



RIG 9 - TELESCOPIC SINGLE

Depth Capacity (TVD) : 3,200 m Rig Loads : 12 (+ 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 Model	<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>Reliance Electric</i>
Drawworks Model	<i>E30 AC</i>	Drive Rating (hp)	1,000
Single Line Pull (daN)	17,800	Brake System	<i>2 Static & 1 Dynamic</i>
Rated Power (hp)	1,000		

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)	5,000
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MUD PUMP 1 (AC)

Pump MFG & Model	<i>TSC Offshore WF-1300</i>	Mud Pump Drive	<i>GE GEB22D1</i>
Pump Rated Power (hp)	1,300	Pump Drive Rating (hp)	1,150
Pump Stroke Length	11"		

MUD SYSTEM

Total Volume (m ³)	84	# of Mud Tanks	1
Active Volume (m ³)	79	# of Compartments	<i>4 + 1 Trip + 1 Pill</i>
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 (1)</i>
Centrifugal Pump Quantity	3	Centrifugal Pump Size (mm)	152 x 127 x 279
Shale Shaker (qty)	<i>Brandt Cobra (2)</i>	Degasser Size (mm)	762



BOPs (NACE)

Annular	<i>T3 7082 Spherical</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>
Ram #1	<i>T3 6031-Single</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>
Ram #2	<i>T3 6031-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>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 (3)</i>	Engine Model (qty)	<i>Series 60 (3)</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>		

Rental equipment are not included in the rig load count.

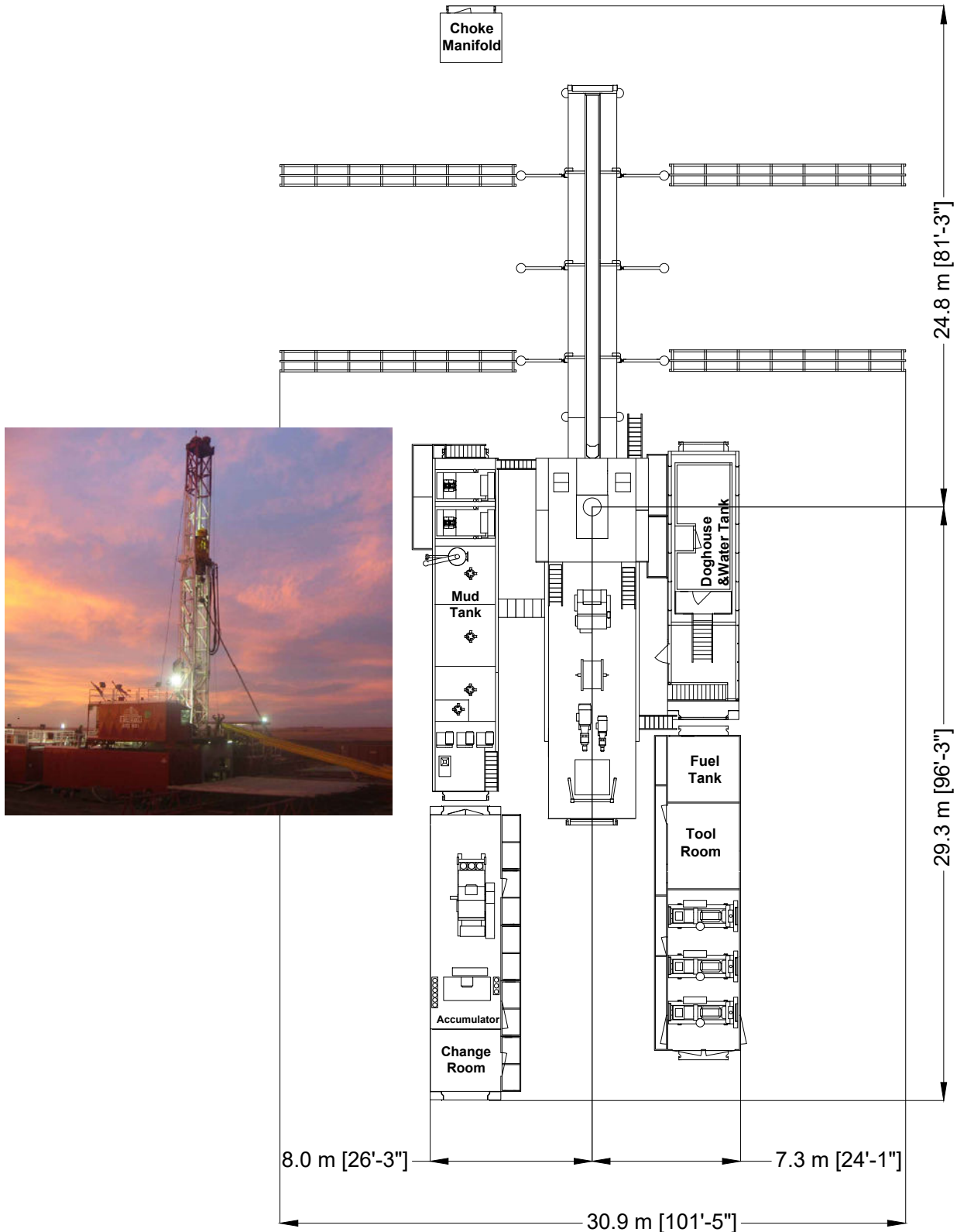
AC FEATURES

Climate Controlled Doghouse	Drawworks PLC
Driller's Console	Mud Pump PLC
Generator Synchronization	Catwalk PLC
Hampton-ABB Drives	Floor Wrench PLC

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

RIG 9 – TELESCOPIC SINGLE

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



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