

Cardwell KM-200

Self – propelled mechanically driven rig

PRINCIPAL PARTICULARS

Type: Portable/Mechanical
Rating: 402HP
Drilling depth: 1500m @ 5"DP
Workover depth: 3000m

DRAWWORKS

Type: Cardwell K-200C
Horsepower rating: 350HP
Driven by: 1x CAT 3406 diesel engine
Drilling line diameter: 7/8"
Sand drum: 6562 ft @ 5/8"
Auxiliary break: PARMAC 15"D.R

MAST

Type: Cardwell model 180-96
Height: 29,2m
Hook load: 81 Ton @ x 6 lines

SUBSTRUCTURE

Type: Cardwell
Total height: 4m
Clear height: 3,1m
Setback capacity: 59 Ton
Casing capacity: 90 Ton

ROTARY EQUIPMENT

Rotary table type: Gardner-Denver model RTA
Rotary table opening: 17 1/2"
Rotary Table capacity: 272 t
Driven by: drawwork's
Swivel type: King Oil 15MB
Swivel capacity: 150t
Kelly Spinner type: Universe model #01F06Z

TRAVELING EQUIPMENT

Traveling Block type: ZUN NAFTAOMET type WR1000-3x22
Block capacity: 100 t
Q – ty and size of sheaves: 3x33"
Hook type: ZUN Naftomet
Hook capacity: 100t

DRIVE GROUP

Engine type: 1x CAT 3406
Horsepower rating: 402HP
Generator type: 1x SR4
Generator rating: 275kVA
Generator Voltage: 230 V
Compressors: 1x Boge S40-2 screw type
1x Ingersoll Rand type 30 Model 3000 reciprocating type

MUD SYSTEM

Mud Pumps type: 1x Gardner Denver PZ-7
Horsepower rating: 550KM
Power pump: CAT D-379 diesel engine
Shale Shakers: 2x MI Swaco Mongoose PT
Degasser: Brandt Vaccum Type
Active Mud System: 105m³
High pressure line: 1x 3"/5000psi

BOP EQUIPMENT

BOP Control Unite type: CAD Oilfield
Double ram BOP: UPETROM DF 13-5/8"-3K Double ram
BOP: UPETROM DF 9"-5K
Annular BOP: Townsend 9"-3K
Annular BOP: Townsend 7 1/16"-5K

INSTRUMENTATION

Weight Indicator: Martin Decker type FS
Recorder: Martin Decker
Drilling Control System: Martin Decker