



STONEHAM
DRILLING INC.

RIG 12 – 3500m TELESCOPIC DOUBLE

Rated Capacity: 3500 meters with 114mm (4 ½”) Drill Pipe (CRITICAL SOUR)

CONSTRUCTION COMPLETED: July 2007

DRAWWORKS

TSM 875 (875Hp) 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 6 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: 5 X 36" cluster, 1 X 36" fastline X 1 1/8" Drill Line
Traveling Block/Hook Rated 250 Ton (BJ Unimatic 6250) 177,920daN
Swivel: TSM 200 Ton 177,920daN
Bails: 250 Ton (2 ¼" X 96")

MUD PUMPS

(x2) Gardner Denver PZ-9
Maximum Rating 1000Hp @ 130spm (Stoneham max. 120spm)
Ea. powered By: 3508 Caterpillar (Rated 900bhp @ 1200rpm)
c/w 127, 140, 152, 165mm Liners (7" x 9" Stroke)

MUD TANK #1 (w/ Hydraulic Actuated Roof)

Gross Volume 84m³ (Active 73.3m³)
(x2) Shakers: Derrick FLC 2000
(x2) Agitators: 20Hp
(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 (Covered w/ Hydraulic Actuated Roof)

Gross Volume 74m³ (Active 68m³)
(x2) Agitators: 20Hp
Mission Mag Centrifugal Pumps 5" X 6"
Conventional Mixer
125 Gallon Invert Vacuum System

BLOWOUT PREVENTION EQUIPMENT (NACE)

DEGASSER TANK (Degasser Tank/Pipe Tub #1)

20m³ Degasser Tank Mounted on Pipe Tub #1 (c/w Hydraulic Raising System)
(x2) Poorboy Degasser's 36" – 3/8" Wall
(x2) 4" Inlets (full 3" I.D.) and two (2) 8" Outlets

ACCUMULATOR

Koomey Style: 6-Function 2-Station 680L (180 Gallon) BOP Control System, Operating Press 21,000kPa
(x2) BX-10 Triplex Pumps c/w 25Hp Electric Motor
(x2) 340L (90 US Gallon) Manifolds each with 6 – 56.6L (15 US Gallon) Precharge Bottles
(x3) Nitrogen Backup: 58L 15MPA Nitrogen Cylinders (plus one spare)
Reservoir Tank: 1040L (275 US Gallon)
(x5) 1" 3000 BOP Control Valves with Hydraulic Actuators and Manual Override

B.O.P.'s

279mm x 35,000kPa Annular; T-3 Model 7082
(x3) 279mm x 35,000kPa Single Gates; T-3 Model 6012

MANIFOLD (NACE)

76mm Double Gut 35,000kPa (5000#) Manifold
Valves 81mm 35,000kPa (3 1/8" 5000#) Tartan Gate Valves
Two 81mm 35,000kPa (3 1/8" 5000#) API A2 Chokes (Willis Style)

FLARE TANK

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

GEN SETS

(x2) Caterpillar C-16 with Marathon 440kw

MISCELLANEOUS

(x7) Hydraulic Pipe Tubs (Tub #1 c/w Degasser Tank)
Capacity 68jts 114mm Range II Drill Pipe ea.
Kelly Spinner
Pipe Spinner
Hydraulically Operated Catwalk (c/w Remote Control)

TUBULARS

(2jts) 203mm x 6 5/8" Reg Drill Collars
(18jts) 165mm x 4 1/2" X/H Drill Collars
(330jts) 102mm FH TSS-95 Drill Pipe 15.7#
(x1) 4 1/4" Hex Kelly
(60jts) 102mm FH HWDP

TOP DRIVE

Tesco EX1 350Ton 600Hp Electrical c/w 1050kw Gen Set
Powered by a 3508 Caterpillar Diesel



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RIG 12 – TUBULAR INVENTORY**

- 1) 3150m (330jts) Range II 4" TSS-95 Drill Pipe c/w Internal Coating and Hardbanding 15.6#/ft, 4" FH Connections, 5 1/4" OD TJ's, 2 9/16" ID
- 2) (18jts) Range II Drill Collars 6 1/2" OD, 2 1/4" ID
Slick w/ Slip Recess 4 1/2" XH Connection Bore Back
Stress Relieved, 10" Pin Hardfacing and 4" Box Hardfacing
- 3) (60jts) 4" FH HWDP
- 4) (2jts) Range II Drill Collars 8" OD Slick w/Slip Recess
6 5/8" Reg Connection Bore Back and Stress Relieved
10" Pin Hardfacing and 4" Box Hardfacing
- 5) 40ft 4 1/4" Hex Kelly 37' Drive Area, 6 5/8" Reg LH
4" FH (right hand)
- 6) Quill Sub 6 5/8" Reg LH Pin X (4 1/2" FH LH Pin)
- 7) (x9) Pick up Subs 4 1/2" XH cut for 4 1/2" and 4" – 18 deg Elevators
- 8) (x2) Pick up Subs 6 5/8" Reg cut for 4 1/2" and 4" – 18 deg Elevators
- 9) Bit Sub OAL 36", 8" OD 6 5/8" Reg Box X 6 5/8" Reg Box 6R Float Cut
(need 1 – 6R float and also 1 6R Totco Ring)
- 10) (x2) Bit Subs OAL 36", 6 1/2" OD 4 1/2" Reg Box X 4 1/2" XH Box 4R Float Cut
(need 2 – 4R floats and also 2 – 4R Totco Rings)
- 11) X/O Bell Sub 36" OAL, 6 5/8" Reg Pin X 4 1/2" XH Box
- 12) (x3) Lower Kelly Cocks (one designated stabbing valve) 4" FH
- 13) Inside BOP c/w Top Cap 4" FH
- 14) Upper Kelly Cock 6 5/8" Reg LH
- 15) (x2) Saver Subs 4" FH Pin X 4" FH Box
- 16) (x2) 4" FH Pick up Nubbins (Pin)
- 17) (x2) 4" Pick up Nubbins (Box)
- 18) 6 5/8" Reg Pick up Nubbin (Pin)
- 19) (x2) Test Plugs 4" FH
- 20) Circulating Nubbin 4" FH X 2" NPT w/ 2" Fig 602 Hammer Union (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:
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