

## WEST VIGILANT

A LeTourneau Super 116-C, 350 fsw rated, 15k dual BOP jack-up. It is a modern rig with numerous productivity-enhancing features including improved hydraulic horsepower from larger and more powerful mud pumps, optimized pipe-handling to facilitate "off-line" stand-building and a dual mud system which will allow for the efficient and simultaneous handling of drilling and completion fluids.



### GENERAL

Design	LeTourneau Super 116-C
Built/year	Keppel AmFELS Inc Brownville, TX USA / 2008
Jack-up Type	Independent Leg Jack-Up
Major Upgrades	Nil
Flag	Panama
Classification	ABS
Class notations	+A1 Self-Elevating MODU

### MAIN DIMENSIONS/TECHNICAL

Length x Breadth	243 ft 1" x 206 ft
Transit Draft	16 ft
Leg Length	477 ft
Usable Leg Below Hull	420 ft
Leg Spacing	142 ft Transverse / 129 Longitudinal
Spudcan Diameter	45 ft 10-1/2"
Design Water Depth	350 ft
Min. Water Depth	16 ft
Drilling Depth	30,000 ft
Drilling Envelope	70 ft x 30 ft
Variable Load	6,168 kips
Helideck	S61N
Helideck Compliance	IMO Code ABS Class
Accommodation	102

### STORAGE CAPACITIES

Fuel	2,024 bbls
Drill Water	11,300 bbls
Potable Water	1,658 bbls
Liquid Mud	3,300 bbls
Base Oil	1,124 bbls
Brine	800 bbls
Barite / Bentonite	6,400 cu ft
Cement	4,800 cu ft
Sack Storage	5,000 Sacks

### POWER

Main Engines	4 x Cat 3516B-HD
Main Generators	4 x Baylor @ 1,500 kW
Total Power	8,600 HP
Emergency Power	1 x Cat 3516B-HD x 2,681 HP

### DRILLING EQUIPMENT

Derrick	32 ft x 35 ft x 170 ft
Hookload	1,300 kips
Drawworks	NOV 1625 UDBE 3,000 HP
Racking Capacity	25,000ft 5-1/2"
Top Drive	NOV TDS-8SA, 750 st 63,000 ft/lbs Cont Torque @ 95 RPM
Pipe Handling	PH-100
Iron Roughneck	NOV Model IR-30120
Rotary Table	NOV D-495, 49.5"
Power Slips	NOV PS-21
Autodriller	Yes
Driller Instrumentation	Yes

### TUBULARS

Drill Pipe	5-1/2" DP
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### WELL CONTROL

BOP	Shaffer 21-1/4" 2k ABOP Cameron 20-3/4" 2k BOP Cameron 13-5/8" 10k ABOP Camron 13-5/8" 15k BOP
Diverter	30" Shaffer 1,000 psi
C&K Manifold	15k psi Power Chokes
BOP Hoist	2 x Ingersoll Rand hoists x 82.6 st
Conductor Tensioner	300 kips

### MUD SYSTEM

Mud Pumps	3 x LEWCO w-2214
Pressure Rating	7,500 psi
Shale Shakers	5 x Brandt CM-2/ LCM-3D

### LIFTING EQUIPMENT

Deck Crane	3 x LeTourneau PCM120SS
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Further information: +47 51 30 90 00 – [www.seadrill.com](http://www.seadrill.com)

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Main Block Rating

(120 ft) 83.3 st @ 25 ft & 98.4 st  
@ 22 ft / (100 ft) 98.4 st @ 30 ft  
& 14.99 @ 108 ft

Whip Line Rating

8.98 st @ 128 ft / 14.99 st @  
108 ft

### OFFLINE ACTIVITY CAPABILITY

Nil

### OTHER FEATURES

Dual mud system

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