

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 | National 12P-160 | |
| 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 |
|-------------|-------------|

CAMP EQUIPMENT

Full rig and base camp