

## T-247 3000 HP DESERT RIG

### TECHNICAL OVERVIEW

Rating	3000 HP
Hook load	2,000,000 lbs @ 16 Lines
Drilling depth	30,000 ft
Year of construction 2011	

### MAST

Maker & Model	Drillmec Type Rapid 2000
Suitable for:	Triple stand range 2 drill pipes
Static hook load capacity	2,000,000 lbs
Clear height	160 ft

### SUBSTRUCTURE

Maker & Model	Drillmec Rapid 2000
Rotary Capacity	2,000,000 lbs
Setback Capacity	1,000,000 lbs
Clearance	39 ft Ground to Rotary Beam

### DRAWWORKS

Maker & Model	Wirth GH3300 EG-AC
Rated input power	3,000 HP
Drum brake type	Disc brake + AC generative breaking system
Auxiliary Brake	Baylor Elmagco 7838

### TOP DRIVE

Maker & Model	Varco TDS 8SA
Rated load capacity	680 mt
Max. continuous output torque	62,250 @ 94 rpm

### ROTARY TABLE

Maker & Model	Wirth RTSS 375
Capacity	680 mt
Maximum opening	37.1/2"

### IRON ROUGHNECK

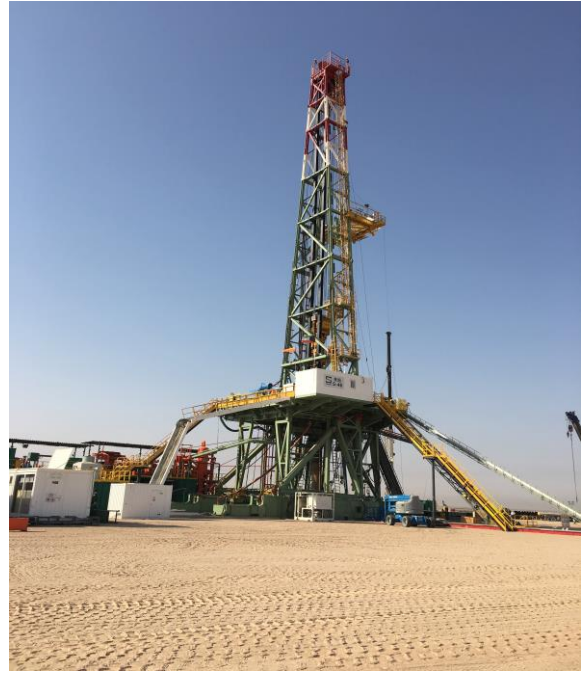
Maker & Model	NOV ST-120
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### MUD PUMPS

Quantity:	3
Maker & Model	Wirth TPK 7.1/2" x 14"
Rated input power	2,200 HP each
Working Pressure	7,500 psi

### LOW PRESSURE MUD SYSTEM

Number of mud tanks	9
Mud tanks total capacity	Approx. 500 m <sup>3</sup>
Water tanks total capacity	Approx. 140 m <sup>3</sup>



### SHALE SHAKERS

Quantity:	4 + 1 (Shaker + Mud Cleaner)
Maker & Model	Swaco MD-3C
Mud cleaner	MI Swaco 9675385-02

### LOW PRESSURE BOP

Annular Preventer	One (1) Shaffer - 21.1/4" – 2K
Ram Preventer	Two (SGL+SGL) Cameron 20.3/4" – 3Ki

### HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron 13.5/8" x 5K
Ram Preventer	One (SGL) Cameron 13.5/8" x 10K One (DBL) Cameron 13.5/8" x 10K

### CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	3.1/16" – 10K

### ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512B
Horsepower Rating	5 x 1,476 HP @ 1200 rpm
Control Unit	Bentec PCR (VFD)

### CAMP

Mini Camp	Yes
Main Camp	Not available

### ADDITIONAL EQUIPMENT

Auto Driller System  
Enclosed Driller Cabin with cyber chair and joystick operation