

## T-218 1500 HP MOBILE DESERT RIG

### TECHNICAL OVERVIEW

Rating	1,500 HP
Hook load	1,000,000 lbs @ 12 Lines
Drilling depth theoretical	16,000 ft

Year of construction 2014

### MAST

Type	Kerui, Cantilever for triple with wheels
Height	152 ft
Static Hook load	1,000,000 lbs with 12 lines

### SUBSTRUCTURE

Type	Kerui Self elevating with wheels
Height	30 ft
Casing load	1,000,000 lbs
Setback load	500,000 lbs

### DRAWWORKS

Type	Kerui, E-1500 AC with disc brake
Horsepower rating	1,500 HP
Max. Hoisting load	750,000 lbs with 10 lines
Drilling line diameter	1-3/8"
Auxiliary brake	Dynamic motor brake

### TOP DRIVE

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

### ROTARY TABLE

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

### IRON ROUGHNECK

Type	NOV ST-80
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### DRIVE GROUP

Engine type	Caterpillar 3512B (Trailer mounted)
Horsepower Rating	4 x 1436 HP
Generator type	Cat SR4 Brushless
Generator rating	4 x 1,400 KVA
Voltage	600 V, 60 Hz
Control Unit (PCR)	Kerui ABB (VFD)



### MUD SYSTEM

Pump type	2 x LS China, Triplex (Trailer mounted)
Horsepower rating	2 x 1,600 HP
Standpipe pressure	5,000 psi
Shale shaker	3 No.s
Shale shaker type	Derrick flow line
Active mud system	2,000 bbl.
Reserve mud syst.	1,000 bbl.
Water Tanks	1,000 bbl.

### BOP EQUIPMENT

Annular	Shaffer, 13 5/8" - 5,000 psi
Single ram	Cameron 13 5/8" - 5000 psi
Double ram	Cameron 13 5/8" - 5000 psi

### CAMP EQUIPMENT

Full rig camp for 140 men

### ADDITIONAL EQUIPMENT

Highly mobile with wheels  
Anti-Collision System (Kerui)