

T-63 DRECO D-2000-E

TECHNICAL OVERVIEW

Rating	2,000 HP	1,491 kW
Hook load	1,000,000 lbs @ 12 lines	454 t
Drilling depth theoretical	20,000 ft	6,096 m

Year of construction 1982, refurbishment 2011

MAST

Type	Dreco Cantiliever	
Height	142 ft	43.3 m
Base	30 ft	9.14 m
N.G.C	1,330,000 lbs	603 t
Hook load	1,000,000 lbs	454 t

SUBSTRUCTURE

Type	Dreco Slingshot	
Height	25 ft + 5 ft subase extension	9.14 m
Casing load	1,000,000 lbs	454 t
Setback load	500,000 lbs	227 t

DRAWWORKS

Type	Dreco D-2000-E	
Horsepower rating	2,000 HP	1,491 kW
Max. line pull	113,000 lbs	51 t
Drilling line diameter	1 3/8"	35 mm
Auxiliary brake	El Magco 7838	

TOP DRIVE

Type	Varco TDS-11SA	
Capacity	1,000,000 lbs	454 t
Torque	37,500 ft.lbs	50,842 Nm

ROTARY TABLE

Type	National C-375	
Table opening	37 1/2"	952.5 mm

IRON ROUGHNECK

Type	Blohm & Voss "Floorhand"	
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DRIVE GROUP

Engine type	Caterpillar 3512A	
Horsepower rating	4 x 986 HP	
Engine type	Caterpillar D 399 TA	
Horsepower rating	1 x 1,153 HP	
Generator type	Baylor S637 RUT-551	
Generator rating	4 x 1,500 kVA	
Generator type	Kato 1030	
Generator rating	1 x 1,287 kVA	
Voltage	600/440 V, 60 Hz	
SCR unit	Ross Hill	

MUD SYSTEM

Pump type	Continental Emsco FB1600	
Horsepower rating	3 x 1,600 HP	
Standpipe pressure	5,000 psi	345 bar
Shale shaker type	Brandt King Cobra	
Shale shaker	3 pc linear motion	
Active mud system	1,635 bbl	260 m ³
Reserve mud system	954 bbl	152 m ³

BOP EQUIPMENT

Annular	13 5/8" x 5,000 psi	
Double ram	13 5/8" x 10,000 psi	
Single ram	13 5/8" x 10,000 psi	

CAMP EQUIPMENT

Full rig and base camp