

T-867 2000 HP LAND RIG

TECHNICAL OVERVIEW

Rating	2000 HP	
Hook load	1,300,000 lbs @ 14 Lines	
Drilling depth theoretical	20,000 ft	6000m
Year of construction 2014		

MAST

Type	Kerui, Cantilever
Height	152 ft
Static Hook Load	1,300,000 lbs with 14 lines 1,000,000 lbs with 12 lines

SUBSTRUCTURE

Type	Kerui, Self elevating
Height	34 ft
Casing load	1,300,000 lbs
Setback load	800,000 lbs

DRAWWORKS

Type	Kerui, Electric DC
Horsepower rating	2,000 HP
Max. line pullZ	1,000,000 lbs with 12 Lines
Drilling line diameter	1.1/2"
Auxiliary brake	Baylor Eddy Current Model 7838

TOP DRIVE

Type	TDS NOV-11SA
Capacity	444840 daN
Torque	5084 daN.m

ROTARY TABLE

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

IRON ROUGHNECK

Type	N/A
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DRIVE GROUP

Engine type	Cat 3512B
Horsepower Rating	5 x 1476 HP
Generator type	Caterpillar SR4B
Generator rating	4 x 1,101 KW
Voltage	600V, 60 Hz
Control Unit	SCR Ross Hill



MUD SYSTEM

Pump type	3 x LS China F-1600L Triplex
Horsepower rating	3 x 1600 HP
Standpipe pressure	5000 psi
Shale shaker	3 No.s
Shale shaker type	Derrick Flow,Linear
Active mud system	1,600 bbl
Reserve mud syst.	1,000 bbl
Water Tanks	1,300 bbl

BOP EQUIPMENT

Annular	Shaffer 13 5/8" - 5000 psi
Single ram	Cameron 13 5/8" - 10,000 psi
Double ram	Cameron 13 5/8" - 10,000 psi

CAMP EQUIPMENT

Full rig camp for 120 men

ADDITIONAL EQUIPMENT

Dolly and wheels for mast and substructure
Anti-Collision System
CCTV Camera
KEMS