



RIG 29 - TELESCOPIC DOUBLE

Depth Capacity (TVD) : 3,600m Rig Loads : 16 (+ Rentals & Pipe)

MAST

Mast Type	<i>Telescopic Double</i>	Drill Line Size (mm)	28.6
Mast MFG	<i>Mastco</i>	Number of Lines	8
Static Hook Load (daN)	167,000	3:1 Capacity (daN)	130,000
Mast Clear Height (m)	32.0	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>	Racking Capacity (101.6 mm)	4,900 m
Substructure MFG	<i>Mastco</i>	Racking Capacity (114.3 mm)	4,900 m (w/DS40 TJ)
Setback Capacity (daN)	133,000	Racking Capacity (127.0 mm)	3,750 m
BOP-Sub Clr. w/ Pony (m)	4.32	Rotary Table MFG	<i>BOMCO</i>
Floor Height w/ Pony (m)	5.18	Rotary Table Capacity (daN)	167,000
Pony Sub Height (m)	0.46	Rotary Table Size	17.5"

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>Detroit Series 60</i>
Drawworks Model	<i>TSM 7000</i>	Drive Rating (hp)	600
Single Line Pull (daN)	21,500	Auxiliary Brake	<i>Eaton 324WCBD</i>
Rated Power (hp)	850	Transmission	<i>Allison 6061</i>

OVERHEAD EQUIPMENT

Block Model	<i>American Block 250T</i>	Block Capacity (ton)	250
Becket Model	<i>RA Hodgson 250T</i>	Becket Capacity (ton)	250
Topdrive	<i>Tesco 250-HXI-700</i>	Make-Up Torque (ft-lb)	32,000
Continuous Torque (ft-lb)	24,000	Break Out Torque (ft-lb)	32,000

HIGH PRESSURE CIRCULATING SYSTEM

System Pressure (psi)	5,000
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MUD PUMPS

Pump MFG & Model (qty)	<i>JBI HeNan JF-1000 (2)</i>	Mud Pump Drive (qty)	<i>Detroit Series 2000 (2)</i>
Pump Rated Power (hp)	1,000 (Each)	Pump Drive Rating (hp)	760 (Each)
Pump Stroke Length	10"		

MUD SYSTEM

Total Volume (m ³)	101	# of Mud Tanks	1
Active Volume (m ³)	84	# of Compartments	3 + 1 Trip + 1 Pill
Trip Tank Volume (m ³)	4.6	Pill Tank Volume (m ³)	2.0
Agitators Power (qty)	5.6 kW (2)	Mixing Hopper (qty)	<i>Chemical Shearer (1)</i>
Centrifugal Pump Quantity	4	Centrifugal Pump Size (mm)	152 x 127 x 279
Shale Shaker (qty)	<i>Derrick FLC 2000 (2)</i>	Degasser Size (mm)	762



BOPs (NACE)

Annular	<i>Townsend GK</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>454</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>470 (Each)</i>	Voltage (V)	<i>208 / 480</i>

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m ³)	<i>17 (Total)</i>	Pipe Tub Type	<i>Conventional</i>
# of Fuel Tanks	<i>1</i>	Catwalk	<i>Hydraulic</i>
Water Tank Capacity (m ³)	<i>70 (Total)</i>	Catwalk Clear Height	<i>28-3/4"</i>
# of Water Tanks	<i>1</i>	Catwalk Clear Width	<i>35"</i>

RENTAL

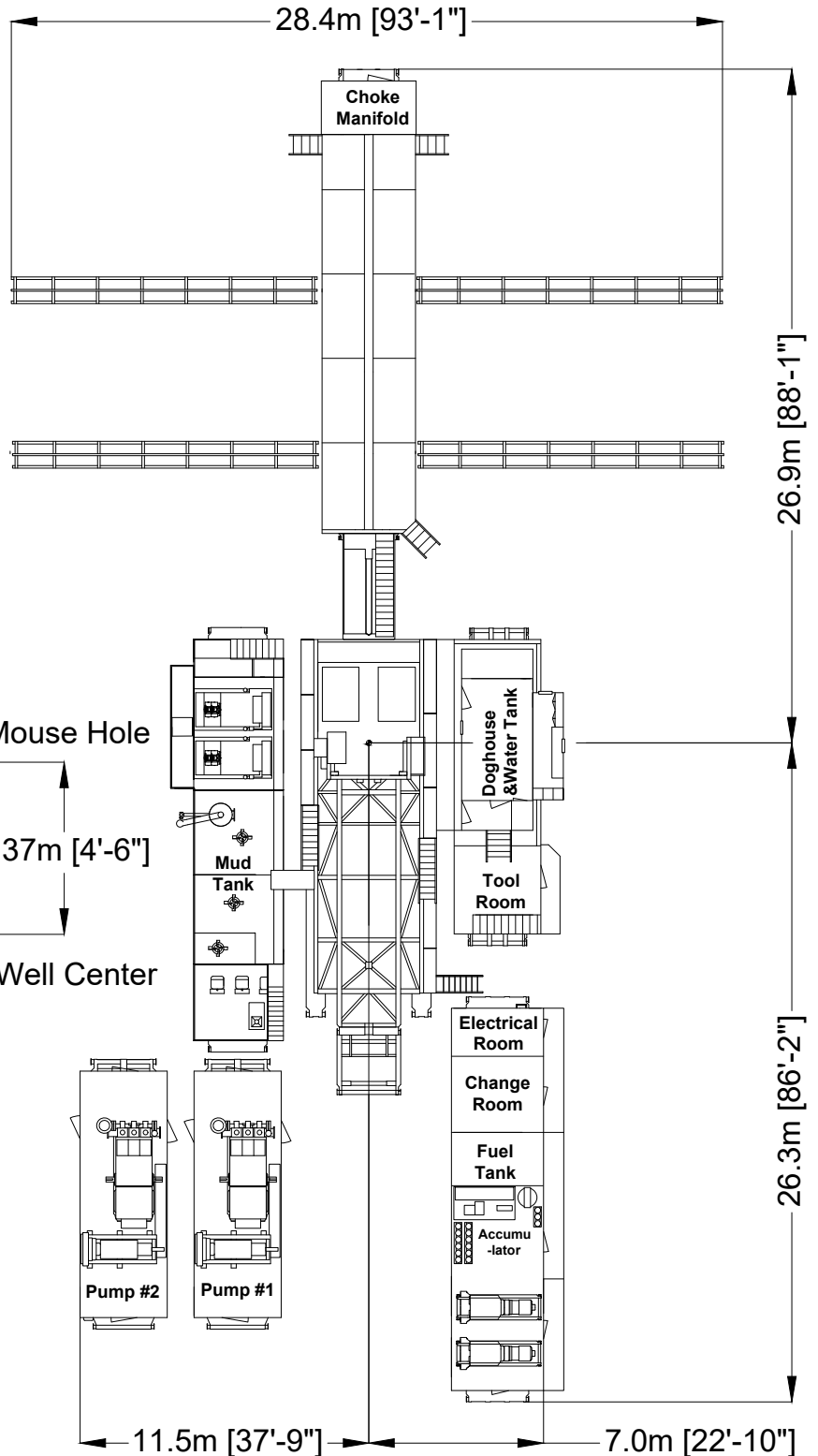
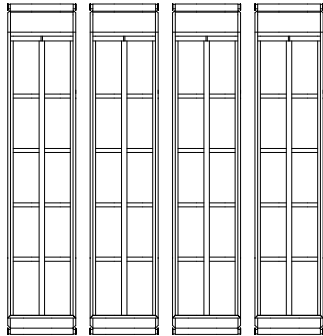
Boiler MFG	<i>Indeck Boiler Corp.</i>	Boiler Rating (hp)	<i>125</i>
Flare Tank Skid	<i>As Required</i>	Loader	<i>As Required</i>

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): 3,600 m / 11,800'



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