

RIG T-897 MOBILE DESERT RIG

TECHNICAL OVERVIEW

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

Year of construction 2015

MAST

Type	Free standing Telescopic
Height	115 ft
Static Hook Load	500,000 lbs

SUBSTRUCTURE

Type	Single Trailer
Height	25 ft
Casing load	500,000 lbs
Setback load	270,000 lbs.

DRAWWORKS

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

TOP DRIVE

Type	NOV TDS 10SH
Capacity	250 Tons
Torque	22,000 ft.lbs

ROTARY TABLE

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

IRON ROUGHNECK

Type	NOV ST 80
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DRIVE GROUP

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



MUD SYSTEM

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

BOP EQUIPMENT

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

CAMP EQUIPMENT

Full rig camp for 100 men

ADDITIONAL EQUIPMENT

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