



RIG 7 - TELESCOPIC SINGLE

Depth Capacity (TVD) : 3,200 m Rig Loads : 13 (+ Rentals & Pipe)

MAST

Mast Type	<i>Telescopic Single</i>	Drill Line Size (mm)	28.6
Mast MFG	<i>Quality Fabricating</i>	Number of Lines	8
Static Hook Load (daN)	133,000	3:1 Capacity (daN)	130,000
Mast Clear Height (m)	24.4	2:1 Capacity (daN)	195,000

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>	Setback Capacity (daN)	N/A
Substructure MFG	<i>Quality Fabricating</i>	Racking Capacity (m)	N/A
BOP-Sub Clr. w/ Pony (m)	3.20	Table MFG	<i>Rigmaster</i>
Floor Height w/ Pony (m)	3.81	Table Capacity (daN)	111,000
Pony Sub Height (m)	<i>Pontoon</i>	Table Size	20.5"

DRAWWORKS (AC)

Drawworks MFG	<i>Rigmaster</i>	Drawworks Drive	<i>OEM TT600 5901B</i>
Drawworks Model	<i>E30 AC</i>	Drive Rating (hp)	600
Single Line Pull (daN)	17,800	Brake System	<i>2 Static & 1 Dynamic</i>
Rated Power (hp)	600		

OVERHEAD EQUIPMENT

Topdrive	<i>Foremost F-150TA</i>	Make-Up Torque (ft-lb)	24,000
Continuous Torque (ft-lb)	23,000	Break Out Torque (ft-lb)	25,860
Block Model	<i>Integrated</i>	Block Capacity (ton)	150
Hook Model	<i>Integrated</i>	Hook Capacity (ton)	150

HIGH PRESSURE CIRCULATING SYSTEM

System Pressure (psi)	3,000
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MUD PUMP 1

Pump MFG & Model	<i>TSC Offshore WF-1300</i>	Mud Pump Drive	<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 (Each)

MUD SYSTEM

Total Volume (m ³)	84	# of Mud Tanks	1
Active Volume (m ³)	67	# of Compartments	4 + 1 Trip + 1 Pill
Trip Tank Volume (m ³)	3.9	Pill Tank Volume (m ³)	2.8
Agitators Power (qty)	5.6 kW (4)	Mixing Hopper (qty)	<i>Conventional (2)</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)	762



BOPs (NACE)

Annular	<i>Townsend T-84 GK</i>	Pressure Rating & Size	<i>3,000 psi, 11"</i>
Ram #1	<i>Townsend T-82-Single</i>	Pressure Rating & Size	<i>3,000 psi, 11"</i>
Ram #2	<i>Townsend T-82-Single</i>	Pressure Rating & Size	<i>3,000 psi, 11"</i>

ACCUMULATOR

Accumulator MFG	<i>Control Technology</i>	Operating Pressure (psi)	<i>3,000</i>
Accumulator Volume (l)	<i>318</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>HCI534F1H (2)</i>	Engine Model (qty)	<i>Series 60 (2)</i>
Prime Rating (kW)	<i>511 (Each)</i>	Voltage (V)	<i>208 / 600</i>

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m ³)	<i>16 (Total)</i>	Catwalk	<i>Hydraulic</i>
# of Fuel Tanks	<i>1</i>	Catwalk Clear Height	<i>N/A</i>
Water Tank Capacity (m ³)	<i>71 (Total)</i>	Catwalk Clear Width	<i>N/A</i>
# of Water Tanks	<i>1</i>	Floor Wrench Type	<i>Rigmaster RB-10.5-L</i>
Pipe Tub Type	<i>Hydraulic+Conventional</i>	Max Torque (ft-lb)	<i>68,000</i>

RENTAL

Boiler MFG	<i>Sask. Boiler MFG. Co. Ltd.</i>	Boiler Rating (hp)	<i>100</i>
Flare Tank Skid	<i>As Required</i>	Loader	<i>As Required</i>

Rental equipment are not included in the rig load count.

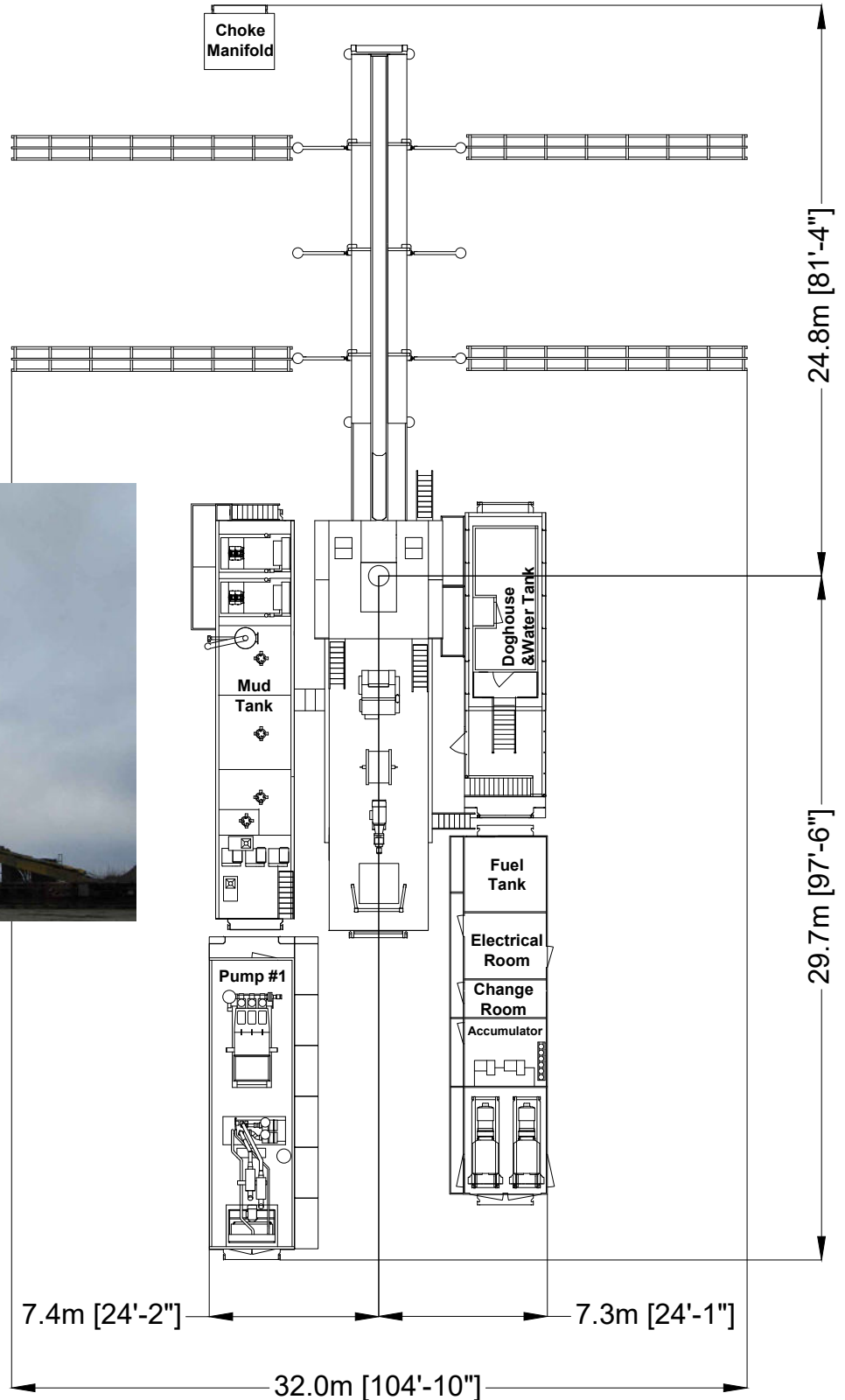
AC FEATURES

Climate Controlled Doghouse	Drawworks PLC
Driller's Console	ABB Drives
Generator Synchronization	

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

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Depth Capacity (TVD): 3,200 m / 10,500'



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