



RIG 104

Depth Capacity (TVD):16,400 ft Rig Loads w/ Topdrive - 26 Summer/27 Winter

Loads may vary with Tubular requirements

MAST

Mast Type	Telescopic Double	Drill Line Size	1 1/8"
Mast Model	MT106-9.5-460G	Number of Lines	10
Static Hook Load (lbs)	460,000		
Mast Clear Height (ft)	106		

SUBSTRUCTURE

Substructure Type	One Piece, step-down	Substructure Model	ST14-14.2-400G
BOP-Sub Clear Height (ft)	14' 11" w/ 48" pony	Rotary Table Model	ZP 275
Ground to Rotary Top Height (ft)	18' w/ 48" Pony Sub	Rotary Support Capacity (lbs)	400,000
Setback Capacity (lbs)	400,000	Rotary Table Size	27.5"
Racking Capacity (ft)*	21,300		

* Racking Capacity w/ 4" pipe or 4.5" pipe (5 1/4" tool joints)

DRAWWORKS (MECHANICAL)

Drawworks Model	Rigworks RWD700T	Drawworks Drive	Cummins QSX15
Single Line Pull (lbs)	51,040	Drive Rating (HP)	630
Rated Power (HP)	750	Auxiliary Brake	136 WCDB Eaton
Transmission Model	Allison S6610H		

OVERHEAD EQUIPMENT

Block/Hook Model	BHU200	Block Capacity (lbs)	440,000
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MUDPUMPS (2)

Model	WF 1300	Mudpump Drive	Cummins QST30 Bi fuel
Rated Power (HP)	1300	Pumpdrive rating (HP)	1350
Stroke Length	11"		

*** 51,700kPa High pressure circulating system

MUD SYSTEM

Total Volume (bbl)	630	# of Mudtanks	2
Active Volume (bbl)	535	# of Compartments	7 Useable
Trip Tank Volume (bbl)	40	Pill Tank Volume (bbl)	45
Agitators Power (qty)	4x7.5 HP	Centrifugal Pump Size	5" x 6" x 11"
Centrifugal Pump Quantity	2x50 HP	Degasser Size (dual)	36"
Shale Shaker (2)	Swaco Mongoose		

ACCUMULATOR

Accumulator Manufacture	Control Tech	Operating Pressure (PSI)	3,000
Accumulator Volume (Gal)	120	# of stations	5

BOP'S (NACE)

Annular	Shenkai Spherical	Pressure Rating & Size	11" 5000 PSI
Ram #1	HEC Double	Pressure Rating & Size	11" 5000 PSI
Ram #2	LXT Single	Pressure Rating & Size	11" 5000 PSI



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CHOKE MANIFOLD (NACE)

Type	Double Gut	Pressure Rating & Size	5000 PSI
Size	3"		

GENERATOR SETS (2)

Manufacture	Stamford	Engine Manufacture	Cummins
Generator Model (qty)	2	Engine Model	QSX-15 Bi fuel
Rating	550KW (each)		

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (gal)	4000	Pipetubs	Hydraulic/Conventional
# Fuel Tanks	1	Catwalk	Hydraulic Skate
Water Tank Capacity (bbl)	535		
# Water Tanks	1		

TUBULARS

Based on operator's program requirements

BOILER

Boiler Manufacture	Williams & Davis	Boiler Rating (HP)	125
Fuel Tank capacity	1575 gal	Water Tank Capacity	125 bbl

TOPDRIVE

Manufacture	Canrig	Engine Manufacture	Caterpillar
Model	6027AC	Top Drive Capacity (lbs)	550,000
Rated Input Power	600 HP	Max Drill Torque	30,000 ft/lbs
Makeup Torque	35,000 ft/lbs	Breakout Torque	60,000 ft/lbs
Max Speed	225 rpm		

***Generators, Pump Engines, and Top Drive Generator equipped with dual fuel capabilities.**