

Improved Reliability and Safety Recognized by Wolf Resources



Wolf Resources is an experienced oil and gas acquisitions company specializing in buying mineral rights. They are a family-owned company doing business throughout the nation in Colorado, Wyoming, North Dakota, Texas, and Oklahoma.



Applications:
Chemical Management

Market:
Oil and Gas

Challenge

Wolf Resources faced a difficulty in trying to lower field operation costs while still running a secure and eco-friendly operation. In the past, Wolf Resources monitored tank levels remotely using Skybitz tank level monitors. The major concerns were maintaining a reliable tank level reading while also receiving superb customer service when products failed to record accurate readings.

It is dangerous and time-consuming to travel to very remote locations, especially in the winter or during bad weather. The system checks could be forgotten, erroneous, or missed if staff members are under pressure.

“Previously, we used Skybitz to view the tank levels remotely, but the customer service we have experienced with TankScan is superior. It only takes one phone call to talk to a helpful service representative to resolve issues”, said Sean Elliot, Director of Operations.

Solution

Since 2022, Wolf Resources has been using TankScan submersible pressure tank level monitors on their remote chemical tanks which they use to coat materials to withstand heat. The remote monitoring system leverages existing wireless cellular infrastructure and a cloud software application to eliminate large startup and setup costs associated with other solutions. The installation requires screwing the monitor into a 2" port on the top of tank and waking up the battery with a single swipe with the magnetic wand. The cloud application is set up remotely and offers unlimited users, historical trending, and email/text notifications.

The tank levels are viewed from field operators' cell phone or from a PC at a remote office. The system is cost effective due to its use of existing infrastructure of the internet connectivity, internet browser, email, text message and cloud compute. The user is provided with accurate readings to smart phones and PCs they already own, understand and support.

Results

Wolf Resources has realized numerous benefits from remote level monitoring including:

- Reduced labor associated with trips to the field locations
- Improved reliability of their field operations with remote tank level visibility
- Improved confidence and reduced environmental risk with automated notifications
- Improved safety by reducing travel in hazardous weather conditions

"The remote tank monitoring provides us with consistently smooth operations and a reliable workflow. The install process was easy without any problems", said Sean.

