

## T-901 2000 HP DESERT RIG

### TECHNICAL OVERVIEW

<b>Rating</b>	2000 HP	
<b>Hook load</b>	1,300,000 lbs @ 14 Lines	
<b>Drilling depth theoretical</b>	20,000 ft	6,000m

Year of construction, Rebuilt 2016

### MAST

<b>Type</b>	Kerui, Cantilever
<b>Height</b>	157 ft
<b>Static Hook Load</b>	1,300,000 lbs with 14 lines

### SUBSTRUCTURE

<b>Type</b>	Kerui, Self-elevating sling-shot
<b>Height</b>	34 ft
<b>Casing load</b>	1,300,000 lbs
<b>Setback load</b>	800,000 lbs

### DRAWWORKS

<b>Type</b>	Kerui E-2000 Disc brake
<b>Horsepower rating</b>	2,000 HP
<b>Max. Hoisting cap</b>	1,000,000 lbs with 12 lines
<b>Drilling line diameter</b>	1.1/2"
<b>Auxiliary brake</b>	Baylor-Eddy current, Model 7838

### TOP DRIVE

<b>Type</b>	NOV, 11SA
<b>Capacity</b>	500 Tons
<b>Torque</b>	37,100 ft-lb continuous

### ROTARY TABLE

<b>Type</b>	Kerui ZP-375
<b>Table opening</b>	37 1/2"

### IRON ROUGHNECK

<b>Type</b>	NOV Model 30120
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### DRIVE GROUP

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



### MUD SYSTEM

<b>Pump type</b>	2x National 12-P-160
<b>Horsepower rating</b>	2 x 1,600 HP,
<b>Standpipe pressure</b>	5000 psi
<b>Shale shaker</b>	3 No.s
<b>Shale shaker type</b>	Derrick flow line cleaner
<b>Active mud system</b>	1,500 Bbl
<b>Reserve mud syst.</b>	2,500 Bbl
<b>Water Tanks</b>	1,000 Bbl
<b>Cement Mix Tanks</b>	1,000 Bbl

### BOP EQUIPMENT

<b>Annular</b>	Hydril 30", 21-1/4", 13 5/8" 5K
<b>Double ram</b>	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)