



RIG 117

Depth Capacity (TVD): 22,000 ft Rig Loads- 52 loads

Loads may vary with Tubular requirements

MAST

Mast Type	Cantilever Triple	Drill Line Size	1 3/8"
Mast Model	DSI	Number of Lines	12
Static Hook Load (lbs)	750,000	Mast Clear Height (ft)	142

SUBSTRUCTURE

Substructure Type	DSI	Substructure Model	Box on Box
BOP-Sub Clear Height (ft)	24'-4"	Rotary Table Model	C-275
Ground to KB Height (ft)	26'-6"	Rotary Table Capacity (lbs)	1,000,000
Setback Capacity (lbs)	565,000	Rotary Table Size	27.5"
Racking Capacity (ft)*	22,000	Skidding Capability	112'

** Substructure on Skid rails and 6" mats

Controls

Controls Type	SCR-DC	SCR Bays	4
Controls MFG.	Omron	Engine Bays	4

Engine/Generator Package (Qty. 3)

Engine MFG	Caterpillar	Engine Horsepower	1450
Engine Model	3512C	Engine Tier Rating	2
Generator MFG	Caterpillar	Generator (KW)	1150
Generator model	SR4B		

DRAWWORKS (ELECTRIC MECHANICAL-DC)

Drawworks Model	National 110UE	Drawworks Drive	2 X 752 DC Motors
Single Line Pull (lbs)	59,200	Drive Rating (HP)	1000HP
Rated Power (HP)	1500HP	Auxiliary Brake	8032 Elmago
Transmission Model	2 Speed		

OVERHEAD EQUIPMENT

Block Model	Oilwell	Block Capacity (lbs)	1,000,000
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MUDPUMPS (2)

Model	F-1600	Mud pump Drive	2 X 752 dC Motor
Rated Power (HP)	1600 (hp)	Pump drive rating (HP)	1000
Stroke Length	12"	*** 5000 psi High pressure circulating system	

MUD SYSTEM

Total Volume (bbl)	1220	# of Mudtanks	2
Active Volume (bbl)	1150	# of Compartments	10 Useable
Trip Tank Volume (bbl)	*Contact Marketing	Pill Tank Volume (bbl)	2X 95
Agitators Power (qty)	9 x (10 HP)	Centrifugal Pump Sizes	Five - 5 x 6 x 11
Shale Shaker	2 x Brandt King Cobra	Gas Buster	48" X 18'



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ACCUMULATOR

Accumulator Manufacture	Shaffer	Operating Pressure (psi)	3000
Accumulator Volume (Gal)	220	# of stations	6

BOP'S

Based on operator's program requirements

CHOKE MANIFOLD

Pressure Rating & Size	10000psi x 4"
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MISCELLANEOUS EQUIPMENT

Fuel Tank Capacity (Gal)	17,000	Pipetubs	Conventional
# Fuel Tanks	1	Catwalk	Canrig 3000
Water Tank Capacity (bbl)	700	Iron Roughneck	ST-80
# Water Tanks	1		

TUBULARS

Based on operator's program requirements

BOILER

Boiler Manufacture	Superior	Boiler Rating (hp)	(250 HP)
		Water Tank Capacity (bbl)	150

TOPDRIVE

Manufacture	Canrig	Top Drive Capacity (lbs)	1,000,000
Model	1250AC	Max Drill Torque	51,400 ft/lbs
Rated Input Power	1150 HP	Breakout Torque	95,000 ft/lbs
Makeup Torque	71,000 ft/lbs		
Max Speed	265 rpm		