

TOTEM DRILLING LTD.

Rig 2 Inventory



- Totem Drilling Rig 2 Inventory
- Date Built --> 2007
- Number of Loads / summer --> 15
- Number of Loads / winter --> 16
- Fast rig up and tear out design (Average Move To Derrick Raised 4 Hours In Good Weather And Lease Conditions)
- Drawworks Stevens Welding Model HD – 700 Rated at 750 HP Powered by Detroit Diesel Series 60 675 hp
- Depth Rating - Rated 2800 m Vertical Depth (4" Drill Pipe) 3600 m Horizontal
- Hodgson Model MT 106-9.5-400G 106' Telescopic Double
- Substructure Hodgson Model ST 14-14.2-400G Substructure



- Mudking Model 150 traveling block rated at 300,000 lbs with 1 x 8 drilling line
- 10 inch by 42 inch brake band capacity with integral glycol cooling with Eaton 324 E Brake
- 16 inch Rotary Table Brake (Capable of holding rotary table for horizontal steering)
- 50 hp hydraulic system , complete with 50 hp backup hydraulic system complete with hydraulic Tugger and boom line winches along with hydraulic survey winch and 10,000 feet of survey line
- Mudking Model 180 ton Swivel complete with Gill model 100 Kelly spinner
- Mud tank --> 5 Compartment 60 Cubic Meter Mud tank c/w Swaco Mongoose Shale Shaker
- Heated mixing shack, complete with 50 HP 5X6 Victory mixing pump and mud testing equipment , Mixer capable of pumping tanks to and from 400 bbl tanks if requested



- G.D. PZ9 Triplex Pump powered by 640 hp Detroit Diesel Engine complete with 800 hp Pacific Rim transmission equipped with 5x6 centrifugal precharge pumps along with 3000 psi otteco relief valve also equipped with 20 gallon pulsation dampener.
- Pump house is heated and equipped with storage space for all associated equipment



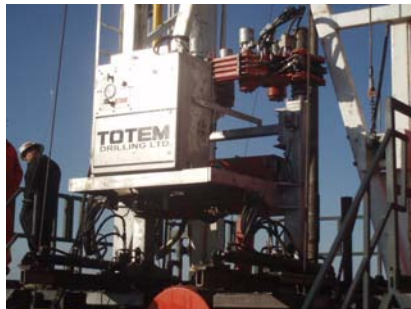
- Detroit Diesel 300kW generator c/w 480V and 240V electrical panels



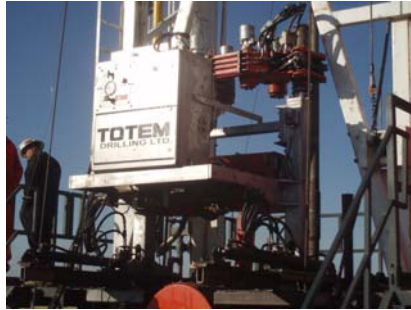
- Control Tech. Model SPH annular preventer rated 21,000 kPa and 2 FZ23-21 single gate preventers rated at 21,000 kPa hydraulic HCR equipped
- 9"x9" and 9"x11" working spools
- 3"x2" 21,000 kPa choke manifold mounted at the end of the catwalk. Heated, SIDPP and SICP
Gauges, mud return to poorboy degasser and flare tank ready



- Drill String (Pipe) --> 270 jts of 4" pipe (101.2 mm) with 4" FH Pin Box Connections, X95-15.7# per foot, - Tool joint ID 82mm OD 139 mm
- Drill String (Heavywates) --> 60 jts of 4inch (101.2 mm) x 4" FH Pin / Box Connections w/ Drillco Hard Banded HWDP, - 29.7 lbs per foot, ID 66.675mm, OD 139 mm
- Drill String (Collars) --> 12 jts of 6 ¼" x 4 ½" XH connections, hard banded Drill Collars
- Pason equipped drilling recorder base system along with auto driller



- Hydraulic Alco Smart Iron Roughneck system and hydraulic catwalk assist in safety of personnel and less damage to drill string.
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- See Connection made by Iron Roughneck here:
<http://www.totemdrilling.com/Totem%20Rig%201%20Iron%20Roughneck.wmv>
- See Hydraulic Catwalk in operation here:
<http://www.totemdrilling.com/Totem%20Hydraulic%20Catwalk/Totem%20Hydraulic%20Catwalk.wmv>
- See Rig # 2 lease Layout here:
<http://www.totemdrilling.com/Rig%202%20Lease%20Layout.PDF>
- Find Rig # 2 Here - Rig Locator -
<http://totemdrilling.com/totemriglocator.pdf>