



## FRONTIER RIG 32 | RIG INVENTORY

<b>DRAWWORKS:</b>	<b>2000 HP</b> , National 1320-UE with Baylor 7838 Auxiliary Electric Brake p/b (2) High Torque GE 752 Electric Motors
<b>MOBILITY:</b>	90' Skid System
<b>MAST:</b>	Branham 142', 1.3M lb Static Hook Load on 10 lines
<b>SUBSTRUCTURE:</b>	31.5' Floor Height, (3) 10' Boxes, 1' Skid Beam, .5' Rigmat
<b>GENERATORS:</b>	(3) Caterpillar 3512C Diesel Engines w/ 1,365 KW Generators
<b>Control House:</b>	<b>SCR</b> :1600A 4x4 Bay M&I Electric with Dynamic Braking and PLC Failover System
<b>MUD PUMPS:</b>	(2) 1600 HP FB1600 Mud Pumps with 7,500 PSI Fluid System, 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, Tall with Driller Console Safety Enable
<b>ROTARY TABLE:</b>	National 275, 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. Mud Tanks with 48" Mud/Gas Separator, 6"x8" Mixing Pumps and 10 HP Agitators, De-Sander, De-Silter
<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>	500 Ton National Traveling Block Strung on 10 Lines.
<b>MISCELLANEOUS:</b>	Parts House, Pipe Racks, Misc. Handling Tools

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

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

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