



PROBLEM SOLVED WELL COMPLIANCE

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Baseline Water Quality Conditions in Areas of Oil & Gas Development

PROJECT HIGHLIGHTS:

1. LTE identified the source of thermogenic gas encountered in domestic water wells as naturally occurring processes that created the famous hot springs in the area.
2. Data collection on private property requires sensitivity to landowner concerns while representing our client.



Client: SWN Production Company, LLC

Site Location: Western Colorado

Duration: August 2012 – Ongoing

Services Provided:

- Due Diligence
- Health & Safety
- Well Compliance

CHALLENGE:

Getting reliable baseline water quality data from hundreds of private wells requires reliable data management, interfacing with landowners, and clear communication.

APPROACH:

LTE conducts groundwater well data in Routt and Moffat counties to identify baseline conditions prior to drilling activities and to document any changes that occur in water quality over time. Since 2012, we have collected more than 100 water samples in the project area, all collected from domestic water wells, stock water wells, irrigation water wells, springs, ponds, and dedicated monitoring wells drilled and installed by LTE. Our innovative water quality database designed in-house specifically for baseline sampling programs keeps sampling activities on schedule, provides data integrity, and automates reporting tasks for a comprehensive smart and efficient solution.

RESULT:

LTE's database generates reports which are distributed to our client, landowners, and any required governmental agencies providing documentation of baseline conditions and conditions following oil and gas production well drilling activities. The data integrity can be trusted by all stakeholders affected by oil and gas operations to achieve compliance and allow operations to continue without delay.