

T-529 1500 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	1,500 HP
Hook load	1,000,000 lbs
Drilling depth	20,000 ft
Year of construction 1984	

MAST

Maker & Model	Massarenti/ Branham Cantilever
Suitable for:	Triple stands range 2 drill pipes
Static hook load capacity	1,000,000 lbs
Clear height	153 ft

SUBSTRUCTURE

Maker & Model	Massarenti / Branham
Rotary Capacity	1,000,000 lbs
Setback Capacity	600,000 lbs
Clearance	23.5 ft Ground to Rotary Beam

DRAWWORKS

Maker & Model	National 110 UE
Rated input power	1,500 HP
Drum brake type	Band
Auxiliary Brake	Baylor Elmagco 6032

TOP DRIVE

Maker & Model	Varco TDS-11SA
Rated load capacity	454 mt
Max. continuous output torque	37,400 @ 120 rpm

ROTARY TABLE

Maker & Model	National C-375
Capacity	590 mt
Maximum opening	37.1/2"

IRON ROUGHNECK

Maker & Model	N/A
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MUD PUMPS

Quantity:	3
Maker & Model	Ideco T1600
Rated input power	1,600 HP
Working Pressure	5,000 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	6
Mud tanks total capacity	Approx. 3300 bbl
Water tanks total capacity	Approx. 1006 bbl



SHALE SHAKERS

Quantity:	3 + 1 (Mud Cleaner)
Maker & Model	MI Swaco Mongoose
Mud cleaner	MI Swaco 9675300-04

LOW PRESSURE BOP

Annular Preventer	21-1/4", 2K Cameron Ann BOP
Ram Preventer	-

HIGH PRESSURE BOP

Annular Preventer	13.5/8", 5K Cameron Ann BOP
Ram Preventer	13-5/8", 10K SGL Ram BOP Cameron w S/B 13-5/8", 10K DBL Ram BOP Cameron w T/B

CHOKE MANIFOLD GENERAL

Choke manifold	NOV
Size & pressure	3-1/16", 10K x 5K

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512
Horsepower Rating	4 x 1,250 HP
Control Unit	Ross Hill PCR (SCR)

CAMP

Mini Camp	Yes, capacity approx. 40 beds
Main Camp	Yes, capacity approx. 90 beds

ADDITIONAL EQUIPMENT