

## T-914 2000 HP DESERT RIG

### TECHNICAL OVERVIEW

<b>Rating</b>	2000 HP	1,491 kW
<b>Hook load</b>	1,000,000 lbs @ 12 Lines	454 mt
<b>Drilling depth theoretical</b>	20,000 ft	6000m
Year of construction 2006		

### MAST

Type	Bomco, Self Elevating A frame
Height	157 ft
Static Hook Load	1,000,000 lbs with 12 lines

### SUBSTRUCTURE

Type	Bomco, Swing up A frame
Height	34 ft
Casing load	1,000,000 lbs
Setback load	800,000 lbs

### DRAWWORKS

Type	Bomco JC70DB AC, Disc brake
Horsepower rating	2,000 HP
Max. Hoisting cap	1,000,000 lbs @ 12 Lines
Drilling line diameter	1.1/2"
Auxiliary brake	Dynamic motor brake

### TOP DRIVE

Type	NOV, 11SA
Capacity	500 Tons
Torque	37,100 ft-lb continuous

### ROTARY TABLE

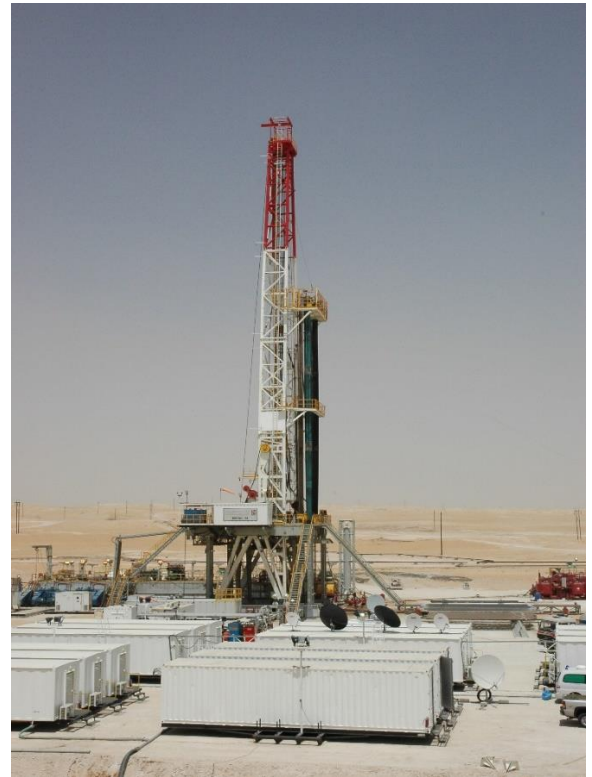
Type	Bomco ZP-375, AC drive
Table opening	37 1/2"

### IRON ROUGHNECK

Type	N/A
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### DRIVE GROUP

Engine type	Caterpillar 3512B
Horsepower Rating	4 x 1,476 HP
Generator type	Caterpillar SR4B
Generator rating	4 x 1400 kVA @ 1200 rpm
Voltage	600V, 60 Hz
Control Unit (PCR)	Bomco Siemens (VFD & SCR)



### MUD SYSTEM

Pump type	2 x Bomco F-1600L, Triplex
Horsepower rating	2 x 1,600 HP
Standpipe pressure	5,000 psi
Shale shaker	3 No.s
Shale shaker type	Derrick, Linear
Active mud system	2,000 bbl.
Reserve mud syst.	1,500 bbl.
Water Tanks	1,000 bbl. + Cement mix 1000 bbl

### BOP EQUIPMENT

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

### CAMP EQUIPMENT

Full rig camp for 140 men

### ADDITIONAL EQUIPMENT

Anti-Collision System (Rig Smart)