

T-813 3000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	3,000 HP
Hook load	2,000,000 lbs @ 16 Lines
Drilling depth	25,000 ft
Year of construction 2009	

MAST

Maker & Model	Drillmec Rapid 2000
Suitable for:	Triple stand range 2 drill pipes
Static hook load capacity	2,000,000 lbs
Clear height	160 ft

SUBSTRUCTURE

Maker & Model	Drillmec Rapid 2000
Rotary Capacity	2,000,000 lbs
Setback Capacity	1,000,000 lbs
Clearance	33 ft Ground to Rotary beam

DRAWWORKS

Maker & Model	MHWirth GH3300 EG-AC
Rated input power	3,300 HP
Drum brake type	Disc brake + AC generative breaking system
Auxiliary Brake	Baylor Elmagco 7838

TOP DRIVE

Maker & Model	Canrig 1275 AC
Rated load capacity [mt]	680 mt
Max. continuous output torque	51,400 ft.lbs @ 120 rpm

ROTARY TABLE

Maker & Model	MHWirth RTSS 375
Capacity	635 mt
Maximum opening	37.1/2"

IRON ROUGHNECK

Maker & Model	NOV ST-120
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MUD PUMPS

Quantity:	3
Maker & Model	MHWirth TPK 7.1/2" x 14"
Rated input power	2,200 HP
Working Pressure	7,500 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	8
Mud tanks total capacity	Approx. 6184 bbl
Water tanks total capacity	Approx. 1124 bbl



SHALE SHAKERS

Quantity:	4 +1 (Shaker + Mud Cleaner)
Maker & Model	MISwaco MD-3C
Mud cleaner	MISwaco 9675385-02

LOW PRESSURE BOP

Annular Preventer	One (1) Hydril MSP 29.1/2" – 0,5K
Ram Preventer	One (1) Cameron U 26.3/4" –3K
Annular Preventer	One (1) Cameron DL 21.1/4" –5K
Ram Preventer	Two (DBL+SGL) Cameron U 21.1/4" – 10K

HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron DL, 13.5/8" – 10K
Ram Preventer	Two (DBL+DBL) Cameron U, 13.5/8" – 15K

CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	4.1/16" x 3.1/16" – 15K

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512C
Horsepower Rating	5 x 1,476 HP @ 1200 rpm
Control Unit	Bentec PCR (VFD)

CAMP

Mini Camp	Yes, capacity approx. 30 beds
Main Camp	Yes, capacity approx. 90 beds

ADDITIONAL EQUIPMENT

Auto Driller System
Hydraulic Catwalk System, Canrig PC 4000
Enclosed Driller Cabin with cyber chair and joystick operation
Drill Floor Elevator