



RIG 108

Depth Capacity (TVD):14,500 ft Rig Loads w/ Topdrive- 24 Summer/25 Winter

Loads may vary with Tubular requirements

MAST

Mast Type	Telescopic Double	Drill Line Size	1 1/8"
Mast Model	MT106-9.5-440G	Number of Lines	10
Static Hook Load	440,000		
Mast Clear Height	106 ft		

SUBSTRUCTURE

Substructure Type	One Piece, step-down	Substructure Model	ST14.75-14.2-400I
BOP-Sub Clear Height	15' 6"	Rotary Table Model	Fargo 27RT
Ground to Rotary Top Height	18' 8"	Rotary Table Capacity	400,000 lbs
Setback Capacity	375,000 lbs	Rotary Table Size	27"
Racking Capacity	17,500 ft		

* Racking Capacity is calculated w/ 4" pipe & 4.5" slim hole pipe

DRAWWORKS (MECHANICAL)

Drawworks Model	Rigworks RWD800T	Drawworks Drive	Cummins QSX15
Single Line Pull (lbs)	51,040	Drive Rating (HP)	750
Rated Power (HP)	850	Auxiliary Brake	136 WCDB Eaton
Transmission Model	Allison S6620H		

OVERHEAD EQUIPMENT

Block/Hook Model	McKinney 250Ton	Block Capacity (lbs)	500,000
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MUDPUMPS (2)

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

*** 35,000kPa High pressure circulating system

MUD SYSTEM

Total Volume (bbl)	815	# of Mudtanks	2
Active Volume (bbl)	725	# of Compartments	7 Useable
Trip Tank Volume (bbl)	40	Pill Tank Volume (bbl)	45
Agitators Power (qty)	5x7.5 HP	Centrifugal Pump Size (mm)	5" x 6" x 11"
Centrifugal Pump Quantity	2x60 HP	Degasser Size	2 x 36"
Shale Shaker (2)	Swaco Mongoose		

ACCUMULATOR

Accumulator Manufacture	Control Tech	Operating Pressure (PSI)	3000
Accumulator Volume (gal)	120	# of stations	5

BOP'S (NACE)

Annular	HEC Shaffer	Pressure Rating & Size	5000 PSI, 11"
Ram #1	HEC Double	Pressure Rating & Size	5000 PSI, 11"
Ram #2	HEC Single	Pressure Rating & Size	5000 PSI, 11"



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REMOTE CHOKE MANIFOLD (NACE)

Type	Double Gut	Pressure Rating	5000 PSI
Size	3 1/8"		

GENERATOR SETS (2)

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

MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (gal)	6000	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	2650 gal	Water Tank Capacity	125 bbl

TOPDRIVE

Manufacture	Tesco	Engine Manufacture	Caterpillar
Model	HXI 250 Ton	Top Drive Capacity (lbs)	500,000
Rated Input Power	700 HP	Max Drill Torque	24,000 ft/lbs
Makeup Torque	32,000 ft/lbs	Breakout Torque	32,000 ft/lbs
Max Speed	200 rpm		