

## T-559 2000 HP DESERT RIG

### TECHNICAL OVERVIEW

Rating	2,000 HP
Hook load	1,000,000 lbs
Drilling depth	20,000 ft
Year of construction 2007	

### MAST

Maker & Model	Drillmec Swing lift
Suitable for:	Triple stands range 2 drill pipes
Static hook load capacity	1,000,000 lbs
Clear height	156 ft

### SUBSTRUCTURE

Maker & Model	Drillmec Finger type
Rotary Capacity	1,000,000 lbs
Setback Capacity	800,000 lbs
Clearance	30 ft Ground to Rotary Beam

### DRAWWORKS

Maker & Model	Drillmec MAS 7000
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	Wirth RTSS 375
Capacity	490 mt
Maximum opening	37.1/2"

### IRON ROUGHNECK

Maker & Model	Forum FH-100
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### MUD PUMPS

Quantity:	3
Maker & Model	Wirth TPK 7.1/2" x 12"
Rated input power	1,600 HP
Working Pressure	5,000 psi

### LOW PRESSURE MUD SYSTEM

Number of mud tanks	9
Mud tanks total capacity	Approx. 4000 bblm <sup>3</sup>
Water tanks total capacity	Approx. 925 bbl



### SHALE SHAKERS

Quantity:	3 + 1 (Mud Cleaner)
Maker & Model	MI Swaco MD-3C
Mud cleaner	MI Swaco 9675385-04

### 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" - 10K

### CHOKE MANIFOLD GENERAL

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

### ELECTRIC GENERATION SYSTEM

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

### CAMP

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

### ADDITIONAL EQUIPMENT