



MUD LOGGING AND



RIG INSTRUMENTATION



RIG SIGHT™

THE NEXT GENERATION OF RIG INSTRUMENTATION

RIG SIGHT

Used all across the Gulf Coast Region, Rig Sight™ is a comprehensive solution designed to run either as a stand-alone rig instrumentation package or as an integrated service in conjunction with Continental Laboratories' Mud Logging Unit. Rig Sight has optical channel isolation and a sampling rate of over 30+ times a second, providing the type of accurate, real-time, drilling information that you need to promptly identify rig activities / drilling events and make proactive decisions.

Our proprietary Rig Sight software is among the most user-friendly and functional software in the industry. The combination of our innovative software with our Rig Floor Montior, PLC-based acquisition unit and customized sensors achieves a full integrated, top-of-the-line rig instrumentaton system.

Rig Sight is so flexible, easy to learn and user-friendly that even the most inexperienced crews can quickly be trained on the system. Every new installation comes with one-on-one personalized training for all users and is provided by an experienced Continental Laboratories' technician.



FEATURES

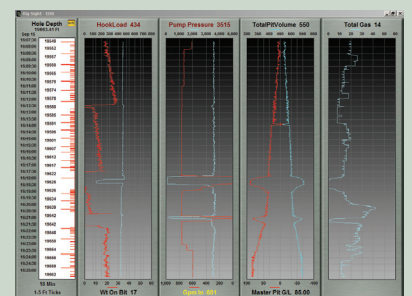
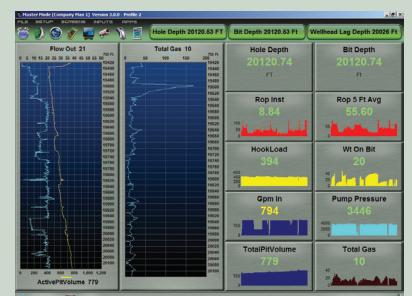
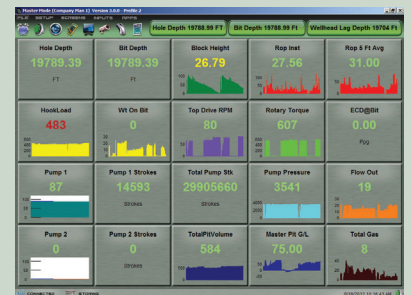
- Windows friendly software interface
- Dual monitor display capability (standard on Company Man PC)
- User defined screen layouts
- Multiple screen options and custom user profiles
- User independent channels and alarms
- Audible voice messaging system
- High-speed internet access (optional)
- Stand-alone rig instrumentation or integrated with mud logging services

DATA MANAGEMENT

- Data navigation by time and depth
- Print by time or depth
- Export data to Excel and LAS formats
- User defined data configurations
- Automatic database maintenance and backup

SOFTWARE UTILITIES

- LAS outputs by time/depth
- Wits compliant level 1 records 1-15
- Wellhead and riser lag
- Multiple data management utilities
- Hydrocarbon well logs
- Custom user defined event markers
- TVD depth and survey reports
- DxC / mud motor RPM
- Bit hydraulics (ECD @ bit / shoe)
- MSE



INFORMATION DISPLAY SCREENS

STRIP CHART SCREENS

- Single, dual, quad and EDR strip charts
- Plot real time or historical data by time or depth
- Print by time or depth
- Export graphs to PDF
- Automatic chart channel scaling or user defined scales
- Multiple tick mark options on EDR screen
- Custom chart colors and channel colors
- Custom axis setup
- Graphing data tool tips
- Audible and visual alarms

EZVIEW BUTTON SCREENS

- 12, 16 and 20 button screens
- Three different button modes
 - Standard
 - Graphical (1 to 240 minutes)
 - Bar graph
- Custom chart colors
- Automatic scaling or user defined scales
- Graphing data tool tips
- Visual and audible alarms

CHANNEL ALARM SETUP

- Master alarm page
- User defined high/low alarms
- Individual channel audible alarms
- Master override audible alarm
- Enable/disable audible and visual alarms
- Alarm watch notification
- View drillers alarms

VOICE NOTIFICATION CAPABILITIES

- Total gas
- Event markers
- On/off bottom
- Samples up notification

TECHNICAL SPECIFICATIONS

DATA ACQUISITION UNIT

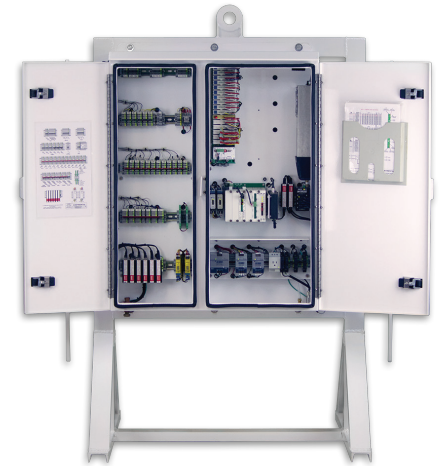
- PLC based (Programmable Logic Controller)
- TCP/IP based network setup
- Floating point channel accuracy
- Sampling rate (30+ times per second)
- Individual optical channel isolation
- 135+ channels currently monitored and stored
- Air conditioned PLC enclosure
- 3rd party outputs for depth and on/off bottom
- Lighting and surge suppression
- Integrated 4-camera system

RIG FLOOR MONITOR

- Certified class 1 div 2
- Windows embedded XP
- Touch screen interface
- Sunlight viewable display
- Choke remote and pit display options
- Audible and visual alarms
- Custom user profiles
- Independent channels
 - Pump strokes
 - Pit gain / loss
 - Trip channels

SENSOR CONFIGURATIONS

- Pit level monitors (ultrasonic or radar)
- 8000-count high-speed depth encoder
- High resolution digital flow sensor
- Hydraulic, electric or 3rd party torque
- Analog, digital or 3rd party RPM sensor
- Six pumps for deep water applications
- Infrared stand-alone total gas detector





MUD LOGGING AND



RIG INSTRUMENTATION

6600 Fairbanks N Houston Rd
Houston, TX 77040
www.continentallabs.com

salesinfo@continentallabs.com
operations 800-856-0237
p 713-460-0780 | f 713-460-0788