



RIG 61 - TELESCOPIC SINGLE

Depth Capacity (TVD) : 2,200 m Rig Loads : 11 (+ Rentals & Pipe)

MAST

Mast Type	<i>Telescopic Single</i>	Drill Line Size (mm)	25.4
Mast MFG	<i>Mastco</i>	Number of Lines	8
Static Hook Load (daN)	96,000	3:1 Capacity (daN)	103,600
Mast Clear Height (m)	22.3	2:1 Capacity (daN)	155,500

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>Laden Steel</i>	Racking Capacity (m)	N/A
BOP-Sub Clr. w/ Pony (m)	3.81	Rotary Table MFG	<i>BOMCO</i>
Floor Height w/ Pony (m)	4.42	Rotary Table Capacity (daN)	96,000
Pony Sub Height (m)	<i>Pontoon</i>	Rotary Table Size	20.5"

DRAWWORKS (MECHANICAL)

Drawworks MFG	<i>TSM</i>	Drawworks Drive	<i>Detroit Series 60</i>
Drawworks Model	<i>TSM 3000</i>	Drive Rating (hp)	400
Single Line Pull (daN)	14,200	Auxiliary Brake	<i>Eaton 124WCBD</i>
Rated Power (hp)	400	Transmission	<i>Allison HT750DR</i>

OVERHEAD EQUIPMENT

Topdrive	<i>FDS 150</i>	Make-Up Torque (ft-lb)	13,000
Continuous Torque (ft-lb)	12,000	Break Out Torque (ft-lb)	15,000
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
-----------------------	-------

MUD PUMP 1

Pump MFG & Model	<i>JBI HeNan JF-1000</i>	Mud Pump Drive	<i>Detroit Series 2000</i>
Pump Rated Power (hp)	1,000	Pump Drive Rating (hp)	1,005
Pump Stroke Length	10"	Gear Box Ratio	2 : 1 & 3 : 1
Gear Box MFG	<i>Rouse Industries</i>	Gear Box Rated Power (hp)	1,350

MUD SYSTEM WITH HYDRAULIC ROOF

Total Volume (m ³)	51	# of Mud Tanks	1
Active Volume (m ³)	43	# of Compartments	3 + 1 Trip + 1 Pill
Trip Tank Volume (m ³)	2.5	Pill Tank Volume (m ³)	2.0
Agitators Power (qty)	5.6kW (2)	Mixing Hopper (qty)	<i>Conventional</i>
Centrifugal Pump Quantity	3	Centrifugal Pump Size (mm)	152 x 127 x 279
Shale Shaker (qty)	<i>Mi-Swaco Mongoose Pro (1)</i>	Degasser Size (mm)	762



BOPs (NACE)

Annular	<i>Townsend T-84</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>
Ram #1	<i>Townsend T82 - Single</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>
Ram #2	<i>Townsend T82 - Single</i>	Pressure Rating & Size	<i>3,000 psi, 9"</i>

ACCUMULATOR

Accumulator MFG	<i>CPC</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>HCI534D1L (2)</i>	Engine Model (qty)	<i>Series 60 (2)</i>
Prime Rating (kW)	<i>438 (Each)</i>	Voltage (V)	<i>208 / 480</i>

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m ³)	<i>10 (Total)</i>	Pipe Tub Type	<i>Hydraulic+Conventional</i>
# of Fuel Tanks	<i>1</i>	Catwalk	<i>Hydraulic</i>
Water Tank Capacity (m ³)	<i>36 (Total)</i>	Catwalk Clear Height	<i>N/A</i>
# of Water Tanks	<i>1</i>	Catwalk Clear Width	<i>N/A</i>

RENTAL

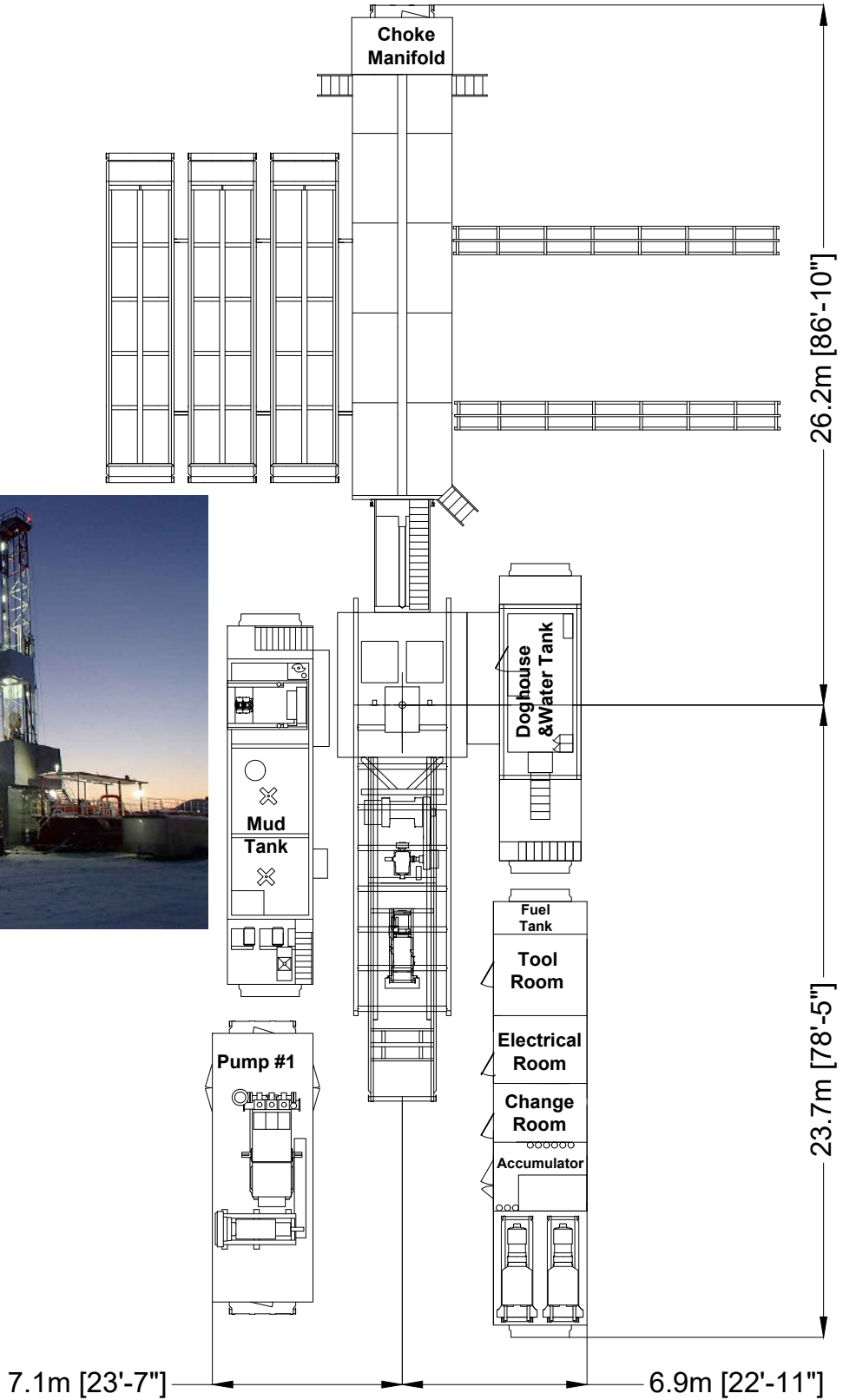
Boiler MFG	<i>Sask. Boiler MFG. Co. Ltd.</i>	Boiler Rating (hp)	<i>125</i>
Flare Tank Skid	<i>As Required</i>	Loader	<i>As Required</i>

Rental equipment are not included in the rig load count.

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

RIG 61 – TELESCOPIC SINGLE

Depth Capacity (TVD): 2,200 m / 7,200'



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