



# RIG 18 - TELESCOPIC SINGLE

Depth Capacity (TVD) : 3,200 m Rig Loads : 16 (+ Rentals & Pipe)

## MAST

Mast Type	<i>Telescopic Single</i>	Drill Line Size (mm)	28.6
Mast MFG	<i>R.A. Hodgson</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>R.A. Hodgson</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)	23,500
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 PUMPS

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 <sup>3</sup> )	79	# of Mud Tanks	1
Active Volume (m <sup>3</sup> )	60	# of Compartments	4 + 1 Trip + 1 Pill
Trip Tank Volume (m <sup>3</sup> )	3.4	Pill Tank Volume (m <sup>3</sup> )	5.6
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 <sup>3</sup> )	<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 <sup>3</sup> )	<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>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 &amp; 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.*

# RIG 18 – TELESCOPIC SINGLE

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

