

# RIG SPECIFICATION SHEET

## Arabdrill 70 (AD70)



|                          |                                   |
|--------------------------|-----------------------------------|
| Rig HP Rating            | 3000 hp                           |
| Design                   | KFELS Mod-V Class B               |
| Rig Builder /Year        | KFELS Yard, Singapore/ 2015       |
| Classification           | ABS Class <del>MA</del> A1        |
| Load Rating              | 1,500,000 lbs                     |
| Rated Drilling Depth     | 30,000 ft                         |
| Water Depth              | Min 25 ft & max 400 ft            |
| Overall Dimensions       | 234 ft X 208 ft X 25 ft           |
| Transit/jacking/Elevated | 4500 Kips, 17,168 Kips, 7500 Kips |
| Cantilever Envelope      | 70 ft long. x 15 ft trans.        |
| POB                      | 130                               |

### DERRICK

|                    |                                  |
|--------------------|----------------------------------|
| Make               | Lee C Moore (Woolslayer Company) |
| Height             | 160 ft                           |
| Static Hook Load   | 1,500,000 lbs                    |
| Drilling Line Size | 1-5/8"                           |

### TOP DRIVE

|                   |                        |
|-------------------|------------------------|
| Make / Model      | NOV / TDS-8SA          |
| Load Rating       | 750 t, 1150 hp GEB20B2 |
| Max. Drill Torque | 62,250 ft-lb           |
| Breakout Torque   | 95,000 ft-lb           |

### MUD PUMPS

|                       |              |
|-----------------------|--------------|
| Make/Model            | LEWCO/W-2215 |
| Number of pumps       | 3            |
| Max. Input Horsepower | 2200 hp      |
| Standpipe Pressure    | 7,500 psi    |

### POWER GENERATION

|                   |                     |
|-------------------|---------------------|
| Make/ Model       | CAT 3516 CHD - 5 ea |
| Horsepower Rating | 2150 hp             |
| Kilowatt Rating   | 1720 kW             |

### DRAW WORKS

|                   |                |
|-------------------|----------------|
| Make              | NOV            |
| Model             | ADS-10T        |
| Input Power       | GEB22A2 - 3 ea |
| Horsepower Rating | 3000 hp        |

### ROTARY / SLIP TABLE

|                    |             |
|--------------------|-------------|
| Make / Model       | NOV RST 495 |
| Table Opening Size | 49 1/2"     |

### MUD SYSTEM

|                        |            |
|------------------------|------------|
| Active (usable) Volume | 4,718 bbls |
| Number of Tanks        | 7          |
| Solid Control System   |            |

### DECK CRANES

|                 |  |
|-----------------|--|
| Make & Capacity | 3 ea. Favelle Favco, Diesel/Hydraulic, CAT C-15 Engine |
|-----------------|--|

### TRAVELLING ASSEMBLY

|                  |                                  |
|------------------|----------------------------------|
| Crown Block      | Lee C Moore (Woolslayer Company) |
| Load Rating      | 860 t                            |
| Travelling Block | NOV/DRECO Model 760TB-750-8C     |
| Load Rating      | 750 t                            |

### WELL CONTROL

|                             |                                      |
|-----------------------------|--------------------------------------|
| Annular Preventer           | Cameron DL                           |
| Pressure Rating             | 10,000 PSI                           |
| Big Bore Diverter           | KFDJ 500, 49.5"                      |
| Diversers                   | NOV Shaffer SBOP : 21.1/4-2M & 30-1M |
| Ram Preventer               | Cameron TL 18-15M DBL - 2 ea         |
| Choke                       | MTQ                                  |
| Manifold Pressure Rating    | 10,000 psi                           |
| Size                        | 4-1/16"                              |
| Accumulator Pressure Rating | Cameron 3000 psi                     |
| MGS                         | 48"                                  |

### ADDITIONAL EQUIPMENT

|                     |  |
|---------------------|--|
| BOP Handling        | 2 x 82.5 Tons each Ingersoll Rand BOP handling hoists                          |
| Emergency Generator | 1 ea Caterpillar 3508DITA Engine, Stamford PM736 Generator, Output 692kW, 480V |
| Iron Roughneck      | NOV AR 3200M (main), NOV ST-120 (offline)                                      |
| OA Crane            | 16 K Fourm, 16,000 lb SWL  |



\* Applies to Mast / Derrick and Substructure.