

T-914 2000 HP LAND RIG

TECHNICAL OVERVIEW

| | | |
|-----------------------------------|-----------------------------|----------|
| Rating | 2000 HP | 1,491 kW |
| Hook load | 1,000,000 lbs with 12 Lines | 454 mt |
| Drilling depth theoretical | 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. line pull Z | 1,000,000 lbs @ 12 Lines |
| Drilling line diameter | 1.1/2" |
| Auxiliary brake | Dynamic motor brake |

TOP DRIVE

| | |
|-----------------|--------------------------|
| Type | TDS-11S |
| Capacity | 500 Tons |
| Torque | 37,500 ft.lbs continuous |

ROTARY TABLE

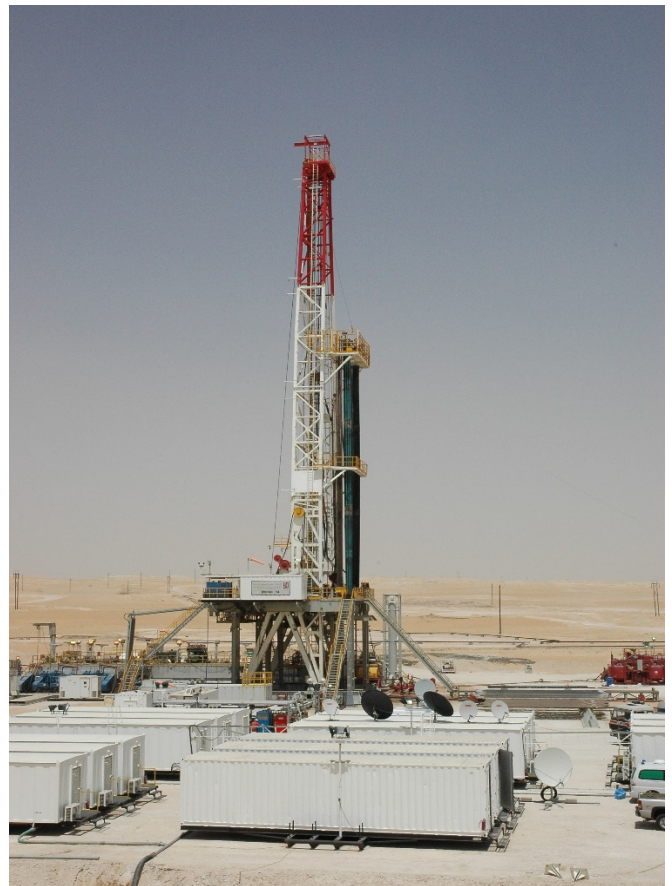
| | |
|----------------------|------------------------|
| Type | Bomco ZP-375, AC drive |
| Table opening | 37 1/2" |

IRON ROUGHNECK

| | |
|-------------|-----|
| Type | N/A |
|-------------|-----|

DRIVE GROUP

| | |
|--------------------------|--------------------------|
| Engine type | Caterpillar D 3512 B |
| Horsepower Rating | 4 x 1,476 HP |
| Generator type | Caterpillar SR4B |
| Generator rating | 4 x 1,750 kVA @ 1200 rpm |
| Voltage | 600V, 60 Hz |
| Control Unit | VFD / SCR Siemens |



MUD SYSTEM

| | |
|---------------------------|----------------------------------|
| Pump type | 2 x Bomco F-1600, 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
KEMS