Agenda for meeting with EPA 1/15/2014

RRC sampling results compared with past data and data provided by EPA.

- Dissolved methane concentrations
- Isotope ratios
- Nitrogen/CO_2
- Ethane isotope
- Thermogenic variability, biogenic, mixture

Identify possible sources of thermogenic gas

- Penetrating the Strawn Formation
  - PWS, Strawn field production, (b) (6) water well
- Natural migration
  - Contact between Cretaceous and Pennsylvanian
- Barnett Shale production
  - What pathway?
- Migration of Strawn gas behind production string
  - Sufficient pressure?

Discuss native geology

- Cross sections depicting depth of (b) (6) [redacted]

Discuss gas well construction and bradenhead pressure

- Teal, Butler wells
- Bradenhead pressures and gas fingerprint – not a pathway
- Carrizo well

Conclusions