

T-520 2000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	2,000 HP
Hook load	1,000,000 lbs
Drilling depth	20,000 ft
Year of construction 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	34,4 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	NOV ST-80C
---------------	------------

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	6
Mud tanks total capacity	Approx. 4800 bbl
Water tanks total capacity	Approx. 1000 bbl



SHALE SHAKERS

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

LOW PRESSURE BOP

Annular Preventer	30", 1K NOV Ann BOP
	21-1/4", 2K Cameron Ann BOP
Ram Preventer	26-3/4", 3K SGL Ram BOP with S/B
	26-3/4", 3K DBL Ram BOP with S/B

HIGH PRESSURE BOP

Annular Preventer	13.5/8", 10K Cameron Ann BOP
Ram Preventer	13-5/8", 15K DBL Ram BOP Cameron w S/B
	13-5/8", 15K DBL Ram BOP Cameron w T/B

CHOKE MANIFOLD GENERAL

Choke manifold	NOV
Size & pressure	4-1/16", 15K x 10K

ELECTRIC GENERATION SYSTEM

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

CAMP

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

ADDITIONAL EQUIPMENT