



## MR-8000 MOBILE DRILLING, COMPLETION & WORKOVER RIG

### GENERAL INFORMATION

Rating.....	1.080 HP
Drilling Depth.....	4.000 m w/ 4 1/2" DP
Year of Construction.....	2012

### MAST

Type.....	Two-section Telescopic Mast
Height.....	132 ft (40,2 m)
Hook Load.....	440.000 lbs w/ 10 lines
Racking Capacity.....	9.360 ft w/ 5" DP (Range-2, Double)

### SUBSTRUCTURE

Type.....	Telescoping type Drillmec
Height.....	17 ft (5,2 m)
Simultaneous Capacity.....	200 tone on rotary 113 tone on set back

### DRAWWORKS

Type.....	Drillmec Model MR-8000
Power Rating.....	1.080 HP
Max. Line Pull.....	53.000 lb
Drilling Line Diameter.....	1 1/8"
Auxiliary Brake.....	Parmac V80

### DRIVE GROUP

Engine Type.....	CAT C-15
HP Rating.....	2 x 540 HP
Generator Type.....	CAT C-15
Generator Rating.....	2 x 400 kWA
Voltage.....	400 V, 50 Hz

### TOP DRIVE

Type.....	Hydraulic Top Drive (HTD250 HT)
Capacity.....	250 Tone
Max. Speed.....	189 rpm
Max. Torque.....	34.000 Nm

### ROTARY TABLE

Type.....	Drillmec
Table Opening.....	27 1/2"
Max. RPM.....	200

### DP SPINNER

Type.....	Forum B+V
Range.....	2 7/8" thru 7"

### BORDRILL Drilling Contractor & Trade Co.

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### MUD SYSTEM

Pump Type.....	Drillmec 9T1000 (2ea)
HP Rating.....	1.000 HP at 150spm
Pump Engine Type.....	2 x CAT 3512 (1.250 HP@1.200rpm)
Shale Shaker.....	MI-Swaco Mongoose PT (2ea)
Mud Cleaner.....	MI-Swaco Mongoose PT MI-Swaco D-Sander / D-Silter
D-Gasser.....	Swaco Vaccum D-Gasser Horizontal
Poor Boy Degasser.....	Swaco - Mud/Gas Separator
Standpipe Pressure.....	5.000 psi
Total Tank Capacity.....	1.334 bbl
Trip Tank.....	40 bbl
Cooling Tower.....	Drillmec (For Geothermal Wells)

### WELL CONTROL EQUIPMENT & CONTROL SYSTEM

Annular BOP.....	21 1/4" x 2.000 psi 13 5/8" x 5.000 psi
Double Ram BOP.....	13 5/8" x 5.000 psi
Single Ram BOP.....	13 5/8" x 5.000 psi
Drilling Spool.....	21 1/4" x 2.000 psi 13 5/8" x 5.000 psi
Closing Unit.....	250 gal Tank Size 16 Bottles Remote Control Panel (1ea)

### CHOKE MANIFOLD

Size and Working Pr.....	3 1/8" x 5.000psi
Number of Valves.....	10
Choke Type.....	Hydraulic (1 ea) - Manual (1ea) Remote Drilling Choke Console w/ 2 dijital stroke counter
Co-Flex Hose.....	3 1/8" x 5.000 psi (1ea)

### OTHER

Travelling Block.....	Crosby RJ (500.000lbs)
Swivel.....	King Oil Tools-6SX
Air System.....	Ingersoll Rand 7100 (Diesel) Ingersoll Rand T30 mod 2475 (mounted on diesel eng.) Ingersoll Rand UP5 37PE10 (Electric Rotary Screw Air Compressor)
Data Acquisition System..	Drillmec
Compact Unit.....	MI-Swaco

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