

T-591 1500 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	1,500 HP
Hook load	1,000,000 lbs
Drilling depth	20,000 ft
Year of construction	1978

MAST

Maker & Model	Lee C. Moore
Suitable for:	Triple stands range 2 drill pipes
Static hook load capacity	1,000,000 lbs
Clear height	157 ft

SUBSTRUCTURE

Maker & Model	Lee C. Moore
Rotary Capacity	900,000 lbs
Setback Capacity	600,000 lbs
Clearance	23 ft Ground to Rotary Beam

DRAWWORKS

Maker & Model	National 110 UE
Rated input power	1,500 HP
Drum brake type	Band
Auxiliary Brake	Baylor Elmagco 6032

TOP DRIVE

Maker & Model	Varco TDS-9SA
Rated load capacity	363 mt
Max. continuous output torque	32,500 ft.lbs @ 114 rpm

ROTARY TABLE

Maker & Model	National C-375
Capacity	590 mt
Maximum opening	37.1/2"

IRON ROUGHNECK

Maker & Model	N/A
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MUD PUMPS

Quantity:	3
Maker & Model	National 12-P-160
Rated input power	1,600 HP
Working Pressure	5,000 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	6
Mud tanks total capacity	Approx. 3911 bbl
Water tanks total capacity	Approx. 943 bbl



SHALE SHAKERS

Quantity:	3 + 1 (Mud Cleaner)
Maker & Model	NOV King Cobra Hybrid
Mud cleaner	MI Swaco 9675385-02

LOW PRESSURE BOP

Annular Preventer	One (1) Cameron 21.1/4" – 2K
Ram Preventer	-

HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron 11" – 10K
Ram Preventer	Two (DBL+DBL) Cameron 11" – 10K

CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	4.1/16" - 15K x 3.1/8" - 10K

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512B
Horsepower Rating	4 x 1,476 HP
Control Unit	Siemens PCR (SCR)

CAMP

Mini Camp	Yes, capacity approx. 40 beds
Main Camp	Yes, capacity approx. 90 beds

ADDITIONAL EQUIPMENT