

Spray, Karen



02470382

**From:** Shelton, David  
**Sent:** Monday, December 10, 2007 10:31 AM  
**To:** Spray, Karen; Weems, Mark  
**Subject:** XTO Flagg 6-3, 6 32N 6W

067-09387

I got a call from John Baker with XTO concerning the Flagg 6-3 well. Mark had tipped me off that this well was on your radar screen due to gas migrating to the surface around the well. XTO wanted to run a couple of ideas by me that involved more cement uphole in the Flagg 6-3, but frankly I am not too keen on XTO's ideas. Sounds more like XTO wants to put a bandaid on the problem rather than find the actual source of the problem. Could either of you fill me in about the situation as you see it and any thoughts on remediation? I am thinking that the recently plugged Flagg 6-2 may have been a source of gas migration over the years and that a shallow zone has been charged up with Fruitland gas. Off the top of my head I am leaning toward having XTO drill at least one shallow test well on the pad and determine if a shallow zone has been charged up with Fruitland gas. Would a test well be a good idea? Any other ideas? Thanks, Shelton



## Spray, Karen

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**From:** Baldwin, Debbie  
**Sent:** Monday, December 10, 2007 1:42 PM  
**To:** Spray, Karen; Shelton, David; Weems, Mark  
**Cc:** Scott, Cindy  
**Subject:** RE: XTO Flagg 6-3, 6 32N 6W

The data Lisa Winn = XTO asked for and was given was up in T35N 7-9W = so I don't believe it was related to gas leaking from the Flagg 6-3

I think requiring XTO to have a soil gas survey performed, have a gas sample collected from the seep & from the production gas for stable isotope & composition (maybe that's already been done) and sample nearby water wells for general water quality & if gas then composition and stable isotopes.

Karen: you can ask Cindy to run a report on water wells in our database and in the State Engineers database for which ever area is of interest to you.

Make XTO hire someone to drive around and look to see whether there are other water wells in the area too.

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Thanks

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**From:** Spray, Karen  
**Sent:** Monday, December 10, 2007 1:18 PM  
**To:** Shelton, David; Weems, Mark  
**Cc:** Baldwin, Debbie  
**Subject:** RE: XTO Flagg 6-3, 6 32N 6W

Dave,

I have also been tipped off to this situation, but XTO hadn't told me which well it was at (until you mentioned it now)! We might want to start with a soil gas survey around the well head, followed by shallow test well(s) to catch groundwater samples and test them as well. LTE has an office down here now and has that capability in-house. Even better, LTE is doing XTO's infill sampling, so they should be primed w/ a contract to get this additional work done.

I still need to take a look at it now that I know the well name – XTO badgered Debbie for some methane data, but left me out of the loop. I will look at it and talk it over w/ Mark and get back with you. There may be some nearby domestic wells that should be sampled too. Debbie, did you hear anything back from XTO on this??

Karen

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