

T-216 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
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	550,000 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	Varco TDS 11SA
Capacity	500 Ton
Torque	37,500 ft.lbs

ROTARY TABLE

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

IRON ROUGHNECK

Type	NOV ST-80
------	-----------

DRIVE GROUP

Engine type	Caterpillar 3512 B (Trailer mounted)
Horsepower Rating	4 x 1476 HP
Generator type	Cat SR4 Brushless
Generator rating	4 x 1,750 KVA
Voltage	600 V, 60 Hz
Control Unit	VFD, Siemens



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