



# RIG 115

## Depth Capacity (TVD):19,500 ft Rig Loads- 39 loads

Loads may vary with Tubular requirements

### MAST

Mast Type	Cantilever Triple	Drill Line Size	1 1/4"
Mast Model	DSII	Number of Lines	12
Static Hook Load (lbs)	750,000	Mast Clear Height (ft)	142

### SUBSTRUCTURE

Substructure Type	DSII	Substructure Model	Box on Box
BOP-Sub Clear Height (ft)	18	Rotary Table Model	ZP275
Ground to KB Height (ft)	22'-6"	Rotary Table Capacity (lbs)	750,000
Setback Capacity (lbs)	565,000	Rotary Table Size	27.5"
Racking Capacity (ft)*	20,000	Walking Capability*	112'

\* Walking ability is with X/Y Stompers

### Controls

Controls Type	SCR-DC & VFD-AC	SCR Bays	3
Controls MFG.	Omron	VFD Bays	2
		Engine Bays	4

### Engine/Generator Package (Qty. 3)

Engine MFG	Cummins	Engine Horsepower	1480
Engine Model	QSK-50	Engine Tier Rating	2
Generator MFG	AVK	Generator (KW)	1225
Generator model	DSG		

### DRAWWORKS (ELECTRIC MECHANICAL-DC)

Drawworks Model	OWI-1000EH	Drawworks Drive	1 X 752 DC Motors
Single Line Pull (lbs)	50,200	Drive Rating (HP)	11300HP
Rated Power (HP)	1000HP	Auxiliary Brake	236WCBD Eaton
Transmission Model	3 Speed with High and Low Clutch		

### OVERHEAD EQUIPMENT

Block Model	McKinney (Becket)	Block Capacity (lbs)	550,000
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### MUDPUMPS (2)

Model	F-1600	Mud pump Drive	1 X 1600hp AC Motor
Rated Power (HP)	1600 (hp)	Pump drive rating (HP)	1600
Stroke Length	12"	<b>*** 7500 psi High pressure circulating system</b>	

### MUD SYSTEM

Total Volume (bbl)	1030	# of Mud tanks	2
Active Volume (bbl)	980	# of Compartments	9 Useable
Trip Tank Volume (bbl)	*Contact Marketing	Pill Tank Volume (bbl)	2 X 50
Agitators Power (qty)	8 x (10 HP)	Centrifugal Pump Sizes	Four - 5 x 6 x 11
Shale Shaker	2 x Brandt King Cobra	Gas Buster	48" X 18'



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## ACCUMULATOR

Accumulator Manufacture	Wagner	Operating Pressure (psi)	3000
Accumulator Volume (Gal)	120	# of stations	5

## BOP'S

Based on operator's program requirements

## CHOKE MANIFOLD

Pressure Rating & Size	10000 psi x 4"
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## MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (Gal)	20,000	Pipetubs	Conventional
# Fuel Tanks	1	Catwalk	Canrig 3000
Water Tank Capacity (bbl)	500	Iron Roughneck	TM-80
# Water Tanks	1		

## TUBULARS

Based on operator's program requirements

## BOILER

Boiler Manufacture	Williams & Davis	Boiler Rating (hp)	(125 HP)
		Water Tank Capacity (bbl)	150

## TOPDRIVE

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