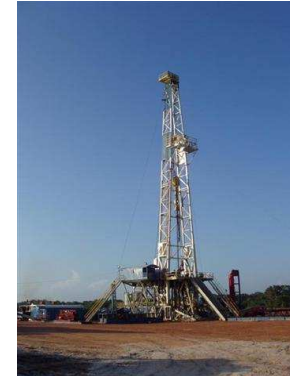




Columbine Logging, Inc.



## Our Commitment

We are committed to providing our customers with high quality information from the well site during the well drilling process.

Mudlogging ....  
real-time formation  
evaluation

Our experienced Geologists are familiar with the Geology in the Rocky Mountains and build a high quality Mudlog with correct Lithology, accurate ROP, Show Descriptions, Total Gas and Gas Chromatography curves.

Phone: 303-289-7764

Fax: 303-648-4491

E-mail:

[mudlog@columbinelogging.com](mailto:mudlog@columbinelogging.com)

Web:

[www.columbinelogging.com](http://www.columbinelogging.com)

**Well Site  
Geological  
Consulting and  
Mudlogging  
Services**

**Serving Exploration  
companies in the  
Rocky Mountain Region  
For 26 years**

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## Best In Class Instrumentation

We utilize Flame Ionization Detection (FID) instrumentation which is superior to other types of hydrocarbon detection instruments .



## Best In Class Computer Integration

Our instrumentation integrates with a data acquisition system for real-time collections of data and interfaces with WITS compatible EDRs for collecting depth and pump strokes.

## Best In Class Services

### Two Man Mudlogging

Two Geologist/Mud Loggers provide sample collection and description at intervals defined by the customer. They also maintain correct lag time by monitoring gas measurement, connections and lag calculations. They maintain and ensure correct total hydrocarbon and chromatography readings provided by Columbine's instrumentation in 2, 12 hour shifts.

### One Man Mudlogging

One Geologist/Mud Logger provides sample collection and description at intervals defined by the customer. They also maintain correct lag time by monitoring gas measurement, connections and lag calculations. They maintain and ensure correct total hydrocarbon and chromatography readings provided by Columbine's instrumentation in 1, 12 hour shift.

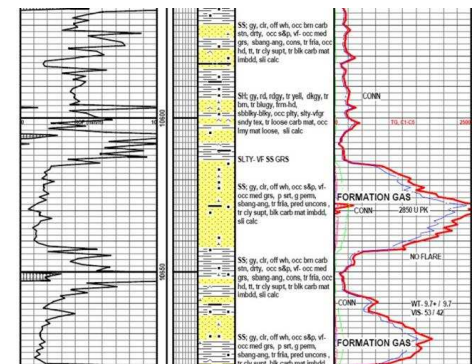
### Geological Consulting

Geologists offer on-site supervision and consulting services during the drilling process and during the running of wireline logs and DSTs.

## Best In Class Mudlogs

### WellSight Systems Software

We use WellSight Systems mudlogging software that enables customers to view their daily mudlogs with free WellSight Viewer Software.



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