

## 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	7
Mud tanks total capacity	Approx. 3000 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	One (1) Cameron 21.1/4" – 2K
Ram Preventer	-

### HIGH PRESSURE BOP

Annular Preventer	One (1) Cameron 13.5/8" – 5K
Ram Preventer	Two (DBL+SGL) Cameron 13.5/8" - 10K

### CHOKE MANIFOLD GENERAL

Choke manifold	NOV / T3 Energy
Size & pressure	3.1/16" – 10K x 3.1/8" – 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