

T-202 NATIONAL 1625-DE

TECHNICAL OVERVIEW

Rating	3,000 HP	2,237 kW
Hook load	1,300,000 lbs @ 14 lines	590 t
Drilling depth theoretical	30,000 ft	9,144 m

Year of constructions 1982, totally refurbished in 2015

MAST

Type	Dreco cantilever	
Height	147 ft	44.8 m
Base	35 ft	10.7 m
N.G.C	1,608,000 lbs	730 t
Hook load	1,300,000 lbs	590 t

SUBSTRUCTURE

Type	Dreco sling-shot	
Height	30 ft + 7 ft pony	11.3 m
Casing load	1,250,000 lbs	567 t
Setback load	750,000 lbs	340 t

DRAWWORKS

Type	National 1625-DE	
Horsepower rating	3,000 HP	2,237 kW
Max. line pull	150,000 lbs	68 t
Drilling line diameter	1 1/2"	38.1 mm
Auxiliary brake	Elmagco 7838	

TOP DRIVE

Type	Varco TDS-4S	
Capacity	1,300,000 lbs	590 t
Torque	45,500 ft.lbs	61,690 Nm

ROTARY TABLE

Type	National C-375	
Table opening	37 1/2"	952.5 mm

DRIVE GROUP

Engine type	Caterpillar 3512B	
Horsepower rating	5 x 1,476 HP	
Generator type	Caterpillar SR-4	
Generator rating	5 x 1,500 kVA	
Voltage	600/460 V, 60 Hz	
SCR unit	Bentec SCR	



MUD SYSTEM

Pump type	1 x National 12P-160, 2 x Emsco FC1600	
Horsepower rating	3 x 1,600 HP	
Shale shaker type	Linear motion	
Shale shaker	3 x Thule VSM 300	
Standpipe Pressure	7,500 psi	517 bar
Active mud system	1,840 bbls	292 m ³
Reserve mud system	2,300 bbls	365 m ³

BOP EQUIPMENT

Annular	13 5/8" - 5,000 psi	
Annular	21 3/4" - 2,000 psi	
Single ram	13 5/8" - 10,000 psi	
Single ram	20 3/4" - 3,000 psi, 2 pcs	
Double ram	13 5/8" - 10,000 psi	

IRON ROUGHNECK

Type	Varco ST-80
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CAMP EQUIPMENT

Full rig and base camp
Bentec ACS