

Remote Gas Detection!

WITSender



WITSend® Real-Time Streaming Well Data. Wellsite Information Transfer Specification (WITS) was designed to allow for the easy distribution and access of rig data.

Setting New Standards
in Quality and Service



SELMAN

AND ASSOCIATES, INC.
GEOLOGICAL SERVICES

Toll Free: (800) 578-1006

selmanlog.com

Sales: sales@selmanlog.com • Quotes: bidrequest@selmanlog.com

Affordable Service Solution

Are you at your **WITSend**
with budgetary
constraints?



How can
I get my data
from the rig
affordably?

What's going
on out there?

How can
I get my data
without manned
mud logging?

How does a
WITSender[®]
compare to a
manned
unit?



Try the
WITSender



We have the solution to your challenges!

I can give you data while meeting your AFE budget!

I stream your data & build logs automatically to show you what's going on 24/7.



I can deliver your data via our website, our free mobile app, and automated reports.

I collect and report the same data with custom-designed sample collection, if needed.

NEW



WITSender



ADVANTAGES

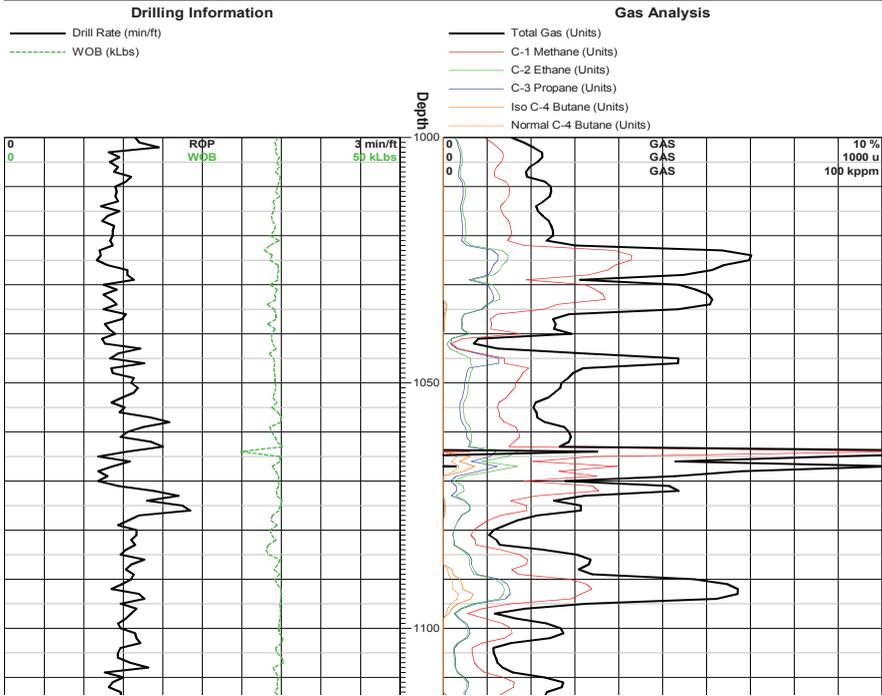
- ▶ *First unmanned FID (Flame Ionization Detection) instrument to produce accurate carbon-linear data with a 60-second FID-GC cycle time and a continuous FID-THA (Total Hydrocarbon Analyzer). This instrument provides lower gas detection limits and higher readable gas ranges for better correlation and trace gas analysis.*
- ▶ *Affordable, Budget-friendly, Economical, Cost-effective...*
- ▶ *No need for rig personnel (company man/rig manager) to calibrate and maintain equipment. These items are included with our service.*
- ▶ *We perform regular internal audits on our gas detection instrumentation to verify its proper operation and linearity.*
- ▶ *Advanced filtration and fluid ingress protection system prevents typical problems that traditional flow systems have.*
- ▶ *This remote unit can be located closer to the gas trap for customer convenience.*

BENEFITS

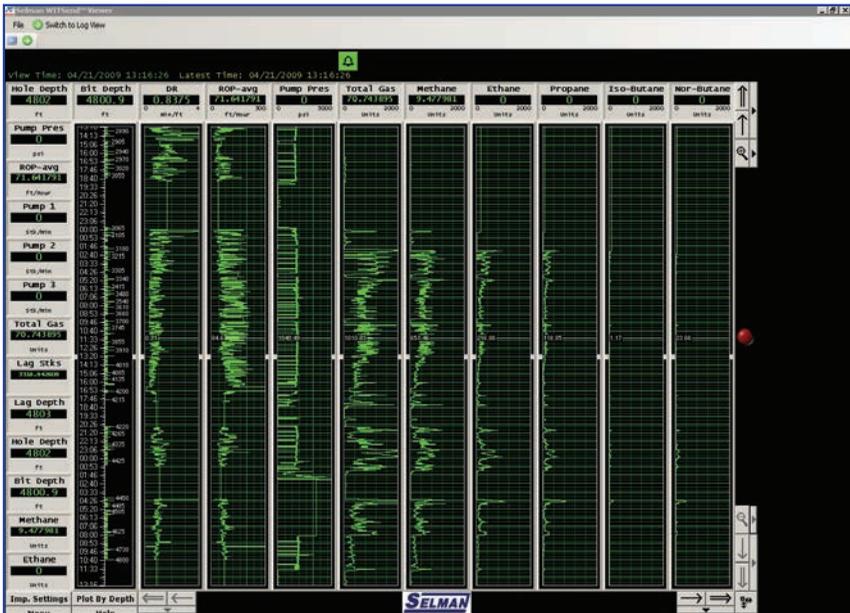
- ▶ **NEW!!** *Unmanned FID Gas Detection!*
- ▶ *Virtually Zero Data Loss with greatly improved gas sampling system.*
- ▶ *With our patented maintenance free gas trap, we can measure gas in any drilling/completion arrangement, including air drilling, open loop, and closed loop mud systems.*
- ▶ *Automatic Process Controls and Power Management System.*
- ▶ *Comparison software to curve fit near real-time WITSender® log to an offset log.*
- ▶ *Automatically e-mailed daily reports listing rig activity and gas characteristics.*
- ▶ *Compatible with any rig's depth recorder arrangement.*
- ▶ *We provide our own communications.*



WITSender® SURFACE LOG



LIVE DIGITAL/GRAPHICAL VIEWER



SAFETY



Our goal is to promote a safe and healthy work environment for all of our team members. We accomplish this through communication, safety training, and the promotion of a healthy and safe attitude of all of our personnel.

Safety is our way of life...
Our mind-set at all times



No need for an agitator. Eliminates electrical and air pressure hazards. Reduces personnel exposure hours.



Advanced Gas Detection (AGD) Certification

Selman & Associates field personnel are certified in Advanced Gas Detection (Mass Spectrometry and Flame Ionization Detection).

