



## FRONTIER RIG 22 | RIG INVENTORY

<b>DRAWWORKS:</b>	1,000 Hp, National 80-UE with Baylor 6032 Auxiliary Electric Brake p/b (2) High Torque GE 752 Electric Motors
<b>MOBILITY:</b>	90' Skid System with Wireless Control and Redundant HPU
<b>MAST:</b>	DSI 142 FT – 760,000 LB Static Hook Load on 10 Lines
<b>SUBSTRUCTURE:</b>	DSI 22.5' Floor Height, (1) 10' Box, (1) 11' Box, 1' Skid Beam, .5' Rigmat– 400,000 Setback
<b>GENERATORS:</b>	(3) Caterpillar 3512C Diesel Engines w/ 1,365 KW Generators
<b>Control House:</b>	1600A 4x4 Bay OMRON with Dynamic Braking and PLC Failover System
<b>MUD PUMPS:</b>	(2) 1600 HP FB1600 Mud Pumps with 7,500 PSI Fluid Ends with P-Quip Liner and Piston Retention Systems
<b>TOP DRIVE:</b>	Canrig 1250AC 500 Ton Top Drive with 7,500 PSI Fluid System and Rig Floor Mounted TDSU
<b>CATWALK:</b>	Canrig PC-3000 Hydraulic Catwalk with Walking Package, Hydraulic V-Door, Wireless Control
<b>HANDLING TOOL:</b>	National ST-80C
<b>ROTARY TABLE:</b>	National C275, 27.5" Table
<b>BOP:</b>	13-5/8" 5,000 PSI Double Ram with 13-5/8" 5,000 PSI Annular
<b>MUD SYSTEM:</b>	1,100 BBL with 6x8 Mixing Pumps and 10 HP Agitators, Desander, Desilter, 48" Mud/Gas Separator
<b>SHALE SHAKERS:</b>	(3) MI SWACO Linear Motion
<b>CHOKE MANIFOLD:</b>	4" 5,000 PSI Skid Mounted
<b>FUEL TANK:</b>	12,000 Gallon Dual Wall Fuel Tank w/ integrated redundant fuel pumps
<b>WATER TANK:</b>	500 BBL
<b>DOG HOUSE:</b>	10' x 8' x 45' DS, 10' x 8' x 22' ODS
<b>TRAVELING BLOCK:</b>	National 500 Ton with 50" Sheaves for 1-3/8" Drilling Line

**MISCELLANEOUS:** Parts House, Pipe Racks, Misc. Handling Tools

**LIGHTING SYSTEM:** 100% LED Class I DIV I, Class I DIV II Area, Spot and Flood Fixtures

**POWER UNIT:** Centralized HPU with Redundant Motors/Pumps and Temp/Level Protection

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