

MR-8000 MOBILE DRILLING RIG

GENERAL INFORMATION

| | |
|--------------------------------|----------------------|
| Rating..... | 1.080 HP |
| Drilling Depth..... | 4.000 m w/ 4 1/2" DP |
| Year of Construction..... | 2007 |
| Recertified & Refurbished..... | 2017 |

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

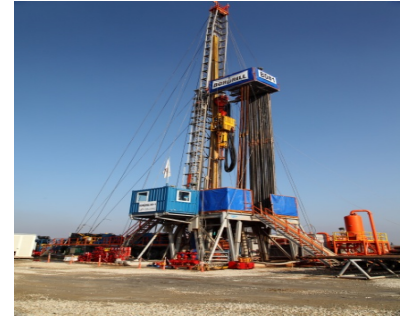
| | |
|------------------|---------------------------------|
| Type..... | Hydraulic Top Drive (HTD250 HT) |
| Capacity..... | 250 Tone |
| Max. Speed..... | 189 rpm |
| Max. Torque..... | 34.000 Nm |

ROTARY TABLE

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

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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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