

## 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	5,000 psi

### LOW PRESSURE MUD SYSTEM

Number of mud tanks	7
Mud tanks total capacity	Approx. 3700 bbl
Water tanks total capacity	Approx. 852 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	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", 10K DBL Ram BOP Cameron w S/B 13-5/8", 10K DBL Ram BOP Cameron w T/B

### CHOKE MANIFOLD GENERAL

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