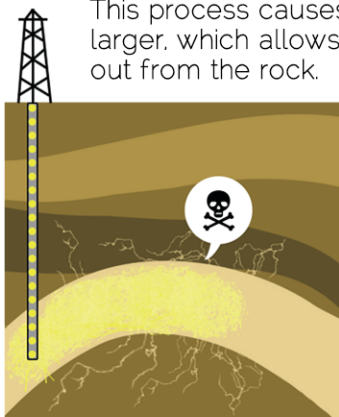


What is Acidization?

Acidizing is a stimulation process in which acid is injected into oil wells penetrating the rock pores with pressure that should not fracture the rock. Acidizing is used to either stimulate a well to improve flow or to remove damage. During matrix acidizing the acids dissolve the sediments and mud solids within the natural holes in rock to allow liquid or gases to flow through it.

This process causes the holes to grow larger, which allows more oil to flow out from the rock.



After the acid job is complete, the oil, natural gas, and contaminated water are pumped back up through the same well.

Adapted from: http://petrowiki.org/Matrix_acidizing

Where is this happening?



Stories from the neighborhood

"Oil sprayed our homes and the cars parked on Budlong Avenue."

"Closed windows could not keep out the diesel fumes and oil smells. We had to move to protect our two-year-old daughter's health."

"We watched their workers illegally paint the curbs red on Van Buren Place. We got parking tickets in these fake red zones even though we had parked there for years."

"Are we safe? I just don't know, and that's what scares me. There is no information on what is going on."

What you can do:

Sign up for our E-Newsletter and get involved with the movement!

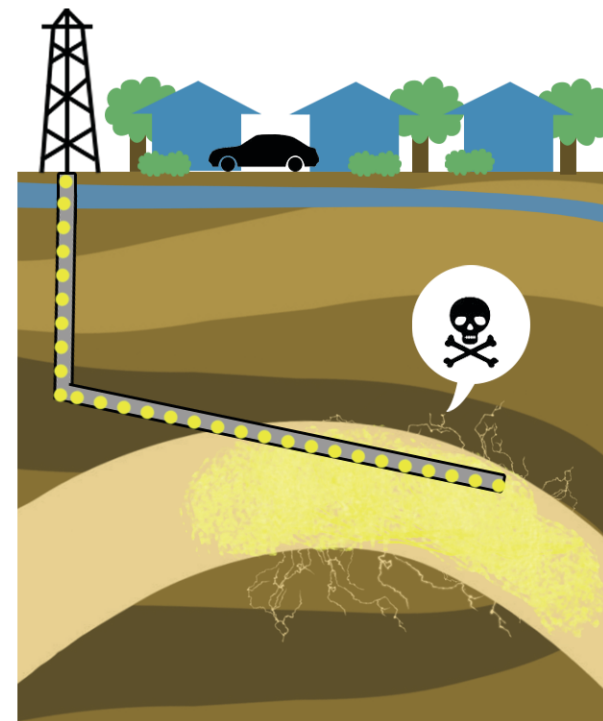
<http://tinyurl.com/JeffersonSignUp>

Report odors complaints and make it count!

Petroleum odors, like second hand smoke, are not healthy. If you smell petroleum call 1-(800)-CUT-SMOG (1-800-288-7664) and contact Niki Wong (323-795-8228) or neighbors and friends to also call a complaint to reach the 6 persons necessary. When you call, be sure to ask the inspector to bring air monitoring equipment!

Acidization and

YOUR HEALTH



Contact

Niki Wong (niki@redeemercp.org)
323-795-8228

to get involved!

Redeemer Community Partnership
PO BOX 180499
Los Angeles, CA 90018
<http://www.redeemercp.org>

in 2014, acid jobs at the Jefferson Drill site poured about

3,050 gallons of acid

into oil wells beneath homes

that's enough to fill

127 bathtubs



Hydrofluoric acid (HF) is one of the primary acids used in the acidization process.

If exposed, it can...



severely burn eyes



burn skin



damage lungs



depending on concentration, it can lead to death

7 toxic gaseous chemicals

were used at the Jefferson site



Studies have determined common symptoms found in residents near fracking/acidization sites

Nausea (fertility issues in women, low birth weight), Headaches (respiratory illness/issues), Nose Bleeds (birth defects)

Oil companies do not have to report all chemicals used due to 'trade secret' and 'maintenance jobs' exemptions.

This means there may be more harmful chemicals used during these extreme extractions than what is reported.

Another study (2013) investigated



12 chemicals

used in fracking/acidization found in contaminated water sources were possible

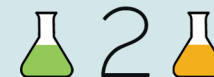
Hormone-disrupting chemicals

which interfere with activities of male and female sex hormones



hormone-disrupting chemicals are possible causes of breast cancer and can affect the health of future generations

The Jefferson Drill site has reported using at least



2 potential hormone-disrupting chemicals.

In 2014, Jefferson Drill Site operations poured



1,227 pounds of hormone disrupting chemicals, such as 2-butoxyethanol and nonylphenol ethoxylate

1. http://www.bt.cdc.gov/agent/hydrofluoricacid/
2. http://www.cafrackfacts.org/technology/new-technologies/
3. Whalen, C. (2014). The Environmental, Social, and Economic Impacts of Hydraulic Fracturing, Horizontal Drilling, and Acidization in California.

** Reports on Jefferson site jobs found at http://xappprod.aqmd.gov/r1148pubaccessportal/Home/Index search zip code 90007