

## DRILLMEC 1500 HP AC LAND RIG



### GENERAL INFORMATION

|                           |                  |
|---------------------------|------------------|
| Rating.....               | 1.500 HP         |
| Drilling Depth.....       | 5.000 m w/ 5" DP |
| Year of Construction..... | Pending          |

### MAST

|                       |                                     |
|-----------------------|-------------------------------------|
| Type.....             | Drillmec DM 760                     |
| Height.....           | 142 ft (43,3 m)                     |
| Hook Load.....        | 760.000 lbs w/ 12 lines             |
| Racking Capacity..... | 16.400 ft w/ 5" DP (Range-2, Stand) |

### SUBSTRUCTURE

|                            |  |
|----------------------------|--|
| Type.....                  | Two Sections Drillmec DM 760               |
| Height.....                | 26 ft (7,9 m)                              |
| Simultaneous Capacity..... | 345 tone on rotary<br>204 tone on set back |

### DRAWWORKS

|                             |                          |
|-----------------------------|--------------------------|
| Type.....                   | Drillmec MAS 6000 AC     |
| Power Rating.....           | 1.500 HP                 |
| Max. Line Pull.....         | 100.000 lb               |
| Drilling Line Diameter..... | 1 3/8"                   |
| Auxiliary Brake.....        | Baylor 7040 Eddy Current |

### DRIVE GROUP

|                       |              |
|-----------------------|--------------|
| Engine Type.....      | GE B22 AC    |
| HP Rating.....        | 2 x 1150 HP  |
| Generator Type.....   | CAT 3512B    |
| Generator Rating..... | 5 x 1485 kVa |
| Voltage.....          | 600 V, 50 Hz |

### TOP DRIVE

|                  |                    |
|------------------|--------------------|
| Type.....        | TESCO 500 ESI 1350 |
| Capacity.....    | 500 Tone           |
| Max. Speed.....  | 218 rpm            |
| Max. Torque..... | 72.000 ft-lb       |

### ROTARY TABLE

|                    |          |
|--------------------|----------|
| Type.....          | Drillmec |
| Table Opening..... | 37 1/2"  |
| Max. RPM.....      | 270      |

### MUD SYSTEM

|                          |  |
|--------------------------|--|
| Pump Type.....           | Drillmec 12T1600 (3ea)                               |
| HP Rating.....           | 1.600 HP at 120spm                                   |
| Pump Engine Type.....    | 2 x GE B22 AC (1.150 HP@1.800rpm)                    |
| Shale Shaker.....        | MI-Swaco Mongoose PT (3ea)                           |
| Mud Cleaner.....         | MI-Swaco Mongoose PT<br>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..... | 2.260 bbl  |
| Trip Tank.....           | 83 bbl   |

### WELL CONTROL EQUIPMENT & CONTROL SYSTEM

|                     |   |
|---------------------|---|
| Annular BOP.....    | 21 1/4"; 13 5/8"  |
| Double Ram BOP..... | 13 5/8"   |
| Single Ram BOP..... | 13 5/8"   |
| Drilling Spool..... | 21 1/4"; 13 5/8"  |
| Pressure.....       | 2.000, 3.000, 5.000, 10.000 psi available                     |
| Sizes.....          | Ask for other sizes   |
| Closing Unit.....   | 250 gal Tank Size<br>16 Bottles<br>Remote Control Panel (1ea) |

### CHOKE MANIFOLD

|                          |   |
|--------------------------|---|
| Size and Working Pr..... | 4 1/16" x 15.000psi   |
| Number of Valves.....    | 10  |
| Choke Type.....          | Hydraulic (1 ea) - Manual (1ea)<br>Remote Drilling Choke Console<br>w/ 2 dijital stroke counter |
| Co-Flex Hose.....        | 4 1/16" x 15.000 psi (1ea)  |

### OTHER

|                              |  |
|------------------------------|--|
| Travelling Block.....        | ABCO (1.000.000lbs)  |
| Swivel.....                  | ABCO A-400   |
| Air System.....              | Ingersoll Rand 7100 (Diesel)<br>Ingersoll Rand UP5 37PE 10 (Electric Rotary<br>Screw Air Compressor) (2ea) |
| Data Acquisition System..... | Drillmec   |
| Power Compact Tong.....      | Drillmec PCT-130   |
| Compact Unit.....            | Swaco  |

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