



# RIG 27 - TELESCOPIC DOUBLE

Depth Capacity (TVD) : 3,600 m Rig Loads : 14 (+ Rentals & Pipe)

## MAST

Mast Type	<i>Telescopic Double</i>	Drill Line Size (mm)	28.6
Mast MFG	<i>Mastco</i>	Number of Lines	10
Static Hook Load (daN)	167,000	3:1 Capacity (daN)	157,000
Mast Clear Height (m)	32.0	2:1 Capacity (daN)	235,000

**Drill Line API Specification for EIPS 6 x19 is:**

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

## SUBSTRUCTURE

Substructure Type	<i>One Piece, Step-down</i>	Racking Capacity (101.6 mm)	4,900 m
Substructure MFG	<i>Mastco</i>	Racking Capacity (114.3 mm)	4,900 m (w/DS40 TJ)
Setback Capacity (daN)	133,000	Racking Capacity (127.0 mm)	3,750 m
BOP-Sub Clr. w/ Pony (m)	4.32	Rotary Table MFG	<i>BPMMP</i>
Floor Height w/ Pony (m)	5.18	Rotary Table Capacity (daN)	167,000
Pony Sub Height (m)	0.46	Rotary Table Size	17.5"

**Racking Capacity does NOT take into account the added weights of HWDP or drill collars.**

## DRAWWORKS (MECHANICAL)

Drawworks MFG	<i>TSM</i>	Drawworks Drive	<i>Detroit Series 60</i>
Drawworks Model	<i>TSM 7000</i>	Drive Rating (hp)	600
Single Line Pull (daN)	21,500	Auxiliary Brake	<i>Eaton 324WCBD</i>
Rated Power (hp)	850	Transmission	<i>Allison 6061</i>

## OVERHEAD EQUIPMENT

Block Model	<i>McKissick 250T</i>	Block Capacity (ton)	250
Hook Model	<i>McKissick 250T</i>	Hook Capacity (ton)	250
Topdrive	<i>Tesco 250-HXI-700</i>	Make-Up Torque (ft-lb)	32,000
Continuous Torque (ft-lb)	24,000	Break Out Torque (ft-lb)	32,000

## HIGH PRESSURE CIRCULATING SYSTEM

System Pressure (psi)	5,000
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## MUD PUMP 1

Pump MFG & Model	<i>TSC Offshore WF-1300</i>	Mud Pump Drive (qty)	<i>Cummins QST30</i>
Pump Rated Power (hp)	1,300	Pump Drive Rating (hp)	1,350
Pump Stroke Length	11"	Gear Box Ratio	2 : 1 & 3 : 1
Gear Box MFG	<i>Rouse Industries</i>	Gear Box Rated Power (hp)	1,350

## MUD SYSTEM

Total Volume (m <sup>3</sup> )	89	# of Mud Tanks	1
Active Volume (m <sup>3</sup> )	71	# of Compartments	3 + 1 Trip + 1 Pill
Trip Tank Volume (m <sup>3</sup> )	4.7	Pill Tank Volume (m <sup>3</sup> )	4.9
Agitators Power (qty)	5.6 kW (3)	Mixing Hopper (qty)	<i>Conventional (1)</i>
Centrifugal Pump Quantity	3	Centrifugal Pump Size (mm)	152 x 127 x 279
Shale Shaker (qty)	<i>Brandt King Cobra (2)</i>	Degasser Size (mm)	914



**BOPs (NACE)**

Annular	<i>IEI - Spherical</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>
Ram #1	<i>IEI - Single</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>
Ram #2	<i>IEI - Single</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>

**ACCUMULATOR**

Accumulator MFG	<i>Control Technology</i>	Operating Pressure (psi)	<i>3,000</i>
Accumulator Volume (l)	<i>454</i>	# of Stations	<i>5</i>

**CHOKE MANIFOLD (NACE)**

Type	<i>Single Gut</i>	Pressure Rating (psi)	<i>3,000</i>
Size	<i>2-1/16"</i>		

**GENERATOR SETS**

Generator MFG	<i>Stamford</i>	Engine MFG	<i>Detroit</i>
Generator Model (qty)	<i>HCI534D1L (2)</i>	Engine Model (qty)	<i>Series 60 (2)</i>
Prime Rating (kW)	<i>470 (Each)</i>	Voltage (V)	<i>208 / 480</i>

**MISCELLANEOUS EQUIPMENT**

Fuel Tank Capacity (m <sup>3</sup> )	<i>17 (Total)</i>	Pipe Tub Type	<i>Hydraulic+Conventional</i>
# of Fuel Tanks	<i>1</i>	Catwalk	<i>Hydraulic</i>
Water Tank Capacity (m <sup>3</sup> )	<i>70 (Total)</i>	Catwalk Clear Height	<i>N/A</i>
# of Water Tanks	<i>1</i>	Catwalk Clear Width	<i>N/A</i>

**RENTAL**

Boiler MFG	<i>Indeck Boiler Corp.</i>	Boiler Rating (hp)	<i>125</i>
Flare Tank Skid	<i>As Required</i>	Loader	<i>As Required</i>

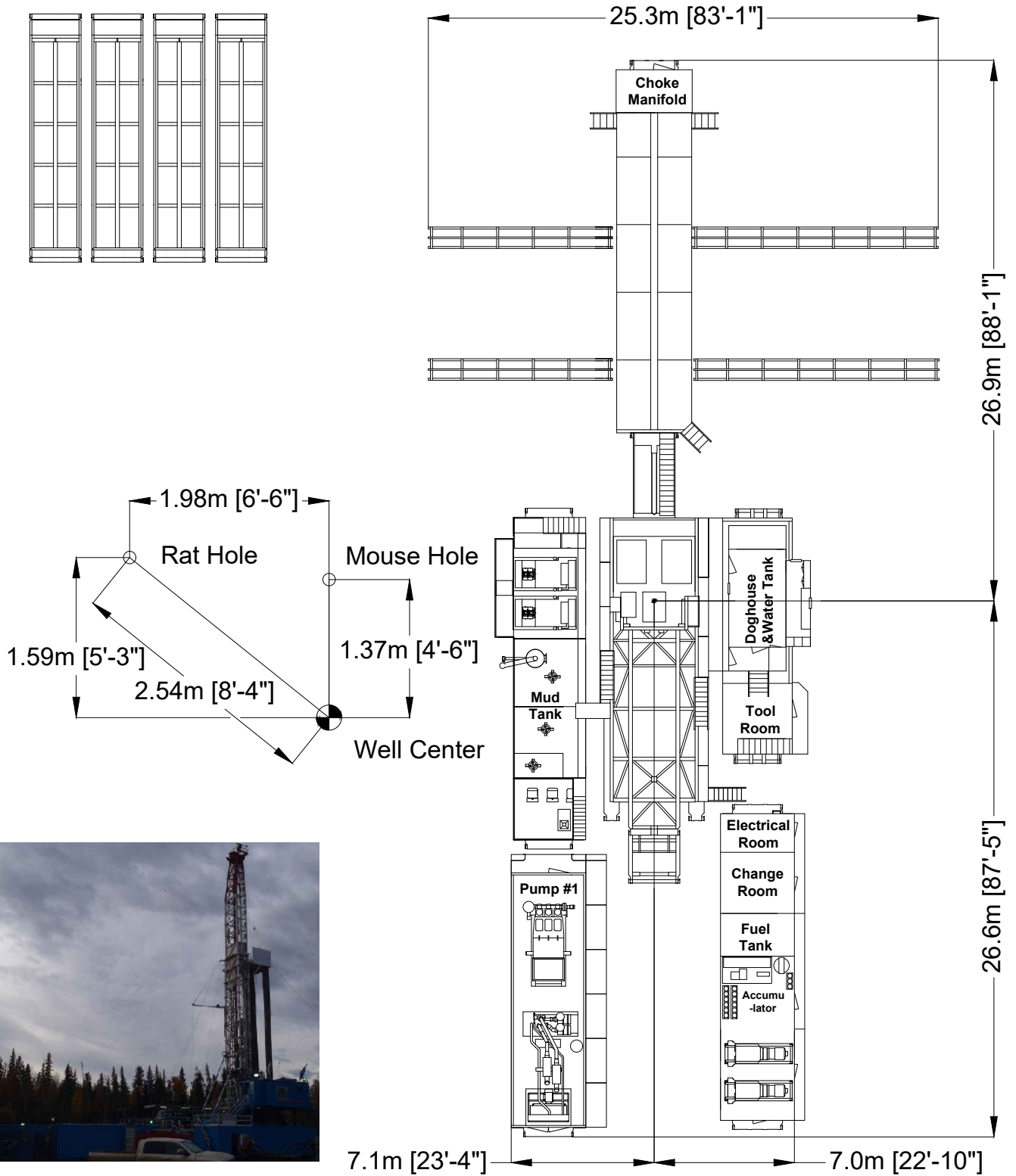
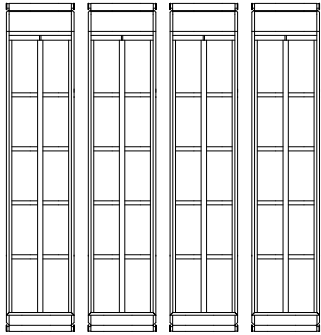
**Rental equipment are not included in the rig load count.**

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

# RIG 27 – TELESCOPIC DOUBLE

Depth Capacity (TVD): 3,600 m / 11,800'



*Quantity of pipe tubs in the layout may vary due to customer requirements.*