

T-75 BENTEC DW-E-2000DC

TECHNICAL OVERVIEW

| | | |
|--------------------------|--------------------------|----------|
| Rating | 2,000 HP | 1,470 kW |
| Hook load | 1,000,000 lbs @ 12 lines | 395 t |
| Design depth theoretical | 20,000 ft | 6,096 m |
| Refurbished in 2015 | | |

MAST

| | | |
|-----------|--|--------|
| Type | Turmeric cantilever swing lift Type II | |
| Height | 147 ft | 44,8 m |
| Base | 35 ft | 10,7m |
| Hook load | 1,000,000 lbs | 454 t |

SUBSTRUCTURE

| | | |
|--------------|------------------------------------|--------|
| Type | Turmeric swing lift self-elevating | |
| Height | 35 ft | 10,7 m |
| Casing load | 1,000,000 lbs | 454 t |
| Setback load | 800,000 lbs | 362 t |

DRAWWORKS

| | | |
|------------------------|----------------------|----------|
| Type | Bentec DW-E-2000DC | |
| Horsepower rating | 2,000 HP | 1,470 kW |
| Max. line pull | 369 KN | |
| Drilling line diameter | 1 1/2" | 38.1 mm |
| Auxiliary brake | ECB Bentec EB-6032-A | |

TOP DRIVE

| | | |
|----------|---------------|-----------|
| Type | Varco IDS-1 | |
| Capacity | 1,000,000 lbs | 454 t |
| Torque | 34,900 ft.lbs | 47,320 Nm |

ROTARY TABLE

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

DRIVE GROUP

| | | |
|-------------------|----------------------|--|
| Engine type | Caterpillar 3512B | |
| Horsepower rating | 4 x 1,476 HP | |
| Generator type | Caterpillar SR4 | |
| Generator rating | 4 x 1,500 kVA | |
| Voltage | 600/460/400 V, 60 Hz | |
| SCR Unit | Bentec DTI-200 | |



MUD SYSTEM

| | | |
|--------------------|-------------------|---------|
| Pump type | National 12-P-160 | |
| Horsepower rating | 3 x 1,600 HP | |
| Shale shaker type | Derrick | |
| Shale shaker | 3 pcs single | |
| Standpipe pressure | 5,000 psi | 350 bar |
| Active mud system | 1,320 bbl | 210 m3 |
| Reserve mud system | 1,820 bbl | 290 m3 |

BOP EQUIPMENT

| | | |
|------------|----------------------------|--|
| Diverter | 29 1/2" - 500 psi | |
| Annular | 21 1/4" - 2,000 psi | |
| | 13 5/8" - 5,000 psi | |
| Single ram | 20 3/4" - 3,000 psi, 2 pc | |
| | 13 5/8" - 10,000 psi, 2 pc | |
| Double ram | 13 5/8" - 10,000 psi | |

AUXILIARY EQUIPMENT

Full rig and base camp
 Air conditioned drillers cabin
 4-Quadrant (4-Q) state of the art drawworks control system incl. joystick operation
 Bentec hydraulic catheads
 Automatic driller system
 Soft Pump, Soft Torque, Anti Collision System