

# RIG 5 INVENTORY

## 450 Horsepower Mechanical



### HOISTING & ROTATING EQUIPMENT

<b>Rig Type</b>	Challenger 3T 360-200-84-RF
<b>Drawworks</b>	60 Series Detroit with an Allison 5860 Auto transmission, Double Stacked Drums w/ 1" Drilling Line, Kelco Catheads
<b>Auxillary Brake</b>	N/A
<b>Rotary Table</b>	Howard Turner 18" Type OB
<b>Traveling Block</b>	McKissick 100 ton spring loaded w/ (3) 17" sheaves
<b>Kelly Hose</b>	Goodrich 4" x 40' - 4,000# WP
<b>Swivel Block</b>	McKissick 100 ton w/ (3) 17" sheaves
<b>Power Swivel</b>	VentureTec - XK 150 - 150 ton

### MAST, SUBSTRUCTURE, AND POWER PACKAGE

<b>Mast</b>	84' tall, 200,000# Hydraulic raised mast
<b>Substructure</b>	10'H x 12'W x 9'L 200,000# Cap. w/ 12' KB
<b>Depth</b>	6,500 feet
<b>Horsepower</b>	450 hp
<b>Generator House</b>	(2) 285 kw Cat 3406 Gen sets, GE motor controls w/ 15 hp screw air compressors
<b>SCR House</b>	N/A

### MUD SYSTEM EQUIPMENT

<b>Mud Pumps</b>	(#1) GD PZ-8 750hp, triplex, p/b 725 hp 3412E Cat w/ Allison 6061 transmission (#2) GD FXN 5 1/2" x 14", GD fluid end. Quick change caps and p/b 500 hp 3406C Cat
<b>Pits</b>	(2) 40' x 10' x 4', 280 bbl, slant bottom w/ 3 partitions
<b>Pre-Mix tanks</b>	75 bbls internal
<b>Shale Shaker</b>	Derrick FC 313 linear motion
<b>Desilter</b>	(8) 4" cones, jets, dumps & bypass
<b>Mud Agitator</b>	(2) 10 hp
<b>Trip tank</b>	N/A
<b>Mud House</b>	N/A

### PIPE HANDLING EQUIPMENT

<b>Pipe Spinner</b>	Rausch Hydraulic
<b>Tongs</b>	Wooley Type CW, 3 1/2" to 8 5/8"
<b>Catwalk</b>	45' x 4' x 46" w/ steel deck
<b>Hyd. Slips</b>	N/A
<b>Pipe racks</b>	(2) sets of 28' x 46" triangular

### BOP EQUIPMENT

<b>BOP</b>	Reagan 9" 900 Series, 2,000# Hydraulic or an 11" 3,000# Townsend Double Ram
<b>Accumulator</b>	2 stage, 60 gal. w/ air & pump
<b>Choke Manifold</b>	3 x 2 w/ adj. & pos. choke

### TUBULARS

<b>Drill Pipe</b>	5,500' - 4", 14.0#, Grade E, w/ 4" FH connections
<b>Drill Collars</b>	(12) 6 1/4" x 2 1/4", double recessed w/ hard band and 4 1/2" x-hole connections
<b>Heavy Drill Pipe</b>	4 JTS - 4 1/2" 42#
<b>Pipe Tubs</b>	(3) 34' x 8' x 42"

### STORAGE AND OTHER EQUIPMENT

<b>Dog House</b>	8' x 8' x 25' hydraulic raised & trailer mounted
<b>Water tank</b>	400 bbls., open top & skid mounted
<b>Fuel Tank</b>	8,000 gals. w/ electric transfer pump
<b>Recorder</b>	Drillograph 2 Pen Chart
<b>Dev. Recorder</b>	Welltronics Digital 20 degree
<b>HPU</b>	125 gpm 5,000# p/b Caterpillar C-9
<b>Wireline Unit</b>	Mathey Hydraulic
<b>Forklift</b>	2004 John Deere TC54

