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Experimental Futures  
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<https://www.dukeupress.edu/fractivism>

## Fractivism

*Corporate Bodies and Chemical Bonds*

### WellWatch Appendix

WellWatch was a web-based tool to help communities learn and share information about oil and gas development near them. Built using Semantic Mediawiki, users could search a map of oil and gas wells in five states, as well as leave complaints and notes about wells and other oil and gas facilities. They could also build community pages with locally specific information and join community forums. WellWatch intended to create space where communities and landowners experiencing similar conditions in geographically different areas could connect, share experiences, resources and learn from one another.

WellWatch was developed by the ExtrAct Research group from MIT's Center for Future Civic Media. After pilot testing in Colorado in the fall of 2010, WellWatch was advertised more broadly during January 2011 and remained online until the fall of 2012. The site prototype received more than 200 reports from our three trial states— Colorado, New York, and Pennsylvania— and garnered 110,000 page views between March 10 and April 16, 2011.

Sadly the WellWatch's server and backup server irreparably crashed in the fall of 2012 lead to the loss of many of the stories and data shared on the site. This appendix contains reports recovered from the Internet Archives as well as digital versions of WellWatch records retained by users and ExtrAct research team members. This appendix only contains materials cited in Chapter 9 of Fractivism. Other entries and materials can be found on the Internet Archive. The site's url was: [www.wellwatch.org](http://www.wellwatch.org).

All WellWatch materials were generated by users and in no way reflect the opinion of the ExtrAct group, Center for Future Civic Media, M.I.T. or other affiliated organizations.

#### WellWatch: A Grassroots Research and Monitoring Tool




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page discussion edit history

## Water

Complaint ID	Complaint name	Start date
05-045-07374 complaint 0002	leaked reclamation/contamination	2 January 2008
05-045-07374 complaint 0009	leaked frac liquid spill clean up	1 January 2008
05-045-07374 complaint 0010	COGCC responses in 2011 to 2006 frac ops	1 February 2008
05-045-07374 complaint 0011	COGCC leaks into frac spill after 6 years of operations	10 May 2011
05-045-07834 complaint 0001	requesting no releases of liquids from pad	20 May 2011
05-045-07834 complaint 0002	releases of liquid from pad area	1 June 2011
05-045-07834 complaint 0003	COGCC orders permit to release liquids	2 June 2011
05-045-07834 complaint 0004	responses to air complaints	9 June 2008
05-045-09486 complaint 0008	unpleasant odors from pad	
05-045-18884 complaint 0001	water well down well, contaminated water, secondary distribution	1 March 2009
05-045-10463 complaint 0001	petroleum leak - produced water returns from Bailey compressor station	10 September 2010
05-045-10818 complaint 0001	discolored and odorous water in house	24 February 2011
05-045-11375 complaint 0003	dead/dormant orchard trees (both head only), severely ill people	1 June 2010
05-045-11375 complaint 0004	health problems after moving out of State	12 April 2011

### 37-015-20096 complaint 0001



37-015-20096 complaint 0001

APN number (if available): 37-015-30008

Location (if no APN number is available): 41.7091988171, -76.6824757183

Complaint Coordinates: 77° 40' 57" S, 41° 42' 30" E

Headline of complaint (see comments): Frac Fluid Spill From Pad To Natural Pond

Source of Complaint: facility

Request of Complaint (responds with comments, to or on water, treatment): Property, orchard, water, trees

Start date of complaint: 2010-03-03

End date of complaint: 2011-03-01

Is this a re-opening problem?: Yes

Complaints tracked (responds by date): Complaints, Normal

Employee tracked (responds by comment): Karsell

Submitted by: Karsell

Submission time: 2011-03-21 09:52:42 PM

300,000 gallons of produced water spilled into neighbor's pond. Neighbor not bonded with gas company.

Detailed explanation of complaint: Two weeks later Hydrochloric acid was spilled into the pond. Then the owner of pond was notified by Chemguard. Trees were cut down, pictures were taken. The trees appeared to be burnt, red rings. Both lot of trees. Trees were cut down and shipped.



Screen shots of water complaints made on WellWatch and the beginning of a WellWatch report that was supplemented with photographs of damage to plants following a spill.

**Detailed explanation of complaint**

John Coleon, a reporter from the local paper the Glenwood Springs Post Independent called me doing an article on the odor problem here.

July 21st, am there was a strong petroleum odor.

July 22nd, 2:15 to 2:30 am there was the same odor, but this time plus a strong diesel odor too

July 23rd, I don't know how long it was, I was asleep at 9:55 and I woke up and smelled petroleum odors until 10:08.

After the paper printed the article, the odor issue seemed to get better for a while.

Aug 5th, petroleum odor at 6:45

August 6th, 8 am diesel odor

Aug 9th 10:30 am diesel odor at the corner of 300 and 301 Rd. close to the Watson pad, there was a moderate wind coming from the East...

A new rig was up as of Sunday.

Aug 19, 2011 8:50 pm smelled diesel, had windows open, there were no trucks around

Aug 20th 6:45 I smelled a combination of diesel and petroleum

Aug 22th 8:10 pm - This time I noticed a very different odor coming from the east - it would well and wane - not the usual odor... it was an agricultural odor - like mown hay and manure... it came again at 8:55 pm

Au 27th 9:30 am Watson Pad/Artero had a flare going.

At 8:05 there had been unusual industrial type odors coming in.

At 9:20 pm still wore industrial type odors, and the well was still flaring/burning off

My eyes were burning. I used eye drops and made three calls - just got message machines

Aug 28th in the morning I was up waking near there, and met another lady who often worked near there. She had also been noticing odors.

Aug 28th Shaun Kellerby called me from the Rifle COGCC office and he said he had called John Black from Artero - I never heard back from either of them

Feb 9th, 2011 - had first nosebleed (had never had nosebleeds before, maybe once or twice in my life -)

Feb 10th, 2011 - had second nosebleed, it went on for over half an hr, I called the EMTs - they couldn't stop it, and then I was taken to the E R in Rifle. They put a balloon in my nose. That same night I went to the E R in Grand Junction with issues from the balloon in my nose. They wouldn't take the balloon out of my nose because they were afraid the bleeding wouldn't stop if they did

On Feb 14th 2011 I went back to the hospital and they took the balloon out of my nose.

*WellWatch as symptoms diary and odor log:*

Example of a WellWatch user keeping an online diary by day of symptoms and other experiences such as odors.

## Fractivism: Corporate Bodies Chemical Bonds

### Appendix 3: WellWatch

#### WellWatch Complaint: 05-045-14674 complaint 0001

**URL:**

web.archive.org/web/20110315070603/http://scraper.media.mit.edu/wiki/Complaints2.

**Complaint Headline:** odor issues, lots of health problems, severe

**API #:** 05-045-14674 complaint 0001

**Location (if no API number is available)** -107.94975, 39.452111 [OB]

**Corrected Coordinates:** 39° 27' 8" N, 107° 56' 59" W

Latitude: 39.452111 Longitude: -107.94975

**Cause of Complaint:** air, human health

**Object of Complaint:** facility

**Start Date of Complaint:** 2006/01/01

**End Date of Complaint:** 2011/02/27

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** Rabbit

**Time of Submission:** 2011/2/27 07:34:30 PM

#### **Detailed Explanation of the Complaint:**

Last monday night about 1:30 am til 5 am the fumes from the surrounding wells were overpowering inside the home. That was Feb 21st, 2011. I got up and made a mad dash to kill the heater, because that draws air into the house from outside. I was choking and my stress level hit the ceiling. I usually have air cleaners running in the house but that night I forgot to turn them on. I have lived here for 13 or so years, and there have been continual problems from living near these wells. They got really bad at the height of the boom, around 2006,7. My truck always had a film on the windows every morning. I would wash it with glass cleaner, but always the next day it had an oily film on the glass. I started washing the windows with only water, thinking that the cleaning product was leaving the film. The same thing happened, every morning their was a new oil film on [REDACTED] the windows. So I am breathing that stuff too... I am continually fatigued, and can barely function. I have no energy, and memory problems, and severe headaches. I have nodules on my thyroid (which I've bben told have been known to be related in some cases to exposure to gas dev. related chemical exposure) I have uterine cancer, and after I had a complete hysterectomy a uterine wash was done and active cancer cells were found that were hormone related. This is highly unusual, is what I was told. I don't open my windows in the summer, it is like a flume of toxins blow in from the South West, and smell is very thick here... I have plastic on the window - , I can't risk a garden, I can't sit on the deck, I drink bottled water. The fumes were really bad a month ago. I called [REDACTED] and complained, and one of their employees, the liaison, told me that allot of the fumes around where I lived were coming from [REDACTED] wells. The liaison said that [REDACTED] 'maybe ' would put afterburners in on their future wells. The neighbors down

the road had high end horses, and there were reported problems with the births the people moved out. The neighbor across the road gets royalties and moved to Florida. When the fumes were really bad a few years ago you could see a funnel cone shape of fumes from the deck. I am very ill - I have been threatened with eviction if I 'talk and make trouble' I don't know what is going to happen. My former Dr who worked at the Rifle hospital told me there were lots of alarming unaccounted for illness around here - and he advised me 'to get out of Dodge'... he is gone now from the hospital... (away from gas development areas... My ongoing health symptoms include: severe fatigue, short term memory loss, constantly burning eyes (I have eye drops in every room) - as soon as I smell gas I get extremely fatigued, have headaches, and dizziness - I hold the wall when I walk at those times. I have pains in my hands, an have an especially hard time trying to write - I have to put braces on my hands. I was checked for arthritis, but the pain is constant (esp in the hands and joints), it doesn't come and go like arthritis does... I drop stuff if I hold it in my right hand, I have to brace a tea cup with both hands. Now I have problems with my left hand - just pulling the start button out on the washing machine. The pains are 24-7. I live in area surrounded by wells, new and old. I don't know for sure what wells are causing these problems, likely all of them...

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### **WellWatch user notes that a recent well is absent from WellWatch database**

Personal Email

Fri, 12 Aug 2011 13:17:06

From: Extract team member

To: Extract team member

Subject: Parachute CO well not on map...

Hi guys, I have a landowner with a good report of silica dust from a frack operation at a wellsite in Parachute CO. We got on WW and into the map, but there is no 'red dot' showing for this rather new [REDACTED] well. If you go to the google map, the town of Parachute proper is North w of the river and I-70. C R 300 crosses the interstate as you drive (South)East, toward the CO river. (very short distance to the river from downtown tiny Parachute...) the well is off to the left, right before you get to the river as you are heading up in the Battlement Mesa development proper. In a nutshell, it is a well drilled fairly recently by [REDACTED] literally on the banks of the CO river and East of Parachute and within 1/4 mile of town (plain site) is not on the Well Watch map. ....

Hope you're all good thanks and cheers, Extract Team Member

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### **WellWatch Complaint: 37-015-21311 complaint 0001**

**url:** [web.archive.org/web/20110506182014/http://scrapper.media.mit.edu/wiki/37-015-21311\\_complaint\\_0001](http://web.archive.org/web/20110506182014/http://scrapper.media.mit.edu/wiki/37-015-21311_complaint_0001)

**Complaint Headline:** Appear to be fracking when a halt was announced

**API #:** 37-015-21311

**Location:** -76.5184944486,41.7359361089

**Corrected Coordinates:** 41° 44' 9" N, 76° 31' 7" W

**Cause of Complaint:** other

**Object of Complaint:** ethics

**Start Date of Complaint:** 2011/04/28

**End Date of Complaint:** 2011/04/28

**Is the Problem Recurring:** No

**Companies Involved:** [REDACTED]

**Employees Involved:**

**Submitted by:** Towanda

**Time of Submission:** 2011/4/28 02:57:47 PM

#### **Detailed Explanation of the Complaint**

Passed this site twice mid-day today and noticed a large amount of activity that looks like fracking going on, despite announcement by [REDACTED] that they are on hold with well completions. There was generator noise audible over my car engine and numerous people at the site and white pickups coming and going from entrance.

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#### **Reports Retrieved from Tara Meixsell Notes:**

**Username:** Goat

**API #:** 05-045-11375

#### **Urls for log of Complaint/Note Headlines:**

[web.archive.org/web/20111216143606/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes](http://web.archive.org/web/20111216143606/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes)

[web.archive.org/web/20110313114917/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes](http://web.archive.org/web/20110313114917/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes)

#### **Date of Complaint: 1-5-2011**

took a picture today of 'stuff' (smoke, steam?) coming out of stack on condensate tanks next to our driveway. Time was 7:45 a m.

-took 2nd picture of more visible fumes at 8:20 am that next am adult male in family woke up at 3:38 am with extreme stomach pains -a tanker truck came to the well site this morning at 9 am, took two picture of truck cleaning up at 9:25 am -a sensation of tongues being over sensitive hit several of the family members - breathing the outside air bothers it... -adult female - sensation of tongue burning today - tongue being over sensitive teen child - tongue stinging throughout day another teen child's heels hurt/ache

#### **Date of Complaint: 1-7-2011**

Adult female - tongue still hurts, sky has yellow haze - experiencing bad pain in left shoulder.

-went to Denver (3 hrs away) - got home around 10:30 pm

-pulled into road by house and started smelling fumes from the wells. Daughter also smelled them. Burned my throat. Had dizziness today for hours. (floating feeling) Had terrible pain in left back shoulder

-like stabbing through chest at 2:30 pm. Could not get comfortable, kept me up all night.

-Adult male - at approx 3 pm same day had horrible headache, very painful. Voice gone raspy.

**Date of Complaint: 1-8-2011**

-Adult female, no sleep due to horrible pain in top of shoulder that will not leave

-8:03 am took picture of smoke coming out of pipe over the well pad by the driveway

-8:16 am took another picture of white fumes still coming out of pipe/stack on wellpad by driveway

-adult female, experiencing terrible pain in shoulders, chest, breast, and left arm. Got State to do water test on now stinking foul house water today. Headache tonight

**Date of Complaint: Not recorded in notes**

Methane (or other fumes?) leaking from round left back tank on well pad (as viewed from the house, from the North of the pad) No snow on that tank - can see leaks (wavy lines in air, 'invisible fumes' coming from all 2" vertical pipes

-took picture of snow on all other three tanks but not on the one leaking...

Had a miserable night - piercing pain on back of both shoulders through ribs and left arm aching, cannot sleep because of pain, left breast inconstant pain - have taken Alieve every three 1/2 hours without relief. Teen child also complaining of upper shoulder and rib pain and pain under her breast. She had trouble sleeping the night before.

-Have also constant soar throat.

-Had pain all through church and after, still taking Alieve under Dr can see me.

-Taking deep breathes hurts and most regular breathing hurts.

-Dull headache today, voice gone.

Going to Dr [REDACTED] in Grand Junction at 11 a m tomorrow

**Date of Complaint: 1-11-2011**

No sleep from pain in shoulder and chest. Gone to see Dr [REDACTED] today for this today qt 11 a m. Had slight headache during first part of the visit. Now (home) headache is strong...

Took multivitamin

3-4 shots in back, got massaged in.

(Adult male experienced pain/burning after sexual activity, first time experiencing this type of pain in his life.)

Dead chicken found at house. (Avacana hen found at house today) and another dead chicken found when we came back from the Dr's office today. Both had food in their craw and were seen eating yesterday. Both drinking water.

**Date of Complaint: 1-11-2011**

Still having trouble sleeping due to pain in shoulder and pain in ribs on left side.

Smoke (white fumes) still coming from stack on well site - the white fumes are visible every day - took picture at 8 am (1/11/11)

**Date of Complaint: 1-13-2011**

Adult male has rash on calf (leg) that itches - at 7:30 am

Adult female still in pain from shoulder, chest, and sore throat.

Jan 14, 2011 - Adult female had shoulder pain again all last night. Adult male had headache. Younger family adult also had a headache.

**Date of Complaint: 1-15-11**

Adult female experienced neck pain in left side and ribs. Sore throat and swollen gland feeling. Adult male had buzzing in ear and sore throat, and abdominal pain. Adult female's tongue hurts today - Adult male's lip is swollen

**Date of Complaint: 1-16-11**

Adult female has worse shoulder and neck and rib pain today. Pain in tongue was also worse, experiencing severe exhaustion. Adult male has headache, sore throat, lip still swollen, ringing in left ear, abdominal pain, other family member has severe diarrhea, fever of 101.6, some nausea - also back, legs, and neck hurt.

Adult female at 2:30 pm has numbness in right thumb and first finger, also left thumb numb.

Adult female has depression and anxiety today. Other adult family female has been depressed for three weeks. Both adult female's feet fall asleep at night.

8 pm - 4 month old infant has swollen private area, and a red rash also in that area. Dark red with a circle on the side. - but is not complaining. Mother took photo of swelling and rash.

Three adult family members have serious sinus issues occurring simultaneously.

**Date of Complaint: 1-17-11**

Adult female woke up at night because both ankles above the heels itched very badly - then it felt like ants (bugs) were crawling all over me. My left cheek itched at the same time that my ankles itched. Both hands were asleep this a m, Last night, the tank (condensate) on the well pad hissed out spray and smelled strange. Adult male was outside when this happened. Next a m adult male had abdominal pain and diarrhea.

**Date of Complaint: 1-18-11**

Younger female adult had bad headache this morning, feels achy all over and weak... one elbow also hurts. Other younger female adult has pain in elbow.

Adult female experiences pain in elbow at 3:15 pm. - also experiences extreme exhaustion - can't work at all, breathing in chest feels weird, like lungs are having issues - heavy breathing

The smell from the well/tanks today was bad - noticed about 3:30 p m.

Three adults all noticed it. Then again, at 7:30 p m there was a noticeable bad odor from the well/tanks in the air.

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**Report Retrieved Form Tara Meixsell Notes**

**Date of Complaint:** Feb 20th 2011

**Location:** Pennsylvania

I live near two different well pads, the [REDACTED] well and the [REDACTED] well, as we call them.

The [REDACTED] well was drilled (the [REDACTED] well) in about 2007. Another well was drilled up the road, then [REDACTED] wells pad in \_\_\_\_\_. About two years ago another hole was drilled on the [REDACTED] pad.

Our visible troubles started when I came home from work 4 days after the [REDACTED] well was fracked for a second time and I washed out a baby bottle in the sink from tap water. The water was grayish and looked hazy. The next morning I flushed the toilet and the water was even darker grey, and each time I flushed again it got darker. We had no baseline water samples done before these wells were drilled and fracked. I called the DEP after our water went bad and I talked to [REDACTED], I feel she did absolutely nothing for us at all... Both the DEP and the company [REDACTED] did water tests. Both entities said that there was obviously a problem with the water, but they didn't know what it was...

[REDACTED] from the DEP took a cup of water from our faucet, the faucet was bucking and jerking. She took the glass of water out onto the porch and held a lighter to it. There was an explosive type action that blew the lighter out, and the surface of the water in the cup burned. Tests were done for methane on the air in the headspace of our water well; and



they were LEL tests (Lower Explosive Limit) tests. The tests came back at 100% methane, that is as high as the tests go for methane... The DEP did isotopic methane tests on the water, results came back at 58.6% micrograms per liter. That's what we were told is the maximum methane levels that water can be tested for. The O2 level in the water is 18.4, and the OSHA standard is 20.9 for O2. To this day my water burns when lit, and when the spigot is off it hisses and gurgles. [REDACTED] (the gas company) put a 20 foot high methane vent our water well in April of 2011. They also put a methane detector in our house, they put it in the closet in the bedroom by the pressure tank and the water heater. I did not want it there, but they would not move it. We also have a [REDACTED] pipeline running through our driveway. [REDACTED] drilling company tried to blame [REDACTED] for the methane contamination in our water. [REDACTED] did a 'sniffer tester' along the pipeline to detect any methane leakage and none was found. [REDACTED] then hired a company to do soil spikes around the pipeline to look for methane contamination in the soil. None were found. Then [REDACTED] gas company had a camera put down our water well to see if they could locate where the methane was bubbling in from. When you put your ear against the pipe on the water well, you can hear it gurgling/bubbling. The well is 301 ft deep and we cased it 40 ft. The odor from the water well stinks awfully; it is a skummy, rotten, nasty smell...

We also had a rash of animal deaths of many of our animals. Three and a half years ago, about in Nov 2008 we lost 4 horses in one week. The first horse we had had for only two weeks, then one day she was foaming at the mouth and then fell over dead. The vet could not diagnose it. A few days later, another horse was having severe hip problems. The horse was literally dragging it's legs along and the vet diagnosed it with muscular issues. The horses then went down, it's back legs were completely useless. Another horse went down; it was older, and the vet surmised it was old age related. The fourth horse was carrying a foal but wasn't going into labor - we had her induced, but the baby was so herniated it died. The vet could not explain this rash of horse deaths in such a short time period. We had the grain tested and it tested fine.

Around that time I was 8 months and 2 weeks pregnant. I went into early labor, had internal bleeding, and I lost the baby. We also had a number of pheasants, ducks, chickens, and turkeys that we were raising die. We raised them from hatchlings in the house on bottled water for the first 5 months, and they seemed fine. then after they got on the outside water, we lost all the foul within one to two weeks of them consuming the outside water. A few years ago we lost a pig also - the pig went from a 5 to 600 lb sow to about 100 lbs in 2 weeks - it was continually throwing up and it's eyes were sunken in it's head. It was horrible...

Myself and my son have had severe and strange rashes. I was breast feeding my baby and using house water for consumption and bathing. After I had the baby he had a rash all over his face - like blisters, then they scab off and were like holes, that were deep and had pus. We went to a dermatologist, but nothing was determined. They thought it was exima (sp), but I wasn't convinced. The rashes took 1 1/2 months to go away...

I call my house 'death row' I'm now getting water from other family members and hauling it. I can't keep this up- I go to the Laundromat and don't use the house water for anything anymore. [REDACTED] gas and oil company recently said they would give me a water buffalo and they would bring water for three months then leave us with the equipment, but not bring more water to fill it after 3 to 6 months - but in order for this to

happen we have to sign a document stating that they were not the cause of our problems. They said they would do this because they were trying to be 'good neighbors'...

Four other house right close by us have the same problems, and also have their wells vented for methane and have buffalos.

I have had saucer sized sores since Feb 2011 went our water from the house tap first visibly went bad. It is a red blister area the size of a coffee cu, then it breaks and leaves a cavity with discharge. I have one under each breast and one around my belly button. The infant has three on it's back. Since we stopped using the house water a few months ago they are getting better.

I am afraid to have friends over in fear of making them sick, plus I'm also embarrassed because the water from the toilets and sink stinks... I had to take my daughter to the hospital for nosebleeds that would not stop - they were torrential nosebleeds- the seat belts in the car are wrecked from them... after the nosebleeds she would then be nauseous and have bad headaches... The nosebleeds were very frequent, the school would call me when they happened at school. I had to send extra shirts for her to change into at school. When we stopped using and bathing in the house water about 2 1/2 months ago the nosebleeds subsided.

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## **WellWatch Complaint: 05-045-19108 complaint 0002**

### **URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** odors, health impacts

**API #:** 05-045-19108 complaint 0002

**Location:** -108.025199, 39.43317

39° 25' 59" N, 108° 1' 31" W

**Corrected Coordinates:** Latitude: 39.43317 Longitude: -108.025199

**Cause of Complaint:** facility

**Object of Complaint:** air, health

**Start Date of Complaint:** 2010/05/24

**End Date of Complaint:** 2011/03/03

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** WesternSlope

**Time of Submission:** 2011/3/3 10:25:43 PM

### **Detailed Explanation of the Complaint:**

On June 26th, 5 am, there were petroleum odors blowing in from the nearby well pad. Also on June 27th, and June 28th at 7:30 pm. I closed the windows in my house. I called the 'Community Counts' # that is posted on signs around here. I got [REDACTED] from [REDACTED]. He said he'd make a note of it and check it out.

On July 1st 2010 the petroleum odor started again, it went from 8:50 to 9:10 pm, then started again at 9:50 pm. I called Community Counts number, and I got a message with a dispatch number. I didn't call that, instead I called the local fire station here that is just down the road. I asked them to go outside and check the air, they said they couldn't smell it...

On July 2nd again I smelled the same petroleum odor, very early in the am.

On July 13th at 10 pm the odor were VERY STRONG - stronger than they had ever been before. It cleared out about 10:18 pm, the same time I called the Battlement Mesa Fire Department to alert them about it.

July 14th at 3 am the odors came back, and again at 5:10 am, and 8:25 am.

July 15th the odors were again very strong. I called the COGCC and left a message with [REDACTED]. He called back in the early am and said [REDACTED] was going by the rules, I also called [REDACTED] of the COGCC in Rifle and the Garfield County Gas and Oil liaison [REDACTED]. I also called the Co Dept of Health and Environment. July 16th the odors were very strong at about 2:05 am. I woke up from a dream - I had been dreaming that I was smelling petroleum - I woke up and closed the windows, and I pulled up the sheets over my face to block the smell. By 2:30 am it had diminished a bit.

At 4:05 am I woke again and felt light headed. By 8:25 am I had called 4 numbers - trying to get help. The only person I talked to was [REDACTED] of the Rifle COGCC office, and he said [REDACTED] was going by the rules - he thought the odors were cause by the fact that they were raising the up the drilling liquids at that time.

[REDACTED], a reporter from the local paper the Glenwood Springs Post Independent called re doing an article on the odor problem here.

July 21st, am there was a strong petroleum odor.

July 22nd, 2:15 to 2:30 am there was the same odor, but this time plus a strong diesel odor too

July 23rd, I don't know how long it was, I was asleep at 9:55 and I woke up and smelled petroleum odors until 10:08.

After the paper printed the article, the odor issue seemed to get better for a while.

Aug 5th, petroleum odor at 6:45

August 6th, 8 am diesel odor

Aug 9th 10:30 am diesel odor at the corner of 300 and 301 Rd, close to the Watson pad, there was a moderate wind coming from the East...

A new rig was up as of Sunday.

Aug 19, 2011 8:50 pm smelled diesel, had windows open, there were no trucks around

Aug 20th 6:45 I smelled a combination of diesel and petroleum

Aug 26th 8:10 pm - This time I noticed a very different odor coming from the east - it would waft and wane - not the usual odor... it was an agricultural odor - like mown hay and manure.. it came again at 8:55 pm

Au 27th 9:30 am [REDACTED] Pad/[REDACTED] had a flare going.

At 8:05 there had been unusual industrial type odors coming in.

At 9:20 pm still were industrial type odors, and the well was still flaring/being burned off

My eyes were burning, I used eye drops and made three calls - just got message machines

Aug 28th in the morning I was up walking near there, and met another lady who often walked near there. She had also been noticing odors.

Aug 28th [REDACTED] called me from the Rifle COGCC office and he said he had called [REDACTED] from [REDACTED] - I never heard back from either of them

Feb 9th, 2011 - had first nosebleed (had never had nosebleeds before, maybe once or twice in my life - )

Feb 10th, 2011 - had second nosebleed, it went on for over half an hr, I called the EMT's - they couldn't stop it, and then I was taken to the E R in Rifle. They put a balloon in my nose. That same night I went to the E R in Grand Junction with issues from the balloon in my nose. They wouldn't take the balloon out of my nose because they were afraid the bleeding wouldn't stop if they did

On Feb 14th 2011 I went back to the hospital and they took the balloon out of my nose.

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**WellWatch Complaint: 05-045-19728 complaint 0002**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** My son has been suffering skin rashes and bloody noses

**API #:** 05-045-19728 complaint 0002

**Location:** -107.648531, 39.570634

**Corrected Coordinates:** 39° 34' 14" N, 107° 38' 55" W Latitude: 39.570634 Longitude: -107.648531

**Cause of Complaint:** facility

**Object of Complaint:** water, air, right to quiet enjoyment, health

**Start Date of Complaint:** 2010/08/16

**End Date of Complaint:** 2010/12/05

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** [REDACTED], [REDACTED]

**Submitted by:** [REDACTED] LiesInCourtUnderOath

**Time of Submission:** 2010/12/6 12:01:30 AM

### **Detailed Explanation of the Complaint:**

I am uploading more pictures of the welty rashes by son has been experiencing since [REDACTED] started flaring two mammoth towers of flames, that stink to high heaven. His bloody nose bleeds are getting so bad, that we've been using tampons to stop the bleeding.

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### **Full Text of Dr. W [REDACTED] Letter**

**WellWatch Note Title:** physicians concerns for human health, chem exposure

**WellWatch Note Number:** 05-045-19728 Note 0003

**API #:** 05-045-19728

I am ashamed of \_(gas company name)\_\_\_\_\_ snail paced reply to my request for an urgent need of information on the MSDS's for Frac'ing chemicals. Fortunately, the 2 families in question left their homes on my advice. The concern that I had for the 17 year old (who did unfortunately die) was the potential immune dysfunction from exposure to toxic volatile compounds, including benzene, toluene, ethylbenzene, xylene from venting condensate tanks in the area. These gases are heavier than air and settle in low lying areas like river basins (where I understand, he lived close to) as well as one of the families that told me he lived in their vicinity. I have no connection to the 17 year old or his family otherwise I would have contacted the Health Department immediately.

Getting to some of the issues that you raised in your letter, one family had onset of illnesses that occurred after returning from vacation to find the flaming of Frac'ed gas - what you insinuate to be comparable to the natural gas burning in our homes. Their pictures of the flames showed a heavy blackened flame that I don't see coming off a natural gas stove. They also complained of a foul smell from the Frac'ed flames. Again, I don't remember any smell coming from a natural gas stove. Also, don't they put a chemical in natural gas to make the odor detectable in case of a leak? You stated that the flaming burns of "99% of the natural gas directed to it into CO<sub>2</sub>, CO (Carbon Monoxide). NO<sub>x</sub> (nitric oxides), and water vapor." Aren't Carbon Monoxide and Nitric oxides health threatening if not environmentally damaging? Also, if the gas immediately after Frac'ing

was pure enough for commercial use, why would they be burning it off as isn't commercial use their reason for drilling in the 1st place? Why would they burn off their profits? Also, wouldn't that leave these dangerous chemicals in levels greater than parts per million or at best at parts per billion? For a comparison- a part per million is equivalent to 4 drops of ink in a 55 gallon chemical barrel and parts per billion is like a pinch of salt in 10 TONS OF POTATO CHIPS, so are you convinced in your heart of hearts that a 99% burn is safe?

Next, my qualifications are in Family Practice, but I also have training through the American Academy of Environmental Medicine. I testified to the State House committee for the passage of the law to disclose the chemicals in Frac'ing. I had a patient then who was exposed to an unknown type of chemical exposure in a low lying area around a newly frac'ed well. She suffered from a variety of problems that were not present prior to that exposure. How could I help her if I didn't know what she was exposed to? Hence the passage of the law to help all of us who might get exposed.

You ask what testing was performed on any indoor or ambient air in or around their homes. How can I test for something that I don't know their being exposed to when \_\_\_(gas company)\_\_\_ won't disclose that information? I hopefully was misinformed by the family living close to the river by the venting condensate tanks about 200 yards from their front door. As they were told by an employee of the Garfield County Health Department that measured the benzene levels at 200,000 parts per million!!!!!! They said he would never testify to that figure, and again I hope that they mistakenly told that number despite their asking if they correct on it over again. You may be aware that worker's Maximum Contamination Level (MCL) to benzene is 1 part per million. Outdoor ambient air levels around gas stations are about 6 micrograms per cubic meter (mcg/m<sup>3</sup>).

What were there symptoms? One family's oldest son had an unexplained red raised rash like hives after being exposed to the flaming frac'ing gas. He previously had no reported history of similar rashes. The father and younger son developed nose bleeds for no apparent reason, again after the exposure not before. The mother had fatigue and headaches not to the degree pre-exposure. Yes, these symptoms could be related to a long differential diagnosis, but this list of vague symptoms have all been attributed to volatile toxic gases like benzene, toluene, ethylbenzene, and xylene from the gas frac'ing again, starting after exposure. I was taught in medical school - if you hear hoof beats think of horses not zebras, but this is an exotic extreme, so I thought of the worse case scenario, and thought zebras - before the horse was out of the barn at full gallop. It is always best to be safe than sorry, I told those families's to leave to avoid further health damage until I learned what they were exposed to, but I'm still waiting for an answer from \_\_\_(gas company)\_\_\_ . The other family has a wide range of symptoms: unexplained flu-like symptoms - headaches, body aches, fatigue, dizziness, emotional spells for no apparent reason, gastrointestinal symptoms - nausea, lack of appetite, etc. Again, from an otherwise healthy family that didn't need to see a doctor very often. I visited the home of the second family days after the high benzene reading, and developed an unexplained headache. I was chemically injured in medical school from formaldehyde outgassing from cadavers. So I recognize how chemicals could cause symptoms otherwise

unexplained. The headache went away after getting to Palisade without any medications. Since then, I have been having headaches for no reason - once chemically injured - always chemically susceptible.

If you could get \_\_ (gas company) \_\_\_\_\_ to disclose their Frac'ing chemicals, I could help these families's and potentially other families in the future. Do you want to have it on your conscious that you didn't do what was right? Also, if I can get permission from the families to give their exact locations other than Silt and Peach Valley environs, then I would like their pre-drilling testing of the water results, so I could analyze any changes pre to post drilling. I will contact the CO Oil and Gas Commission as well as contact the Endocrine Disruption Exchange and the Western Colorado Congress with this information.

Sincerely, [REDACTED] MD

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**WellWatch Complaint: 05-045-09122 complaint 0002**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** venting tank - foul odor facility air, human and livestock heath

**API #:** 05-045-09122

**Location:** -107.72293, 39.45382 39° 27' 14" N, 107° 43' 23" W

**Corrected Coordinates:** Latitude: 39.45382 Longitude: -107.72293

**Cause of Complaint**

**Object of Complaint**

**Start Date of Complaint:** 2011/01/15

**End Date of Complaint:** 2011/01/16

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** [REDACTED]

**Time of Submission:** 2011/1/16 10:02:24 PM

**Detailed Explanation of the Complaint:**

Landowner was driving near well pad and stopped the vehicle to get out and open a farm gate. Landowner immediate smelled a strong gas (noxious)odor, and heard and noticed that the pressure vent on the top of the condensate tank was releasing gas from the well about 25 yards away. The gas was venting from the pressure vent on top of the condensate tank. (This was different than the inspection lid that had been left open about a week earlier on the same condensate tank.) There was noise associated with the venting gas, was similar to the sound of 'a busted air hose'. The landowner states that if the condensate tank had either a secondary burner or a reclaim unit, then this gas venting it strait out, and a reclaim unit would capture the product and put it into the pipeline, thereby would not have to be released into the air and breathed. A secondary burner

would burn of the gas instead of In 2003 the landowner asked [REDACTED] from the [REDACTED] Office why his properties well, and other nearby reducing waste, reducing air pollution, reducing health impacts, and increasing profits for the mineral owners. wells had nor afterburners/secondary burners (or reclaimers). [REDACTED] told the landowner that 'he'd look into it...' When the landowner asked some of the subcontractors the same question, he was told that due to the 'sparse population' of the area in which these wells were located, afterburners/secondary burners (or reclaimers) were not necessary. The landowner feels that regardless of the population density, secondary burners or reclaimers are necessary for proper health and environmental reasons. Why should a more rural landowner get weaker regulations for protective infrastructure on the wells at his or her home than a landowner in a more densely populated area? Are their lives and health and well being less important that the health of those in more densely populated areas?

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### **Complaints Retrieved from Tara Meixsell Notes:**

Ron Gulla's notes on WellWatch were based on a letter he submitted to the Environmental Protection Agency, and have been republished elsewhere.

I, Ron Gulla, 29 Gulla Lane, Hickory, Pennsylvania, an individual with six years past work experience in the oil and gas industry, thought I understood the business; but I was wrong and therefore deceived along with everyone else. When landowners and I signed our leases in 2002, no one knew of any exemptions (ex. exempt from Safe Drinking Water Act). When the exemptions went into place in 2005 property owners with leases should have been informed. If I had known, I would never have signed a lease. The leases should have been rewritten or even voided.

All deceit began with the leases. [REDACTED], Consultant for [REDACTED] wrote and gathered the leases and made money as the "middle man." This was a conflict of interest as he works for the PA Game Commission and is privy to information. He also promoted himself as a consultant for the people but whenever I or anyone else called upon him in this capacity he didn't return calls or when he did he didn't accomplish anything. No one was impressed with him or his efforts.

Mt. Pleasant Township saw the beginning of horizontal drilling (Marcellus Shale) in 2005. We (landowners) were never informed of this form of drilling, until we saw it happening all around us. No one was made aware of this at the time of lease signing.

I witnessed so many issues that I was unfamiliar with, even with my background experience ( ex. storm water control: they turned the 2.5 acre pond on my property into their sediment pond). Whenever I questioned these issues and practices, [REDACTED] and DEP personnel were extremely rude and unaccommodating. [REDACTED] operates on intimidation. They have intimidated everyone and have taken advantage of this rural area. I thought the DEP was going to help.

The following are issues and experiences on my property and how they were handled by the DEP:

February, 2006

I met [REDACTED] of the DEP on my farm. [REDACTED] was doing his inspection from his vehicle. While standing in mud I told him of the problems, past and current:



1. Equipment operators, service rig hands, and others expelled feces on my property numerous times. At one point I was cleaning up garbage left behind by Universal crew people. 8 ft away from my garage building I picked up paper that I discovered had fecal matter after it got on my hands. Other property owners complain of the same.
2. Silt run off, lack of silt fences on [REDACTED] #1 and #3, and the existing silt fences were flattened down.
3. Mill slag dumped on the property.
4. Location roads were not seeded, limed and fertilized.
5. Lack of soil and erosion plan in place.
6. Water and mud was running from the location of [REDACTED] #3, down the location road, down the stream and directly into the pond. The silt was very deep,

(1)

approximately 20 inches deep on the location road. I said that the fish in the pond would die due to the extreme soil run off and pollution coming from drilling location # 3. (SR) made no comment to this.

7. Water ran down to the house by way of location road off [REDACTED] #1. The asphalt driveway is now washed out and well water muddy when it rained.

[REDACTED] agreed that the location road was a real mess and difficult to drive through. [REDACTED] complained to me that he was over worked and the DEP was under staffed. [REDACTED] said he would look into these problems, yet the results and his efforts were appalling.

July, 2006

All the vegetation in the 2.5 acre pond died. Even the cattails turned yellow and died. While fishing, a friend and his daughter noticed the devastation. I observed that the color of the pond water wasn't right. The pond water turned dark and black. Then the bottom of the stream, that comes from the pond overflow, looked like black velvet. It covered the whole bottom of the stream. I showed this to DEP and [REDACTED] personnel. No one had any answers for me.

Walked and tracked water influence, as far as the golf course, to look for causes.

On location site [REDACTED] #3 and #6 I saw blackish water coming from the toe of the locations. The water was running directly into the pond. The water in the flow pits on #6 was leaking and the flow pits remained full for several weeks before they were pumped out. Called a [REDACTED] personnel to ask what they did to the pond and asked if they tested the pond water. The response was "what are we going to compare it to." He told me then that they didn't do a pre-drilling water test of the pond. A water test should have been done as a baseline since the pond is approximately 300 yd. from a well site. He did admit that he thought the liner leaked.

The locations for #3 and #6 were never keyed in either. I told [REDACTED] about all of these issues when he returned to work, but again to no avail. When the pond became contaminated I called the DEP [REDACTED] was [REDACTED]'s replacement while [REDACTED] was recovering from a heart attack. I walked around the pond with [REDACTED] and told him how disgusted I was about my property being destroyed and not getting any relief. I

met with [REDACTED] several times on the farm after the pond incident. He told me he couldn't determine where the contamination was coming from. He did tell me that my farm "was a text book case of what not to do." He said that he had an album full of photos of my farm of which the DEP reviews in their meetings. [REDACTED] also said that my name has been brought up numerous times during DEP meetings. He agreed with me that the roads and locations were poorly constructed. Every time it rained locations # 3 and #6 slid down the hill and into the field causing extreme erosion. The poor construction of these locations also caused a circle failure in the field, which still stands to this day. I showed [REDACTED] where acid from [REDACTED] Frac trucks spilled all around the property.

September 2006

pond water sampled by [REDACTED] DEP

Jan 2007

Received letter by mail from [REDACTED] which states that the pond contamination did not result from drilling practices.

May 2007

There was a fish kill in the pond from all the silt and contamination. Up to this point I had gone to [REDACTED] Twp Supervisors and the local agriculture extension office to complain. Everywhere I went I was told the same thing: "call the DEP."

July 2007

Spoke with [REDACTED]. I was on [REDACTED] #9 taking pictures of the mess after [REDACTED] drilling moved out their rig. [REDACTED] happened to drive onto the location. I spoke to him about the letter I had received regarding the pond. [REDACTED] typed the letter and it stated that the pond contamination wasn't the result of the drilling practice. I felt that I needed to get to the bottom of this situation and I told him that I wasn't going to be insulted or lied to anymore. ([REDACTED]) tested the water but wouldn't test the mud at the bottom of the pond. I told ([REDACTED]) that whatever had contaminated the pond would be at the bottom. ([REDACTED]) said that he was not authorized to get a mud sample. ([REDACTED]) seemed very nervous and said that the letter was written under the direction of his boss. After I told ([REDACTED]) that I want a meeting with his boss, he said he would organize such a meeting. This meeting never occurred. This was the last time I spoke to ([REDACTED]).

August 2007

While [REDACTED] #9 was being frac'd there were approx. 15 frac tanks parked alongside the stream. They had been backed in off the driveway. One day my mother and I noticed fluid coming out of a pipe as we drove up the driveway in the vehicle. Someone had unscrewed the plug at the end of the flow pipe on a tank. What my mother and I witnessed was the back flow from [REDACTED] #9 running out of the tank and directly onto the soil and into the stream. I guess this is where the exemption of the Clean Water Act comes into play. I called ([REDACTED]) on his cell phone number and left a message. I called again for 2 days and left

messages with no return call. I found out later that he had died, but I was unaware at this time. I called ( ) on his cell phone but with no response. Found out later that his phone had been stolen and that it took 8 weeks for him to get a new phone.

September 2007

I spoke with ( ) when he brought ( )'s replacement, ( ) out to the farm and introduced us. This is when I learned of ( )'s death and of ( )'s stolen cell. When ( ) arrived with ( ), ( ) said to ( ) "wait until you see this place" and after this there is another location messed up on ( ) #5 at ( )'s farm. (This is where ( ) #5 spilled fluid from flow pits into a stream that flows into a neighboring property. DEP didn't help with this situation either). ( ), ( ) and I walked around the pond and up the location road to # 3 and 6. ( ) said to me that these are the worst group of people he has seen in the oil and gas field. I agreed that this was the worst nightmare I have ever experienced and that my property and family have not been respected. I have never had so many lies told by so many people. ( ) just shook his head while walking around and observing all the problems. He saw where the pipeline crew threw garbage in pipe ditches. I told ( ) that I couldn't get any relief from ( ). ( ) said that he would help me as much as he could. At this point ( ) informed me of the background of ( ). He said that ( ) was a convicted murderer with a nickname of " ".

I called ( ) several times following this meeting due to continuing problems on the property. ( ) said that there were so many problems created by ( ) contractors that he had a difficulty time keeping up with all the phone calls. All the problems on my property are still existing to this day. The pond vegetation has never grown back since it was contaminated. Garbage was buried on location #6, by a contractor. Why should my farm be treated like a landfill? Also, ( ) pumped contaminated water from my pond to a neighboring pond for fracing purposes. The DEP told a concerned neighbor that the water was being pumped into a plastic lined pond. This was not true. So many issues with no resolution. What was going on? My property, pond and life have been destroyed. It's outrageous that someone can come onto your property and do all this destruction. There have been so many instances of insult to the property and me, personally. One includes a break-in of the garage with the removal and destruction of my equipment by a rig hand.

My wife and I are currently in litigation with ( ) because of these lies. We were deceived and baited with a different piece of property in Hickory, Pennsylvania. Obtaining legal representation has been difficult and not without trials and tribulations. When I retained ( ), attorneys at law, Pittsburgh, Pa over these matters, I was treated rudely, unprofessionally, overcharged and lied to numerous times. After my assigned attorney left the firm ( to work for an Oil and Gas Co.), I was badgered by the replacement. I was told that I didn't stand a chance against ( ). Overall, they didn't represent me as a client as they should have done. Additionally, during a meeting I

learned that [REDACTED], attorneys at law, was personal friends with [REDACTED]'s attorney, [REDACTED]. I am quite sure that this influenced how the firm treated me.

Once the case went to court, it was assigned to Judge [REDACTED], Washington County, Pa. I wanted this judge to be recused off my case and/or felt that he should recuse himself due to a conflict of interest. The reason for this is that in the late 1980's [REDACTED] was involved with my grandparents' estate, as an attorney. During that time he came onto the property more than once with a pistol in a shoulder holster, while in my presence.

Overall, I could never understand what was going on. Nothing was getting resolved and I was puzzled and frustrated. After learning of the exemptions the puzzle all came together and many questions were answered. Questions of how I couldn't get help, relief, support from attorneys, DEP, [REDACTED] personnel and even judges. Learned that [REDACTED], of the DEP, went to work directly for [REDACTED]. How do you as a landowner stand a chance legally when the industry wrote the Oil and Gas Act? And yet, the burden of proof is upon the individual landowner against the powerful company. The industry is polluting our air, land and water. I knew that one day other problems would surface and now it is beginning. There are many issues to speak of, but the most important is that water wells are now contaminated.

Deborah Goldberg, Managing Attorney from Earthjustice has visited and toured the community. She was appalled at what she saw.

The corruption and lies are out of hand. There are many other situations other than mine. There are other unhappy property owners who have experienced the corruption and lies and cannot get relief. Our local township officials have been lied to by [REDACTED] and [REDACTED] from the very beginning. [REDACTED] is "lining pockets" every step of the way. A local representative has received monetary contribution. It is getting out of hand. They throw money around to convince all that it is safe, when in truth it is not. Evidence is around to prove it. Trying to seek legal help and representation is impossible. No one wants to help or fight.

We need help as soon as possible. Our children are exposed to danger. Their health, home, and the water they bathe in is jeopardized. Our children, our future, our country are at risk. Where will we be without water and air?

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### **WellWatch Complaint: 05-045-14138 complaint 0005**

#### **URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** continued illnesses at contamination site

**API #:** 05-045-14138

**Location:** -107.699358, 39.535899

**Corrected Coordinates:** 39° 32' 9" N, 107° 41' 58" W Latitude: 39.535899 Longitude: -107.699358

**Cause of Complaint:** facility

**Object of Complaint:** air quality, human and livestock health

**Start Date of Complaint:** 2011/02/18

**End Date of Complaint:** 2011/02/20  
**Is the Problem Recurring:** Yes  
**Companies Involved:** [REDACTED]  
**Employees Involved:** n/a  
**Submitted by:** Homeland  
**Time of Submission:** 01:07:39 AM 2011/2/20

**Detailed Explanation of the Complaint:**

On the night of 2/18/2011 the employee working the disbursement and pump station at the site of the contamination became ill (she was the replacement employee after the other employee got ill with similar symptoms a day or so before). The new employee suffered burning nose and sinuses, swelling in the tongue, burning in the mouth, that then pushes down in their lungs, 'they couldn't barely breathe' - lost voices, unable to speak, similar to laryngitis - also lips went numb. Employee called a friend, was taken to [REDACTED] Hospital, and Dr's had no diagnosis. Dog was vomiting 'his guts out' at the site, and after the humans left the hospital they took the dog to a vet clinic, where the dog was tested and his ph tested at 9 --- the vet was concerned. Today, 2-19-2011, calls went in for more emergency offices to call the numbers were given for the Rifle office of the COGCC which has an emergency #, plus numbers were given for the Colorado Department of Public Health and Environment. These numbers were given through a second party to the afflicted workers. These numbers were pulled off the MIT Garfield County page, under the Emergency Contact information. These numbers are not in the local phone books to the best of our knowledge. The Dr at the hospital could not diagnose the illness of the patient brought in. The name of the disbursement used on that site by the Colorado river is "Micro Blast" according to name plates. The employees on the site say when their illness symptom were ongoing the fumes were coming out of a certain location - hole # one...

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**WellWatch Complaint: 05-045-14138 complaint 0006**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** more symptoms at contamination site

**API #:** 05-045-14138

**Location:** -107.699358, 39.535899

**Corrected Coordinates:** 39° 32' 9" N, 107° 41' 58" W Latitude: 39.535899 Longitude: -107.699358

**Cause of Complaint:** facility

**Object of Complaint:** air, water, health

**Start Date of Complaint:** 2011/02/17

**End Date of Complaint:** 2011/02/22

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** Homeland

**Time of Submission:** 2011/2/22 11:17:18 PM

**Detailed Explanation of the Complaint:**

Individual working at contamination pumping clean up site was given a Dr release to return to work on 2/24/2010 - the diagnosis of the illness was acute sinus infection. The individual who went to the Dr on 2/17/2010 began experiencing further symptoms just recently (2/21/2010, 2/22/2010). These symptoms include: rashes and blisters on arms, and burning bowel movements. Preliminary investigations into the materials contained in the 'Micro Blast' dispersement chemical mix seem to indicate that 2 companies make this type of product. One company uses a granular mix that reportedly contains the chemical '2BE' - this company is based in South Africa. Another company in the U S makes a liquid dispersement mix. At this time it is unknown which type of dispersement was used at the gravel pit location, but the symptoms endured recently by the individual are similar to what occurs after exposure to 2BE (reportedly).

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**Url:**

<http://web.archive.org/web/20110508050536/http://scrapper.media.mit.edu/wiki/Talk:WellWatch#column-one>

WellWatch Report made by Gas Patch Employee [REDACTED]

Hello: My name is [REDACTED], I AM married to \_\_\_\_\_ and we live in Garfield County, Colorado. There are over 10,000 active CH4 (methane) gas wells inside Garfield County, Colorado.

I spent one full year working on these CH4 wells. I was employed by [REDACTED] a Canadian company and I worked on a "swabbing rig". We were not part of the exploration (drilling). We serviced existing and producing natural gas wells. A swabbing rig is a "workover-rig" and our purpose was to remove water from the well that had stopped the flow of natural gas in a producing well. It turns out that the water we were removing was residual "fracing" water and we were never informed of the benzene and other chemicals that exist in this "production water".

In March of 2008, my swabbing rig was working on a well site where the gas company had reused the same "fracing" fluids in an attempt to save money. The problem with that is the reusing of "fracing" fluids causes the manifestation of H2S, (Hydrogen Sulfide Gas) which, in doses above 50 ppm for 30 minutes is deadly. My co-worker died and I spent three months in workers-comp recovery. My employer and the billion dollar energy company basically lied and covered-up their gross negligence in ordering my co-worker and I to expose ourselves to the deadly H2S without proper safety equipment, such as supplied-air-respirators. Federal OSHA fined my employer. I blew the whistle to OSHA and was fired for doing so. My whistleblower case with OSHA is still pending and I have been black-balled from the industry.

That said, I do want to bring to your attention a very deadly practice that is taking place

on every "fracing" job site. "Fracing" uses silica sand in the "fracing mix". The truck drivers, pulling "sand-cans" (box-car-size-trailers) full of silica sand arrive at the well site and using high pressure pumps unload from the "sand-cans" the silica sand into the "fracing tanks". During this process there is created a silica sand dust cloud that is much more dangerous than asbestos. Just as cut glass will lacerate the flesh of your arm, this silica sand dust is an airborne particulate, that when breathed into the lungs will cause lung damage that is a quicker death than asbestos exposure and extremely painful for the victim.

I informed Federal OSHA of this danger to Americans but nothing has happened from OSHA yet.

Therefore, I am informing you folks. The gas drilling industry has an expression: "WELL-FIELD-TRASH". The corporate officers of the natural gas industry considers all of their well workers to be "TRASH". The worker safety-protection measures on these gas well sites is non-existent.

Pass the word about the silica sand dust these Americans are breathing.

██████████

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### **WellWatch Complaint: 05-045-19728 complaint 0001**

#### **URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** Our Water Smells Like Rotten Eggs!!!!

**API #:** 05-045-19728

**Location:** -107.648531, 39.570634

**Corrected Coordinates:** 39° 34' 14" N, 107° 38' 55" W Latitude: 39.570634 Longitude: -107.648531

**Cause of Complaint:** facility

**Object of Complaint:** We have started hauling water, as ours smells like rotten eggs.

**Start Date of Complaint:** 2010/11/29

**End Date of Complaint:** 2010/12/05

**Is the Problem Recurring:** Yes

**Companies Involved:** ██████████

**Employees Involved:** ██████████ said he wouldn't help us protect our water.

**Submitted by:** ██████████ LiesInCourtUnderOath

**Time of Submission:** 2010/12/5 11:46:29 PM

#### **Detailed Explanation of the Complaint:**

Back in the first week of August, 2010, when we saw the paddock behind us being destroyed, we called ██████████ and asked them to help us protect our water, before drilling commenced. I spoke with ██████████ and he told me in no uncertain terms, that they don't help people protect their water, and that's not the business they're in. They did, however have Olson and Associates test our water, the first week of August. We also had

a company out of Oregon test our water the same week. Both tests came back saying that we had brilliant water. Well all of a sudden on Monday October 29th, we walk into our house, and it stinks of rotten eggs, badly! I wasn't at all thinking it was the water, I thought it was some sort of leak, but then we don't use any gas. So my husband turns on the cold faucet in the kitchen to start washing some Swiss Chard, OMG!! The stench was so strong, that I told him to turn it off, and get out of the kitchen. The hot water smelled just as bad. It was too late to call anyone, so I sent out an email, and a fellow RSPN Alliance friend told me to call [REDACTED], and the COGCC. Well, [REDACTED] was great, she actually called [REDACTED] at the COGCC, and they both dropped everything to come to our place and test the water. They were here for about four hours, answering our questions and testing the well water. The test will be back in about 4 weeks. [REDACTED] smelled the hot tap when it was running, and said she could smell the rotten egg smell. We had already purchased a 3500 gallon cistern for our water to be hauled, and pumped into. We outlayed the cost to buy a trailer, the 3500 gallon cistern, a 2500 gallon cistern that's on the truck, the pump, hoses, and hiring a plumber to install it into our home. As soon as we switched the water over, on Friday December 3rd, and flushed out the well water, the smell was completely gone. This leads us to ponder, if it was bacteria in the pipes, or hot water cylinder, the smell would still be there. So we are looking forward to seeing the test results. I'm uploading three pictures, one of our sign, a sign of things to come, perhaps, a photo of our cistern, and a photo of the filter from the water tank.

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### **WellWatch Complaint: 05-045-15639 complaint 0003**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** fumes create illness

**API #:** 05-045-15639

**Location:** -107.639661, 39.486641

**Corrected Coordinates:** 39° 29' 12" N, 107° 38' 23" W Latitude: 39.486641 Longitude: -107.639661

**Cause of Complaint:** facility

**Object of Complaint:** air quality, human and livestock health

**Start Date of Complaint:** 2011/01/24

**End Date of Complaint:** 2011/01/24

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** [REDACTED]

**Time of Submission:** 2011/1/29 05:10:40 PM

### **Detailed Explanation of the Complaint**

I went to the location and met with a group in front of a well pad by a residents home, we were about 300 feet or less from the wellpad that is just off the road. The fumes being emitted from the tank (and afterburner) were visible (wavy distortion lines going up into



the air). The chimney was making a ping-ping rhythmic noise as the metal was heated and the air was cold. I have an extremely compromised sense of smell, and did not detect fume odors at that time although another chemically sensitive individual who has had over exposure to fumes did smell odors immediately after arriving at the location. When the NY Times interview ended about an hour later, I drove home (15 min drive). After getting home I experienced an intense headache, and my sinuses completely plugged up. That night at 2 a.m. I woke up coughing and felt unable to breathe. I had an excruciating headache, I took Afrin to attempt to relieve the symptoms - when I blew my nose there was no colored or thick discharge, just a watery run off and blood on the tissue each time I blew. My respiration problems continued to be severe. I would lose my breathe just walking from room to room in my house (15 ft or so). Doing the smallest physically exerting chore (throwing half a bale of hay to the horses (40 lbs) would leave me totally winded... I had to sit and rest about 5 minutes before feeding the next horse. My coughing fits continued, every time I coughed I felt like my head was blowing off/ the fits lasted from 5 to 15 minutes. The first day I coughed about every 30 minutes. They were worst in the middle of the night when I was trying to sleep (in a chair - where I had to sleep due to severe body pain that prevents me from sleeping lying down-I've been this way for years...) The second day after the exposure the fits were not as frequent. By the 4th day (every 3 to 4 hrs), by today, the 5th day after the exposure I have had 2 coughing fits as of mid-day. When I have these fits it feels like I'm not getting any air in my lungs, and it is much worse after any exertion. I also experienced body cramps all over after my exposure to the fumes, plus back pain, and Tuesday (the day after the exposure) my right foot swelled up, it went down by Wed a.m. My headache was severe for four days after the exposure, it is receding more on the fifth day (today) after the exposure. I have lived in heavily drilled gas fields for many years, and the wells around and on my families ranch are old and lack afterburners. I am constantly sick and can't work and have poor physical overall health. Exposure to emissions and fumes often has this effect on me. It is hard to judge my exposure level because I have lost most of my sense of smell.

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**WellWatch Complaint: 05-045-15639 complaint 0002**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** odor issue, gas release, illness

**API #:** 05-045-15639

**Location:** -107.639661, 39.486641

**Corrected Coordinates:** 39° 29' 12" N, 107° 38' 23" W Latitude: 39.486641 Longitude: -107.639661

**Cause of Complaint:** facility

**Object of Complaint:** air quality, human and livestock health

**Start Date of Complaint:** 2011/01/24

**End Date of Complaint:** 2011/01/24

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** Dryhollow

**Time of Submission:** 2011/1/26 07:35:35 PM

### **Detailed Explanation of the Complaint**

Here is my report on my illness after the visit with everyone across from the condensate tanks by [REDACTED] property. Here goes: I went to the [REDACTED] property to meet with the New York Times reporter and many of the landowners who have been inundated by the gas wells and the fracking. Across the road were condensate tanks. The well pad and condensate tanks are roughly 350 feet from the [REDACTED]'s front door, and we were standing closer than that to the pad by about 30 feet, we were in the front driveway close to the road. (Note: [REDACTED] Company owns over 200 acres at that location where that pad is - but for some reason they felt the need to put the well pad as close as they possibly could have to the front door of my neighbors home. The nearby neighbors speculate as to why the company was so thoughtless as to do such a thing to these landowners... When they had such a large property on which to drill and locate their well The smell started immediately when I got out of the car. I tried to cover my face to not inhale the horrible caustic fumes. But it did not work. ...(Intermittent emissions/wavy lines in the air effect were visible, and the black stack emitting the fumes was ticking - due to the heat of the metal stack reacting with the quite cold winter air that day) I came home after an hour or so and was very ill. I had so much pain in my lungs and became very light headed. By the time I went to bed I couldn't breath and the pain became more intense. I was also coughing continuously. My husband has sleep apnea and sleeps with oxygen so he gave me his oxygen and in a half an hour the pain finally subsided some and the coughing stopped. I was very lucky that my husband told me to use his oxygen because I would not have slept last night. This morning I was still very weak and having problems breathing. With the chemical poisonings I got from living around the gas rigs all around our home for the last six years or so I am so susceptible to all chemicals. But especially fumes from the chemicals that the gas companies use in their fracking work. I will not be able to go to anymore meetings around the areas of gas company facilities as it is too dangerous for my health and it takes me as my husband says "for an hour or so of visit you are sick for three days after". He tells the truth. I will now have to visit my acupuncturist to get cleansed just so I can be comfortable again. Thank God for him. He has helped me to continue to live with some comfort and able to walk without a cane. I have edured huge health impacts, including passing out numerous times, once when my home was surround by fumes from the frack pit or well or both, unable to live in my own home for 8 months due to the inability to function and stand the fume filled air - had condensate blow up in my front yard - emitting massive amounts of fumes and 250 ft plus inferno of chemicals on fire, I have been hospitalized due to illness after these large fume exposures... More reports will have to be done later, there is way too much to tell now...

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**WellWatch Complaint: 05-045-10818 complaint 0001**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** fumes, illness

**API #:** 05-045-10818

**Location:** -107.649112, 39.485631

**Corrected Coordinates:** 39° 29' 8" N, 107° 38' 57" W Latitude: 39.485631 Longitude: -107.649112

**Cause of Complaint:** facility

**Object of Complaint:** air, pets

**Start Date of Complaint:** 2005/09/03

**End Date of Complaint:** 2011/02/21

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** NA

**Submitted by:** Dryhollow

**Time of Submission:** 2011/2/21 07:32:33 PM

**Detailed Explanation of the Complaint:**

We arrived from [REDACTED] after our 50th wedding anniversary and there it was the most horrendous thing, the gas rig 700 feet from our home. When we drove up in our yard we noticed a plum of grey smoke hanging in our deck. We ran for the porch and tried to get in the door before the fumes got into our home. The smell of benezene and other chemicals were so strong. Little did we know that the fumes had gotten into our home already while we were gone. After being in our home for 15 minutes I passed out and my husband called my son-in-law to come and get me out of there. He took me to their home. While there I could not walk because of the disorientation. I had headaches and dizzy spells. I had to have help to walk around. I kept trying to go home but I would immediately get sick or pass out when I arrived. Sometimes not even gettin out of the car. I called so many people with the government and gas company for help. The senator's office stated that the landowners had to rights and no laws were in place in Colorado. The federal government was in charge. I thought how can that be and I also did not know of others what kind of tests to perform. I tried accupuncture but that did not really do much. It helped a little bit with the dizziness. Finally I did get hold of a gentlement with [REDACTED] in Denver and he said that they would put us up in a motel or get a rental house. But I had to do the work. I stayed at my daughters for 8 months and tried to find living places but motel was all full with workers of gas companies and rental houses were not available around our area and that is where we worked and went to school. I had 7 grandchildren living with in our two homes and they couldn't go out and play and became very ill with asthma etc. When our son and his family of 6 moved to California the illnesses after 6 months there went away and they became healthy. The man from [REDACTED] stated that they would let me know when the fracing was done and then they would clean our home and vents so I could move back in to our home. They would not pay for the medicals bills as their attorneys said they could not it would show guilt on their part. I felt like a person on an island, deserted at that, and no one really cared. I had no rights... The sad part is that it took our lives away and we could not enjoy our lovely home and land anymore. Our dogs would not even go outside. We bought the property for retirement it had 300 head of elk and 100 head of deer wintering on it. After the first year of the rigs around out home there were maybe 50 elk and 10 deer. I know all the

stories that the gas companies use like it does not cause any problems and any problems we have it is our burden of proof to prove that the illnesses and air and water problems had nothing to do with the gas companies.

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**WellWatch Complaint: 37-019-21792 complaint 0001**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** my water turned black and smells rotten

**API #:** 37-019-21792

**Location:** -80.0340500039, 40.8426499966

**Corrected Coordinates:** 40° 50' 34" N, 80° 2' 3" W

**Cause of Complaint:** facility

**Object of Complaint:** water, land, health

**Start Date of Complaint:** 2011/08/02

**End Date of Complaint:** 2011/08/02

**Is the Problem Recurring:** Yes

**Companies Involved:** ██████████

**Employees Involved:** n/a

**Submitted by:** Black

**Time of Submission:** 2011/8/2 04:04:51 PM

**Detailed Explanation of the Complaint**

End of Feb, 2011 we noticed that while taking a shower our water was black in color and smelled (rotten smell...). Even when my partner was showering and I was in bed in a different room I could smell the stench. Within a day we noticed that the cold water had the same smell and it was more grey in color. We began flushing the hot water tank weekly due to the black stinking water - (we have pictures). It was getting worse and worse - plus it was still in the cold water, from Feb 2011 through June 2011. I did not bathe my child in the house water, I took her elsewhere to bathe her. The dogs would not even drink the water, they drank from muddy puddles and walked away from the tap water in their bowl. In mid June 2011 I called a water drilling company and told them about the water problems and also mentioned that the two gas wells had recently gone in about the same time our water went bad. The drilling company was ██████████.

In April 2011 ██████████ came and tested my water well and several neighbor water wells - it seemed to be protocol... After calling the company, I finally got the water report back in July from the April 2011 test. At that time there was no arsenic or ammonia in our water well re that report. In late June I was advised to call ██████████, by the water well people who came to look at our ruined water well. By June 30th 2011 the company (██████████) delivered a water buffalo to us - it was brought by Environmental Lab Services that were sub contracted by ██████████. First I called our Township, then they told me to call ██████████ and talk to \_\_\_\_\_. I contacted the DEP the second week of July

with a formal complain re our ruined water. A neighbor of ours who also now had black smelly water also called the DEP. The way our water buffalo is set up, with the pump from my domestic water well now in the buffalo, doesn't allow for testing of my water well by DEP is what I was told. About the second week of July the DEP came to our house and said they couldn't test our water but they were testing my neighbors water, and they said they would tell me his results. My neighbor said there was methane present in his water test, now in larger quantities after the second test by [REDACTED] and the July test by the DEP. Basically, since the first test in April, to the second in June and the third test in July, the methane readings keep spiking. Their well water has now been tested a fourth time. At my house there is 300 foot of pipe and a 220 electrical line (like an extension cord) laying on the ground in my yard. If a lawn mower hits it someone would be in serious trouble... The electrical line and pipe goes from my garage to the water buffalo. I am calling [REDACTED] to get this addressed... July 18, 2011 I called [REDACTED] for the water test results. He said the water was fine, and the contamination was due to natural occurrences, 'from surface water and too much rain...'. He then said 'I'm being a good neighbor by providing you with water' re the buffalo...; I called my State Rep on 7/19/2011, and spoke with his assistant Brian Ellis re the water problems. He said I was doing a good job by contacting the DEP. That day I also called the water well company back and they said they did not think that the contamination was naturally occurring. In their opinion the surface water would not have reached 300 ft underground to the depth of our water well. He also said that the water well people should not have pulled the pump from our water well and put it into the buffalo due to contamination issues. (Let alone the fact that that is the reason the DEP says they can't test our water well now...) On 7/19/2011 I called [REDACTED] and again asked them for my July water test result - I left a message. Since 7/19/2011 I've been on the phone with different entities including Marcellus Outreach trying to get advice and assistance. I spoke to a chemist in late July and I showed him my test results. In late July [REDACTED] had two men come out and they delivered the April and July water test results. - after I spoke with a man named [REDACTED] and asked for my test results.

My June test results show I now have arsenic and ammonia above acceptable levels in my water well. In the April test there was no arsenic, or ammonia. The arsenic in the June water test is .013 mg/l (.010 mg/l is the acceptable level). The ammonia is at .13 mg/l. The hardness went from 29 mg/l in April to 33 mg/l in the June water test also.

At this time, my future is uncertain - re what is going on at our home and the future health of my child... -I'm not sleeping at night, and when I do sleep I have nightmares. -I recently had a nightmare of me falling through my water well - the ground where my well was opened up and I fell in and couldn't get out - then I woke up in an anxiety attack. - The stress of caring for someone dying from cancer for a prolonged time is equal to the stress I am dealing with now re this issue.

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**WellWatch Complaint: 05-045-07374 complaint 0008**

**URL:**

web.archive.org/web/20110315070603/http://scraper.media.mit.edu/wiki/Complaints2.

**Complaint Headline:** serious and on going health problems

**API #:** 05-045-07374

**Location:** -107.72122, 39.44421

**Corrected Coordinates:** 39° 26' 39" N, 107° 43' 16" W

**Cause of Complaint:** facility

**Object of Complaint:** air, human health

**Start Date of Complaint:** 2004/10/01

**End Date of Complaint:** 2011/01/05

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED], [REDACTED]

**Employees Involved:** n/a

**Submitted by:** [REDACTED]

**Time of Submission:** 2011/1/5 10:52:52 PM

### **Detailed Explanation of the Complaint**

The wells went in on the property in 1995, at the J13 pad. In September and October of 2004 [REDACTED]'s (the landowner's) hands swelled up to the size of softballs. The body seized up, and landowner couldn't reach face to eat, and could barely walk. There was very limited rotation in all joints. From 2003-2005 the [REDACTED] gas company had open pits containing produced water and frac water, there were 3 pits w/ in 1/4 mile of the landowners house. One to the n. east, one to the west, and one was to the north.

The company utilized an evaporation/disbursement technique whereby the liquid was from the pit was sprayed or misted 30 to 60 ft into the air - each location had containment walls of 12 to 16 ft on the north and west sides of the pit only. Landowner had a vegetable garden near the house and had eaten the produce for years, but concerns over increasing health problems prompted him to stop eating the vegetables. Also, he stopped drinking milk from his goat herd after they began experiencing still births and more health problems within the herd.

Landowner began experiencing serious health problems - including muscle spasms in left triceps and between shoulders and up the neck. The next day the problem continued in the neck and shoulder- On 10/24/04 spasms continued in the neck and shoulder, and down in the left leg , it felt 'like the leg was broke' for half the day. 10/24/04 - Landowner continued experiencing spasms in neck, and intense pain. The right ankle seized up and 'wouldn't work at all' - accompanied by intense pain. 10/25/04 still had spasms in neck and sholder and intensified pain under the right sholder blade. After an acupuncture treatment the spasms subsided. 10/26/04 muscle spasms were not as intense, but landowner had a massive headache all morning in the front of the head - similar to a sinus headache. 10/27/04 spasms increased between shoulder blades - right bicep and triceps, and bicep spasms were experienced. - 'can't hardly move arm'... 10/28/04 still having spasms in shoulders and arms and on the left side had spasms in 'lats' (muscle that runs from under armpit and goes down side of rib cage) also right hand started aching. 10/29/04 landowner experienced swelling in hands, shoulders, and neck, it began at the

the back of the hand and the hand became immobile. 10/30/04 hand still swelling. At times swelling was as large as the size of a softball, and landowner feared skin would split. Sometimes leg was immobile... 1/05/11 To this day, 7 yr later, the symptoms continue and change in intensity... sometimes leg is fairly useless and drags behind when walking, constant severe pain in feet 'like they're broken' constant respiratory issues, headaches, and more.

Landowner had blood test done, and industry related chemicals such as benzene, toluene, xylene and triethylbenzene 125 and 157 were present in his blood. (copy of test to be uploaded soon...)

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Pennsylvania Farmer's reports retrieved from Tara Meixsell Notes and archived WellWatch url:

<http://web.archive.org/web/20120313083308/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes>

**WellWatch Complaint: 37-125-22964 complaint 0003**

**Complaint Headline: cows not giving birth - entire herd**

**API #: 37-125-22964**

**Location: [-79.9494789368,40.0643913748](#)**

**Corrected Coordinates: 40° 3' 52" N, 79° 56' 58" W**

**Object of Complaint: Water Livestock**

**Start Date of Complaint: 2011/04/01**

**Url:**<http://web.archive.org/web/20120313083308/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes>

**Detailed Explanation of the Complaint**

Three years ago 10 out of 18 calves were born dead (and some w/abnormalities). The bred cows drank water from a pond that was contaminated with liquids that leaked/spewed from the well pad when they were drilling. One year ago there was a lopsided heifer to bull birth ratio (12 heifers to 2 bulls) instead of the typical near 50% male female sex ratio in calves in the herd. This spring none of my cows had calves, although the bull was with the cows all the time as he has been for years.

**WellWatch Complaint: 37-125-22964 complaint 0002**

**Complaint Headline: odd female male ratio in calves**

**API #: 37-125-22964**

**Location: [-79.9494789368,40.0643913748](#)**

**Corrected Coordinates: 40° 3' 52" N, 79° 56' 58" W**

**Object of Complaint: Water Livestock**

**Start Date of Complaint: 2010/04/01**

**Url:**<http://web.archive.org/web/20120313083308/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes>

### **Detailed Explanation of the Complaint**

Two years after liquids from the well pad contaminated the pasture and the pond that the cows drank from, and two years after 10 out of 18 calves were still born and about fifty percent of those dead calves had odd abnormalities - the cow herd produced 14 calves on April 1st 2010. The sex ratio was very lopsided for the first time ever - there were 12 heifers and two bulls. Usually the male female ratio is 50 percent male, 50 percent female - or extremely close to that.

### **WellWatch Complaint: 37-125-22964 complaint 0001**

#### **Complaint Headline: ten stillborn calves and abnormalities**

**API #: 37-125-22964**

**Location:** -79.9494789368,40.0643913748

**Corrected Coordinates:** 40° 3' 52" N, 79° 56' 58" W

**Object of Complaint: Water Livestock**

**Start Date of Complaint:** 2008/12/01

**Url:**<http://web.archive.org/web/20120313083308/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes>

### **Detailed Explanation of the Complaint**

ten stillborn calves and abnormalities

There was a leak/spill from a pit at the well-pad, and the spilled liquids went onto the field and also ran into the pond where my cows drank. The pit and well-pad are 75 feet from the pasture fence-line and 280 feet from the pond where my cows drink. My cows were bred at the time of the spill, and four months later when the 18 cows gave birth/aborted 10 of the calves were stillborn. This was highly unusual - in 18 years of breeding and raising cattle we had never had anything like this happen, we had close to a 100% live and successful birth rate.

Out of the 10 calves born dead, the first five appeared to look normal although they were dead. The sixth calf had cloudy blue eyes that were very unusual. The 7th calf had the same cloudy blue eyes. The eighth calf had a cleft palate on the right side of it's mouth, it never would have been able to survive/drink with that deformity even if it had been born alive. The ninth and tenth calves had pure white colored eyes. I contacted everyone I could think of, including the DEP. Although initially they seemed to be sympathetic, they ended by saying it was basically 'farmer's luck...

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### **WellWatch Complaint: 05-045-07374 complaint 0011**

Information from Tara Meixsell Notes and archived WellWatch url:

[web.archive.org/web/20111216143606/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes](http://web.archive.org/web/20111216143606/http://scrapper.media.mit.edu/wiki/ComplaintsAndNotes)



**Complaint Headline:** COGCC looks into frac spill after 6 years

**API #:** 05-045-07374

**Object of Complaint:** Land, Water, Environmental health

**Submitted by:** [REDACTED]

**Detailed Explanation of the Complaint**

Last Friday May 13, 2011 at 2:09 I called [REDACTED] - the [REDACTED] of the COGCC, (CO Oil and Gas Conservation Commission) and left a message that I wanted follow up on the COGCC looking into a frac spill that occurred in 2005 on our ranch - the spill had never been cleaned up although I have called the COGCC and [REDACTED] numerous times - I still want a clean up done on the J13 pad. At 2:30 [REDACTED] called me back and said he had an appointment and that he would call back after his meeting was finished in a few hours. He called back that afternoon at 5:30. He said that this situation (the frac liquid spill) had gone on way too long - and that it needed to be cleaned up - because we need to clean up all of the spills and take care of/clean up any contaminations. I told [REDACTED] that I had called [REDACTED] (Environmental personnel of the COGCC Rifle office) about the frac liquid spill in mid to late February 2011. I also said that [REDACTED], formerly of the Rifle COGCC office had been looking into the frac spill between 2008 and 2009. Mr [REDACTED] was then transferred away from the Rifle office and all communication with the COGCC re the frac spill stopped. Prior to that, from the time of the spill in 2005 to 2008 all my calls re the spill (and wanting a clean up) to [REDACTED] of the COGCC and all of my calls to [REDACTED] were ignored.

In order to get attention to the need for a clean up of the frac liquid spill, in 2008 or 2009 (I am not sure of the exact date) I padlocked the gate on our property through which the [REDACTED] company accessed the J13 pad where the frac spill happened. The night I padlocked the gate I called the [REDACTED] office and told them I was doing it, and I wanted follow up on the May 2005 frac spill. The next morning at 7 a m I got a call from [REDACTED] of [REDACTED], and he said he'd get back hold of me. I got a call from my father (the owner of the ranch property our family owns) and he said I should get hold of [REDACTED] of [REDACTED] to get the situation resolved. ([REDACTED] had evidently called him re the locked gate situation). I called [REDACTED] and he said he wanted me to unlock the gates immediately and he would come in the next couple weeks to discuss the spill situation. I told him that was not acceptable to me because I'd been waiting 3 years already after first reporting the spill - and they ([REDACTED]) had told me three years ago that they'd be out shortly - they never came - they ignored all my calls - until I padlocked the gate.

[REDACTED] of [REDACTED] ended the conversation saying I was being argumentative and he would not discuss it in that manner- then he hung up on me. While I was still on the phone with [REDACTED] I got a call from the Garfield County Sheriff's Department - they informed me that [REDACTED] of [REDACTED] had called them - and said [REDACTED] wanted to press charges on me for harassing their pump-hand who was out servicing the well to the point that the pump-hand felt his safety was being endangered. The pump-hand was [REDACTED] \_\_\_\_\_. [REDACTED] said that [the pump hand] left without doing his job as a result. I did not agree with what [REDACTED] was saying at all - I had been in the town of

Rifle at a cafe/and away from the family ranch property from 8 am til 12:30. Across the County Road from the gate that I had padlocked a neighbor had a fence crew working there all day. When I got back from town to the property I talked to them and they said no one had been there all day. The Sheriff's deputy didn't respond to my comments except to tell me that the the FBI might get involved if I didn't unlock the gate because they considered it environmental terrorism - and he said that they could also put me in jail because locking the gates was considered to be a violation of the criminal code for tampering with oil or gas gathering operations (C.R.S. 18-4-506-3). At that point I unlocked the gate, as I didn't want to risk going to jail.

Several days later ██████████ the pump hand was back out on the property services the well and I spoke with him as we had always had a civil and friendly relationship with one another. I asked him about the ██████████ accusation of harassment and ██████████ told me that he had been on vacation for the last several days - and that on the day in question no one from ██████████ had been out our property to check the well.

Today May 18, 2011 about 3 to 4 years after the date I locked the gate 6 years after the frac liquid spill, at 10 am ██████████ of the COGCC Rifle office came out to the property and she stayed for 3 hours, taking soil samples from the location and pictures of the spill location. She said she would get back in touch with me to inform me of the test results within 3 or 4 weeks - which is about how long the tests usually take. She showed me copies of the original spill reports from 5/2005 when 750 barrels of frac liquid leaked onto the property. Reportedly the drain valve on one of the frac tanks was open, and all the tanks (sometimes upwards of 30 or 40 containers), are all manifolded together. As a result of the drain valve being open, liquid could leak from a series of tanks that the drivers delivering the frac liquid kept refilling. ██████████ said she'd get hold of ██████████ environmental person and find out the exact location where they took their soil samples in about 2008 or 2009.

She also told me that there had been another spill at the J13 pad - this one ██████████ self reported the spill to the COGCC but my family and I were never informed about this spill. This spill occurred in July of 2005 and it was of approximately 70 barrels of condensate liquid but it remained within the containment berm (the corrugated metal ring) surrounding the condensate tank. She showed the paper copy of that spill also. ██████████ said she would be back out to see me on May 26th 2011, and she would bring me copies of both the May 2005 750 barrel frac liquid spill, and the July 2005 70 barrel condensate spill.

My visit with ██████████ was friendly, and she seemed concerned about the impacts of what was happening as a result of these type of things going on. I did not feel well after spending that many hours (three hours) down around the well. I had body pains (especially in my back and hands, my kidney area hurt, and I had alot of difficulty breathing that night. The next morning I felt a bit better. I had told ██████████ that I tried to stay away from the ranch as much as possible to avoid breathing the air and the contaminants there from the wells as it made me sick. But, at a certain point I had no

choice because this is where I live with my animals on the family ranch - I have nowhere else I/we can go, and I'm way too sick to work.

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**WellWatch Complaint: 05-045-05103 complaint 0002**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** Flaring of Wells Causes Welts, Rashes, Burning Eyes, Skin, and Throats

**API #:** 05-045-19728

**Location:** -107.648531, 39.570634

**Corrected Coordinates:** 39° 34' 14" N, 107° 38' 55" W

**Cause of Complaint:** facility

**Object of Complaint:** Human Health

**Start Date of Complaint:** 2010/08/09

**End Date of Complaint**

**Is the Problem Recurring:** Yes

**Companies Involved:** ██████████

**Employees Involved:** ██████████, ██████████, ██████████

**Submitted by:** ██████████ LiesInCourtUnderOath

**Time of Submission:** 2010/11/20 01:23:11 AM

**Detailed Explanation of the Complaint**

The Unnecessary flaring of this well, has caused by son to have huge red and white welts, that itch and burn all over his body, as well as all of us having burning eyes, skin, and throats. ██████████ just tells everyone to call ██████████, and he in turn tells you to call the COGCC, and Mr. ██████████, thinks it's a joke. He told my neighbor that when people call with complaints about skin issues he thinks, "Waahhh, Waahhh, Waaahhhh, Call 911." Yes, that is what he said. He also said he is to make as many complaints disappear as possible, to keep the budget in good standing. I have called ██████████ twice, and followed up with a detailed email, and no reply.

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**WellWatch Complaint: 05-045-06690 complaint 0001**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** condensate tank emissions

**API #:** 05-045-06690

**Location:** -107.978932, 39.464509

**Corrected Coordinates:** 39° 27' 52" N, 107° 58' 44" W

**Cause of Complaint:** facility

**Object of Complaint:** person, health, air, home, job, truck paint

**Start Date of Complaint:** 2005/06/25  
**End Date of Complaint**  
**Is the Problem Recurring:** Yes  
**Companies Involved:** ██████████ Company  
**Employees Involved:**  
**Submitted by:** anonymous  
**Time of Submission:** 2010/12/4 01:22:25 AM

**Detailed Explanation of the Complaint:**

While working as an irrigator near well, I stepped into a toxic cloud that knocked me off my feet and into semi-consciousness. This cloud was created by open topped condensate tanks. Since that moment I was unable to tolerate my property's air inside or outside my house. I had to wear a respirator to exist until I could move from the area. I lived there nine years prior to this incident without problems. My doctor diagnosed me as chemical intolerant due to this extreme exposure. He said I needed to move because I would never be able to regain tolerance.

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**WellWatch Complaint: 05-045-11375 complaint 0002**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** fumes create illness, dead chickens

**API #:** 05-045-11375

**Location:** -107.751955, 39.526879

**Corrected Coordinates:** 39° 31' 37" N, 107° 45' 7" W

**Cause of Complaint**

**Object of Complaint**

**Start Date of Complaint:** 2011/01/17

**End Date of Complaint:** 2011/01/18

**Is the Problem Recurring:** Yes

**Companies Involved:** ██████████

**Employees Involved:** n/a

**Submitted by:** Homeland

**Time of Submission:** 2011/2/18 09:07:07 PM

**Detailed Explanation of the Complaint**

Went through a tough week and the Dr spent 4 hrs at our house. He got a headache while he was here, too. 3 total chickens are dead. Found out that since we live in a low lying area, that we get all the junk in the air and it sits here. The whole family is having ailments. There was stuff coming out of the pipes at the tanks last night at around 10pm and it smelled bad. We tried to get a pic, but it stopped. We are experiencing strange things. Yesterday we had those emissions in the air and we would get them at different

times. I could not function> I felt like I had was trying to come oout of being put to sleep after a surgery....all day long.Today while I have some energy, I am packing our trailer (to leave for good). I wasn't able to do anything yesterday. It affected everyone on the house...in many ways. Dr [REDACTED] is still trying to get the gas company to tell him what the chemicals are that we need to test for. To no surprise, the have not replied. I will let you know how things are as I know them.

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**WellWatch Complaint: 05-045-19728 complaint 0009**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** New York Times video of us and neighbors

**API #:** 05-045-19728

**Location:** -107.648531, 39.570634

**Corrected Coordinates:** 39° 34' 14" N, 107° 38' 55" W

**Cause of Complaint**

**Object of Complaint:** air, human health

**Start Date of Complaint:** 2011/10/01

**End Date of Complaint:** 2011/03/01

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** Homeland

**Time of Submission:** 2011/3/1 11:19:10 PM

**Detailed Explanation of the Complaint**

After experiencing a myriad of health problems, landowners fled home. New York Times captures their story on video, along with another Rifle landowner's story of their serious health and livestock impacts. The other neighbors also left, and they left the State see this link from the Feb 27th New York Times vidoes:

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**WellWatch Complaint: 05-045-11375 complaint 0003**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** dead deformed animals born (goat head only), severely ill people

**API #:** 05-045-11375

**Location:** -107.751955, 39.526879

**Corrected Coordinates:** 39° 31' 37" N, 107° 45' 7" W

**Cause of Complaint:** facility

**Object of Complaint:** health, livestock, air, water

**Start Date of Complaint:** 2010/06/01

**End Date of Complaint:** 2011/02/02

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]

**Employees Involved:** n/a

**Submitted by:** Homeland

**Time of Submission:** 2011/2/24 10:40:09 PM

### **Detailed Explanation of the Complaint**

Jan 5-11 In addition to the problems with their goats (that had been exposed to clouds of visible white fumes emitted from the nearby gas wells last spring) giving birth to deformed and dead animals (including one that gave birth to a dead and hairless kid, and also just a goat head - with no body attached to the head - just a head, also obviously dead) - the entire family was experiencing some severe health problems, serious enough to prompt them to get off the property as soon as possible. Their water often smelled extremely foul, and when the landowner washed the dishes she got nauseated and vomited from the water odors- numerous times. Sometimes just coming into the house, the odor that was apparently coming from the bathroom area - would be extremely foul and strong. The plastic and the metal on the dishwasher interior dish racks had disintegrated on a fairly large portion of the interior of the dishwasher- which the family never even used since they moved in 2 years earlier. Both the plastic and the metal disintegrated on part of the dish rack, for no apparent reason.

One of the residents, who was working on a property nearby in Rifle w/ many gas wells on the property, one day recently became so sickened that he had to be taken to the hospital. He reported that he thought he 'was going to die', and he knew he had to be taken to the hospital immediately. (At first being overcome by symptoms of severe illness, he called another family member mid-day to meet him at the job site and take him home - but that soon changed to an immediate trip to the hospital.) Symptoms included nausea, confusion, massive headaches, and more. The patient could not deal with any light being shown on him... The hospital ran tests, but found little conclusions, and administered a severe pain reliever (check...) They ran a cat scan, and but no conclusive evidence was found. Another test was run .....

The adult resident suffers from continuing body rashes, and numerous family members experience burning eyes, fatigue, confusion, memory problems, severe headaches (described as similar to frontal head sinus headaches, described as different than migraine type headaches) vomiting, pain in the elbows, shoulder blades and elsewhere that baffles them - and one has muscle spasms. They are ranging in age from infants, to young adults and middle aged (but not old) adults. (The adults are in their forties, if that.) The infants are running fevers that will not go away... One of the adults took a round of antibiotics to attempt to relieve the headache symptoms. The antibiotics did not ease or erase the symptoms. The family has rarely taken antibiotics. The headaches are described as severe and continual... The adults in the family went to get checked for vision, got tests done and got glasses hoping to relieve their constant headaches. That appeared to have no effect and the symptoms continued...

On Jan 5-2011 3 of the family members (one at a time) began experiencing symptoms in the mouth, similar to a burning sensation - like a scalding of the tongue. The family members became alarmed as more family members 'out of the blue' walked into the home and began talking about their tongues hurting - they were experiencing a similar scalded tongue symptom. One family member simultaneously had pain in his lip. That a m previously at 2:30 am one of the adult family members woke up and stated that he was sick, and described severe pain in his stomach, 'but not like the flu', it was outside and surrounding the stomach.

The family had noticed a huge 'fog' of emissions surrounding the area around the close by well infrastructure, some months earlier. They comment about this event and speculate as to whether or not this caused the problems with their goats giving birth to severely deformed and dead goats (including the birth that was merely a delivery of a dead goat head.)

Recently after noting odor problems in the water, and being extremely concerned about continued health problems, the residents called Antero gas company, and the company came that day and tested the water. Results are still pending. The COGCC came from the Rifle office shortly afterwards (on the same day) and did a test also. Result should be out in the end of Jan 2011.

The residents are afraid to use their water, and are extremely concerned about the air emissions - they are not using their water for any body contact, drinking, cooking, or dishwashing uses. They are rapidly preparing to move as soon as they can pack up and get out. The week before the family moved out - their chickens began steadily dying... (After continue severe illness, plus more dead animals, in fear for their lives and health - the family moved of the property in early Feb 2011, and out of Colorado to preserve their health) see this link from the Feb 27th New York Times vidoes:  
[http://www.nytimes.com/2011/02/27/us/27gas.html?\\_r=1&hp](http://www.nytimes.com/2011/02/27/us/27gas.html?_r=1&hp) click on 'multi media' option on the left to view video.

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**WellWatch Complaint: 05-045-11375 complaint 0001**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** fumes create illness, dead chickens

**API #:** 05-045-11375

**Location:** -107.751955, 39.526879

**Corrected Coordinates:** 39° 31' 37" N, 107° 45' 7" W

**Cause of Complaint:** facility

**Object of Complaint:** air quality, human and livestock health

**Start Date of Complaint:** 2011/01/17

**End Date of Complaint:** 2011/01/18

**Is the Problem Recurring:** Yes

**Companies Involved:** [REDACTED]  
**Employees Involved:** n/a  
**Submitted by:** Homeland  
**Time of Submission:** 2011/2/18 08:55:52 PM

**Detailed Explanation of the Complaint**

Went through a tough week and spent 4 hours with the doctor at our house. He got a headache while he was here, too. 3 total chickens are dead. Found out that since we live in a low lying area, that we get all the junk in the air and it sits here. The whole family is having ailments. There was stuff coming out of the pipes at the tanks last night at around 10pm and it smelled bad. tried to get a pic, but it stopped. We are experiencing strange things. (next day) Yesterday we had those emissions in the air and we would get them at different times. I could not function. I felt like I had was trying to come out of being put to sleep after a surgery....all da lon.

Today while I have some energy, I am packing our trailer - (to move away from here). I wasn't able to do anything yesterday. It affected everyone on the house...in many ways. Dr \_\_ is still trying to get the gas company to tell him what the chemicals are that we need to test for. To no surprise, they have not replied. I will let you know how things are as I know them.

(spelling errors left in, landowner not able to spell well due to feelings of extreme illness at time of entry)

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**WellWatch Complaint: 05-045-19728 complaint 0005**

**URL:**  
[web.archive.org/web/20110315070603/http://scraper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scraper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** Rashes Still Continuing from [REDACTED]  
**API #:** 05-045-19728  
**Location:** -107.648531, 39.570634  
**Corrected Coordinates:** 39° 34' 14" N, 107° 38' 55" W  
**Cause of Complaint:** facility  
**Object of Complaint:** water, air, health, right to enjoy our property  
**Start Date of Complaint:** 2010/12/26  
**End Date of Complaint:** 2010/12/26  
**Is the Problem Recurring:** Yes  
**Companies Involved:** [REDACTED]  
**Employees Involved:**  
**Submitted by:** anonymous  
**Time of Submission:** 2010/12/26 09:18:43 PM

**Detailed Explanation of the Complaint**



██████████ has such severe rashes on last Wednesday, HIS 13TH BIRTHDAY, he couldn't go to the skating party! Thanks to ██████████, he was home, not having a great time. The other photos, are yesterday morning, Christmas morning, opening presents, while being so uncomfortable with his rash. We are going to see Dr. ██████████ on Tuesday, he worked with ██████████. Hopefully, he can get us some answers.

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**WellWatch Complaint: 05-045-10463 complaint 0001**

**URL:**

[web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2](http://web.archive.org/web/20110315070603/http://scrapper.media.mit.edu/wiki/Complaints2).

**Complaint Headline:** pipeline leak -produced water/chems from Bailey compressor station

**API #:** 05-045-10463

**Location:** -107.640762, 39.506571

**Corrected Coordinates:** 39° 30' 24" N, 107° 38' 27" W

**Cause of Complaint:** facility

**Object of Complaint:** water

**Start Date of Complaint:** 2010/11/10

**End Date of Complaint:** 2010/11/10

**Is the Problem Recurring:** No

**Companies Involved:** ██████████

**Employees Involved:** ██████████

**Submitted by:** Tmeixsell

**Time of Submission:** 2010/11/26 10:45:40 PM

**Detailed Explanation of the Complaint**

A NOAV document (# 200278693) dated October 11, 2010 was filed by the COGCC re this pipeline spill contamination on the Epperly property. The landowners son called the Rifle COGCC office on Oct 11, 2010 reportedly - after ██████████ contacted the landowner re the release of production fluids from the pipeline at the ██████████ compressor station. A COGCC employee from the Rifle office (reportedly ██████████) went to the location of the spill on Oct. 12, 2010 and observed ██████████ welding the pipeline and excavating soil from the spill location. It was noted that the extent of the spill into the drainage was about 900 feet. It is reported that a liquid sample at the spill site was taken by ██████████ Corporation. The NOAV states that the alleged violation was dated August 28, 2010, when the landowner saw free flowing liquid running down the drainage, an intermittent tributary to Dry Hollow Creek. The landowner initially thought it was irrigation liquid running into that drainage. (After the first NOAV was put into effect on Oct 11, 2010 no water sampling was done by the COGCC until Nov 12, 2010.)

Nov 12, 2010 the COGCC came to the landowners property to investigate and take a water sample. Although the COGCC apparently asked ██████████ to provide the landowners w/ potable water until the State results of their domestic water samples came back - ██████████ refused to comply, stating that 'Higher ups said they didn't have...'

The landowner reported that they were given a paper citing 5 violations. [REDACTED] of the COGCC took a sample of the landowners domestic well to test for evidence of contamination from the pipeline spill on Nov 12 (or 15), 2010 reportedly. ([REDACTED] reportedly attempted to get the landowners to sign a document that implied that the landowners domestic well had design issues/ flaws that did not enable [REDACTED] to properly sample the well for contamination. The landowners reportedly did not wish to sign the document, and they contacted an attorney. In the interim, no water samples were taken of the landowners domestic well - from the time the pipeline leak was first reported). Observations site the pipeline spill occurrence date as early as August 2010, through a drainage on the property. (Landowner makes contact with a 2nd party on Nov 22, 2010, asking for help in a situation involving a pipeline leak on her Silt Colorado property at [REDACTED]). The landowner reports a [REDACTED] land man contacted the landowner on [REDACTED] and said that there has been an environmental spill that has leaked onto her property, from a [REDACTED] Compressor station pipeline leaking approximately 50 feet from the landowners abutting property line. (The landowner reported that the [REDACTED] land man had given the landowner a document to sign. Further verbal reports suggest that [REDACTED] included in that document statements re the landowners domestic water well not being of a proper construction design to enable proper water testing by Barret Corp. Reportedly the landowner refrained from signing the [REDACTED] document, and no sampling was done of the domestic well for some time by either [REDACTED] Corp. or the COGCC), as the landowner and [REDACTED] Corporation were not in agreement.) John Colson, reporter from the Glenwood Springs Post Independent contacted the landowner via phone for an interview on November 23, 2010. A front page article covering the pipeline spill cited in the COGCC NOAV # 200278693 (and the landowners comments) was printed on Nov 24, 2010 in the Glenwood Springs Post Independent. More details: some already described...

On 10/11/2010 there was an unauthorized release of E&P waste from the above-referenced facility impacting a 900 foot stretch of Waters of the State in an unnamed tributary to an intermittent tributary to Dry Hollow Creek. A release from a pipeline saturated the soil downhill and east of the release point until it intersected the unnamed drainage trending NE, where the release followed the drainage for about 900 feet. The landowner reported [REDACTED] activity at the pipeline release point to COGCC's FIU. The landowner reported that free flowing liquid was in the drainage as early as 8/28/2010. At the time he thought it was irrigation water released upstream, which he now reports was not the case. The saturated width in the stream channel varies between 2 feet to 9 feet. BBC reported the release within 24 hours of identifying the release. [REDACTED] Corporation did not notify the NRC, the CDPHE-WQCD as required.

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