



RIG 18 - 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>Northern Trans.</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>Northern Trans.</i>	Racking Capacity (m)	N/A
BOP-Sub Clr. w/ Pony (m)	3.25	Rotary Table MFG	<i>Super Bowl</i>
Floor Height w/ Pony (m)	3.81	Rotary Table Capacity (daN)	111,000
Pony Sub Height (m)	<i>Pontoon</i>	Rotary Table Size	17.5"

DRAWWORKS (MECHANICAL)

Drawworks MFG	<i>Hi Quality Machine</i>	Drawworks Drive	<i>CAT 3406</i>
Drawworks Model	<i>HQM-2500</i>	Drive Rating (hp)	515
Single Line Pull (daN)	16,600	Auxiliary Brake	<i>Eaton 224WCBD</i>
Rated Power (hp)	500	Transmission	<i>Allison 6061</i>

OVERHEAD EQUIPMENT

Topdrive	<i>Foremost F-150T</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

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

MUD SYSTEM

Total Volume (m ³)	77	# of Mud Tanks	1
Active Volume (m ³)	61	# of Compartments	4 + 1 Trip + 1 Pill
Trip Tank Volume (m ³)	2.5	Pill Tank Volume (m ³)	4.7
Agitators Power (qty)	5.6 kW (2)	Mixing Hopper (qty)	<i>Conventional (1)</i>
Centrifugal Pump Quantity	3	Centrifugal Pump Size (mm)	152 x 127 x 279
Shale Shaker (qty)	<i>Mi-Swaco Mongoose Pro Dual</i>	Degasser Size (mm)	660



BOPs (NACE)

Annular	<i>Townsend T84</i>	Pressure Rating & Size	<i>3,000 psi, 11"</i>
Ram #1	<i>Shafco - Single</i>	Pressure Rating & Size	<i>3,000 psi, 11"</i>
Ram #2	<i>Shafco - Single</i>	Pressure Rating & Size	<i>3,000 psi, 11"</i>

ACCUMULATOR

Accumulator MFG	<i>T3 Energy Services</i>	Operating Pressure (psi)	<i>3,000</i>
Accumulator Volume (l)	<i>303</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>HCI534D1 (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 ³)	<i>13 (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>61 (Total)</i>	Catwalk Clear Width	<i>N/A</i>
# of Water Tanks	<i>1</i>	Floor Wrench Type	<i>Canrig TM-120</i>
Pipe Tub Type	<i>Hydraulic+Conventional</i>	Make-Up Torque (ft-lb)	<i>90,000</i>
		Break Out Torque (ft-lb)	<i>120,000</i>

RENTAL

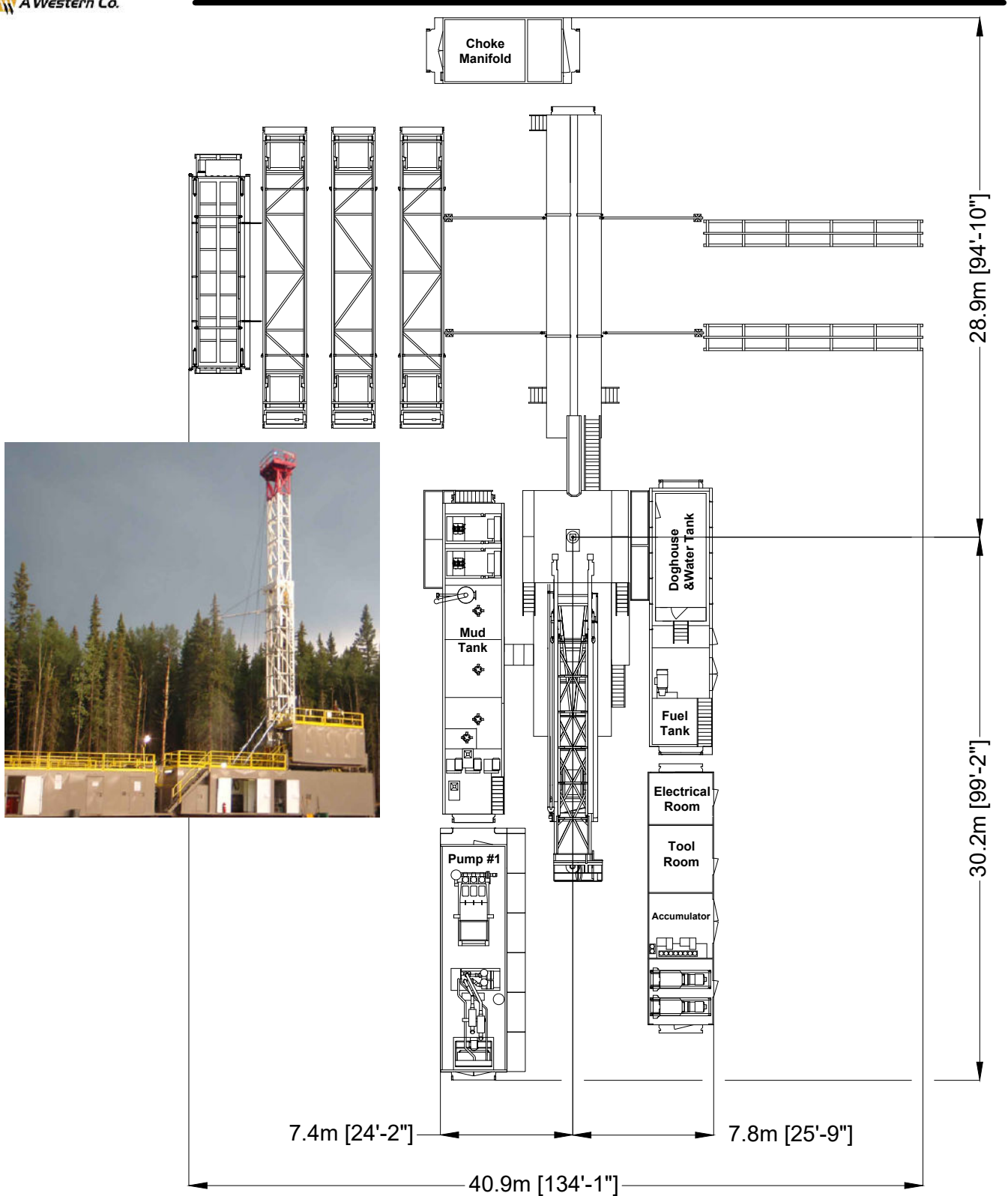
Boiler MFG	<i>Liberty Boilers & Mech.</i>	Boiler Rating (hp)	<i>100</i>
Flare Tank Skid	<i>As Required</i>	Loader	<i>As Required</i>

Rental equipment are not included in the rig load count.

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.