

# RIG 2 - INTERNALLY GUYED SINGLE

Max Depth Capacity: 2,800 m

Class II

## MAST

Mast Type	<i>Stiff Single</i>	Drill Line Size (mm)	25.4
Mast MFG	<i>BW Rig</i>	Number of Lines	4
Static Hook Load (daN)	62,300	3:1 Capacity (daN)	55,800
Mast Clear Height (m)	21.3	2:1 Capacity (daN)	83,600
Racking Cap.-88.9mm (m)	2,100	Sandline Size (mm)	14.3 (3,000 m Max)
Racking Cap.-73.0mm (m)	2,500	Racking Cap.-60.3mm (m)	2,800

**Drill Line API Specification for EIPS 6 x 26 is:**

**3 : 1 Safety factor drilling; 2 : 1 Safety factor running casing or stuck pipe.**

## INTERNAL GUYED COMPONENTS

Rig Beam MFG	<i>Mainland</i>	Geronimo Plate MFG	<i>BW Rig</i>
Outriggers MFG	<i>BW Rig</i>		

## CARRIER

Carrier MFG	<i>Mainland</i>	Drawworks Drive	<i>CAT 11</i>
Drawworks Model	<i>Mainland M40</i>	Drive Rating (kW)	242
Rated Power (kW)	300	Transmission	<i>Allison 750</i>
Main Drum Brake Size (mm)	1,016 x 254	Sandline Drum Brake Size (mm)	1,016 x 254

## OVERHEAD EQUIPMENT

Block Type	<i>McKissick 75T</i>	Block Capacity (daN)	66,700
Bails Type	<i>Tool Pusher 150T</i>	Bail Capacity (daN)	111,200
Rod Hook Type	<i>Trico 25T</i>	Rod Hook Capacity (daN)	22,200
Tbg Elevator Type	<i>Diehl / Gearench / AOT</i>	Tbg Elevator Size (mm)	60.3 to 88.9
Rod Elevator Type	<i>O'Bannon / Trico / Neilson</i>	Rod Elevator Size (mm)	15.8 To 25.4

## HANDLING EQUIPMENT

Tbg Tongs Type	<i>Gill 58-93</i>	Tbg Tongs Size (mm)	60.3 to 88.9
Rod Tongs Type	<i>Oil Country Mark 4</i>	Rod Tongs Size (mm)	19.1 to 25.4
Rod Backoff Tool Type	<i>Oil Country</i>	Rod Backoff Tool Size (mm)	19.1 to 25.4
Air Slips Type	<i>C</i>		

## BOPs (NACE)

Double Gate MFG	<i>WSI Duke</i>	Pressure Rating & Size	21,000 kPa, 179 mm
Kill Spool Pressure Rating & Size			21,000 kPa, 179 mm c/w 50.8 mm Outlet and Valve
Safety Valve Pressure Rating & Size			34,500 kPa, 73 mm
Hydraulic Regan Pressure Rating & Size			21,000 kPa, 76.2 mm (Type - K)

## ACCUMULATOR

<b>Class II</b>			
Accumulator MFG	<i>Control Technology</i>	Max Operating Pressure (kPa)	21,000
Accumulator Vol. (l)	76	# of Stations	2

### SAFETY EQUIPMENT

Fire Extinguisher Size (qty)	13.6 kg (4)	Gas Detector	Yes
SCBA Quantity	2 w/ Spare Bottle	LEL Monitor	Yes
Self Retracting Lifeline (qty)	2	Crown Saver	Yes
		Pipe Ram Saver	Yes

### MOBILE DOGHOUSE

Generator Sets	Isuzu	Prime Rating (kW)	40
Change Room Size (m)	4.57 x 2.95	Bathroom Facilities	Yes
Generator House Size (m)	4.57 x 2.95		

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

Truck MFG & Model	Freightliner 2012	Mud Pump Drive	Detroit DD13
Pump MFG & Model	GD TEE 4 x 5	Pump Drive Rating (kW)	306
Pump Rated Power (kW)	123	Pump Pressure (kPa)	34,500
Pump Stroke Length (mm)	127	Centrifugal Pump Size (mm)	101 x 76
Manifold Valve Quantity	7	Transmission	Allison 4500 RDS
Manifold Rating (kPa)	34,500	# of Tank Compartments	2
Total Tank Volume (m <sup>3</sup> )	32	Line Pipe Rating (kPa)	34,500

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

Low Lying Slips Type	Bosch	Low Lying Slips Size (mm)	As Required
Personal H <sub>2</sub> S Monitor	As Required	NORM Radiation Monitor	As Required
Drill Out Head (mm)	As Required	Pipe Trailer	As Required
Skid Boiler (kW)	60	Mud Can	As Required

*Standard specifications represent the typical rig configuration, but could be subject to slight modifications from time to time due to customer requirements.*