



# RIG 1TD

## Depth Capacity (TVD):3200 m Rig Loads- 19 Summer / 20 Winter

Loads may vary with Tubular requirements

### MAST

Mast Type	Telescopic Double	Drill Line Size (mm)	28.6
Mast Model	ZK 20	Number of Lines	8
Static Hook Load (daN)	133,333		
Mast Clear Height (m)	31		

### SUBSTRUCTURE

Substructure Type	One Piece, step-down	Substructure Model	DZ 135 4.5
BOP-Sub Clear Height (m)	3.52	Rotary Table Model	ZP 175
Ground to KB Height (m)	4.95	Rotary Table Capacity (daN)	125,000
Setback Capacity (daN)	120,000	Rotary Table Size (mm)	444.5
Racking Capacity (m)*	4,000		

\* Racking Capacity is calculated w/ 101.6mm pipe

### DRAWWORKS (MECHANICAL)

Drawworks Model	JC 20	Drawworks Drive	Cummins QSX15
Single Line Pull (daN)	21,000	Drive Rating (kW)	470
Rated Power (kW)	450	Auxiliary Brake	224 Eaton
Transmission Model	Allison S6610H		

### OVERHEAD EQUIPMENT

Block/Hook Model	YG 135C	Block Capacity (daN)	135,000
Swivel Model	Arctic T - 200	Swivel Capacity (daN)	160,000

### MUDPUMPS (2)

Model	F 1000	Mudpump Drive	Cummins QSK23
Rated Power (kW)	745	Pumpdrive rating (kW)	783
Stroke Length (mm)	254		

\*\*\* 35,000kpA High pressure circulating system

### MUD SYSTEM

Total Volume (m3)	72	# of Mudtanks	1
Active Volume (m3)	65	# of Compartments	5 Useable
Trip Tank Volume (m3)	6.4	Pill Tank Volume (m3)	2
Agitators Power (qty)	4x7.5kW	Centrifugal Pump Size (mm)	127x152x279
Centrifugal Pump Quantity	2x37.3kW	Degasser Size (mm)	762
Shale Shaker	2xSwaco Mongoose		

### ACCUMULATOR

Accumulator Manufacture	RG Petro	Operating Pressure (kpA)	21,000
Accumulator Volume (l)	320	# of stations	5

### BOP'S (NACE)

Annular	RS Spherical	Pressure Rating & Size	21,000kpA, 229mm
Ram #1	RS Single Blind	Pressure Rating & Size	21,000kpA, 229mm
Ram #2	RS Single Pipe	Pressure Rating & Size	21,000kpA, 229mm



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## CHOKE MANIFOLD (NACE)

Type	Single Gut
Size (mm)	76

Pressure Rating & Size	21,000kPa
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## GENERATOR SETS (2)

Manufacture	Stamford
Generator Model (qty)	2
Rating (kW)	400/500

Engine Manufacture	Cummins
Engine Model	QSX-15

## MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m3)	18
# Fuel Tanks	1
Water Tank Capacity (m3)	65
# Water Tanks	1

Pipetubs	Hydraulic/Conventional
Catwalk	Hydraulic Skate

## TUBULARS

Based on operator's program requirements

## BOILER

Boiler Manufacture	Williams & Davis
Fuel Tank capacity	6m3

Boiler Rating (kW)	93
Water Tank Capacity	20m3

## TOPDRIVE

Ready to accept