



RIG 112

Depth Capacity (TVD):16,500 ft Rig Loads- 35 loads

Loads may vary with Tubular requirements

MAST

Mast Type	Cantilever Triple	Drill Line Size	1 1/4"
Mast Model	Pyramid	Number of Lines	10
Static Hook Load (lbs)	550,000	Mast Clear Height (ft)	142

SUBSTRUCTURE

Substructure Type	Full Circle	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)	550,000
Setback Capacity (lbs)	400,000	Rotary Table Size	27.5"
Racking Capacity (ft)*	18,000	Skidding Capable	112'

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

** Substructure on Skid rails and 6" mats

Controls

Controls Type	SCR-DC	SCR Bays	4
Controls MFG.	DESCO	Engine Bays	3

Engine/Generator Package (Qty. 3)

Engine MFG	Caterpillar	Engine Horsepower	1372
Engine Model	C-32	Engine Tier Rating	2
Generator MFG	Caterpillar	Generator (KW)	910
Generator model	SR4B		

DRAWWORKS (ELECTRIC MECHANICAL-DC)

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

OVERHEAD EQUIPMENT

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

Model	F-1600	Mud pump Drive	2 X 752 DC Motors
Rated Power (HP)	1600 (hp)	Pump drive rating (HP)	2000
Stroke Length	12"	*** 5000 psi High pressure circulating system	

MUD SYSTEM

Total Volume (bbl)	815	# of Mudtanks	2
Active Volume (bbl)	785	# of Compartments	6 Useable
Trip Tank Volume (bbl)	*Contact Marketing	Pill Tank Volume (bbl)	65
Agitators Power (qty)	4 x (10 HP)	Centrifugal Pump Sizes	Four - 5 x 6 x 11
Shale Shaker	2 x Swaco Mongoose	Gas Buster	48" X 12'



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ACCUMULATOR

Accumulator Manufacture	Oilco	Operating Pressure (psi)	3000
Accumulator Volume (Gal)	120	# of stations	6

BOP'S

Based on operator's program requirements

CHOKE MANIFOLD

Pressure Rating & Size	5000psi x 3"
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MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (Gal)	20,000	Pipetubs	Conventional
# Fuel Tanks	1	Catwalk	Canrig PC3000
Water Tank Capacity (bbl)	500		
# 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	36,000 ft/lbs		
Max Speed	225 rpm		