

## RIG T-896 MOBILE DESERT RIG

### TECHNICAL OVERVIEW

<b>Rating</b>	1,000 HP
<b>Hook load</b>	500,000 lbs. @ 10 Lines
<b>Drilling depth theoretical</b>	10,000 ft

Year of construction 2015

### MAST

<b>Type</b>	Free standing Telescopic
<b>Height</b>	115 ft
<b>Static Hook Load</b>	500,000 lbs

### SUBSTRUCTURE

<b>Type</b>	Single Trailer
<b>Height</b>	25 ft
<b>Casing load</b>	500,000 lbs
<b>Setback load</b>	270,000 lbs.

### DRAWWORKS

<b>Type</b>	E-1000-AC, Disc brake
<b>Horsepower rating</b>	1,000 HP
<b>Max. line pull</b>	500,000 lbs with 10 lines
<b>Drilling line diameter</b>	1-1/4"
<b>Auxiliary brake</b>	Dynamic motor brake

### TOP DRIVE

<b>Type</b>	NOV TDS 10SH
<b>Capacity</b>	250 Tons
<b>Torque</b>	22,000 ft.lbs

### ROTARY TABLE

<b>Type</b>	Kerui ZP-275 AC
<b>Table opening</b>	27 1/2"

### IRON ROUGHNECK

<b>Type</b>	NOV ST 80
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### DRIVE GROUP

<b>Engine type</b>	Caterpillar 3512B
<b>Horsepower Rating</b>	1,470 HP
<b>Generator type</b>	SR-4B
<b>Generator rating</b>	1,050 KW
<b>Voltage</b>	600 VAC
<b>Control Unit</b>	AC-VFD 04 x ABB ACS 800



### MUD SYSTEM

<b>Pump type</b>	2 x Bomco F-1000 AC
<b>Horsepower rating</b>	2 x 1,000 HP
<b>Standpipe pressure</b>	5,000 psi
<b>Shale shaker</b>	2 No.s
<b>Shale shaker type</b>	Derrick Hyper pool
<b>Active mud system</b>	2-skid Mounted, 100m3
<b>Reserve mud system</b>	2-skid Mounted, 150m3
<b>Water Tanks</b>	2-skid mounted, 150m3

### BOP EQUIPMENT

<b>Annular</b>	13 5/8" - 5,000 psi
<b>Single ram</b>	NA
<b>Double ram</b>	13 5/8" - 5,000 psi

### CAMP EQUIPMENT

Full rig camp for 100 personnel

### ADDITIONAL EQUIPMENT

Air conditioned Driller Cabin with pressurized system.  
MD Totco Instrumentation.  
Soft Torque Rotary System  
Anti-collision for monkey board  
KEMS  
CCTV Cameras