

The CATALYST

CHEVRON REFINERY, CAPE TOWN



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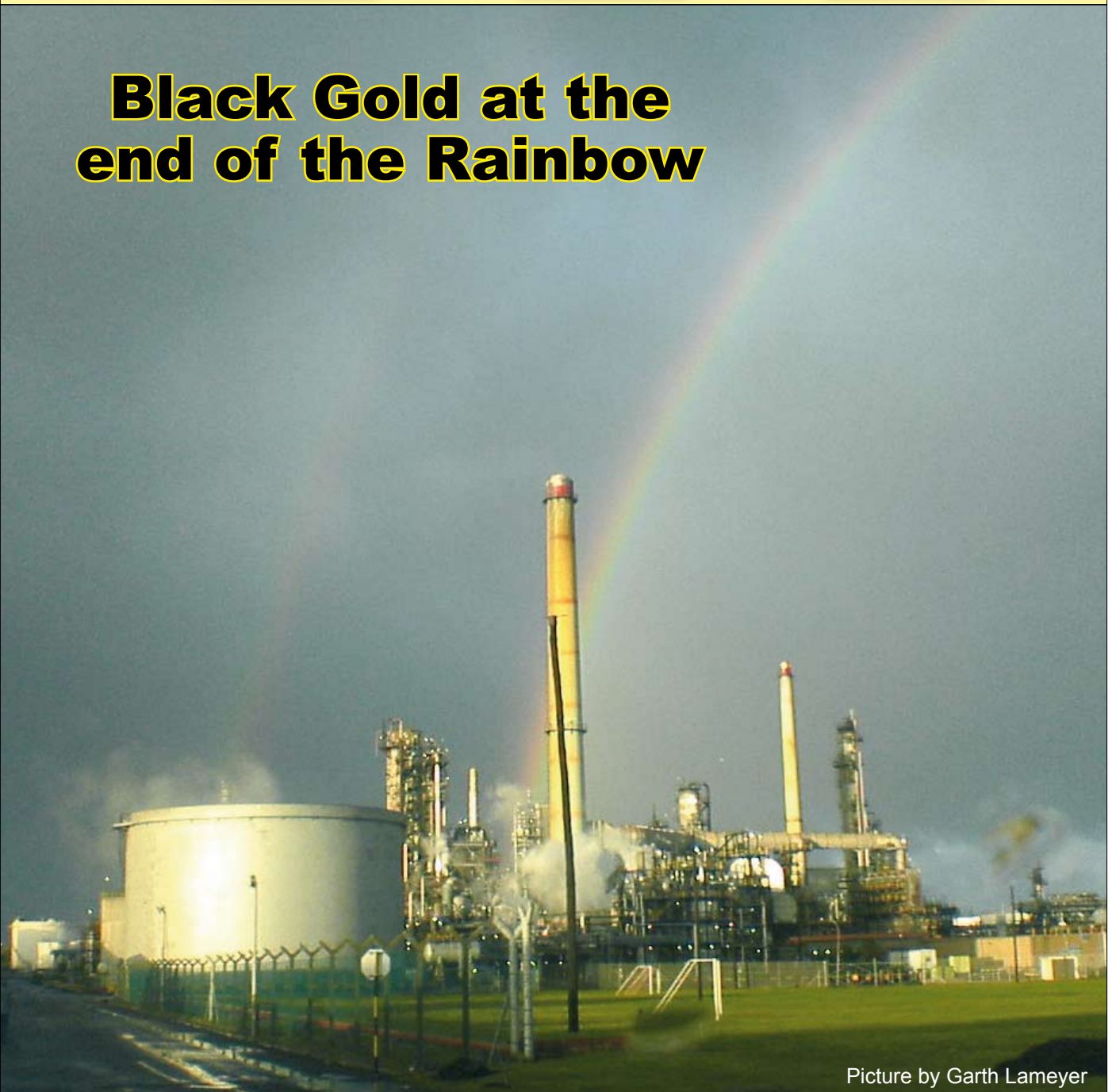


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Black Gold at the end of the Rainbow



Picture by Garth Lameyer

Steam Trap best practices are harnessed

The best practice initiative through Chevron world wide has been harnessed at the Chevron Cape Town Refinery with the introduction of an intensive steam trap monitoring, repair and replacement program, says Eugene Bailey of Chevron Cape Town.

Reliability Services identified the ongoing difficulties of have maintenance staff running and maintaining the core business units as well as repairing and replacing steam traps, which often are neglected due to other more pressing requirements. With this in mind a solution was sought with the obvious option being that the supplier of the goods should increase his relationship and offer a greater scope of supply.

Considering the global usage of the Armstrong brand of products by Chevron and the Cape Town refinery's decision ten years previously to standardise on Armstrong it was a natural step to approach the local agent Armstrong Steam Western Cape (Pty) Ltd as the corporate alliance provider. The challenge to Armstrong Cape Town was to elevate their

commitment to the Refinery from sales and support to include installations and on-going steam trap monitoring.

A number of challenges were addressed from both parties resulting in a solution with the core objective of increasing steam loss awareness; reducing steam wastage; and quick responses to failures either through the ongoing test and immediate repair process or through the normal day-to-day operator works orders being processed.

"By having a dedicated steam team on site we are now able to schedule repairs with very few reasons for the work not to be completed on schedule" adds Eugene. Parallel to the actual onsite work been carried out, is the daily update of the Armstrong software package, Steam Star.

This web database allows accredited personal access through a log-in password, allowing them access to the daily information and management report with regard to the steam trap population status, reflecting steam loss savings and CO₂ emission savings.



Mike Feldon of Armstrong Steam

"After a cautious start the project has already reaped the anticipated results for the first quarter", concludes Mike Feldon of Armstrong Steam Cape Town. For more information Armstrong's site office can be reached on JPJW@chevron.co.za or 083 251 9346.

- Eugene Bailey



From left to right: Fakile Jack, Francois Jansen, Arina Van Wyk, Graham Japhtha, Joao Potgieter, Eugene Bailey, Mike Feldon