

# RIG 7 INVENTORY



## DRAWWORKS & TOP DRIVE EQUIPMENT

<b>Drawworks</b>	Tri-Service Manufacturing powered by 1500 hp Joliet A.C. motor.
<b>Auxiliary Brake</b>	Eaton 36" dual disc.
<b>Top Drive</b>	National Oilwell Varco 500-ton TDS-11 rated at 800hp.
<b>Catwalk</b>	Can Rig Pc3000 hydraulic cat walk

## POWER PACKAGE

<b>Engines</b>	(3) Caterpillar 3512C motors rated at 1470 hp.
<b>Generators</b>	(3) Kato generators rated at 1204 kw.
<b>VFD System</b>	Omron 3x4 AC

## MAST & SUBSTRUCTURE

<b>Mast Type</b>	Cantilever Triple
<b>Mast Manuf.</b>	Drill Master
<b>Static Hook Load</b>	750,000 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>	Drill Master
<b>Rotary Table to Ground</b>	23 ft. 3 inches
<b>Clear Working Height</b>	19 ft. 6 inches
<b>Rotary Capacity</b>	900,000 lbs.
<b>Setback Capacity</b>	550,000 lbs.
<b>GNC</b>	1,200,000 lbs.
<b>Rig Walking System</b>	Pin-on with Bi-directional walking system

## MUD SYSTEM

<b>Mud Pumps</b>	(2) FB-1600 triplex with 7500 psi fluid ends and 12-inch stroke, each driven by Joliet 1500 hp A.C. motors.  (1) FB-1600 triplex with 7500psi fluid ends, 12" stroke, driven by Cat 3512c engine rated 1470hp
<b>Charge &amp; Mix Pumps</b>	(2) Mission Magnum 6x5 and (2) Mission Magnum 6x5 centrifugal pumps.
<b>Mud Tanks</b>	Number of tanks – 2 Mud Tank capacity: 1000 bbls. Premix capacity: 133 bbls. Mix hopper: Sidewinder hopper. Agitators: (4) with 15hp motors.
<b>Trip Tank</b>	90 bbls – single compartment with (1) 4x3x13 centrifugal pump.

## 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.

## TUBULARS

<b>Drill Pipe</b>	Optional
<b>Drill Collars</b>	Optional

## ADDITIONAL INFORMATION

<b>Doghhouse</b>	11' X 50' with heat & air conditioning.
<b>Transport</b>	Rig is designed to be rigged up and down faster and safer.