

## T-82 3000 HP DESERT RIG

### TECHNICAL OVERVIEW

<b>Rating</b>	3,000 HP	
<b>Hook load</b>	1,500,000 lbs @ 14 Lines	680 mt
<b>Drilling depth theoretical</b>	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

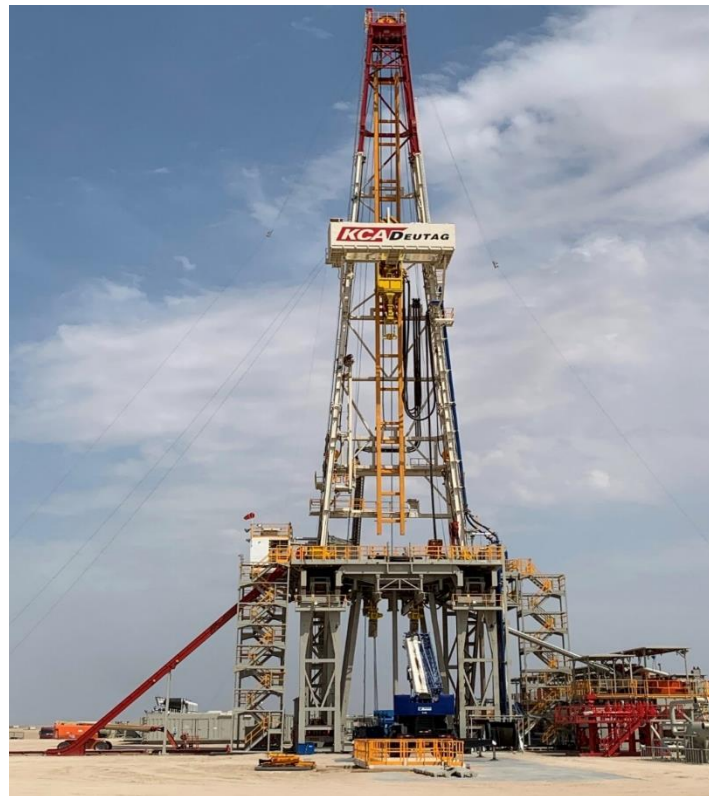
Type	ZP375Z
Table opening	37-1/2"

### 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

<b>18-3/4" Stack</b>	
Annular	18 3/4" - 10,000 psi
Double ram - Shear	18 3/4" - 15,000 psi
Double ram	18 3/4" - 15,000 psi
<b>26 3/4" Stack</b>	
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