

## T-907 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

<b>Type</b>	Oderco, Cantilever
<b>Height</b>	157 ft
<b>Static Hook Load</b>	1,000,000 lbs with 12 lines

### SUBSTRUCTURE

<b>Type</b>	ODERCO, Swing up A-frame
<b>Height</b>	34 ft
<b>Casing load</b>	1,000,000 lbs
<b>Setback load</b>	800,000 lbs

### DRAWWORKS

<b>Type</b>	National 1320UE
<b>Horsepower rating</b>	2,000 HP
<b>Max. Hoisting cap</b>	940,000 lbs @ 12 Lines
<b>Drilling line diameter</b>	1.3/8"
<b>Auxiliary brake</b>	Eddy current, Baylor Model 7838

### TOP DRIVE

<b>Type</b>	NOV, 11SA
<b>Capacity</b>	500 Tons
<b>Torque</b>	37,100 ft-lb continuous

### ROTARY TABLE

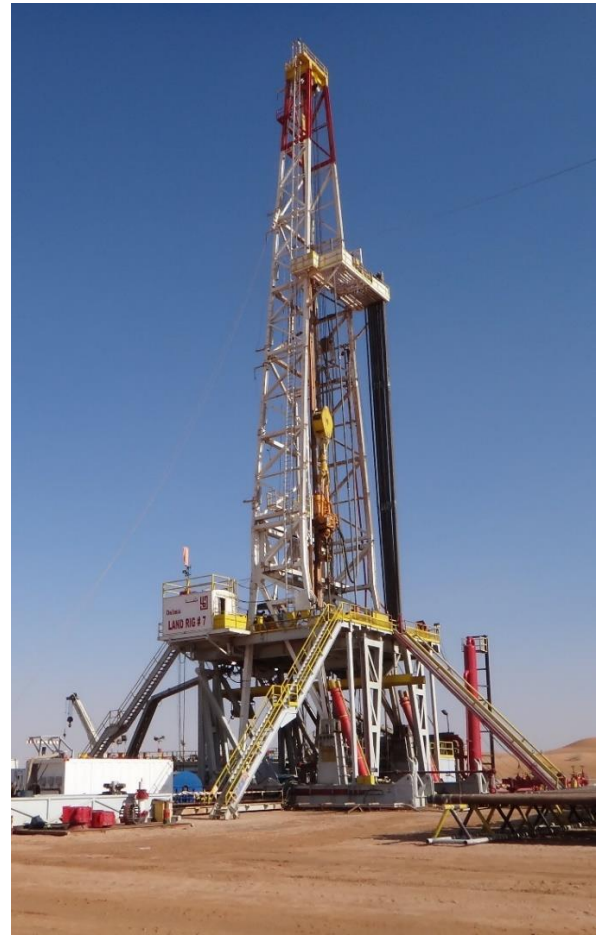
<b>Type</b>	NOV C-375
<b>Table opening</b>	37 1/2"

### IRON ROUGHNECK

<b>Type</b>	N/A
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### DRIVE GROUP

<b>Engine type</b>	Caterpillar 3512A
<b>Horsepower Rating</b>	4 x 1,436 HP
<b>Generator type</b>	Caterpillar SR4B
<b>Generator rating</b>	3x 1,750 kVA @ 1200 rpm 1x 1,428 kVA @ 1200 rpm
<b>Voltage</b>	600V, 60 Hz
<b>Control Unit (PCR)</b>	M&I Ross Hill (SCR)



### MUD SYSTEM

<b>Pump type</b>	2 x PZ-11 Gardner Denver
<b>Horsepower rating</b>	2 x 1,600 HP
<b>Standpipe pressure</b>	5,000 psi
<b>Shale shaker</b>	3 No.s
<b>Shale shaker type</b>	Derrick, Linear
<b>Active mud system</b>	2,000 bbl.
<b>Reserve mud syst.</b>	1,500 bbl.
<b>Water Tanks</b>	1,000 bbl. + Cement mix 1000 bbl

### BOP EQUIPMENT

<b>Annular</b>	Hydril 21-1/4", 13 5/8" 5K psi
<b>Single ram</b>	Cameron 13 5/8" - 5,000 psi
<b>Double ram</b>	Cameron 13 5/8" - 5,000 psi

### CAMP EQUIPMENT

Full rig camp for 140 men

### ADDITIONAL EQUIPMENT

Anti-Collision System (Rig Smart)