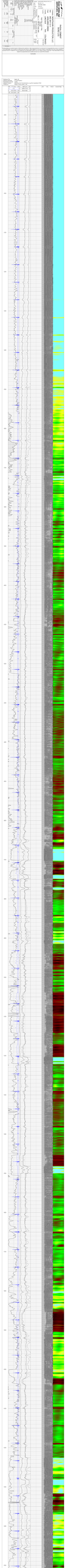
Mud Log
Geological Evaluation
Gas Ratio Curves
Lithology
Drilling Parameters
Mud Gas Data
Sample Description
Comments
Geological Interpretation
Hydrocarbon Shows
Gas Readings
Chromatography
Lithology Description
Drilling Rate
Weight on Bit
Rotary Speed
Torque
Standpipe Pressure
Pump Rate
Mud Weight
Mud Viscosity
Mud Filtrate
Mud Cake
Mud Temperature
Mud Resistivity
Mud Gas
Connection Gas
Trip Gas
Background Gas
Peak Gas
Chromatography
Lithology

Database File Sigma_4b
Dataset Pathname C:\Logs\Case1.1
Presentation Format cbl4v2
Dataset Creation Wed Feb 19 07:29:12 2014 by Calc Std Cased/Ann 07301
Charted by: Depth Feet (scale 1:240)

| | | | | | |
|---|---|---|---|---|---|
| 0 | CCL | 1000 | AMP (mV) | 100 | |
| 0 | GR (GAPI) | 150 | Bond Index | 0 | |

| | | | | |
|---|---|---|---|---|
| 200 | VDL | 1200 | Cement Map | 0 |


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|---|---|---|---|---|---|
| 0 | CCL | 1000 | AMP (mV) | 100 | |
| 0 | GR (GAPI) | 150 | Bond Index | 0 | |

| | | | | |
|---|---|---|---|---|
| 200 | VDL | 1200 | Cement Map | 0 |

Calibration Report

Sigma 4b
Serial Number 4b1290
Test Model 4PLUS
Performed Wed Feb 19 07:27:16 2014

Calibration Value 1.0 Volts

Background Reading 0.0 Volts
Calibration Reading 1.0 Volts

Sensitivity 1.0000 Volts/Volts

Segmented Cement Bond Log Calibration Report

| | |
|---|---|
| Serial Number | 4Sensitive |
| Tool Model | Probe |
| Calibration Casing Diameter | 5.500 in |
| Calibration Fluid | Air (1.00) |

Master Calibration, performed Wed Feb 19 07:14:46 2014

| | Raw (c) | | Calibrated (inc) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| 3 | 0.002 | 3.702 | 0.000 | 71.621 | 48.576 | -0.160 |
| 4 CBL | 0.002 | 1.572 | 0.000 | 71.621 | 94.774 | -0.338 |
| 5 VDM | 0.001 | 1.746 | 0.000 | 100.000 | 57.295 | -0.038 |
| 6 | 0.001 | 1.713 | 0.000 | 100.000 | 58.572 | -0.051 |
| 7 | 0.001 | 1.749 | 0.000 | 100.000 | 57.295 | -0.038 |
| 8 | 0.001 | 1.766 | 0.000 | 100.000 | 56.678 | -0.107 |
| 9 | 0.001 | 1.766 | 0.000 | 100.000 | 56.678 | -0.107 |
| 10 | 0.001 | 1.766 | 0.000 | 100.000 | 56.678 | -0.107 |
| 11 | 0.003 | 1.807 | 0.000 | 100.000 | 55.324 | -0.105 |
| 12 | 0.003 | 1.807 | 0.000 | 100.000 | 55.324 | -0.105 |

Internal Reference Calibration, performed Wed Dec 31 19:00:00 1969

| | Raw (c) | | Calibrated (c) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | Cal | Zero | Cal | Gain | Offset |
| CBL | 4.000 | 0.000 | 2.126 | 2.716 | 1.000 | 0.000 |

Air Zero Calibration, performed Wed Feb 19 08:59:56 2014

| | Raw (c) | | Calibrated (c) | | Results | |
|---|---|---|---|---|---|---|
| | Zero | | Zero | | Offset | |
| 3 | 0.000 | | 0.000 | | 0.000 | |
| 4 CBL | 0.000 | | 0.000 | | 0.000 | |
| 5 | 0.000 | | 0.000 | | 0.000 | |
| 6 | 0.000 | | 0.000 | | 0.000 | |
| 7 | 0.000 | | 0.000 | | 0.000 | |
| 8 | 0.000 | | 0.000 | | 0.000 | |
| 9 | 0.000 | | 0.000 | | 0.000 | |
| 10 | 0.000 | | 0.000 | | 0.000 | |
| 11 | 0.000 | | 0.000 | | 0.000 | |
| 12 | 0.000 | | 0.000 | | 0.000 | |