



STONEHAM
DRILLING INC.

RIG 11 – 4500m TELESCOPIC TRIPLE

Rated Capacity: 4,500 meters with 127mm (5") Drill Pipe (CRITICAL SOUR)

CONSTRUCTION COMPLETED: November 2006

DRAWWORKS

TSM 1200 (1200Hp) c/w 2 x 36" Eaton Brake and Crown Alert Crown Saver
Powered By: Caterpillar 3412 (860Hp)
Allison S6610H (6 speed) Transmission
Rotary Table: 20 ½" Max RPM 210
Hydraulic Catline and Boom Line Winches
Hydraulic Ram Make up and Break Out

SUBSTRUCTURE

Mastco: One Piece, Unitized
Maximum Setback Capacity: 177,920daN (400,000#)
Clear Height: 4.21m without pony sub (app 5m with pony sub)
c/w 6 Hydraulic Leveling Rams

PONY SUB

Two piece 30" sub c/w Bearing Pad with BOP Trolley Integrated into the Bearing Pad and Pony Sub.

DERRICK

Mastco Telescopic Triple
Maximum Hook Load: 222,400daN (500,000#) -10 lines
Racking Capacity: 4,500m 5" Drill Pipe
Manufactured to accommodate Top Drive

OVERHEAD EQUIPMENT

Crown: (X5) 42" cluster, (x1) 50" fastline (x1) 1/4" Drill Line
Traveling Block/Hook: Mckissick Block and BJ Unimatic Hook Rated 311,360daN (350ton)
Swivel: N-69 Rated 266,880daN (300ton)

MUD PUMPS

(x2) Gardner Denver PZ-11 (c/w 127, 140, 152, 165mm liners)
Maximum Rating 1600Hp (110spm max)
Powered By: 3512 Caterpillar (1500Hp @ 1800RPM)

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 6" x 8" Precharge Pump
Mixer "Chemical Shearer"
Hydraulic Actuated Roof



MUD TANK #2 (c/w Invert Vacuum System)

Gross Volume: 74m³ (Active 68m³)
Mission Mag Centrifugal Pump 5" x 6"
Conventional Mixer
(x2) Agitators 7.5Hp
Hydraulic Actuated Roof

BLOWOUT PREVENTION EQUIPMENT (NACE)

Separate 20m³ Degasser Tank Mounted on Pipe Tube #1 (Hydraulically Actuated)
(x2) Poorboy Degassers 36" - 3/8" Wall
(x2) 4" inlets (full 3" I.D.) and two (2) 8" outlets

ACCUMULATOR

Koomey Style: 6-Function 2-Station 680 Liter (180 Gallon) BOP Control System Operating Press 21,000kPa
(X2) BX-10 Triplex Pumps c/w 25Hp
(x2) 340 Liter (90 US Gallon) Manifolds each with (x6) 56.6 Liter (15 US Gallon) Precharge Bottles
(x3) Nitrogen Backup: 58 Liter 15 MPA Nitrogen Cylinders (plus one spare)
Reservoir Tank: 1040 Liter (275 US Gallon)
(x5) 1" 3000# BOP Control Valves with Hydraulic Actuators and Manual Override
(x1) 1" 6000# BOP Control Valve with Hydraulic Actuator, Manual Override, Manifold Isolation and High Pressure Nitrogen Tie-in. For operation for Shear Ram (Designated Nitro-Shear)

B.O.P.s (NACE)

279mm x 35,000kPa T-3 Model 7082 (11" 5000#) Annular Preventor
(x3) 279mm x 35,000kPa T-3 Umodel 6012 Single Gate Ram Preventors

MANIFOLD (NACE)

76mm Double Gut 35,000kPa (5000#)
All valves 81mm (3 1/8") Tartan Gate Valves
(x2) 81mm (3 1/8") API A2 Choke (Willis Style)

FLARE TANK

Integrated 8m³ c/w 2 x 4" Inlet Lines, Dual Stacks and Remote Ignitor

GEN SETS

(x2) Caterpillar 3456 with Marathon 440kW (480 volt)

MISCELLANEOUS

(x7) Hydraulic Pipe Tubs
(40jts) 5" Range III Drill Pipe ea.
Kelly Spinner
Pipe Spinner
Hydraulically Operated Catwalk (c/w Remote Control)

TUBULARS

(2jts) 203mm x 6 5/8" Reg **Range III** Drill Collars
(20jts) 165mm x 4 1/2" XH **Range III** Drill Collars
(8jts) 127mm x 4 1/2" IF **Range III** HWDP
(290jts) 127mm x 4 1/2" IF TSS 95 **Range III** Drill Pipe
(1jt) 5 1/4 Square Kelly c/w HD Drive Bushings



**STONEHAM DRILLING INC.
RIG 11 – TUBULAR INVENTORY**

- 1) 4000m (290jts) Range III 5" TSS 95 Drill Pipe 4 ½" FH Connection
c/w TK-34 internal coating and hardbanding
- 2) (x20) Lengths of Range III Drill Collars 6 ½" O.D. 2 ¼" I.D.
w/ slip Recess 4 ½" XH Connection Bore Back
Stress Relieved, 10" pin hardfacing and 4" box hardfacing
- 3) (x2) Lengths of Range III Drill Collars 8" O.D. 3" I.D.
Slick w slip Recess 6 5/8" Reg Connection Bore Back
Stress Relieved, 10" pin hardfacing and 4" box hardfacing
- 4) (x1) 54ft Square Kelly 51ft drive area, 6 5/8" Reg L.H. 4 ½" FH pin
- 5) (x10) Pick up Subs 4 ½" XH cut for 5" and 4 ½" 18 deg Elevators
- 6) (x2) Pick up Subs 6 5/8" Reg Cut for 5" and 4 ½" 18 deg Elevators
- 7) (x1) Bit Sub OAL 36" 8" O.D. 6 5/8" Reg Box 6R Float Cut
- 8) (x2) Bit Subs OAL 36" 6 ½" O.D. 4 ½" Reg Box X 4 ½" XH Box 4R Float Cut
- 9) (x1) X/O Bel 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 Cock 6 5/8" Reg L.H.
- 12) (x2) Saver Subs 4 ½" XH pin X 4 ½" XH Box
- 13) (x1) X/O Sub 4 ½" XH pin X 4 ½" FH Box

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

