

T-517 2000 HP DESERT RIG

TECHNICAL OVERVIEW

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

MAST

Maker & Model	LTI (Le Tourneau)
Suitable for:	Triple stands range 2 drill pipes
Static hook load capacity	1,000,000 lbs
Clear height	147 ft

SUBSTRUCTURE

Maker & Model	LTI (Le Tourneau)
Rotary Capacity	1,000,000 lbs
Setback Capacity	600,000 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	LTI-L-DDTD 500
Rated load capacity	454 mt
Max. continuous output torque	46,000 ft.lbs @ 126 rpm

ROTARY TABLE

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

IRON ROUGHNECK

Maker & Model	N/A
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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	7
Mud tanks total capacity	Approx. 4118 bbl
Water tanks total capacity	Approx. 616 bbl



SHALE SHAKERS

Quantity:	3 + 1 (Mud Cleaner)
Maker & Model	NOV/Brandt VSM 300
Mud cleaner	NOV/Brandt King Cobra 24-3

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+DBL) Cameron 13.5/8" – 15K

CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	4.1/16" 10K x 3.1/8" 5K

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512B
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