

T-92 HP STATIONARY DESERT RIG

TECHNICAL OVERVIEW

Rating	2,000 HP	1,491 kW
Hook load	1,000,000 lbs @ 12 lines	454 mt
Drilling depth theoretical	23,000 ft	7000m
Year of construction 2014		

MAST

Type	Bentec cantilever	
Height	152 ft	46,32 m
Hook load	1,000,000 lbs	454 mt

SUBSTRUCTURE

Type	Bentec Slingshot	
Height	30 ft	9.1 m
Casing load	1,000,000 lbs	454 mt
Setback load	700,000 lbs	318 mt

DRAWWORKS

Type	Bentec E-450-AC-SG	
Horsepower rating	2,000 HP	1,491 kW
Max. line pull	94,140 lbs	42,7 mt
Drilling line diameter	1.1/2"	38mm
Auxiliary brake	Disc Brake + (power braking via AC motors)	

TOP DRIVE

Type	Bentec TD-500-HT	
Capacity	1,102,311 lbs	500 mt
Torque	46,000 ft.lbs	62,300 Nm

ROTARY TABLE

Type	RDE-375-90-1-38-30	
Table opening	37 1/2"	952.5 mm

IRON ROUGHNECK

Type	B&V 9GF – 100 Floor Hand	
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DRIVE GROUP

Engine type	Caterpillar 3512B DI TA-SCAC	
Horsepower Rating	4 x 1757 HP @ 1500 rpm	
Generator type	Caterpillar SR4B	
Generator rating	4 x 1,728 kVA @ 1500 rpm	
Voltage	690V, 50 Hz	
Control Unit	Bentec VFD	



MUD SYSTEM

Pump type	3 x Bentec T-1600-AC (R)	
Horsepower rating	3 x 1,600 HP	
Standpipe pressure	7,500 psi	517 bar
Shale shaker	3 pcs single	
Shale shaker type	MI Swaco MD3	
Active mud system	1,535 bbl.	246 m3
Reserve mud syst.	2000 bbl.	320 m3
Water Tanks	2 x 500 bbl.	160 m3

BOP EQUIPMENT

Annular	13 5/8" - 5,000 psi	
Single ram	13 5/8" - 10,000 psi	
Double ram	13 5/8" - 10,000 psi	

CAMP EQUIPMENT

Full rig camp

ADDITIONAL EQUIPMENT

Air conditioned Driller Cabin with Bentec InfoDrill
Anti-Collision System (Bentec ACS)
Feed Off Control System (Bentec FOCS)
Soft Torque Rotary System (Bentec STRS)