



FRONTIER RIG 20 | RIG INVENTORY

DRAWWORKS:	1,500 Hp, Continental Emsco C1 with National 6032 Electric Brake
MOBILITY:	Uni-Directional Skid System up to 150'
MAST:	DSI 142 FT – 1,000,000 LB Static Hook Load
SUBSTRUCTURE:	DSI 25' Floor Height Box on Box – 600,000 Setback
GENERATORS:	(3) Caterpillar 3512B Diesel Engines w/ 1,200 KW Generators
Control House:	1600A 4x4 Bay M&I Electric with Dynamic Braking and PLC Failover System
MUD PUMPS:	(2) 1600 HP FB1600 Mud Pumps with 7,500 PSI Fluid Ends with P-Quip Liner and Piston Retention Systems
TOP DRIVE:	Canrig 1250AC 500 Ton Top Drive with 7,500 PSI Fluid System and Rig Floor Mounted TDSU
CATWALK:	Canrig PC-3000 Hydraulic Catwalk with Walking Package, Hydraulic V-Door, Wireless Control
HANDLING TOOL:	National ST-80C
ROTARY TABLE:	National C275, 27.5" Table
BOP:	13-5/8" 5,000 PSI Double Ram with 13-5/8" 5,000 PSI Annular
MUD SYSTEM:	1,100 BBL with 6x8 Mixing Pumps and 10 HP Agitators, Desander, Desilter, 48" Mud/Gas Separator
SHALE SHAKERS:	(3) MI SWACO Linear Motion
CHOKE MANIFOLD:	4" 5,000 PSI Skid Mounted
FUEL TANK:	12,000 Gallon Dual Wall Fuel Tank w/ integrated redundant fuel pumps
WATER TANK:	500 BBL
DOG HOUSE:	10' x 8' x 45' DS, 10' x 8' x 22' ODS
TRAVELING BLOCK:	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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