

### **RIG 3 - CLASS III SKIDDED\* DOUBLE**

***\*Option to operate with Rig 1 or Rig 5 Mobile equipment and a Freestand package as follows – KSM 108' (32.9m) mast with rated hook load of 88,964 daN without ballast weight. To accommodate heavier weights, 4 Crowlines may be installed to achieve a rated hook load of 106,800 daN.***

#### **RIG**

- KSM-550 double drum hoist on a Tri Steer – Tri Drive Carrier
- Powered by a 12.7-liter 60 series Detroit Diesel
- Allison CLBT 5860 transmission
- KSM 108' (32.9 m) mast with rated hook load of 106 800 daN with 8 lines (Blocks may be strung with 6 or 4 lines for lighter work)
- Main drum - 10" x 42"
- Eaton dual piston 224 water-cooled brake
- Drill line – 1" (6 x 31) x 765 m with an 8-line string up part of 103 500 daN
- Blocks – McKissick 74A 150 Ton spring loaded 4 sheave for 8-line string up
- Sandline drum - 10" x 42"
- Sandline – ½" x 4250 m (5 x 7) Pro Swaged
- Racking capacity - 4,250 m X 88.9 mm double tubing
- Hydraulic Catworks – (1) 60" makeup and (1) 60" breakout hydraulic catwork cylinders c/w torque gauge
- Static lines – Two ¾" static lines from crown to make and brake lines, for power swivel work
- Two Braden 8000 lb. 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
- Monkey board rear access escape system
- No rod board or rod equipment on this rig

**PUMP** in a fully enclosed building c/w steam heat

- SJ - 800 127 mm x 203.2 mm rated for 41.0 mPa.
- Allison 5860 automatic transmission
- 12.7-liter 60 series Detroit Diesel
- Manifold - Demco seven valve 35.0 mPa \*certified
- Flo-Pro meter records pumping rate and total amount of fluid pumped.

#### **MUD TANK**

- 48.0 m3 two compartment tank
- 122 m of 50.8 mm line pipe c/w Weco 602 unions \*certified
- 5 – 50.8 mm x 35.0 mPa Kelly hoses \*certified
- Full set of 50.8 mm pup joints \*certified
- 12 – 50.8 mm certified swivel joints \*certified
- Degasser
- Debris trough
- 50.8 mm steam coil
- Mud guns
- Mixer hopper
- Tank c/w man-lift for emergency egress.

### **COMBINATION BUILDING**

- Large crew change room (24-hr operation)
- Accumulator/Tool Room – Class III Control Technology Inc. 4 Station 90-gallon system c/w 4 -58-liter nitrogen cylinders. System is designed to run four BOP functions (blind, pipe, annular, shear rams). There is 170 liters of usable fluid in system. System will allow us to operate an 11" x 35.0 mPa Class III stack.
- Light Plant Room – Equipped with two light plants
- One John Deer 40 Kw (summer operations or winter back-up)
- One John Deer 70 Kw (winter operations)
- Light Tower mounted on one end of building

### **JUNK SKID**

- Complete with BOP test stump. Two fitting boxes. Glycol storage tank of 1700 liters c/w large electric fan mounted on a radiator for cooling of Eaton Brake. Large fitting/tool room. 9500-liter fuel storage tank comes with fuel pump and 200' fill hose.

### **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
- Two 8' x 16' pipe stabbing mats
- One 8' x 16' beam mat

### **BOILER**

- Fully automatic 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.
- 910-liter storage capacity on blow down tank, 14000 liters storage for fuel, and 13400 liters storage for water.

### **STANDARD EQUIPMENT**

- Foster 54-93R power tongs capable of 15000 ft/lbs torque
- Cavins model TC 101HD air slips
- Two 73.0 mm TIW valves
- One 89.0 mm TIW valve
- 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 to 24' working floor height
- 4 – Pipe Racks of square tubing construction

### **DUAL STATIC LINE PACKAGE**

- Two 3/4" static lines from the crown to pull rams on the back of the rig
- System complete with all slings and snatch blocks

### **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