



**Client:** Total Coal SA

**Site/Location:** Secunda, Mpumalanga

**Project Period:** March 2007 - February 2008

## **Project Description:**

RSV ENCO was appointed to complete a pre - feasibility study of the exploitation of the Dorstfontein No. 4 seam resource and a feasibility study on the East Mine on coal seams No. 2, 3, 4 and 5

## **The Project Included:**

- Detailed mine scheduling for opencast and underground
- Compiling of PDF's for bulk water supply, water reticulation on surface and underground coal flow, SLD for bulk power supply and reticulation
- A detailed design of the shaft office complex
- Design of mine access (box cut) and all surface and underground conveyors plus a discard dump
- Design of the coal process plant, product stockpile and product dispatch by railway from the mine to Richards Bay

## **Services provided:**

- Project management
- Detailed mine scheduling
- Box cut access design
- Ventilation design
- Mechanical, electrical and civil design
- Process plant design
- Discard dump design (tailings dam)
- Drafting services
- Quantity surveying services