

# RIG 2 INVENTORY



## DRAWWORKS & TOP DRIVE EQUIPMENT

<b>Drawworks</b>	Tri-Service Manufacturing powered by 1350 hp Caterpillar C32 motor.
<b>Drawworks Drive</b>	Allison 8000, 5 forward speeds, 1 reverse speed.
<b>Auxiliary Brake</b>	Eaton WCBD 36" dual disc.
<b>Top Drive</b>	Tesco 350-ton EXI rated at 600hp.

## POWER PACKAGE

<b>Generators</b>	(2) Caterpillar C15 400kw.
-------------------	----------------------------

## MAST & SUBSTRUCTURE

<b>Mast Type</b>	Cantilever Triple
<b>Mast Manuf.</b>	Drill Master
<b>Static Hook Load</b>	650,000 lbs
<b>Number of Lines</b>	10 lines
<b>Clear Height</b>	142 ft.
<b>Drill Line Size</b>	1 ¼ inch
<b>Substructure Type</b>	Box on Box
<b>Substructure Manuf.</b>	Drilling Structures
<b>Rotary Table to Ground</b>	18 ft. 3 inches
<b>Clear Working Height</b>	14 ft.
<b>Rotary Capacity</b>	750,000 lbs.
<b>Setback Capacity</b>	400,000 lbs.
<b>GNC</b>	1,200,000 lbs.
<b>Bi direction walking feet</b>	

## BOP EQUIPMENT

<b>Annular</b>	13 5/8-inch 5000 psi.
<b>Double Ram</b>	13 5/8-inch 5000 psi.
<b>Accumulator</b>	Advanced Pressure 6-station/200 gallon.
<b>Accumulator Pump</b>	20 hp triplex & (2) air pumps
<b>Backup N2</b>	12 – 132 gallons total.
<b>Choke Manifold</b>	4 1/16" 5000 psi X 2 1/16" 5000 psi with positive & adjustable choke.

## WATER & FUEL TANK CAPACITIES

<b>Water Tank</b>	500 bbls.
<b>Fuel Tank</b>	10,000 gallons.

## MUD SYSTEM

<b>Mud Pumps</b>	(2) FB-1600 triplex with 12-inch stroke, each driven by Caterpillar C32 motors rated at 1350 hp with Pacific Rim hydraulic clutch & reduction.
<b>Charge &amp; Mix Pumps</b>	(2) Mission Magnum 8X6 and (2) Mission Magnum 6x5 centrifugal pumps.
<b>Mud Tanks</b>	Number of tanks – 2 Mud Tank capacity: 660 bbls. Premix capacity: 140 bbls. Mix hopper: Sidewinder hopper. Agitators: (4) with 10hp motors.
<b>Shale Shakers</b>	Dual Derrick Flo-line Cleaner linear motion FC503.

## TUBULARS

<b>Drill Pipe</b>	4 ½" XH Optional.
<b>Drill Collars</b>	Optional.

## ADDITIONAL INFORMATION

<b>Doghouse</b>	11' X 45' with heat & air conditioning.
<b>Transport</b>	Requires only 33 loads to move (without tubulars). Rig is designed to move without use of cranes. Rig is designed to be rigged up and down faster and safer.