

T-514 2000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	2,000 HP
Hook load	1,000,000 lbs
Drilling depth	20,000
Year of construction 2008, refurbished in 2015	

MAST

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

SUBSTRUCTURE

Maker & Model	Kerui
Rotary Capacity	1,000,000 lbs
Setback Capacity	800,000 lbs
Clearance	30 ft

DRAWWORKS

Maker & Model	LTI-Lewco 1000 KIP AC
Rated input power	2,000 HP
Drum brake type	Disk brake
Auxiliary Brake	Eaton Model 436

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	LTI-Lewco 375
Capacity	800 mt
Maximum opening	37.1/2"

IRON ROUGHNECK

Maker & Model	NOV ST-80C
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MUD PUMPS

Quantity:	3
Maker & Model	LTI-Lewco WH-1612
Rated input power	1,600 HP
Working Pressure	7,500 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	8
Mud tanks total capacity	Approx. 4155 bbl
Water tanks total capacity	Approx. 1000 bbl



SHALE SHAKERS

Quantity:	3 + 1 (Mud Cleaner)
Maker & Model	MISwaco MD-3C
Mud cleaner	MISwaco 9672300-351T

LOW PRESSURE BOP

Annular Preventer	One (1) Cameron - 21.1/4" – 2K
Ram Preventer	Two (DBL+SGL) Cameron - 26.3/4" – 3K

HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron - 13.5/8" – 10K
Ram Preventer	Two (DBL) NOV 13.5/8" – 15K

CHOKE MANIFOLD GENERAL

Choke manifold	NOV
Size & pressure	4.1/16" 15K/10K

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512C
Horsepower Rating	5 x 1,476 HP
Control Unit	LTI (Le Tourneau) PCR (VFD)

CAMP

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

ADDITIONAL EQUIPMENT