

T-859 1500 HP MOBILE DESERT RIG

TECHNICAL OVERVIEW

Rating	1,500 HP
Hook load	800,000 lbs @ 10 Lines
Drilling depth theoretical	16,000 ft
Year of construction 2010 (refurbished)	

MAST

Type	NOV, Cantilever for triple
Height	147 ft
Static Hook load	800,000 lbs with 10 lines

SUBSTRUCTURE

Type	NOV Self elevating on wheels
Height	30 ft
Casing load	800,000 lbs
Setback load	450,000 lbs

DRAWWORKS

Type	National, Model-110 EU
Horsepower rating	1,500 HP
Max. Hoisting load	710,000 lbs with 10 lines
Drilling line diameter	1-3/8"
Auxiliary brake	Eddy Current, Type- 6032

TOP DRIVE

Type	Varco TDS 11SA
Capacity	500 Ton
Torque	37,500 ft.lbs

ROTARY TABLE

Type	National, C- 375
Table opening	37-1/2"

IRON ROUGHNECK

Type	N/A
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DRIVE GROUP

Engine type	Caterpillar 3512
Horsepower Rating	4 x 1,200 HP
Generator type	Cat SR4 Brushless
Generator rating	4 x 1200 KVA
Voltage	600 V, 60 Hz
Control Unit	SCR



MUD SYSTEM

Pump type	National 10P-130	
Horsepower rating	3 x 1,300 HP	
Standpipe pressure	5,000 psi	
Shale shaker	3 No.s	
Shale shaker type	Derrick flow line	
Active mud system	962 bbl.	153 m3
Reserve mud syst.	912 bbl.	145 m3
Water Tanks	912 bbl.	145 m3

BOP EQUIPMENT

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

CAMP EQUIPMENT

Full rig camp for 100 men

ADDITIONAL EQUIPMENT

Rig can move with standing mast
Anti-Collision System
CCTV Camera
KEMS