



RIG 44 - TELESCOPIC DOUBLE

Depth Capacity (TVD) : 4,000m Rig Loads : 19 (+ Rentals & Pipe)

MAST

Mast Type	<i>Telescopic Double</i>	Drill Line Size (mm)	28.6
Mast MFG	<i>NOV</i>	Number of Lines	10
Static Hook Load (daN)	178,000	3:1 Capacity (daN)	157,000
Mast Clear Height (m)	33.5	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)	5,200 m
Substructure MFG	<i>NOV</i>	Racking Capacity (114.3 mm)	5,200 m (w/DS40 TJ)
Setback Capacity (daN)	142,000	Racking Capacity (127.0 mm)	4,000 m
BOP-Sub Clr. w/ Pony (m)	4.57	Rotary Table MFG	<i>Dreco</i>
Floor Height w/ Pony (m)	5.64	Rotary Table Capacity (daN)	178,000
KB - Ground w/ Pony (m)	6.05	Rotary Table Size	20.5"
Pony Sub Height (m)	1.07		

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>CAT C-18</i>
Drawworks Model	<i>TSM 7000</i>	Drive Rating (hp)	700
Single Line Pull (daN)	21,500	Auxiliary Brake	<i>Eaton 324WCBD</i>
Rated Power (hp)	850	Transmission	<i>Allison S6610H</i>

OVERHEAD EQUIPMENT

Block Model	<i>McKissick 250T</i>	Block Capacity (ton)	250
Hook Model	<i>McKissick 250T</i>	Hook Capacity (ton)	250
Swivel Model	<i>National P-200</i>	Swivel Capacity (ton)	200

HIGH PRESSURE CIRCULATING SYSTEM

System Pressure (psi)	5,000
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MUD PUMPS

Pump MFG & Model (qty)	<i>Gardner Denver PZ-9 (2)</i>	Mud Pump Drive (qty)	<i>CAT 3508 (2)</i>
Pump Rated Power (hp)	1,000 (Each)	Pump Drive Rating (hp)	900 (Each)
Pump Stroke Length	9"		

MUD SYSTEM WITH HYDRAULIC ROOF

Total Volume (m ³)	163	# of Mud Tanks	2
Active Volume (m ³)	134	# of Compartments	5 + 1 Trip + 1 Pill
Trip Tank Volume (m ³)	4.9	Pill Tank Volume (m ³)	4.9
Agitators Power (qty)	11.2 kW (1) + 5.6 kW (3)	Mixing Hopper (qty)	<i>Chemical Shearer (1)</i>
Shale Shaker (qty)	<i>Derrick FLC 2000 (2)</i>		<i>Conventional (1)</i>
Degasser Size (qty)	914 mm (2)	Centrifugal Pump Quantity	4
Remote Degasser Tank	16.6 m ³	Centrifugal Pump Size (mm)	152 x 127 x 279 (3) 203 x 152 x 279 (1)



BOPs (NACE)

Annular	<i>HRSB Spherical</i>	Pressure Rating & Size	<i>5,000 psi, 11"</i>
Ram #1	<i>HRSB - Single</i>	Pressure Rating & Size	<i>5,000 psi, 11"</i>
Ram #2	<i>HRSB - Single</i>	Pressure Rating & Size	<i>5,000 psi, 11"</i>

ACCUMULATOR

Accumulator MFG	<i>Control Technology</i>	Operating Pressure (psi)	<i>3,000</i>
Accumulator Volume (l)	<i>636</i>	# of Stations	<i>6</i>

CHOKE MANIFOLD (NACE)

Type	<i>Double Gut</i>	Pressure Rating (psi)	<i>5,000</i>
Size	<i>3-1/8"</i>		

GENERATOR SETS

Generator MFG	<i>Marathon</i>	Engine MFG	<i>CAT</i>
Generator Model (qty)	<i>572RSL4027 (2)</i>	Engine Model (qty)	<i>C-16 (2)</i>
Prime Rating (kW)	<i>410 (Each)</i>	Voltage (V)	<i>208 / 480</i>

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m ³)	<i>22 (Total)</i>	Pipe Tub Type	<i>Hyd. + Conventional</i>
# of Fuel Tanks	<i>1</i>	Catwalk	<i>Hydraulic</i>
Water Tank Capacity (bbl)	<i>486 (Total)</i>	Catwalk Clear Height	<i>23-1/2"</i>
# of Water Tanks	<i>1</i>	Catwalk Clear Width	<i>34"</i>

RENTAL

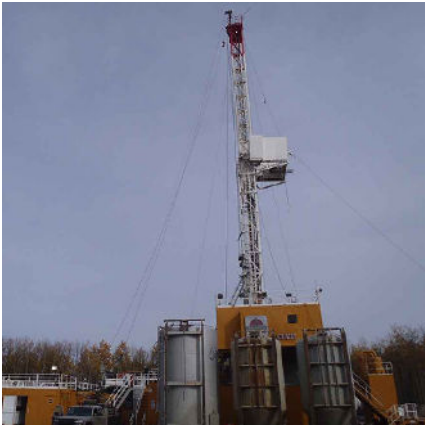
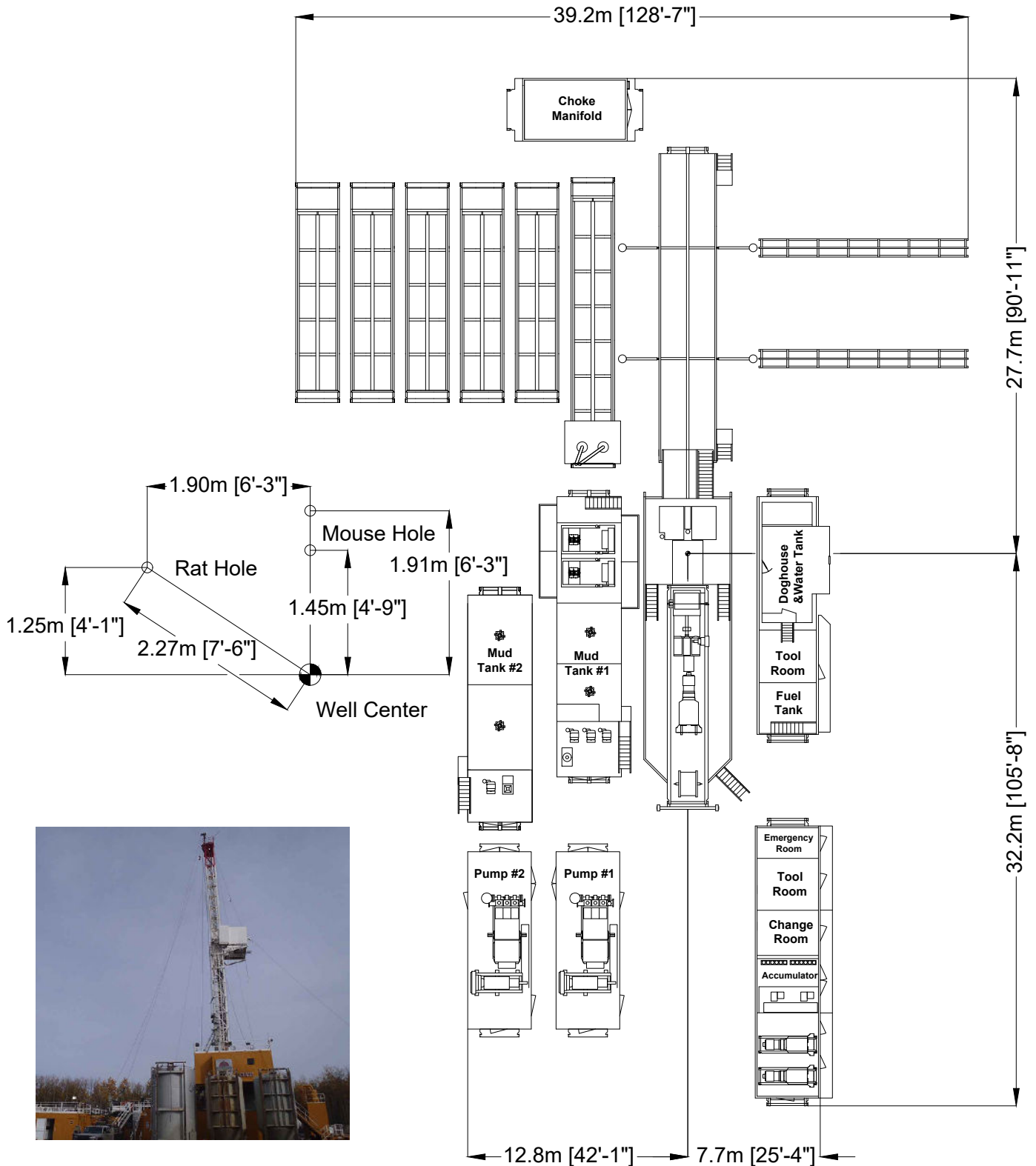
Boiler MFG	<i>Sask. Boiler MFG. Co. Ltd.</i>	Boiler Rating (hp)	<i>125</i>
Flare Tank Skid	<i>As Required</i>	Loader	<i>As Required</i>

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.

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Depth Capacity (TVD): 4,000 m / 13,100'



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