

## Catoosa Test Facility Rigs

Equipment	Rig 1T	Rig 11D
<b>Mast</b>	142 ft GBS	105 ft LC Moore
<b>- type, stand length</b>	Triple (90 ft)	Double (60 ft)
<b>Pull Capacity</b>	550,000 lbs	210,000 lbs
<b>Substructure Height</b>	17 ft 6 in	21 ft
<b>Drawworks</b>	Brewster N-95 (1200 HP)	National T-20 (650 HP)
<b>Drawworks Motor(s)</b>	(2) CAT 379	CAT C-18
<b>Pump 1</b>	Continental Emsco FB1300	Brewster B-1100
<b>Pump 1 Motor</b>	CAT D399	CAT D399
<b>Pump 2</b>	Continental Emsco FB1300	Brewster B-1100
<b>Pump 2 Motor</b>	CAT D399	CAT D399
<b>Top Drive (hydraulic)</b>	Tesco HS500 (1100 HP)	Venturetek VK250
<b>Mud Filtration 1</b>	Derrick 504 shaker	Vortex Shaker
<b>Mud Filtration 2</b>	Derrick 504 shaker	Vortex Shaker
<b>Centrifuge</b>	Hutchison Hayes	NA
<b>Mud Tank Capacity</b>	700 BBLs	450 BBLs
<b>Hydraulic Power Tongs</b>	NOV ST-80	Bloom & Voss Floorhand
<b>Well Configurations</b>	5 existing wells 13 available	11 existing wells
Both rigs have Data Modules on the Rig Floors for Customer use		