Orphan and Abandoned Oil and Gas Wells in PA

Leveraging Citizen Science to make a difference in an overwhelming problem
The Stats

- 200,000 to 300,000+ Orphan and Abandoned wells in PA
- ~12,000 approximately located
- 2,000+ precisely located (DEP)
- 4+ Organizations searching
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  - > Marcellus Matters!
Why should we (and citizens) care?

- Water quality
- Air quality
- Homes – health and safety, remediation, property value
- Modern oil and gas infrastructure
- Impacts on recreation
Role of Citizens

• Collaborations with community groups
• Boots on the ground
• Legacy knowledge
• Reconnaissance research
Community Groups
Boots on the Ground
Research!
+ Shale Network

• Water quality!!!
What do we need?

• Data Repository
• Streamlined field observations
• Communication between orgs