VALARIS JU-116
(Rowan Mississippi)

VALARIS JU-116
LeTourneau Technologies 240-C Class Jackup • Year in Service: 2008

■ CAPACITIES
  Rotary Load:
  2,500,000 lbs
  Setback Load:
  1,000,000 lbs
  Liquid Capacity:
  4,500 bbl
  Bulk Cement:
  6,910 cu ft
  Bulk Barite:
  6,910 cu ft

■ DRILLING EQUIPMENT
  Derrick:
  Loadmaster Model 2500 KIP, 36ft x 36ft Base, 175ft High, 2,500,000 lbs on 16 Lines
  Travelling Block:
  Lewco Model LBLK-1250, 2,500,000 lbs
  Drawworks:
  Lewco Model 4500 Driven by (2) 1,500 hp AC Motors
  Prime Movers:
  (6) Cat 3516 TAC Driving (1) Kato 1,525 kW generator
  Cementing Equipment:
  BJ 40-75-2 Electric Unit 15K psi WP Driven by (2) 525 hp Variable speed AC motors
  Cranes:
  (3) LeTourneau PCM-220 SS Pedestal Cranes

■ WELL CONTROL
  Diverter:
  Hydral Model MSP 30 Annular BOP, 1K psi WP
  Annular:
  (1) 18 ¾” Hydral GX 10K
  BOP:
  (2) 18 ¾” 15K Cameron Type TL, Doubles With 4 x 3 1/16” 15K Outlets, H,S Trim - and
  (1) 13 5/8” Hydral GX 10K
  Potable Water:
  1,724 bbl
  Drill Water:
  10,431 bbl (incl. combo tanks)
  Diesel Fuel:
  5,141 bbl
  Base Oil:
  529 bbl
  Brine:
  529 bbl
  Top Drive/Power Swivel:
  Lewco LL-DDTD-750V2, OEM 1,500 Hp AC Motor - Output Torque 72Kft lbs
  Crown Block:
  Loadmaster, Capacity: 2,500,000 lbs
  Rotary:
  Lewco Model D495 Driven by (1) OEM 1,150 hp AC Motor
  Emergency Generator
  (1) Cat 3516 TAC driving (1) Kato 1,525 kW generator
  Torque Wrench/Spinner:
  Varco IR30120 Iron Roughneck

■ MUD SYSTEMS
  Mud Pumps:
  (3) Lewco W3000, Triplex 3K hp Driven by (2) OEM 1,500 hp AC Motors
  Shale Shakers:
  (5) Brandt King Cobra II
  Degasser:
  (1) Brandt DG-12 w/ JP12 Jet Pump Eductor with dual vacuum pumps, 1,200 gpm

■ PRIMARY RIG CHARACTERISTICS
  Maximum Water Depth:
  375ft
  Leg Length:
  491ft
  Hull Length:
  228ft
  Hull Width:
  220ft
  Hull Depth:
  26ft
  Maximum Drilling Depth:
  35,000ft
  Longitudinal Leg Centers:
  129ft
  Transverse Leg Centers:
  142ft
  Hook Load:
  2,500,000 lbs
  Cantilever Skid Out:
  80ft aft of transom
  Substructure Travel:
  15ft transverse to port or starboard
  Mud System Max. Pressure:
  7,500 psi
  Quarters Accommodations:
  108 persons
  Heliport - can accommodate:
  Sikorsky S-61N / S-92