

T-846 3000 HP DESERT RIG

TECHNICAL OVERVIEW

Rating	3000 HP
Hook load	2,000,000 lbs @ 16 Lines
Drilling depth	30,000 ft
Year of construction 2011	

MAST

Maker & Model	Drillmec Rapid 2000
Suitable for:	Triple stand range 2 drill pipes
Static hook load capacity	2,000,000 lbs
Clear height	160 ft

SUBSTRUCTURE

Maker & Model	Drillmec Rapid 2000
Rotary Capacity	2,000,000 lbs
Setback Capacity	1,000,000 lbs
Clearance	33 ft Ground to Rotary beam

DRAWWORKS

Maker & Model	MHWirth GH 3300 EG AC
Rated input power	3,300 HP
Drum brake type	Disc brake + AC generative breaking system
Auxiliary Brake	Baylor Elmagco 7838

TOP DRIVE

Maker & Model	NOV TDS 8SA
Rated load capacity	680 mt
Max. continuous output torque	62,250 lbs.ft @ 94 rpm

ROTARY TABLE

Maker & Model	MHWirth RTSS 375
Capacity	680 mt
Maximum opening	37.1/2"

IRON ROUGHNECK

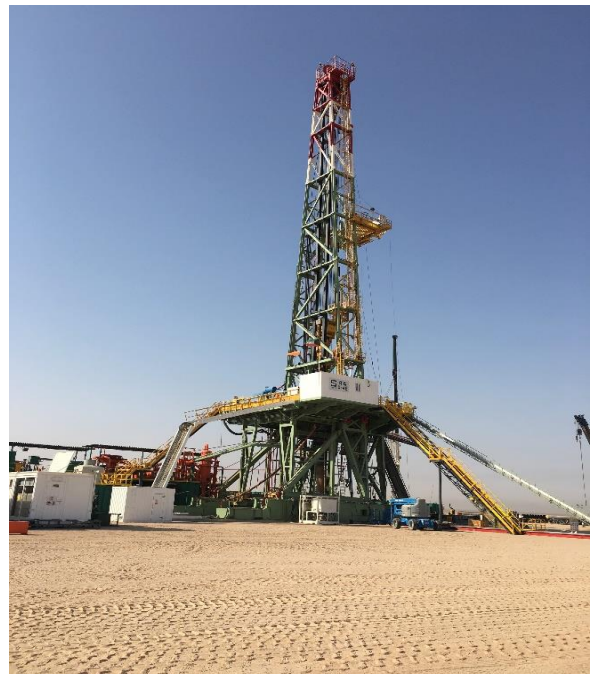
Maker & Model	NOV ST-120
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MUD PUMPS

Quantity:	3
Maker & Model	MHWirth TPK 7.1/2" to " x 14"
Rated input power	2,200 HP
Working Pressure	7,500 psi

LOW PRESSURE MUD SYSTEM

Number of mud tanks	10
Mud tanks total capacity	Approx. 6400 bbl
Water tanks total capacity	Approx. 1297 bbl



SHALE SHAKERS

Quantity:	4 + 1 (Shaker + Mud Cleaner)
Maker & Model	Swaco MD-3C
Mud cleaner	MISwaco 9675385-02

LOW PRESSURE BOP

Annular Preventer	One (1) Cameron - 21.1/4" – 5K
Ram Preventer	Two (DBL+SGL) Cameron U - 21.1/4" -10K

HIGH PRESSURE BOP

Annular Preventer	One (1) Shaffer - 13.5/8" – 10K
Ram Preventer	Two (DBL+DBL) Cameron U, 13.5/8" – 15K

CHOKE MANIFOLD GENERAL

Choke manifold	Cameron
Size & pressure	4.1/16" x 3.1/16" – 15K

ELECTRIC GENERATION SYSTEM

Engine type	Caterpillar 3512B
Horsepower Rating	6 x 1,476 HP @ 1200 rpm
Control Unit	Bentec PCR (VFD)

CAMP

Mini Camp	Yes, capacity approx. 30 beds
Main Camp	Yes, capacity approx. 140 beds

ADDITIONAL EQUIPMENT

Auto Driller System
Enclosed Driller Cabin with cyber chair and joystick operation
Drill Floor Elevator