

## **RIG 5 – FREE STANDING CLASS II MOBILE SINGLE** *with Class III capabilities*

### **RIG**

- KSM 350 Double Drum hoist Tandem Steer – Tri Drive Carrier
- Powered by a C-11 Caterpillar
- Allison CLBT 5860 transmission
- KSM 72' (21.9 m) Free Stand mast with rated hook loads – 49,000 daN - 4 lines; 62,000 daN - 6 lines
- Main drum - 7" x 34"
- 40" Kobelt Disc Brake
- Drill line – 7/8" with four to six line string up
- Blocks – McKissick 83A 75 Ton
- Sandline drum - 7" x 34"
- Sandline – 1/2" x 3000 m Pro Swaged
- Rod Board – accommodates rods from 5/8" – 1"
- Two Braden winches
- Safety Devices on Rig
- Sala retractalock climbing device mounted at crown
- Sala secondary fall arrest mounted on a fold out arm on crown to hook to derrick man while in pipe tripping operations

### **MOBILE PUMP TRUCK**

- 2020 Western Star 4900 \*new
- Tandem Steer - Tri Drive
- Detroit DD16 600 HP Tier four
- Allison 4700 OFS Transmission
- Pump – Serva 600hp 114.3 mm x 203 mm rated for 35.0 mPa \*new
- Manifold - Oteco seven valve 35 mPa \*certified
- Digital Pump rate and pressure monitor c/w manual gauge on manifold

### **MUD TANK**

- 33.0 m3 tank \*new
- 122 m of 50.8 mm line pipe rated at 35.0 mPa c/w Weco 602 unions \*certified
- Full set of 50.8 mm pup joints \*certified
- 12 – 50.8 mm swivel joints \*certified
- 5 – 50.8 mm x 35.0 mPa Kelly hoses \*certified
- 2 – 101.6 mm x 6.70 m suction hoses
- Degasser
- Debris trough
- 50.8 mm steam coil
- Mud guns
- Tank c/w man-lift for emergency egress.

### **DOGHOUSE**

- Mobile Tri Axle – 3.1 m x 11.6 m
- Change room equipped with 10 lockers, for 24 hour operation
- Light Plant / Accumulator room
- Isuzu 70 kVA Light Plant
- Light Tower mounted on front of Doghouse c/w LED lights
- Class III Gateway 66 gallon system
- 3 – 58 liter N2 back-up bottles

### **EQUIPMENT TRUCK**

- 2020 Western Star 4700 \*new
- Single Steer - Tri Drive
- Detroit DD 13 505 HP Tier four
- Eaton Ultra Shift 18 speed automatic transmission
- Deck mounted toolboxes and BOP stub
- BOP test stub 35.0 mPa
- 1400 liter glycol tank
- Circulation pump of glycol to Eaton brake, cooled by large radiator c/w automatic fan
- Deck carries tongs, slips, rods, rod table, swab tree, elevators, bails, fittings, tools and planks

### **BLOW OUT PREVENTORS**

- 7 1/16" x 35.0 mPa Spherical BOP
- 7 1/16" x 35.0 mPa Double Gate BOP
- 7 1/16" x 35.0 mPa flanged Work Spool
- 2 1/16" x 35.0 mPa flanged Gate Valve

### **MATTING**

- Two 8' x 50' rig mats
- One 8' x 40' rig mat
- Two 8' x 20' pipe stabbing mats

### **BOILER**

- Fully automatic 60 HP or 80 HP Williams & Davis boiler with self-contained built in blow down tank. Complete with 2" steam line and 1" return line, steam hoses, steam heaters and storage for fuel and water.
- 60 HP Boiler - 500 liter storage capacity on blow down tank, 6500 liters storage for fuel, and 9700 liters storage for water.
- 80 HP Boiler - 910 liter storage capacity on blow down tank, 14000 liters storage for fuel, and 13400 liters storage for water.

### **STANDARD EQUIPMENT**

- Foster 58-93R power tongs
- Cavins model TC 101HD air slips
- Two 73.0 mm TIW valves
- One 89.0 mm TIW valve
- Rod hook, wrenches and elevators: 5/8" to 1"
- Handling equipment for 60.3 mm & 73.0 mm & 89.0 mm Eue tubing
- Swabbing equipment for 60.3 mm & 73.0 mm & 89.0 mm tubing

### **CATWALK AND PIPE RACKS**

- 8' x 45' Catwalk c/w V-Door and stairs to 24' working floor height
- 4 – Pipe Racks of square tubing construction

### **SAFETY EQUIPMENT**

Regulatory equipment to meet all OH&S, AER, CAODC and Customer regulations, standards and policies, including Self-contained breathing apparatus, Fire extinguishers, Gas detector, Electrical ground bounding lines, LEL gas monitor, Crown saver, BOP Ram saver, First aid and all other required safety equipment