



**STONEHAM**  
DRILLING INC.

## **RIG 9 – 3500m TELESCOPIC DOUBLE**

**Rated Capacity: 3500 meters with 114mm (4 ½”) Drill Pipe (Sour Service)**

**CONSTRUCTION COMPLETED:** September 2005

### **DRAWWORKS**

TSM 875 (750Hp) c/w 3 X 24" Eaton Brake and Crown Alert Crown Saver  
Powered By: Caterpillar C-16 (3456) (600Hp)  
Allison S6610H (6 speed) Transmission  
Rotary Table: 17 1/2" Max RPM 210  
Hydraulic Catline and Boom Line Winches  
Hydraulic Ram Make up and Break Out

### **SUBSTRUCTURE**

Mastco: One Piece Unitized  
Maximum Setback Capacity: 133,440daN (300,000#)  
Clear Height: 4.21m  
c/w Hydraulic Leveling Rams

### **DERRICK**

Mastco Telescopic Double  
Maximum Hook Load: 166,800daN (375,000#) 8 lines  
Racking Capacity: 3500m 114mm Drill Pipe  
Manufactured to accommodate Top Drive

### **OVERHEAD EQUIPMENT**

Crown: 4 X 36" cluster, 1 X 36" fastline X 1 1/8" Drill Line  
Traveling Block/Hook: McKissick Block w/ 6250 BJ Unimatic Hook  
Rated 200 Ton 177,920dan  
Swivel: 200 Ton 177,920dan

### **MUD PUMPS**

(x2) Gardner Denver PZ-9 Triplex  
Maximum Rating 1000Hp (120spm max)  
Powered By: 3508 Caterpillar 935 @ 1200RPM)  
c/w 127, 140, 152mm Liners

### **MUD TANK #1**

Gross Volume 84m3 (Active 73.3m3)  
(x2) Shakers: Derrick FLC 2000  
(x2) Agitators 7.5Hp  
(x2) Mission Mag Centrifugal Pumps 5" X 6"  
Mission Mag Centrifugal Pump 5" X 6" Precharge Pump  
Mixer c/w "Chemical Shearer"



## **MUD TANK #2**

Gross Volume 50m<sup>3</sup>  
(x2) Agitators 7.5Hp  
Conventional Mix Hopper  
5" x 6" Centrifugal Pump

## **BLOWOUT PREVENTION EQUIPMENT (NACE)**

### **ACCUMULATOR**

Koomey Style: 5 function, 2 station 454 Liter (120 Gallon) BOP Control System Operating Press 21,000kPa  
BX-10 Triplex Pumps c/w 20Hp  
(x2) 225 Liter (60 US Gallon) Manifolds each with 6 37.09 Liter (10 US Gallon) precharge bottles  
Nitrogen Backup: (x2) 58 Liter 15 MPA Nitrogen Cylinders (plus one spare)  
Reservoir Tank: 1000 Liter (200 US Gallon)  
(x5) 1" 3000 BOP Control Valves with Hydraulic Actuators and Manual Override

### **B.O.P.'s (NACE)**

279mm x 34,000kPa GK Hydril Annular  
(x3) 279mm x 34,000kPa Hydril Type V Single Gates

### **MANIFOLD (NACE)**

76mm "Double Gut" 34,000kPa (5000#)  
All Valves 81mm (3 1/8") Tartan Gate Valve  
(x2) 81mm (3 1/8") API A2 Chokes (Willis Style)

### **GEN SETS**

Caterpillar 3456 with Marathon 440kW (480 volt)  
Caterpillar 3456 with Marathon 440kW (480 volt)

### **MISCELLANEOUS**

(x5) Hydraulic Pipe Tubs  
Capacity 68jts 114mm Range II Drill Pipe  
Kelly Spinner  
Pipe Spinner  
Hydraulically Operated Catwalk (c/w Remote Control)  
Flare Tank Skid (c/w Remote Igniter)

### **TUBULARS**

(2jts) 203mm x 6 5/8 Reg Drill Collars  
(22jts) 165mm x 4 1/2 X/H Drill Collars  
(330jts) 114mm x 4 1/2 XH TSS-95 Drill Pipe  
(x1) 4 1/4 Square Kelly  
(6jts) 114mm HWDP



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RIG 9 – TUBULAR INVENTORY**

- 1) 3200m (330jts) Range II 4 ½” TSS-95 Drill Pipe c/w internal coating and hardbanding
- 2) (x22) Lengths Range II Drill Collars 6 ½” O.D. 2 ¼” I.D.  
Slick w/ slip Recess 4 ½” XH Connection Bore Back  
Stress Relieved, 10” Pin hardfacing and 4” box hardfacing
- 3) (x2) Lengths Range II Drill Collars 8” O.D. Slick w/ slip Recess  
6 5/8” Reg Connection Bore Back and Stress Relieved  
10” Pin Hardfacing and 4” Box Hardfacing
- 4) (x1) 40ft Square Kelly 37’ drive area, 6 5/8” Reg L.H.  
4 ½” XH (right hand)
- 5) (x11) Pick up Subs 4 ½” XH cut for 4 ½” and 4” – 18 deg Elevators
- 6) (x2) Pick up Subs 6 5/8” Reg cut for 4 ½” and 4” – 18 deg Elevators
- 7) (x1) Bit Sub OAL 36”, 8” O.D. 6 5/8” Reg Box X 6 5/8” Reg Box 6R Float Cut  
(need 1 – 6R float and also 1 6R Totco Ring)
- 8) (x2) Bit Subs OAL 36”, 6 ½” O.D. 4 ½” Reg Box X 4 ½” XH Box 4R Float Cut  
(need 2 – 4R floats and also 2 – 4R Totco Rings)
- 9) (x1) X/O Bell Sub 36” OAL, 6 5/8” Reg Pin X 4 ½” XH Box
- 10) (x3) Lower Kelly Cocks (one designated stabbing valve) 4 ½” XH
- 11) (x1) Upper Kelly Cocks 6 5/8” Reg L.H.
- 12) (x2) Saver Subs 4 ½” XH Pin X 4 ½” XH Box
- 13) (x2) 4 ½” XH Pick up Nubbins (Pin)
- 14) (x2) 4 ½” XH Pick up Nubbin (Box)
- 15) (x1) 6 5/8” Reg Pick up Nubbin (Pin)
- 16) (x2) Test Plugs 4 ½” XH
- 17) (x1) Circulating Nubbin 4 ½” XH X 2” NPT w/ 2” Fig 602 hammer union  
(1 – double swivel chicksan to go with the circ nubbin)

Standard inventory represents the typical rig configuration and inventory available, but specifications are subject to slight modifications from time to time due to customer requirements.

**For further information on our equipment please contact:**  
**Sales and Marketing**  
**Stoneham Drilling Inc.**  
**Telephone: 403-264-7777**  
**Email: [sales@stonehamdrilling.ca](mailto:sales@stonehamdrilling.ca)**

