

NESET

GAS ANALYSIS

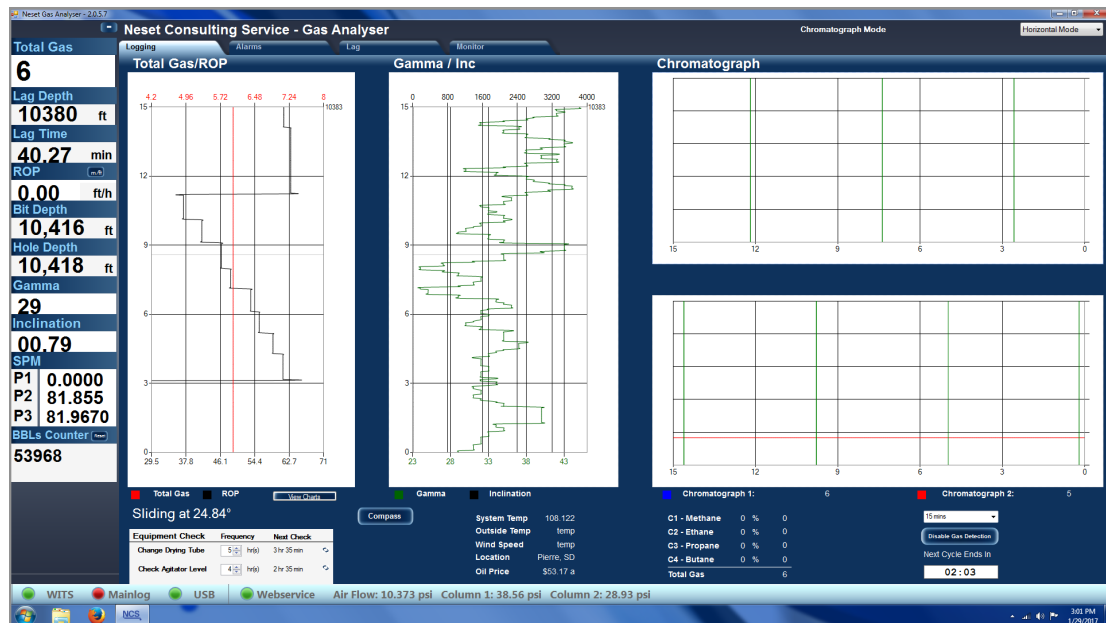
A Core Competency of NESET

NESET was founded by geologist Kathleen Neset in 1980 and has served multiple oil companies drilling mostly in the Williston basin for over 38 years. Primarily focused on the geology



specifically affecting oil production in the basin, **NESET** provides drilling rigs with a state of the art gas detection and analysis system that uses a chromatograph processor that breaks down the natural gas observed in the drilling fluid into four (4) primary components (Methane, Ethane, Propane, Butane). These data points are collected and displayed in the vertical and horizontal well logs at their respected measured depths.

- **Total Gas and Chromatograph Detection**
- **Rig Up and Rig Down of each unit on location**
- **24/7 In-house technical support**



Total Gas with Chromatography

- Full chromatograph breakdown of the 4 key gasses C1- C4
- Infrared total gas sensor that measures 0-100% with no saturation or degradation which allows the sensor to complete an entire well without the need for recalibration.
- Linear response curve
- WITS compatible software that records ROP, Lagged total gas and chromatograph data, and transmits the total gas data to the EDR to be viewed in real time

Total Gas Wireless System

- Wirelessly transmits gas data from the unit located on the mud tank to the logging laptop located in the command center
- Infrared total gas sensor that measures 0-100% with no saturation or degradation which allows the sensor to complete an entire well without the need for recalibration
- Linear response curve
- Meets Class 1 Division 2 (explosion proof) electrical code
- WITS compatible software that records lagged ROP and Total Gas

Additional Services

- Remote access to units in the field (when internet is available) for routine performance checks
- Preventative maintenance on each unit and computer after the completion of each well to ensure correct functionality on the next job.