

T-889 2000 HP LAND RIG

TECHNICAL OVERVIEW

Rating	2000 HP	1,491 kW
Hook load	1,000,000 lbs with 12 Lines	454 mt
Drilling depth theoretical	20,000 ft	6000m

Year of construction 2005

MAST

Type	Oderco USA, Swing up, Self Elevating A frame
Height	152 ft
Static Hook Load	1,000,000 lbs with 12 lines

SUBSTRUCTURE

Type	ODERCO, Cantilever
Height	34 ft
Casing load	1,000,000 lbs
Setback load	800,000 lbs

DRAWWORKS

Type	National 1320UE
Horsepower rating	2,000 HP
Max. line pullZ	940,000 lbs with 12 Lines
Drilling line diameter	1 3/8"
Auxiliary brake	Eddy current Baylor 7040

TOP DRIVE

Type	TDS-11S
Capacity	500 Tons
Torque	37,500 ft.lbs continuous

ROTARY TABLE

Type	Ideco B-375
Table opening	37 1/2"

IRON ROUGHNECK

Type	N/A
-------------	-----

DRIVE GROUP

Engine type	Caterpillar D 3512
Horsepower Rating	4 x 1,436 HP
Generator type	Caterpillar SR4B
Generator rating	4 x 1,200 kVA @ 1200 rpm
Voltage	600V, 60 Hz
Control Unit	SCR M&I



MUD SYSTEM

Pump type	3 Gardner Denver PZ-11
Horsepower rating	3 x 1,600 HP
Standpipe pressure	5,000 psi
Shale shaker	3 No.s
Shale shaker type	Derrick, Linear
Active mud system	1,200 bbl.
Reserve mud syst.	1,000 bbl.
Water Tanks	1,000 bbl.

BOP EQUIPMENT

Annular	Hydril 13 5/8" - 10,000 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

Anti-Collision System
CCTV Camera
KEMS