each rated 400 to 600 GPM)

Degasser:  
(1) Brandt 2,000 gpm

## ■ PRIMARY RIG CHARACTERISTICS

Max. Deployed Leg Length:  
417ft

Leg Length:  
477ft

Hull Length:  
243ft

Hull Width:  
222ft

Hull Depth:  
26ft

Maximum Drilling Depth:  
36,000ft

Longitudinal Leg Centers:  
129ft

Transverse Leg Centers:  
142ft

Hook Load:  
1,500,000 lbs

Cantilever Skid Out:  
72ft

Substructure Travel:  
15ft transverse to port  
or starboard

Mud System Max. Pressure:  
7,500 psi

Quarters Accommodations:  
110 persons

Heliport - can accommodate:  
S-61N 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](mailto:marketing@valaris.com)

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