



RIG 3TD

Depth Capacity (TVD): 4500 Rig Loads w/ Topdrive: 24 Summer/25 Winter

Loads may vary with Tubular requirements

MAST

Mast Type	Telescopic Double	Drill Line Size (mm)	28.6
Mast Model	MT106-9.5-400G	Number of Lines	10
Static Hook Load (daN)	204,600		
Mast Clear Height (m)	32.3		

SUBSTRUCTURE

Substructure Type	One Piece, step-down	Substructure Model	ST14-14.2-400G
BOP-Sub Clear Height (m)	3.69	Rotary Table Model	Fargo 17RT
Ground to Rotary Top Height	5.64 w/ Pony Sub	Rotary Table Capacity (daN)	160,000
Setback Capacity (daN)	155,700	Rotary Table Size (mm)	444.5
Racking Capacity (m)	5,300		

* Racking Capacity is calculated w/ 101.6mm pipe

DRAWWORKS (MECHANICAL)

Drawworks Model	Rigworks RWD700T	Drawworks Drive	Cummins QSX15
Single Line Pull (daN)	22,700	Drive Rating (kW)	470
Rated Power (kW)	570	Auxiliary Brake	136 WCDB Eaton
Transmission Model	Allison S6610H		

OVERHEAD EQUIPMENT

Block/Hook Model	BHU200	Block Capacity (daN)	177,000
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MUDPUMPS (2)

Model	WF 1300	Mudpump Drive	Cummins QST30
Rated Power (kW)	970	Pumpdrive rating (kW)	1007
Stroke Length (mm)	279		

*** 35,000kpA High pressure circulating system

MUD SYSTEM

Total Volume (m3)	100	# of Mudtanks	2
Active Volume (m3)	85	# of Compartments	7 Useable
Trip Tank Volume (m3)	6.4	Pill Tank Volume (m3)	7.1
Agitators Power (qty)	4x7.5kW	Centrifugal Pump Size (mm)	127x152x279
Centrifugal Pump Quantity	2x37.3kW	Degasser Size (mm)	762
Shale Shaker (2)	Swaco Mongoose		

ACCUMULATOR

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

BOP'S (NACE)

Annular	HEC Shaffer	Pressure Rating & Size	21,000kpA, 279mm
Ram #1	RS Single	Pressure Rating & Size	21,000kpA, 279mm
Ram #2	RS Single	Pressure Rating & Size	21,000kpA, 279mm



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CHOKE MANIFOLD (NACE)

Type	Single Gut	Pressure Rating & Size	21,000kPa
Size (mm)	76		

GENERATOR SETS (2)

Manufacture	Stamford	Engine Manufacture	Cummins
Generator Model (qty)	2	Engine Model	QSX-15
Rating (kW)	455/500 (each)		

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (m3)	18	Pipetubs	Hydraulic/Conventional
# Fuel Tanks	1	Catwalk	Hydraulic Skate
Water Tank Capacity (m3)	85		
# Water Tanks	1		

TUBULARS

Based on operator's program requirements

BOILER

Boiler Manufacture	Williams & Davis	Boiler Rating (kW)	93
Fuel Tank capacity	6m3	Water Tank Capacity	20m3

TOPDRIVE

Manufacture	Warrior	Engine Manufacture	Caterpillar
Model	250H14HR	Top Drive Capacity (daN)	225,000
Rated Input Power	700 HP	Max Drill Torque	26,000 ft/lbs
Makeup Torque	30,000 ft/lbs	Breakout Torque	32,000 ft/lbs
Max Speed	200 rpm		