



VALARIS JU-145

(Rowan EXL III)

LeTourneau Technologies EXL (Super 116E) Class Jackup • Year in Service: 2010

■ CAPACITIES

Rotary Load:
2,000,000 lbs

Setback Load:
900,000 lbs

Liquid Capacity:
3,668 bbl

Bulk Cement:
6,805 cu ft

Bulk Barite:
6,805 cu ft

Potable Water:
1,762 bbl

Drill Water:
13,882 bbl (incl. combo tanks)

Diesel Fuel:
3,704 bbl

Base Oil:
939 bbl

Brine:
939 bbl

■ DRILLING EQUIPMENT

Derrick:
Loadmaster Model 2000 KIP, 32ft x 35ft base,
170ft high, 2,000,00 lbs on 16 Lines

Travelling Block:
Lewco Model 3000 HD Driven by (2) 1,500 hp
AC Motors

Drawworks:
Lewco Model 3000 HD Driven by (2) 1,500 hp
AC Motors

Prime Movers:
(5) Cat 3516 CHD each Driving (1) Kato 1,525
kW gen.

Cementing Equipment:
AC Drive provided (for Operator supplied unit)

Cranes:
(2) LeTourneau PCM-220 SS Pedestal Cranes With 140ft booms, (1) LeTourneau PCM-120 SS
Pedestal Cranes With 100ft boom

Top Drive/Power Swivel:
Lewco 750 ton , OEM 1,500 hp AC Motor
Output Torque 72Kft lbs continuous / 100Kft
lbs intermittent

Crown Block:
Loadmaster, Cap: 2,000,000 lbs

Rotary:
Lewco Model D495 Driven by (1) OEM 1,150 hp
AC Motor

Emergency Generator
(1) Cat 3516 CHD each Driving (1) Kato 1,525
kW gen.

Torque Wrench/Spinner:
NOV ST-100 Iron Roughneck-100,000ft lbs
make / 120,000ft lbs break

■ WELL CONTROL

Diverter:
Vetco Gray 36 1/2" , 500 psi WP

Annular:
13 5/8" 5k Hydril GK with 10k bottom flange

BOP:
(1) 13 5/8" 10K Single w/ (2) 4 1/16" outlets
(1) 13 5/8" 10k Double w/ (2) 4 1/16" outlets

■ MUD SYSTEMS

Mud Pumps:
(3) Lewco W-2215 2,200 hp, Driven by (2) OEM
1,150 hp AC motors

Shale Shakers:
(4) Derrick DP-628 Box/Top feed shakers

Degasser:
Derrick Vacu-Flow 1,200 gpm

■ PRIMARY RIG CHARACTERISTICS

Maximum Water Depth:
350ft

Leg Length:
477ft

Hull Length:
243ft

Hull Width:
206ft

Hull Depth:
26ft

Maximum Drilling Depth:
35,000ft

Longitudinal Leg Centers:
129ft

Transverse Leg Centers:
142ft

Hook Load:
2,000,000 lbs

Cantilever Skid Out:
70ft aft of transom

Substructure Travel:
15ft transverse to port or
starboard

Mud System Max. Pressure:
7,500 psi

Quarters Accommodations:
120 persons

Heliport - can accommodate:
Sikorsky S-61N, 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