

T-101 2000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	2,000 HP
Hook load	1,100,000 lbs
Drilling depth	20,000 ft
Year of construction 1979, refurbished by NOV in 2009	

MAST

Maker & Model	Derrick Systems International Cantilever (NOV)
Suitable for:	Triple stands range 2 drill pipes
Static hook load capacity	1,100,000 lbs
Clear height	152 ft

SUBSTRUCTURE

Maker & Model	Derrick Systems International
Rotary Capacity	1,100,000 lbs
Setback Capacity	600,000 lbs
Clearance	23 ft, Ground to Rotary Beam

DRAWWORKS

Maker & Model	National 1320-UE
Rated input power	2,000 HP
Drum brake type	Band
Auxiliary Brake	Baylor Elmagco 7838

TOP DRIVE

Maker & Model	Canrig 1250 AC
Rated load capacity	454 mt
Max. continuous output torque	51,400 ft.lbs @120 rpm

ROTARY TABLE

Maker & Model	Kerui ZP375
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	7,500 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	9
Mud tanks total capacity	Approx. 3600 bbl
Water tanks total capacity	Approx. 842 bbl



SHALE SHAKERS

Quantity:	3 + 1 (Mud Cleaner)
Maker & Model	MI Swaco 9675300-04
Mud cleaner	MI Swaco Mongoose

LOW PRESSURE BOP

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

HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron – 13.5/8" – 5K
Ram Preventer	Two (DBL+SGL) Cameron 13.5/8" – 10K

CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	3.1/16" – 10,000 psi

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar D399
Horsepower Rating	5 x 1,000 HP
Control Unit	Ross Hill PCR (SCR)

CAMP

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

ADDITIONAL EQUIPMENT