



## FRONTIER RIG 16 | RIG INVENTORY

<b>DRAWWORKS:</b>	1,500 Hp, Continental Emsco C1 with Baylor 6032 Electric Brake
<b>MOBILITY:</b>	Uni-Directional Skid System up to 90'
<b>MAST:</b>	DSI 142 FT - 750,000 LB Static Hook Load
<b>SUBSTRUCTURE:</b>	DSI 31' Floor Height Box on Box – 400,000 Setback
<b>GENERATORS:</b>	(3) Caterpillar 3512C Diesel Engines w/ 1,365 KW Generators
<b>Control House:</b>	1600A 4x4 Bay M&I Electric with Dynamic Braking and PLC Failover System
<b>MUD PUMPS:</b>	(3) 1600 HP 12P160 p/b (2) 1000 HP High Torque GE 752 Motors Each, 7,500 PSI Fluid Ends with P-Quip Liner and Piston Retention System
<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 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 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
<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

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

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