

T-302 2000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	2,000 HP
Hook load	1,000,000 lbs
Drilling depth	20,000 ft
Year of construction 2014	

MAST

Maker & Model	Drillmec
Suitable for:	Triple stands range 2 drill pipes
Static hook load capacity	1,000,000 lbs
Clear height	157 ft

SUBSTRUCTURE

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

DRAWWORKS

Maker & Model	Drillmec MAS 7000 GD
Rated input power	2,000 HP
Drum brake type	Disc Calipers
Auxiliary Brake	AC generative breaking system

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	MHWirth RTSS 375
Capacity	454 mt
Maximum opening	37.1/2"

IRON ROUGHNECK

Maker & Model	NOV ST-80C
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MUD PUMPS

Quantity:	3
Maker & Model	Drillmec 12-T-1600
Rated input power	1,600 HP
Working Pressure	7,500 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	9
Mud tanks total capacity	Approx. 4500 bbl
Water tanks total capacity	Approx. 1000 bbl



SHALE SHAKERS

Quantity:	3 + 1
Maker & Model	MISwaco MD-3C
Mud cleaner	MISwaco 9675385-04

LOW PRESSURE BOP

Annular Preventer	One (1) NOV - 21.1/4" x 2K
Ram Preventer	Two (DBL+SGL) Cameron - 26.3/4" x 3K

HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron 13.5/8" x 10K
Ram Preventer	Two (DBL+DBL) Cameron -13.5/8" x 10K

CHOKE MANIFOLD GENERAL

Choke manifold	NOV
Size & pressure	4.1/16" – 10K/5K

ELECTRIC GENERATION SYSTEM

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

CAMP

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

ADDITIONAL EQUIPMENT