

Skytop Brewster N-75

Stationary mechanically driven rig

PRINCIPAL PARTICULARS

Type: Stationary/Mechanical
Rating: 1000HP
Drilling depth: 4100m @ 5"DP

DRAWWORKS

Type: Skytop N-75
Horsepower rating: 1000HP
Driven by: 2 x CAT 3508 diesel engine
Drilling line diameter: 1 1/4"
Auxiliary break: Parmac 342

MAST

Type: Drilling Structures INC
Height: 41,45m
Hook load: 294t @ 10 lines

SUBSTRUCTURE

Type: Drilling Structures INC
Total height: 6m
Clear height: 4,65m
Setback capacity: 158t
Casing capacity: 322t

ROTARY EQUIPMENT

Rotary table type: Skytop RSB-275
Rotary table opening: 27 1/2"
Rotary Table capacity: 498t
Driven by: drawwork's
Swivel type: Upetrom CH-320
Swivel capacity: 300t
Top Drive System: Drillmec HTD-250
TDS capacity: 250t
TDS max. torque: 26 464 ft lbs
TDS max. speed: 180 rpm
TDS Drive: HPU driven by CAT C15 diesel engine
Kelly Spinner type: Weatherford KS1500AB
Iron Roughneck: B&V model 9GF1100

TRAVELING EQUIPMENT

Traveling Block type: Skytop Brewster TB-305
Block capacity: 300t
Q – ty and size of sheaves: 5x40"
Hook type: Joy/Web Wilson-Hydra
Hook capacity: 350t

DRIVE GROUP

Engine type: 2x CAT 3412TTA
Horsepower rating: 2x 800HP
Generator type: 2 x Kato SR-4
Generator rating: 1 x 938 kVA + 1 x 625 kVA
Generator Voltage: 460V/60Hz
Compressors: 2x Atmos SE-520 screw type

MUD SYSTEM

Mud Pumps type: 3 x FJ 1000
Horsepower rating: 3x 1000HP
Power pump: 3 x CAT 3512 diesel engine
Shale Shakers: 3 x MI Swaco Mongoose
Mudcleaner: 1x MI Swaco Mongoose
Degasser: MI Swaco Vaccum type
Centrifuge: MI Swaco 518
Active Mud System: 246m³
High pressure line: 1x 4"/5000psi

BOP EQUIPMENT

BOP Control Unite type: Koomey T150903S
Double ram BOP: Shaffer 5/8"-5K type SL
Annular BOP: Hydril 13 5/8"-5M type GK
Annular BOP:

INSTRUMENTATION

Weight Indicator: Martin Decker type D
Recorder: M/D RGO-77 DK, 7 pens
Drilling Control System: SMART System - Level 1