

## T-657

# 3000 HP ELECTRICAL AC DRILLING RIG

### TECHNICAL OVERVIEW

|                       |               |
|-----------------------|---------------|
| <b>Rating</b>         | 3000 HP       |
| <b>Hook load</b>      | 2,000,000 lbs |
| <b>Drilling depth</b> | 26,500 ft     |
| Refurbished in 2019   |               |

### MAST

|                                  |                                   |
|----------------------------------|-----------------------------------|
| <b>Maker &amp; Model</b>         | DRILLMEC                          |
| <b>Suitable for:</b>             | Triple stands range 2 drill pipes |
| <b>Static hook load capacity</b> | 2,000,000 lb with 16 lines        |
| <b>Clear height</b>              | 160 ft                            |

### SUBSTRUCTURE

|                          |              |
|--------------------------|--------------|
| <b>Maker &amp; Model</b> | DRILLMEC     |
| <b>Rotary Capacity</b>   | 2,000,000 lb |
| <b>Setback Capacity</b>  | 1,000,000 lb |
| <b>Clearance</b>         | 36 ft        |

### DRAWWORKS

|                          |                        |
|--------------------------|------------------------|
| <b>Maker &amp; Model</b> | WIRTH GH 3000 EG-AC-SV |
| <b>Rated input power</b> | 3,000 HP               |
| <b>Drum brake type</b>   | Disc                   |
| <b>Auxiliary Brake</b>   | BAYLOR ELMAGCO 7838W   |

### TOP DRIVE

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Maker &amp; Model</b>             | CANRIG 1275AC-681       |
| <b>Rated load capacity</b>           | 750 tn                  |
| <b>Max. continuous output torque</b> | 51,400 lbs-ft @ 120 rpm |

### ROTARY TABLE

|                          |                 |
|--------------------------|-----------------|
| <b>Maker &amp; Model</b> | WIRTH RTSS 37 ½ |
| <b>Capacity</b>          | 700 tn          |
| <b>Maximum opening</b>   | 37 ½"           |

### IRON ROUGHNECK

|                          |              |
|--------------------------|--------------|
| <b>Maker &amp; Model</b> | CANRIG TM120 |
|--------------------------|--------------|

### MUD PUMPS

|                          |                |
|--------------------------|----------------|
| <b>Quantity:</b>         | 3              |
| <b>Maker &amp; Model</b> | WIRTH TPK 2200 |
| <b>Rated input power</b> | 2,200 HP       |
| <b>Working Pressure</b>  | 7,500 psi      |

### LOW PRESSURE MUD SYSTEM

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Number of mud tanks</b>        | 8                 |
| <b>Mud tanks total capacity</b>   | Approx. 2,891 bbl |
| <b>Water tanks total capacity</b> | Approx. 800 bbl   |



### SHALE SHAKERS

|                          |                           |
|--------------------------|---------------------------|
| <b>Quantity:</b>         | 4                         |
| <b>Maker &amp; Model</b> | VARCO LCM-3D/CM2          |
| <b>Mud cleaner</b>       | MI-SWACO MONGOOSE 212-8T4 |

### LOW PRESSURE BOP

|                          |                            |
|--------------------------|----------------------------|
| <b>Annular Preventer</b> | One (1) 18.3/4" - 5K       |
| <b>Ram Preventer</b>     | Two (DBL+SGL) 18.3/4" - 5K |

### HIGH PRESSURE BOP

|                          |                             |
|--------------------------|-----------------------------|
| <b>Annular Preventer</b> | One (1) 13.5/8" - 5K        |
| <b>Ram Preventer</b>     | Two (DBL+SGL) 13.5/8" - 10K |

### CHOKE MANIFOLD GENERAL

|                            |             |
|----------------------------|-------------|
| <b>Choke manifold</b>      | BALLERINI   |
| <b>Size &amp; pressure</b> | 3.1/16" 10K |

### ELECTRIC GENERATION SYSTEM

|                          |                  |
|--------------------------|------------------|
| <b>Engine type</b>       | CATERPILLAR 3512 |
| <b>Horsepower Rating</b> | 5 x 1,476 HP     |
| <b>Control Unit</b>      | BENITEC (VFD)    |

### CAMP

|                  |                     |
|------------------|---------------------|
| <b>Mini Camp</b> | Requested by Client |
| <b>Main Camp</b> | Requested by Client |

### ADDITIONAL EQUIPMENT

Power Catwalk PC 4000 - CANRIG