

Skytop Brewster RR-650

Self – propelled mechanically driven rig

PRINCIPAL PARTICULARS

Type: Portable / Mechanical
Rating: 575HP
Drilling depth: 3000m @ 4-1/2”DP

DRAWWORKS

Type: Skytop H1-4610
Horsepower rating: 575HP
Driven by: 1 x CAT 3408 diesel engine
Drilling line diameter: 1 1/8”
Sand drum: 15 000 ft @ 9/16”
Auxiliary break: Parmac V-80

MAST

Type: Skytop Brewster 110-275XF
Height: 33,5m
Hook load: 124t @ 10 lines

SUBSTRUCTURE

Type: PD-120/100
Total height: 5,18
Clear height: 3,9m
Setback capacity: 100t
Casing capacity: 120t

ROTARY EQUIPMENT

Rotary table type: Skytop RSH-18
Rotary table opening: 18”
Rotary Table capacity: 272t
Driven by: drawwork’s
Swivel type: National P-200
Swivel capacity: 200t
Kelly Spinner type: Weatherford KS 1500AB

TRAVELING EQUIPMENT

Traveling Block type: Skytop Brewster HB-154
Block capacity: 136t
Q – ty and size of sheaves: 4x30”
Hook type: integrated
Hook capacity: 136t

DRIVE GROUP

Engine type: 2xCAT C18
Horsepower rating: 2x 800HP
Generator type: 2 x Kato SR-4
Generator rating: 650 kVA/520 kW
Generator Voltage: 230/400V/50Hz
Compressors: 1 x Atmos SE 520 screw type

MUD SYSTEM

Mud Pumps type: 2 x Gardner Denver PZ-8
Horsepower rating: 2x 750HP
Power pump: 1 x CAT D379 + 1 x CAT D398 diesel engine
Shale Shakers: 2x MI Swaco Mongoose
Mudcleaner: MI Swaco Mongoose
Degasser: MI Swaco DC-1400
Centrifuge: MI Swaco 518
Active Mud System: 136m³
High pressure line: 1x 3 1/2” /5000psi

BOP EQUIPMENT

BOP Control Unite type: Upetrom AB-320
Double ram BOP: Upetrom 13 5/8”-5K type DF
Annular BOP: Shaffer 13 5/8”-5K

INSTRUMENTATION

Weight Indicator: Martin Decker type FS
Recorder: Totco7 pens
Drilling Control System: SMART System - Level 1