



RIG 07: DRILLMEC MR-8000 TRUCK MOUNTED MECHANICAL LAND DRILLING RIG - 1000 HP

MANUFACTURER :	DRILLMEC - ITALY
YEAR OF CONSTRUCTION :	2012
DATE OF FIRST USE:	MAY 2013
NOMINAL VERTICAL DEPTH RATING:	2850 M WITH 5"OD DP
RIG DESCRIPTION :	Truck mounted mechanical land Rig 1000 HP Composed of 56 loads between 10 and 34 ton.
SUITABLE MEANS FOR RELOCATING THE RIG:	(02) 70 T Cranes (46) 25 T Trucks (06) 35 T Trucks (02) Low-bed trucks 70 Ton (01) Low-bed truck 120 Ton (01) Truck 25 Ton with extendable trailer
AREA REQUIRED TO INSTALL THE RIG:	80 m x 80 m
AVERAGE FUEL CONSUMPTION PER DAY:	2 m ³

TECHNICAL SPECIFICATIONS

MAKE	DRILLMEC MR-8000
TYPE	TRUCK MOUNTED MECHANICAL DRILLING LAND RIG
RATED DRILLING DEPTH	2,850 M WITH 5' DRILL PIPE
DRAWWORKS	DRILLMEC, SINGLE DRUM LINE GROOVE 1-1/8", DRIVEN BY 2x540 HP DIESEL ENGINE CATERPILLAR C15-ACERT AUXILIARY HYDROMATIC BRAKE, PARAMAC (V80)
AC GENERATORS	2 CAT C15-500 KVA – 50HZ
MAST	EFFECTIVE HEIGHT 101 FT. STATIC HOOK LOAD 440,000 LBS W/10 LINES RACKING BOARD: 9360 FT. OF 5' DP
SUBSTRUCTURE	CLEAR HEIGHT BELOW ROTARY BEAMS: 5M (16 11/16 FT.) MAX. SET BACK CAPACITY: 250,000 LBS CASING CAPACITY: 440,000 LBS SIMULTANEOUS CAPACITY: 690,000 LBS
CROWN BLOCK	MAX. LOAD CAPACITY 440,000 LBS, (5x36" + 1x20") SHEAVES
TRAVELLING BLOCK	MAX. LOAD CAPACITY 500,000 LBS SHEAVES 5x36", LINE = 1-1/8"
MUD PUMPS	(02) EACH DRILLMEC 9T-1000, TRIPLEX, DRIVEN BY (02) CAT 3512, MAX. WP 5,000 PSI, MAX. DELIVERY 674 GPM WITH 7" PISTONS STAND PIPE 5 000 PSI WP
ROTARY TABLE	27 ½ OPENING, CHAIN DRIVE MAX. LOAD CAPACITY 770,000 LBS (320 METRIC TON), MAX. SPEED IS 230 RPM
WELL CONTROL EQUIPMENT	11" 5,000 PSI HYDRIL TYPE GK 11" 5,000 PSI SHAFFER TYPE LWS DOUBLE RAM, H2S TRIM 11" 5,000 PSI TOWNSEND TYPE 82 SINGLE RAM, H2S TRIM 3 1/8" 5,000 PSI CHOKE MANIFOLD. BOP CLOSING CONTROL UNIT, FKQ640-6 - 16 x 10 GALLON
MUD PIT CAPACITY	1720 BBLS
SOLID CONTROL	TWO FLO LINE 1500 SHALE SHAKER MI SWACO-1000 GPM DESSANDER: MI



INSTRUMENTATION
DRILL STRING

SWACO CYCLONES 2X10"-CAPACITY: 500 GPM
MUD CLEANER: MI SWACO - SMC-16 - 4 X16"-1000 GPM
DRILLMEC DATA ACQUISITION SYSTEM
DC: 4"3/4- 3"1/2, HWDP :3"1/2, DP: 5" - 3"1/2 - 2"3/8 GRADE G