FRONTIER DRILLING RIG 27

DRAWWORKS:	**1,500 Hp,** Mid-Continent 914 with Baylor 6032 Electric Brake
MOBILITY:	90' Skid System
MAST:	Pyramid 142 FT – 1,000,000 LB Static Hook Load on 10 Lines
SUBSTRUCTURE:	Pyramid 26.5' Floor Height, (1) 10' Box, (1) 11' Box, (1) 4' Pony Sub, 1' Skid Beam, .5' Rigmat
GENERATORS:	(4) Caterpillar 3512C Diesel Engines w/ 1,365 KW Generators
Control House:	4-Bay Omron 1,600 Amp SCR House
MUD PUMPS:	(3) 1600 HP FB1600 Mud Pumps p/b (2) each 1000 HP Traction Motors, 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 275, 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 6×8 Mixing Pumps and 10 HP Agitators, Desander, Desilter, 48" Mud/Gas Separator
SHALE SHAKERS:	(3) MI SWACO Linear Motion
CHOKE MANIFOLD:	3 1/6" 10,000 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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