

FRACKINGfacts

- Fracking is short for 'hydraulic fracturing'
- Shale rock formations trap gas between the layers
- Wells can be 5km deep and extend for 1-3km horizontally
- Sand and chemicals are pumped into the well under pressure
- This creates cracks in the rock, releasing the gas
- Shale Gas is an Unconventional Fossil Fuel
- Each well uses between 6 and 25 million litres of water
- Each well uses up to 150 000kgs of sand
- Chemicals include: Arsenic, Chlorides, Radon, Benzene
- The waste water is contaminated by chemicals
- Each well is mined for 3-6 years
- Jobs are short term
- Extensive roads and pipelines are laid around wells
- Germany, France, Scotland, New York State have banned fracking
- Methane is a by-product of fracking
- Methane is more harmful than carbon dioxide for Climate Change
- South African landowners do not own the mineral rights on their property
- There are two hydraulic fracturing Technical Co-operation Permits (TCP) for KZN
- The Sungu Sungu TCP includes areas between Giants Castle and Rosetta, as well as Estcourt, Bergville and along the edge of the Berg, Dannhauser and into the Free State
- The Rhino Oil & Gas TCP includes areas around Richmond, Eston, Pietermaritzburg, Hilton, Howick, Karkloof, Balgowan, Dargle, Kranskop, Weenen and as far north as Vryheid
- These concessions are in the areas where our rivers start

FOR MORE INFO

<http://www.midlandsconservancies.org.za/prpagefracking.php>



NO MINING THE KZN MIDLANDS