

# In-Situ Conversion Process (ICP)

## What is it?

- Enhancement of natural maturation of kerogen by *slow* heating
- Results in:
  - thermal cracking
  - in-situ hydrogenation
  - high sweep vapor phase production
  - high API oil
  - N,S,O content vary with resource
- Average temperature limited to boiling point of diesel, i.e. essentially no bottoms

## How is it done?

- Electric resistance heaters
- Underground conductive heat transport

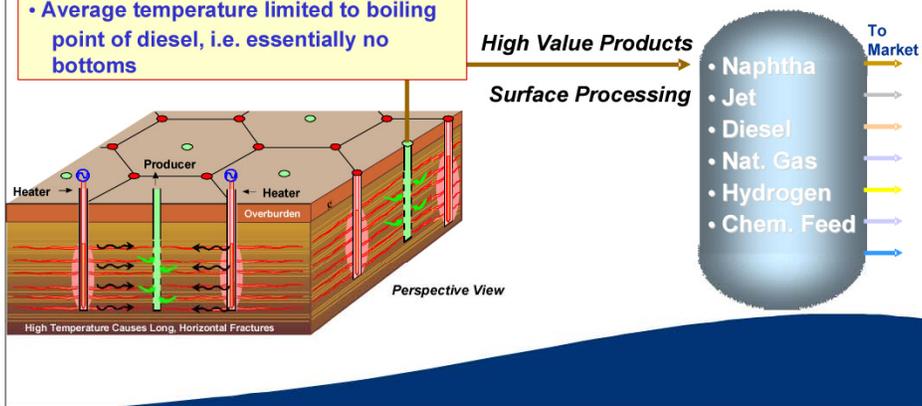


Figure 4. ICP Process