



How Baker Energy gets a job well done

FACTS

Customer: A unit of Michael Baker Corporation, the company provides comprehensive total asset management solutions through its offices in Sheridan, Wyoming.

Challenge: Getting the data from the field into database systems. Finding a solution that works in hazardous and rugged environments.

Solution: AgTerra's WriteTrac solutions based on Mi-Forms and digital pen and paper based on Anoto Digital Pen and Paper.

Benefits: Huge time savings. Automatic data entry to a centralized database that allows multiple departments to track whether or not issues are resolved.

Ease of use speeds up the process

Baker Energy provides comprehensive total asset management solutions through its offices in Sheridan, Wyoming. These services include safety and environmental programs and permitting and regulatory services for the Coal Bed Methane (CBM) industry in Wyoming and Montana. Specifically, Baker Energy offers their CBM clients full service environmental compliance needs including performing inspections and monitoring permits on thousands of methane producing wells in the two state areas.

To maintain efficient operations and compliance with the Department of Environmental Quality and the EPA, CBM companies must continuously inspect the condition, and maintain leases, on these wells and their related features. To perform this task, inspectors called Environmental Compliance Technicians fill out inspection forms for each well and related features including generators, all oil storing containers, and storm water controls. Performing this job is now easier for the company since deploying a digital pen and paper solution.

"This is a great tool for regulatory purposes. The challenge for us in the past has been getting the data from the field into our database systems", said Shelly Adams, Environmental Specialist with Baker Energy. "Some Environmental Compliance Technicians are uncomfortable with computers. Besides, handheld computers don't always work well in our hazardous and rugged environments. Furthermore, it can be tedious to manually enter all the data from paper forms back at the office."

To answer the need, Baker Energy implemented AgTerra's WriteTrac solution. AgTerra provided Baker Energy with a complete solution from the digital pens to the paper forms that are used in the field.

"We focused on a design that would make it easy for the Environmental Compliance Technicians to enter data in the field while keeping database entries standardized", said Natalie Telck, WriteTrac Coordinator with AgTerra Technologies. "We were able to achieve that with the Baker forms and now inspections are faster. Manual entry of the data into Baker's database system is now automated."

Europe
Anoto Group AB
Phone +46 46-540 12 00,

US
Anoto Incorporated
Phone +1-781 890 1555

Japan
Anoto Nippon K.K.
Phone: +81 (0)3-5774-1212

No need for data entry – saves time and delivers real value

"The time saving is huge", acknowledged Shelly Adams. "We're realizing a time savings of at least two hours per person, per week, for four people."

Shelly adds that the most important advantage has been the automatic entry to a centralized database that allows multiple departments to track whether or not issues are resolved. Now she can instantly confirm that all the required inspections have been conducted while maintaining a paper copy and capturing a hard copy signature.

"The inspectors would rather use the digital pen and paper than type it in. It used to take forever to get the data typed in, which made it very difficult to manage."

With the data more easily incorporated into the database, Baker Energy is now positioned to leverage the technology into other areas. The WriteTrac solution have not only saved time but have also delivered real value to the organization and their clients.

Partner profile:

AgTerra Technologies, Inc. is a Technology Solutions company delivering agricultural and natural resource solutions. The company implements web, mobile computing, and Geographic Information Systems (GIS) based data collection and reporting technologies tailored to the agribusiness need. AgTerra's customized solutions include integration with existing systems, training, documentation, and knowledge transfer.

www.agterra.com

Mi-Corporation provides enterprise software to increase the efficiency and effectiveness of the entire process of capturing and using data. Mi-Corporation's end-to-end Mi-Forms Software System enables the capture, handwriting verification and communication of forms based and free-form pen-on-paper data for enterprise users.

www.mi-corporation.com

Customer profile:

Michael Baker Corporation has evolved into one of the leading engineering and energy management firms by consistently solving complex problems for its clients. We view challenges as invitations to innovate. Baker Energy, a unit of Michael Baker Corporation, provides comprehensive total asset management solutions through its offices in Sheridan, Wyoming. These services include safety and environmental programs and permitting and regulatory services for the Coal Bed Methane (CBM) industry in Wyoming and Montana. Specifically, Baker Energy offers their CBM clients full service environmental compliance needs including performing inspections and monitoring permits on thousands of methane producing wells in the two state area.