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|------------------------------|--|----------------|----------|
| Company | Merit Energy Company | | |
| Well | Cass 5 | | |
| Field | Wattenberg | | |
| County | Weld | State/Province | Colorado |
| Location | 1460' FNL & 1329' FEL SW NE Sec. 14, Twp. 5N, Rge. 65W | | |
| Other Services | None | | |
| Permanent Datum | GL | Elevation | 4614 |
| Log Measured From | KB | KB | 4625 |
| Drilling Measured From | KB | GL | 4614 |
| Date | February 5, 2007 | | |
| Run Number | 1 | | |
| Depth Driller | 7200 | | |
| Depth Logger | 7207 | | |
| Bottom Logged Interval | 7207 | | |
| Top Log Interval | Casing | | |
| Casing Driller | 420 | | |
| Casing Logger | 420 | | |
| Bit Size | 7-7/8" | | |
| Type Fluid In Hole | Chem-Gel | | |
| Density / Viscosity | 9.8 / 52 | | |
| pH / Fluid Loss | 8.5 / 8.0 | | |
| Source of Sample | Flowline | | |
| Rm @ Meas. Temp | 3.68 @ 62° F | | |
| Rmt @ Meas. Temp | 3.05 @ 62° F | | |
| Rmc @ Meas. Temp | 4.36 @ 62° F | | |
| Source of Rmt / Rmc | Measure / Calc | | |
| Rm @ BHT | 1.03 @ 206° F | | |
| Time Circulation Stopped | 1530 2/4/07 | | |
| Time Logger on Bottom | 0045 | | |
| Maximum Recorded Temperature | 204° F | | |
| Equipment Number | 4078 | | |
| Location | Brighton, CO | | |
| Recorded By | Ian Harris | | |
| Witnessed By | Craig Hope | | |

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Annular volume calculated for 4.5" casing
KKA Rig 8
Thank you for using Phoenix Surveys!!
API #: 05-123-23951-00

Database File: 6832.db
Dataset Pathname: pass4
Presentation Format: pdc
Dataset Creation: Mon Feb 05 01:01:26 2007 by Log Open-Cased 051020
Charted by: Depth in Feet scaled 1:240

| | | | | | | | | |
|---|------------------|-----|---|-----------------------------|-----|----|-----------------------|---|
| 6 | Caliper (in) | 16 | 2 | Deep Resistivity (Ohm-m) | 200 | 20 | Density Porosity (pu) | 0 |
| 0 | Gamma Ray (GAPI) | 200 | 2 | Medium Resistivity (Ohm-m) | 200 | 20 | Neutron Porosity (pu) | 0 |
| 0 | SP (mV) | 200 | 2 | Shallow Resistivity (Ohm-m) | 200 | | | |

