

T-83 3000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	3,000 HP	
Hook load	1,500,000 lbs @ 14 Lines	680 mt
Drilling depth theoretical	29,500 ft	
Year of construction 2019		

MAST

Type	K - Type
Height	157.5 ft
Static Hook load	1,500,000 lbs @ 14 Lines

SUBSTRUCTURE

Type	DZ675/13.7-S; Sling shot type
Height	45 ft
Casing load	1,500,000 lbs
Setback load	800,000 lbs

DRAWWORKS

Type	Bentec E-3000-AC
Horsepower rating	3,000 HP
Max. Hoisting load	1,762,000 lbs with 14 lines
Drilling line diameter	1-3/4"
Auxiliary brake	Disc brake + (power braking via AC motors)

TOP DRIVE

Type	Bentec TD-750-HT
Capacity	1,500,000 lbs
Torque cont.	73,760 ft.lbs

ROTARY TABLE

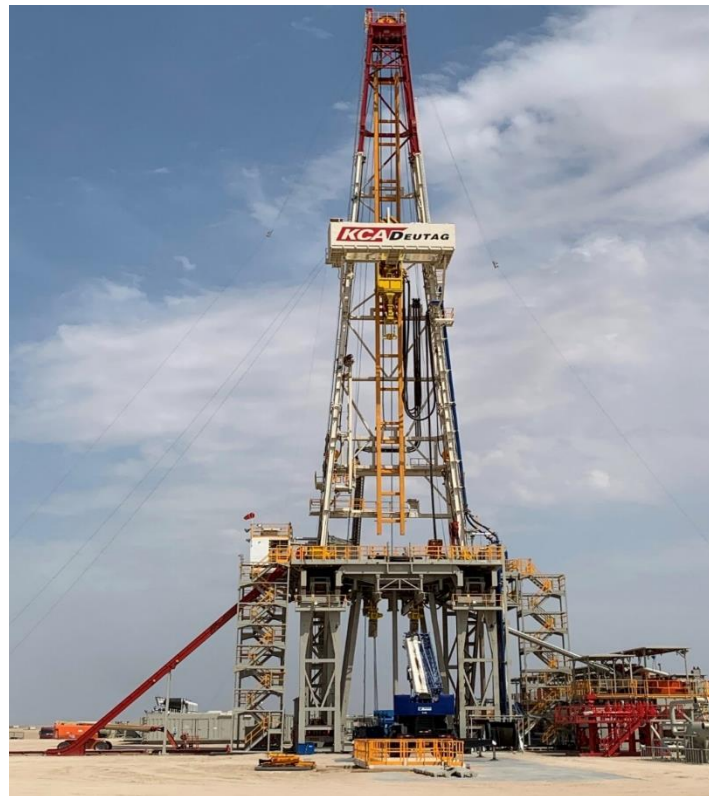
Type	ZP375Z
Table opening	37-1/2"

IRON ROUGHNECK

Type	Bentec IR-100
Max. make-up torque	100,000 ft.lbs
Max. break-out torque	120,000 ft.lbs

DRIVE GROUP

Engine type	Caterpillar 3512 C
Horsepower Rating	6 x 1,750 HP @ 1200 rpm
Generator type	SR 500
Generator rating	6 x 1700 KVA
Voltage	600 V, 60 Hz
Control Unit	Bentec VFD



MUD SYSTEM

Pump type	MHWirth TPK 2200	
Horsepower rating	3 x 2,200 HP	
Standpipe pressure	7,500 psi	
Shale shaker	4 No.s	
Shale shaker type	MI Swaco Mongoose PRO	
	Dual motion	
Active mud system	2,200 bbl.	353 m3
Reserve mud syst.	3,000 bbl.	480 m3
Water Tanks	5,000 bbl.	800 m3

BOP EQUIPMENT

18-3/4" Stack	
Annular	18 3/4" - 10,000 psi
Double ram - Shear	18 3/4" - 15,000 psi
Double ram	18 3/4" - 15,000 psi
26 3/4" Stack	
Annular/Diverter	29 1/2" x 500 psi
Double ram	26 3/4" x 3000 psi

CAMP EQUIPMENT

Rig Camp capacity 30 beds
Main Camp capacity 87 beds

ADDITIONAL EQUIPMENT

Air conditioned Driller Cabin with Bentec InfoDrill
Anti-Collision System (Bentec ACS)
CCTV Camera
Hydraulic Catwalk
Drill Floor Elevator