

T-902 2000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	2000 HP	
Hook load	1,000,000 lbs @ 12 Lines	
Drilling depth theoretical	20,000 ft	6,000m
Year of construction 1986		

MAST

Type	DSL, Cantilever
Height	157 ft
Static Hook Load	1,000,000 lbs with 12 lines

SUBSTRUCTURE

Type	DSL, Self-elevating sling-shot
Height	33 ft
Casing load	1,000,000 lbs
Setback load	700,000 lbs

DRAWWORKS

Type	National E-2000 Band brake
Horsepower rating	2,000 HP
Max. Hoisting cap	940,000 lbs with 12 lines
Drilling line diameter	1.3/8"
Auxiliary brake	Baylor-Eddy current, Model 7838

TOP DRIVE

Type	NOV, 11SA
Capacity	500 Tons
Torque	37,100 ft-lb continuous

ROTARY TABLE

Type	LSPE ZP-375
Table opening	37 1/2"

IRON ROUGHNECK

Type	NOV Model 30120
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DRIVE GROUP

Engine type	Caterpillar -3512B
Horsepower Rating	4 x 1,476 HP / 1,200 rpm
Generator type	Caterpillar SR4 Brushless
Generator rating	4 x 1400 kva
Voltage	600V, 60 Hz
Control Unit (PCR)	NOV Ross Hill (SCR)



MUD SYSTEM

Pump type	2 x LSP F1600L
Horsepower rating	2 x 1,600 HP
Standpipe pressure	5000 psi
Shale shaker	3 No.s
Shale shaker type	Derrick flow line cleaner
Active mud system	1,500 Bbl
Reserve mud syst.	2,500 Bbl
Water Tanks	1,000 Bbl
Cement Mix Tanks	1,000 Bbl

BOP EQUIPMENT

Annular	Hydril 30", 21-1/4", 13 5/8" 5K
Double ram	Cameron 13 5/8" - 10,000 psi
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CAMP EQUIPMENT

Full rig camp for 140 men

ADDITIONAL EQUIPMENT

Anti-Collision System (Kerui)