

**TECHNICAL
RIG SHEET**

**Bentec
Cantilever Rig
2000HP**

PRINCIPAL PARTICULARS

Type: **Walking rig**

Rating: **2000HP**

Drilling depth: **6700m @ 5" DP**

DRAWWORKS

Type: **Bentec E-450-AC-SG**

Horsepower rating: **2000HP**

Driven by: **2 x Bentec BAFD 400L 623Ex**

Drilling line diameter: **1 1/2"**

MAST

Type: **Bentec MCL-1160-152-30**

Height: **49,7**

Hook load: **526mt @ 14 lines**

SUBSTRUCTURE

Type: **Bentec SSU-1160-770-32**

Total height: **9,75 m**

Clear height: **7,65 m**

Setback capacity: **350 mt**

Total capacity: **876 mt**

ROTARY EQUIPMENT

Rotary table type: **Bentec RDE-375-90-1-38-30**

Rotary table opening: **37 1/2"**

Rotary table capacity: **590 mt**

Driven by: **Bentec Cd225-4F**

Top Drive System: **Bentec TD 500XT**

TDS capacity: **454 mt**

TDS max. torque: **52 000 ft lbs TDS**

TDS max. speed: **230 obr/min TDS**

Drive: **AC 850kW**

Iron Roughneck: **Bentec IR-100-5-P**

TRAVELING EQUIPMENT

Traveling block type: **Bentec TB-650-7-60**

Block capacity: **590mt**

Q – ty and size of sheaves: **7 x 60"**

DRIVE GROUP

Engine type: **5 x CAT 3512 B**

Generator type: **5 x Leroy somer LSA 52.3 L9-4P**

Generator rating: **4 x 1500 kVA**

Generator voltage: **600V / 50H**

SCR/VFD unit: **VFD - Bentec**

Compressors: **2 x Atlas Copco GA 22P**

Grid supply connection possible

MUD SYSTEM

Mud pumps type: **3xBentec T-1600-AC**

Horsepower rating: **1600HP each**

Power pump: **BaFD400.L623 Ex – 1600 HP**

Shale shakers: **3 x MI Swaco Mongoose**

Mudcleaner: **1 x MI Swaco Mongoose 3-12/10-T4**

Degasser: **Bentec DMD-250-H**

Mud system capacity: **579m³**

High pressure line: **1 x ID-5"/7500psi**

BOP EQUIPMENT

BOP control unit type: **Bentec CU-3000-16-13**

Single ram BOP: **Cameron 13 5/8"-10K Type U Double**

Ram BOP: **Cameron 13 5/8"-10K Type U**

Annular BOP: **Cameron 13 5/8"-5K Type DL**

INSTRUMENTATION

Weight indicator: **Wagner - Type EB/E551**

Recorder: **discrete-electronic**

Drilling control system: **Bentec Infodrill**



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