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Monitoring of Drinking Water Aquifers during Possible Contamination Operations

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Summary: A method to monitor the integrity of water aquifers

Description: A method and system for monitoring the integrity of water aquifers is provided. The method and system generally monitors the aquifer for subsurface fractures, fluid intrusion, or water contamination. The method can be used before, during, and after contaminating operations to monitor the effect of the hydraulic fracturing operations on the aquifer. The method and system may be applied to all types of wells including, pumping and injection wells for drinking water, carbon sequestration injection, produced waters reinjection, waste fluid injection well for disposal, environmental contamination treatment wells, oil wells, and/or gas wells.

Main Advantages of this Invention:

- Reports can be used for legal and state regulatory purposes

Potential Areas of Application:

- Oil and Gas
- Geothermal
- Environmental Protection
- Well Maintenance

ID number: 12019

Intellectual Property Status: US utility patent pending (application 13/197,810)

Opportunity: We are seeking an exclusive or non-exclusive licensee for marketing, manufacturing, and sale of this technology.

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