

## T-243 2000 HP DRILLING RIG

### TECHNICAL OVERVIEW

Rating	2,000 HP
Hook load	1,000,000 lbs
Drilling depth	24,000 ft
Year of construction	1981, refurbished in 2009

### MAST

Maker & Model	Massarenti / Pyramid cantilever
Suitable for:	Triple stand range 2 drill pipes
Static hook load capacity	1,000,000 lbs
Clear height	142 ft

### SUBSTRUCTURE

Maker & Model	Massarenti / Pyramid
Rotary Capacity	1,000,000 lbs
Setback Capacity	600,000 lbs
Clearance	23 ft Ground to Rotary Beam

### DRAWWORKS

Maker & Model	Oilwell E2000
Rated input power	2,000 HP
Drum brake type	Band
Auxiliary Brake	Baylor Elmagco 7040

### TOP DRIVE

Maker & Model	Hydralift HPS 500E- AC
Rated load capacity	454 mt
Max. continuous output torque	37,200 lbs.ft @ 120 rpm

### ROTARY TABLE

Maker & Model	Oilwell B375
Capacity	590 mt
Maximum opening	37.1/2"

### IRON ROUGHNECK

Maker & Model	NOV ST-80
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### MUD PUMPS

Quantity:	3
Maker & Model	(2) National 12-P-160 (1) Emsco FB1600
Rated input power	1,600 HP
Working Pressure	5,000 psi

### LOW PRESSURE MUD SYSTEM

Number of mud tanks	6
Mud tanks total capacity	Approx. 3890 bbl
Water tanks total capacity	Approx. 1643 bbl



### SHALE SHAKERS

Quantity:	4 (Shaker + Mud Cleaner)
Maker & Model	NOV / Brandt King Cobra
Mud cleaner	Derrick FLC 2000

### LOW PRESSURE BOP

Annular Preventer	One (1) Hydriil MSP – 21.1/4" – 2K
Ram Preventer	Two (2) Shaffer LWS – 20.3/4" – 3K

### HIGH PRESSURE BOP

Annular Preventer	One (1) Hydriil GK – 13.5/8" – 5K
Ram Preventer	Three (3) Cameron U – 13.5/8" – 10K

### CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	3.1/16" – 10,000 psi

### ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3516
Horsepower Rating	4 x 1,500 HP
Control Unit	General Electric PCR (SCR)

### CAMP

Mini Camp	Yes
Main Camp	Yes, approx. 100 beds

### ADDITIONAL EQUIPMENT