

T-629

1000 HP Electrical AC Drilling Rig (Rapid Rig)

Technical overview

Rating	1000 HP
Hook load	500,000 lbs
Drilling depth theoretical	11,000 ft
Year of construction 2019	

Mast

Maker & Model	NOV
Suitable for:	Single joint range 3 drill pipe
Static hook load capacity	500,000 lb with 8 lines
Clear height	80 ft

Substructure

Maker & Model	NATIONAL
Rotary Capacity	500,000 lb
Setback Capacity	NA (pipe racks are standing on the ground)
Clearance	17,8 ft

Drawworks

Maker & Model	NOV SSGD-250
Rated input power	1,500 HP
Drum brake type	Electronic Drilling System brake
Auxiliary Brake	DISC BRAKE

Top drive

Maker & Model	VARCO TDS10SRR
Rated load capacity	250 tn
Max. continuous output torque	20,000 lbs-ft @ 87 rpm

Rotary table

Maker & Model	N/A (Only rotary table support with Hydraulic Power Slip)
Capacity	N/A
Maximum opening	N/A

Iron roughneck

Marker & Model	NOV ST-80
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Mud pumps

Quantity:	3
Maker & Model	2 x NATIONAL F1000 1 x OIL WELL A1100PT
Rated input power	1,000 HP - 1,100 HP
Working Pressure	5,000 psi

Low pressure mud system

Number of mud tanks	2
Mud tanks total capacity	Approx. 100 m ³
Water tanks total capacity	Approx. 50 m ³



Shale shakers

Quantity	2
Maker & Model	MI-SWACO MONGOOSE
Mud cleaner	MI-SWACO MONGOOSE 212-8T4

Low pressure BOP

Annular Preventer	N/A
Ram Preventer	N/A

High pressure BOP

Annular Preventer	One (1) 11" – 5K
Ram Preventer	One (DBL) 11" – 5K

Choke manifold

Size & pressure	NOV
Choke manifold	3.1/8" - 10K

Electric generation system

Engine type	CATERPILLAR C32
Horsepower Rating	3 x 1,345 HP
Control Unit	NOV (VFD)

Camp

Mini Camp	Requested by Client
Main Camp	Requested by Client

Additional equipment

