# THIRD QUARTERLY AIR QUALITY MONITORING REPORT for the HEWITT PIT LANDFILL

**July-September 2001**

**Facility I.D.: 3530; Sector: PB**
**Application #343861**
**7245 Laurel Canyon Boulevard**
**North Hollywood, CA 91605-3709**

***Submitted to***

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**
21865 East Copley Drive
Diamond Bar, California 91765

***Prepared by***

**GC ENVIRONMENTAL, INC.**
1230 North Jefferson Street, Suite J
Anaheim, California 92807

***On behalf of***

**CALMAT PROPERTIES**
3200 San Fernando Road
Los Angeles, California 90065

**Project Number 1003-1**
**November 2001**

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**
**THIRD QUARTER 2000 QUARTERLY MONITORING REPORT**
**FOR THE**
**HEWITT PIT LANDFILL**

**Facility I.D.: 3530; Sector: PB**
**Application #343861**
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**CALMAT PROPERTIES**
**3200 San Fernando Road**
**Los Angeles, California 90065**

Project 1003-1

Brian Millage, Project Manager


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# 1.0 INTRODUCTION

This Third Quarter Air Quality Monitoring Report has been prepared for the Hewitt Pit Landfill in accordance with the South Coast Air Quality Management District's (SCAQMD) approved Rule 1150.1 Compliance Plan issued on December 17, 1999. The Hewitt Landfill is in compliance with all requirements of the 1150.1 plan. Additionally, no exceedances were measured in any of the testing performed.

The conditions of the plan and the monitoring results are summarized on the following table. **Figure 1** shows a layout of the landfill.

**SUMMARY OF REQUIRED MONITORING, SCHEDULE AND RESULTS**

| Required Monitoring | Schedule | Results |
|---|---|---|
| TOCs in subsurface refuse boundary sampling probes (probes) to be less than 5%. | Monthly (minimum) | There were no TOC exceedances measured in any of the probes. Probe monitoring data is attached to this report as **Attachment 1**. The datafield probe identification table is shown as **Attachment 2**. Monitoring was performed weekly for most of this quarter. |
| TACs in probes. | Annually, included with this report. | Laboratory results listed as **Attachment 3**. |
| Integrated surface sampling to be less than 50 ppmv as TOCs. | Annually<br>2nd Quarterly Report | Not required for this quarter. |
| Instantaneous surface monitoring to be less than 500 ppmv as TOCs. | Annually<br>2nd Quarterly Report | Not required for this quarter. |
| TOCs and TACs in the main gas collection header. | Annually<br>4th Quarter Report | Not required for this quarter. |
| Flare source test and 98% destruction of NMOCs. | Annually, included with this report. | The annual source test result summary and efficiency table is attached to this compliance report as **Attachment 4**. The flare destruction efficiency was 98.56%. |


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# Figure 1

## PROBE LOCATIONS


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# Attachment 1

## GAS MONITORING

## PROBE DATA

## July through September 2001


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# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0001 | 7/3/01 | 0.00 | 20.30 | 0.00 | 79.70 | 0.00 | 0.00 |
| HWPT0002 | 7/3/01 | 0.00 | 16.00 | 3.70 | 80.30 | 0.00 | 0.00 |
| HWPT0003 | 7/3/01 | 0.00 | 18.80 | 1.10 | 80.10 | 0.00 | 0.00 |
| HWPT0004 | 7/3/01 | 0.00 | 17.40 | 1.70 | 80.90 | 0.00 | 0.00 |
| HWPT0005 | 7/3/01 | 0.00 | 19.70 | 0.30 | 80.00 | 0.00 | 0.00 |
| HWPT0006 | 7/3/01 | 0.00 | 18.70 | 1.10 | 80.20 | 0.00 | 0.00 |
| HWPT0007 | 7/3/01 | 0.00 | 18.20 | 1.30 | 80.50 | 0.00 | 0.00 |
| HWPT0008 | 7/3/01 | 0.00 | 17.10 | 2.50 | 80.40 | 0.00 | 0.00 |
| HWPT0009 | 7/3/01 | 0.00 | 18.30 | 1.20 | 80.50 | 0.00 | 0.00 |
| HWPT0010 | 7/3/01 | 0.00 | 18.10 | 1.00 | 80.90 | 0.00 | 0.00 |
| HWPT0011 | 7/3/01 | 0.00 | 14.80 | 1.20 | 84.00 | 0.00 | 0.00 |
| HWPT0012 | 7/3/01 | 0.00 | 18.90 | 0.60 | 80.50 | 0.00 | 0.00 |
| HWPT0013 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0014 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0015 | 7/3/01 | 0.10 | 19.50 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0016 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.10 |
| HWPT0017 | 7/3/01 | 0.00 | 19.50 | 0.20 | 80.30 | 0.00 | 0.00 |
| HWPT0018 | 7/3/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0019 | 7/3/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0020 | 7/3/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0021 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0022 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0023 | 7/3/01 | 0.00 | 18.80 | 0.80 | 80.40 | 0.00 | 0.00 |
| HWPT0024 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0025 | 7/3/01 | 0.10 | 20.10 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0026 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0027 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0028 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0029 | 7/3/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0030 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0031 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0032 | 7/3/01 | 0.00 | 19.80 | 0.20 | 80.00 | 0.00 | 0.00 |
| HWPT0033 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0034 | 7/3/01 | 0.00 | 19.40 | 0.50 | 80.10 | 0.00 | 0.00 |
| HWPT0035 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0036 | 7/3/01 | 0.00 | 15.10 | 4.40 | 80.50 | 0.00 | 0.00 |
| HWPT0037 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0038 | 7/3/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0039 | 7/3/01 | 0.00 | 19.70 | 0.30 | 80.00 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0040 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0041 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0042 | 7/3/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0043 | 7/3/01 | 0.00 | 18.80 | 1.00 | 80.20 | 0.00 | 0.00 |
| HWPT0044 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0045 | 7/3/01 | 0.00 | 16.60 | 2.50 | 80.90 | 0.00 | 0.00 |
| HWPT0046 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0047 | 7/3/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0048 | 7/3/01 | 0.00 | 19.10 | 0.70 | 80.20 | 0.00 | 0.00 |
| HWPT0049 | 7/3/01 | 0.00 | 19.00 | 1.10 | 79.90 | 0.00 | 0.00 |
| HWPT0050 | 7/3/01 | 0.00 | 18.50 | 1.60 | 79.90 | 0.00 | 0.00 |
| HWPT0051 | 7/3/01 | 0.00 | 18.80 | 1.40 | 79.80 | 0.00 | 0.00 |
| HWPT0052 | 7/3/01 | 0.00 | 19.20 | 0.70 | 80.10 | 0.00 | 0.00 |
| HWPT0053 | 7/3/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0054 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0055 | 7/3/01 | 0.00 | 18.90 | 1.10 | 80.00 | 0.00 | 0.00 |
| HWPT0056 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0057 | 7/3/01 | 0.00 | 19.10 | 0.90 | 80.00 | 0.00 | 0.00 |
| HWPT0058 | 7/3/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0059 | 7/3/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0060 | 7/3/01 | 0.00 | 19.10 | 0.70 | 80.20 | 0.00 | 0.10 |
| HWPT0061 | 7/3/01 | 0.00 | 19.10 | 0.40 | 80.50 | 0.00 | 0.00 |
| HWPT0062 | 7/3/01 | 0.00 | 18.30 | 1.00 | 80.70 | 0.00 | 0.00 |
| HWPT0063 | 7/3/01 | 0.00 | 15.90 | 2.50 | 81.60 | 0.00 | 0.00 |
| HWPT0064 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.10 |
| HWPT0065 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0066 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0067 | 7/3/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0068 | 7/3/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0069 | 7/3/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0070 | 7/3/01 | 0.00 | 18.80 | 0.70 | 80.50 | 0.00 | 0.00 |
| HWPT0071 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0071 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0072 | 7/3/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0073 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0074 | 7/3/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0075 | 7/3/01 | 0.10 | 19.40 | 0.30 | 80.20 | 0.00 | 0.00 |
| HWPT0076 | 7/3/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0077 | 7/3/01 | 0.10 | 20.20 | 0.00 | 79.70 | 0.00 | 0.10 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0078 | 7/3/01 | 0.00 | 17.40 | 1.80 | 80.80 | 0.00 | 0.00 |
| HWPT0079 | 7/3/01 | 0.00 | 20.00 | 0.10 | 79.90 | 0.00 | 0.00 |
| HWPT0080 | 7/3/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0081 | 7/3/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.10 |
| HWPT0001 | 7/9/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0001 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.10 |
| HWPT0002 | 7/10/01 | 0.00 | 17.10 | 3.00 | 79.90 | -0.01 | 0.10 |
| HWPT0003 | 7/10/01 | 0.00 | 19.80 | 0.30 | 79.90 | 0.00 | 0.00 |
| HWPT0004 | 7/10/01 | 0.00 | 19.90 | 0.20 | 79.90 | 0.00 | 0.00 |
| HWPT0005 | 7/10/01 | 0.00 | 20.20 | 0.10 | 79.70 | 0.00 | 0.00 |
| HWPT0006 | 7/10/01 | 0.00 | 19.90 | 0.20 | 79.90 | 0.00 | 0.00 |
| HWPT0007 | 7/10/01 | 0.00 | 19.10 | 1.00 | 79.90 | 0.00 | 0.00 |
| HWPT0008 | 7/10/01 | 0.00 | 20.00 | 0.10 | 79.90 | 0.00 | 0.00 |
| HWPT0009 | 7/10/01 | 0.00 | 19.40 | 0.80 | 79.80 | 0.00 | 0.00 |
| HWPT0010 | 7/10/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0011 | 7/10/01 | 0.00 | 15.10 | 1.40 | 83.50 | 0.00 | 0.00 |
| HWPT0012 | 7/10/01 | 0.00 | 19.50 | 0.40 | 80.10 | 0.00 | 0.00 |
| HWPT0013 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0014 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0015 | 7/10/01 | 0.00 | 19.20 | 1.00 | 79.80 | 0.00 | 0.00 |
| HWPT0016 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.10 |
| HWPT0017 | 7/10/01 | 0.00 | 19.90 | 0.30 | 79.80 | 0.00 | 0.00 |
| HWPT0018 | 7/10/01 | 0.00 | 20.10 | 0.10 | 79.80 | 0.00 | 0.00 |
| HWPT0019 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0020 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0021 | 7/10/01 | 0.00 | 20.30 | 0.00 | 79.70 | 0.00 | 0.00 |
| HWPT0022 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0023 | 7/10/01 | 0.00 | 19.00 | 1.00 | 80.00 | 0.00 | 0.00 |
| HWPT0024 | 7/10/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0025 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0026 | 7/10/01 | 0.00 | 20.10 | 0.10 | 79.80 | 0.00 | 0.00 |
| HWPT0027 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0028 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0029 | 7/10/01 | 0.00 | 19.70 | 0.40 | 79.90 | 0.00 | 0.00 |
| HWPT0030 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0031 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0032 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0033 | 7/10/01 | 0.00 | 20.30 | 0.00 | 79.70 | 0.00 | 0.00 |
| HWPT0034 | 7/10/01 | 0.00 | 19.30 | 0.80 | 79.90 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0035 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0036 | 7/10/01 | 0.00 | 16.20 | 4.20 | 79.60 | 0.00 | 0.00 |
| HWPT0037 | 7/10/01 | 0.00 | 20.00 | 0.10 | 79.90 | 0.00 | 0.00 |
| HWPT0038 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.10 |
| HWPT0039 | 7/10/01 | 0.00 | 20.00 | 0.20 | 79.80 | 0.00 | 0.00 |
| HWPT0040 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0041 | 7/10/01 | 0.00 | 20.00 | 0.10 | 79.90 | 0.00 | 0.00 |
| HWPT0042 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0043 | 7/10/01 | 0.00 | 19.00 | 1.00 | 80.00 | 0.00 | 0.00 |
| HWPT0044 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0045 | 7/10/01 | 0.00 | 17.10 | 2.40 | 80.50 | 0.00 | 0.00 |
| HWPT0046 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0047 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0048 | 7/10/01 | 0.00 | 19.30 | 0.70 | 80.00 | 0.00 | 0.00 |
| HWPT0049 | 7/10/01 | 0.00 | 18.00 | 2.60 | 79.40 | 0.00 | 0.00 |
| HWPT0050 | 7/10/01 | 0.00 | 18.30 | 2.00 | 79.70 | 0.00 | 0.00 |
| HWPT0051 | 7/10/01 | 0.00 | 18.80 | 1.60 | 79.60 | 0.00 | 0.00 |
| HWPT0052 | 7/10/01 | 0.00 | 19.00 | 1.00 | 80.00 | 0.00 | 0.00 |
| HWPT0053 | 7/10/01 | 0.00 | 19.70 | 0.30 | 80.00 | 0.00 | 0.00 |
| HWPT0054 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0055 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0056 | 7/10/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0057 | 7/10/01 | 0.00 | 19.60 | 0.70 | 79.70 | 0.00 | 0.00 |
| HWPT0058 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0059 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0060 | 7/10/01 | 0.00 | 19.40 | 0.70 | 79.90 | 0.00 | 0.00 |
| HWPT0061 | 7/10/01 | 0.00 | 19.50 | 0.40 | 80.10 | 0.00 | 0.00 |
| HWPT0062 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0063 | 7/10/01 | 0.00 | 18.70 | 1.00 | 80.30 | 0.00 | 0.00 |
| HWPT0064 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0065 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0066 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0067 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0068 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0069 | 7/10/01 | 0.00 | 19.60 | 0.40 | 80.00 | 0.00 | 0.00 |
| HWPT0070 | 7/10/01 | 0.00 | 19.10 | 0.60 | 80.30 | 0.00 | 0.10 |
| HWPT0071 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0072 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0073 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |

# Hewitt Pit
# Probe Report for All Probes
## 7/01/2001 to 7/31/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0074 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0075 | 7/10/01 | 0.00 | 19.80 | 0.10 | 80.10 | 0.00 | 0.00 |
| HWPT0076 | 7/10/01 | 0.00 | 20.00 | 0.10 | 79.90 | 0.00 | 0.00 |
| HWPT0077 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0078 | 7/10/01 | 0.00 | 18.70 | 1.00 | 80.30 | 0.00 | 0.00 |
| HWPT0079 | 7/10/01 | 0.10 | 16.10 | 2.60 | 81.20 | 0.00 | 0.00 |
| HWPT0080 | 7/10/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0081 | 7/10/01 | 0.00 | 19.90 | 0.20 | 79.90 | 0.01 | 0.00 |
| HWPT0001 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0002 | 7/17/01 | 0.00 | 16.40 | 3.10 | 80.50 | 0.00 | 0.00 |
| HWPT0003 | 7/17/01 | 0.00 | 19.70 | 0.20 | 80.10 | 0.00 | 0.00 |
| HWPT0004 | 7/17/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0005 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0006 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 5.11 | -5.60 |
| HWPT0007 | 7/17/01 | 0.00 | 19.30 | 0.80 | 79.90 | 0.00 | 0.00 |
| HWPT0008 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0009 | 7/17/01 | 0.00 | 19.20 | 0.70 | 80.10 | 0.00 | 0.00 |
| HWPT0010 | 7/17/01 | 0.00 | 18.70 | 0.60 | 80.70 | 0.00 | 0.00 |
| HWPT0011 | 7/17/01 | 0.00 | 15.00 | 1.10 | 83.90 | 0.00 | 0.00 |
| HWPT0012 | 7/17/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0013 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0014 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0015 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0016 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0017 | 7/17/01 | 0.00 | 19.80 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0018 | 7/17/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0019 | 7/17/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0020 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.10 |
| HWPT0021 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0022 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.10 |
| HWPT0023 | 7/17/01 | 0.00 | 18.40 | 1.00 | 80.60 | 0.00 | 0.00 |
| HWPT0024 | 7/17/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0025 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | -0.01 | 0.00 |
| HWPT0026 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0027 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0028 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0029 | 7/17/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0030 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0031 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0032 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0033 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0034 | 7/17/01 | 0.00 | 18.70 | 1.00 | 80.30 | 0.00 | 0.00 |
| HWPT0035 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0036 | 7/17/01 | 0.00 | 15.60 | 4.30 | 80.10 | -0.40 | 0.40 |
| HWPT0037 | 7/17/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0038 | 7/17/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0039 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0040 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0041 | 7/17/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0042 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0043 | 7/17/01 | 0.00 | 19.20 | 0.60 | 80.20 | 0.00 | 0.00 |
| HWPT0044 | 7/17/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0045 | 7/17/01 | 0.00 | 17.50 | 1.80 | 80.70 | 0.00 | 0.00 |
| HWPT0046 | 7/17/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0047 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0048 | 7/17/01 | 0.00 | 19.40 | 0.50 | 80.10 | 0.00 | 0.00 |
| HWPT0049 | 7/17/01 | 0.00 | 18.00 | 2.20 | 79.80 | 0.00 | 0.00 |
| HWPT0050 | 7/17/01 | 0.00 | 18.00 | 2.00 | 80.00 | 0.00 | 0.00 |
| HWPT0051 | 7/17/01 | 0.00 | 18.50 | 1.40 | 80.10 | 0.00 | 0.00 |
| HWPT0052 | 7/17/01 | 0.00 | 18.70 | 0.80 | 80.50 | 0.00 | 0.00 |
| HWPT0053 | 7/17/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0054 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0055 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0056 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0057 | 7/17/01 | 0.00 | 19.30 | 0.60 | 80.10 | 0.00 | 0.00 |
| HWPT0058 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0059 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0061 | 7/17/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0062 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0063 | 7/17/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0064 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0066 | 7/17/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0067 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0068 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0069 | 7/17/01 | 0.00 | 19.50 | 0.30 | 80.20 | 0.00 | 0.00 |
| HWPT0070 | 7/17/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.10 |
| HWPT0071 | 7/17/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0072 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |

# Hewitt Pit
# Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0073 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0074 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0075 | 7/17/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0076 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0077 | 7/17/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0078 | 7/17/01 | 0.00 | 18.70 | 0.70 | 80.60 | -0.01 | 0.00 |
| HWPT0079 | 7/17/01 | 0.00 | 17.80 | 1.50 | 80.70 | 0.00 | 0.00 |
| HWPT0080 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0081 | 7/17/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0001 | 7/24/01 | 0.00 | 17.50 | 1.60 | 80.90 | 0.00 | 0.00 |
| HWPT0002 | 7/24/01 | 0.00 | 14.80 | 4.00 | 81.20 | 0.00 | 0.00 |
| HWPT0003 | 7/24/01 | 0.00 | 19.30 | 0.20 | 80.50 | 0.00 | 0.00 |
| HWPT0004 | 7/24/01 | 0.00 | 18.90 | 0.50 | 80.60 | 0.00 | 0.00 |
| HWPT0005 | 7/24/01 | 0.00 | 18.50 | 0.90 | 80.60 | 0.00 | 0.00 |
| HWPT0006 | 7/24/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0007 | 7/24/01 | 0.00 | 17.10 | 2.00 | 80.90 | 0.00 | 0.00 |
| HWPT0008 | 7/24/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0009 | 7/24/01 | 0.00 | 17.40 | 1.70 | 80.90 | 0.00 | 0.00 |
| HWPT0010 | 7/24/01 | 0.00 | 18.00 | 0.90 | 81.10 | 0.00 | 0.00 |
| HWPT0011 | 7/24/01 | 0.00 | 15.30 | 0.90 | 83.80 | 0.00 | 0.00 |
| HWPT0012 | 7/24/01 | 0.00 | 17.90 | 1.00 | 81.10 | 0.00 | 0.00 |
| HWPT0013 | 7/24/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0014 | 7/24/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0015 | 7/24/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0016 | 7/24/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0017 | 7/24/01 | 0.00 | 19.00 | 0.20 | 80.80 | 0.00 | 0.00 |
| HWPT0018 | 7/24/01 | 0.00 | 19.30 | 0.10 | 80.60 | 0.00 | 0.00 |
| HWPT0019 | 7/24/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0020 | 7/24/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0021 | 7/24/01 | 0.00 | 17.20 | 1.60 | 81.20 | 0.00 | 0.00 |
| HWPT0022 | 7/24/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0023 | 7/24/01 | 0.00 | 17.20 | 1.70 | 81.10 | 0.00 | 0.00 |
| HWPT0024 | 7/24/01 | 0.00 | 18.50 | 0.60 | 80.90 | 0.00 | 0.00 |
| HWPT0025 | 7/24/01 | 0.00 | 13.80 | 4.60 | 81.60 | 0.00 | 0.00 |
| HWPT0026 | 7/24/01 | 0.00 | 18.80 | 0.50 | 80.70 | 0.00 | 0.00 |
| HWPT0027 | 7/24/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0028 | 7/24/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0029 | 7/24/01 | 0.00 | 17.80 | 1.10 | 81.10 | 0.00 | 0.00 |
| HWPT0030 | 7/24/01 | 0.00 | 19.20 | 0.30 | 80.50 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0031 | 7/24/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0032 | 7/24/01 | 0.00 | 18.80 | 0.50 | 80.70 | 0.00 | 0.00 |
| HWPT0033 | 7/24/01 | 0.00 | 13.50 | 5.00 | 81.50 | 0.00 | 0.00 |
| HWPT0034 | 7/24/01 | 0.10 | 18.10 | 1.00 | 80.80 | 0.00 | 0.00 |
| HWPT0035 | 7/24/01 | 0.00 | 13.70 | 4.90 | 81.40 | 0.00 | 0.00 |
| HWPT0036 | 7/24/01 | 0.10 | 12.20 | 6.60 | 81.10 | 0.00 | 0.00 |
| HWPT0037 | 7/24/01 | 0.00 | 17.60 | 1.10 | 81.30 | 0.00 | 0.00 |
| HWPT0038 | 7/24/01 | 0.00 | 13.40 | 5.10 | 81.50 | 0.00 | 0.00 |
| HWPT0039 | 7/24/01 | 0.00 | 18.80 | 0.20 | 81.00 | 0.00 | 0.00 |
| HWPT0040 | 7/24/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0041 | 7/24/01 | 0.00 | 15.30 | 3.60 | 81.10 | 0.00 | 0.00 |
| HWPT0042 | 7/24/01 | 0.00 | 18.50 | 0.60 | 80.90 | 0.00 | 0.00 |
| HWPT0043 | 7/24/01 | 0.00 | 18.00 | 1.10 | 80.90 | 0.00 | 0.00 |
| HWPT0044 | 7/24/01 | 0.00 | 16.50 | 2.30 | 81.20 | 0.00 | 0.00 |
| HWPT0045 | 7/24/01 | 0.00 | 15.60 | 2.90 | 81.50 | 0.00 | 0.00 |
| HWPT0046 | 7/24/01 | 0.00 | 18.40 | 0.70 | 80.90 | -0.01 | 0.00 |
| HWPT0047 | 7/24/01 | 0.00 | 19.50 | 0.00 | 80.50 | -0.01 | 0.00 |
| HWPT0048 | 7/24/01 | 0.10 | 18.50 | 0.70 | 80.70 | 0.00 | 0.00 |
| HWPT0049 | 7/26/01 | 0.00 | 17.70 | 1.80 | 80.50 | 0.00 | 0.00 |
| HWPT0050 | 7/26/01 | 0.00 | 17.40 | 1.90 | 80.70 | 0.00 | 0.00 |
| HWPT0051 | 7/26/01 | 0.00 | 18.00 | 1.30 | 80.70 | 0.00 | 0.00 |
| HWPT0052 | 7/26/01 | 0.00 | 18.40 | 0.60 | 81.00 | 0.00 | 0.00 |
| HWPT0053 | 7/26/01 | 0.00 | 18.90 | 0.20 | 80.90 | 0.00 | 0.00 |
| HWPT0054 | 7/26/01 | 0.00 | 17.60 | 1.50 | 80.90 | 0.00 | 0.00 |
| HWPT0055 | 7/26/01 | 0.00 | 17.20 | 1.90 | 80.90 | 0.00 | 0.00 |
| HWPT0056 | 7/26/01 | 0.00 | 18.40 | 0.70 | 80.90 | 0.00 | 0.00 |
| HWPT0057 | 7/26/01 | 0.00 | 17.60 | 1.60 | 80.80 | 0.00 | 0.00 |
| HWPT0058 | 7/26/01 | 0.00 | 18.40 | 0.60 | 81.00 | 0.00 | 0.00 |
| HWPT0059 | 7/26/01 | 0.00 | 18.60 | 0.50 | 80.90 | 0.00 | 0.00 |
| HWPT0060 | 7/26/01 | 0.00 | 17.90 | 1.10 | 81.00 | 0.00 | 0.00 |
| HWPT0061 | 7/26/01 | 0.00 | 18.80 | 0.30 | 80.90 | 0.00 | 0.00 |
| HWPT0062 | 7/26/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0063 | 7/26/01 | 0.00 | 18.80 | 0.40 | 80.80 | 0.00 | 0.00 |
| HWPT0064 | 7/26/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0065 | 7/26/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0066 | 7/26/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0067 | 7/26/01 | 0.00 | 19.30 | 0.00 | 80.70 | 0.00 | 0.00 |
| HWPT0068 | 7/26/01 | 0.00 | 19.20 | 0.20 | 80.60 | 0.00 | 0.00 |
| HWPT0069 | 7/26/01 | 0.00 | 18.80 | 0.40 | 80.80 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0070 | 7/26/01 | 0.00 | 18.50 | 0.60 | 80.90 | 0.00 | 0.00 |
| HWPT0071 | 7/26/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0072 | 7/26/01 | 0.00 | 19.30 | 0.10 | 80.60 | -0.01 | 0.00 |
| HWPT0073 | 7/26/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0074 | 7/26/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0075 | 7/26/01 | 0.00 | 19.20 | 0.10 | 80.70 | 0.00 | 0.00 |
| HWPT0076 | 7/26/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0077 | 7/26/01 | 0.00 | 19.60 | 0.00 | 80.40 | -0.01 | 0.00 |
| HWPT0078 | 7/26/01 | 0.00 | 16.50 | 2.10 | 81.40 | 0.00 | 0.00 |
| HWPT0079 | 7/26/01 | 0.00 | 19.00 | 0.90 | 80.10 | 0.00 | 0.00 |
| HWPT0080 | 7/26/01 | 0.00 | 19.30 | 0.10 | 80.60 | 0.00 | 0.00 |
| HWPT0081 | 7/26/01 | 0.00 | 17.80 | 1.40 | 80.80 | 0.00 | 0.00 |
| HWPT0001 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0002 | 7/31/01 | 0.00 | 16.30 | 3.40 | 80.30 | 0.00 | 0.00 |
| HWPT0003 | 7/31/01 | 0.00 | 19.50 | 0.40 | 80.10 | 0.00 | 0.00 |
| HWPT0004 | 7/31/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0005 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0006 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0007 | 7/31/01 | 0.00 | 19.10 | 0.70 | 80.20 | 0.00 | 0.00 |
| HWPT0008 | 7/31/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0009 | 7/31/01 | 0.00 | 19.20 | 0.50 | 80.30 | 0.00 | 0.00 |
| HWPT0010 | 7/31/01 | 0.10 | 18.30 | 0.90 | 80.70 | 0.00 | 0.00 |
| HWPT0011 | 7/31/01 | 0.00 | 14.60 | 1.20 | 84.20 | 0.00 | 0.00 |
| HWPT0012 | 7/31/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0013 | 7/31/01 | 0.10 | 19.60 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0014 | 7/31/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0015 | 7/31/01 | 0.00 | 19.00 | 0.70 | 80.30 | 0.00 | 0.00 |
| HWPT0016 | 7/31/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0017 | 7/31/01 | 0.10 | 19.30 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0018 | 7/31/01 | 0.10 | 19.60 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0019 | 7/31/01 | 0.10 | 19.60 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0020 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0021 | 7/31/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0022 | 7/31/01 | 0.10 | 16.50 | 2.30 | 81.10 | 0.00 | 0.00 |
| HWPT0023 | 7/31/01 | 0.00 | 17.30 | 1.90 | 80.80 | 0.00 | 0.00 |
| HWPT0024 | 7/31/01 | 0.10 | 18.30 | 0.80 | 80.80 | 0.00 | 0.00 |
| HWPT0025 | 7/31/01 | 0.10 | 16.80 | 2.40 | 80.70 | 0.00 | 0.00 |
| HWPT0026 | 7/31/01 | 0.00 | 19.00 | 0.40 | 80.60 | 0.00 | 0.00 |
| HWPT0027 | 7/31/01 | 0.10 | 19.60 | 0.00 | 80.30 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0028 | 7/31/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0029 | 7/31/01 | 0.10 | 19.30 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0030 | 7/31/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0031 | 7/31/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0032 | 7/31/01 | 0.10 | 18.80 | 0.60 | 80.50 | 0.00 | 0.00 |
| HWPT0033 | 7/31/01 | 0.00 | 19.00 | 0.40 | 80.60 | 0.00 | 0.00 |
| HWPT0034 | 7/31/01 | 0.10 | 18.30 | 0.90 | 80.70 | 0.01 | 0.00 |
| HWPT0035 | 7/31/01 | 0.00 | 16.20 | 3.00 | 80.80 | 0.00 | 0.00 |
| HWPT0036 | 7/31/01 | 0.10 | 14.20 | 5.30 | 80.40 | 0.01 | 0.10 |
| HWPT0037 | 7/31/01 | 0.10 | 18.60 | 0.60 | 80.70 | 0.00 | 0.00 |
| HWPT0038 | 7/31/01 | 0.10 | 14.00 | 4.80 | 81.10 | 0.00 | 0.00 |
| HWPT0039 | 7/31/01 | 0.10 | 19.20 | 0.10 | 80.60 | 0.00 | 0.00 |
| HWPT0040 | 7/31/01 | 0.10 | 18.80 | 0.60 | 80.50 | 0.00 | 0.00 |
| HWPT0041 | 7/31/01 | 0.10 | 18.30 | 1.10 | 80.50 | 0.00 | 0.00 |
| HWPT0042 | 7/31/01 | 0.10 | 14.90 | 3.90 | 81.10 | 0.00 | 0.00 |
| HWPT0043 | 7/31/01 | 0.10 | 18.40 | 0.90 | 80.60 | 0.00 | 0.00 |
| HWPT0044 | 7/31/01 | 0.10 | 18.50 | 0.90 | 80.50 | 0.00 | 0.00 |
| HWPT0045 | 7/31/01 | 0.10 | 16.20 | 2.60 | 81.10 | 0.00 | 0.00 |
| HWPT0046 | 7/31/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0047 | 7/31/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0048 | 7/31/01 | 0.10 | 19.00 | 0.40 | 80.50 | 0.00 | 0.00 |
| HWPT0049 | 7/31/01 | 0.10 | 19.90 | 0.10 | 79.90 | 0.00 | 0.10 |
| HWPT0050 | 7/31/01 | 0.10 | 18.00 | 1.90 | 80.00 | 0.00 | 0.10 |
| HWPT0051 | 7/31/01 | 0.10 | 18.40 | 1.10 | 80.40 | 0.00 | 0.10 |
| HWPT0052 | 7/31/01 | 0.00 | 18.60 | 0.80 | 80.60 | 0.00 | 0.00 |
| HWPT0053 | 7/31/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0054 | 7/31/01 | 0.00 | 18.40 | 1.40 | 80.20 | 0.00 | 0.00 |
| HWPT0055 | 7/31/01 | 0.00 | 17.70 | 1.90 | 80.40 | 0.00 | 0.00 |
| HWPT0056 | 7/31/01 | 0.00 | 18.10 | 1.70 | 80.20 | 0.00 | 0.00 |
| HWPT0057 | 7/31/01 | 0.00 | 18.90 | 0.80 | 80.30 | 0.00 | 0.00 |
| HWPT0058 | 7/31/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0059 | 7/31/01 | 0.00 | 19.50 | 0.20 | 80.30 | 0.00 | 0.00 |
| HWPT0060 | 7/31/01 | 0.00 | 18.90 | 0.60 | 80.50 | 0.00 | 0.00 |
| HWPT0061 | 7/31/01 | 0.00 | 19.40 | 0.20 | 80.40 | -0.03 | 0.00 |
| HWPT0062 | 7/31/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0063 | 7/31/01 | 0.00 | 19.30 | 0.20 | 80.50 | 0.00 | 0.00 |
| HWPT0064 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0065 | 7/31/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0066 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
7/01/2001 to 7/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0067 | 7/31/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0068 | 7/31/01 | 0.00 | 19.80 | 0.20 | 80.00 | 0.00 | 0.00 |
| HWPT0069 | 7/31/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0070 | 7/31/01 | 0.00 | 19.20 | 0.40 | 80.40 | 0.01 | 0.00 |
| HWPT0071 | 7/31/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0072 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0073 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0074 | 7/31/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0075 | 7/31/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0076 | 7/31/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0077 | 7/31/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0078 | 7/31/01 | 0.00 | 17.00 | 1.80 | 81.20 | 0.00 | 0.00 |
| HWPT0079 | 7/31/01 | 0.10 | 11.40 | 8.50 | 80.00 | 0.00 | 0.00 |
| HWPT0080 | 7/31/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0081 | 7/31/01 | 0.00 | 18.80 | 0.90 | 80.30 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0001 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0002 | 8/9/01 | 0.00 | 17.10 | 2.60 | 80.30 | 0.00 | 0.00 |
| HWPT0003 | 8/9/01 | 0.00 | 19.80 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0004 | 8/9/01 | 0.00 | 19.50 | 0.20 | 80.30 | 0.00 | 0.00 |
| HWPT0005 | 8/9/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0006 | 8/9/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0007 | 8/9/01 | 0.00 | 19.50 | 0.20 | 80.30 | 0.00 | 0.00 |
| HWPT0008 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0009 | 8/9/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0010 | 8/9/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |
| HWPT0011 | 8/9/01 | 0.00 | 14.40 | 1.40 | 84.20 | 0.00 | 0.00 |
| HWPT0012 | 8/9/01 | 0.00 | 19.30 | 0.20 | 80.50 | 0.00 | 0.00 |
| HWPT0013 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0014 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.10 |
| HWPT0015 | 8/9/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0016 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0017 | 8/9/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0018 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0019 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0020 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0021 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0022 | 8/9/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0023 | 8/9/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0024 | 8/9/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0025 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0026 | 8/9/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0027 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0028 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0029 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0030 | 8/9/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0031 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0032 | 8/9/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0033 | 8/9/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0034 | 8/9/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0035 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0036 | 8/9/01 | 0.00 | 16.10 | 3.90 | 80.00 | 0.00 | 0.00 |
| HWPT0037 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0038 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0039 | 8/9/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0040 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0041 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0042 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0043 | 8/9/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0044 | 8/9/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.10 |
| HWPT0045 | 8/9/01 | 0.00 | 18.00 | 1.30 | 80.70 | 0.00 | 0.00 |
| HWPT0046 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0047 | 8/9/01 | 0.00 | 19.80 | 0.00 | 80.20 | -0.04 | 0.10 |
| HWPT0049 | 8/9/01 | 0.00 | 18.20 | 1.30 | 80.50 | 0.00 | 0.00 |
| HWPT0050 | 8/9/01 | 0.00 | 18.50 | 1.40 | 80.10 | 0.00 | 0.00 |
| HWPT0051 | 8/9/01 | 0.00 | 18.50 | 1.10 | 80.40 | 0.00 | 0.00 |
| HWPT0052 | 8/9/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |
| HWPT0053 | 8/9/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0054 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0055 | 8/9/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0056 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0057 | 8/9/01 | 0.00 | 19.00 | 0.70 | 80.30 | 0.00 | 0.00 |
| HWPT0058 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0059 | 8/9/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0060 | 8/9/01 | 0.00 | 18.80 | 0.70 | 80.50 | 0.00 | 0.00 |
| HWPT0061 | 8/9/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0063 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0064 | 8/9/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0065 | 8/9/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0066 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0067 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0068 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0069 | 8/9/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0070 | 8/9/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0071 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0072 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | -0.02 | 0.00 |
| HWPT0073 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0074 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0075 | 8/9/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0076 | 8/9/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0077 | 8/9/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0078 | 8/9/01 | 0.00 | 17.80 | 1.00 | 81.20 | 0.00 | 0.00 |
| HWPT0079 | 8/9/01 | 0.00 | 18.30 | 0.70 | 81.00 | 0.00 | 0.00 |
| HWPT0080 | 8/9/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |

# Hewitt Pit
# Probe Report for All Probes
## 8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0081 | 8/9/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0001 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0002 | 8/14/01 | 0.00 | 17.40 | 2.40 | 80.20 | 0.00 | 0.00 |
| HWPT0003 | 8/14/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0004 | 8/14/01 | 0.00 | 19.80 | 0.10 | 80.10 | 0.00 | 0.00 |
| HWPT0005 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0006 | 8/14/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0007 | 8/14/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0008 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0009 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0010 | 8/14/01 | 0.00 | 18.50 | 0.80 | 80.70 | 0.00 | 0.00 |
| HWPT0011 | 8/14/01 | 0.00 | 14.70 | 1.10 | 84.20 | 0.00 | 0.00 |
| HWPT0012 | 8/14/01 | 0.00 | 19.30 | 0.20 | 80.50 | 0.00 | 0.00 |
| HWPT0013 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0014 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0015 | 8/14/01 | 0.00 | 19.10 | 0.80 | 80.10 | 0.01 | 0.00 |
| HWPT0016 | 8/14/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0017 | 8/14/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0018 | 8/14/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0019 | 8/14/01 | 0.00 | 19.60 | 0.00 | 80.40 | -0.01 | 0.00 |
| HWPT0020 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0021 | 8/14/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0022 | 8/14/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0023 | 8/14/01 | 0.00 | 18.80 | 0.80 | 80.40 | 0.00 | 0.00 |
| HWPT0024 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | -0.01 | 0.00 |
| HWPT0025 | 8/14/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0026 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0027 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0028 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0029 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0030 | 8/14/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0031 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0032 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0033 | 8/14/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0034 | 8/14/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0035 | 8/14/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0036 | 8/14/01 | 0.00 | 16.80 | 3.30 | 79.90 | -0.02 | 0.00 |
| HWPT0037 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0038 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0039 | 8/14/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0040 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0041 | 8/14/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0042 | 8/14/01 | 0.00 | 18.90 | 0.70 | 80.40 | 0.00 | 0.00 |
| HWPT0043 | 8/14/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |
| HWPT0044 | 8/14/01 | 0.00 | 18.80 | 1.10 | 80.10 | 0.00 | 0.00 |
| HWPT0045 | 8/14/01 | 0.00 | 16.50 | 2.40 | 81.10 | 0.00 | 0.00 |
| HWPT0046 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0047 | 8/14/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0048 | 8/14/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0049 | 8/14/01 | 0.00 | 18.40 | 1.70 | 79.90 | 0.00 | 0.00 |
| HWPT0050 | 8/14/01 | 0.00 | 18.10 | 1.80 | 80.10 | -0.01 | 0.00 |
| HWPT0051 | 8/14/01 | 0.00 | 18.90 | 0.90 | 80.20 | 0.00 | 0.00 |
| HWPT0052 | 8/14/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |
| HWPT0053 | 8/14/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.10 |
| HWPT0054 | 8/14/01 | 0.00 | 18.50 | 1.30 | 80.20 | 0.00 | 0.00 |
| HWPT0055 | 8/14/01 | 0.00 | 19.00 | 0.70 | 80.30 | 0.00 | 0.00 |
| HWPT0056 | 8/14/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0057 | 8/14/01 | 0.00 | 19.20 | 0.60 | 80.20 | 0.00 | 0.00 |
| HWPT0058 | 8/14/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0059 | 8/14/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.10 |
| HWPT0060 | 8/14/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |
| HWPT0061 | 8/14/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0062 | 8/14/01 | 0.10 | 18.40 | 1.00 | 80.50 | 0.00 | 0.00 |
| HWPT0063 | 8/14/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0064 | 8/14/01 | 0.10 | 19.60 | 0.20 | 80.10 | 0.00 | 0.00 |
| HWPT0065 | 8/14/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0066 | 8/14/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0067 | 8/14/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0068 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0069 | 8/14/01 | 0.00 | 19.20 | 0.10 | 80.70 | 0.00 | 0.00 |
| HWPT0070 | 8/14/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0071 | 8/14/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0072 | 8/14/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0073 | 8/14/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0074 | 8/14/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0075 | 8/14/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0076 | 8/14/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0077 | 8/14/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0078 | 8/14/01 | 0.00 | 14.60 | 4.00 | 81.40 | 0.00 | 0.00 |
| HWPT0079 | 8/14/01 | 0.00 | 14.30 | 4.20 | 81.50 | 0.00 | 0.00 |
| HWPT0079 | 8/14/01 | 0.00 | 14.30 | 4.20 | 81.50 | 0.00 | 0.00 |
| HWPT0080 | 8/14/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0081 | 8/14/01 | 0.00 | 18.40 | 0.80 | 80.80 | 0.00 | 0.00 |
| HWPT0001 | 8/22/01 | 0.00 | 16.20 | 3.60 | 80.20 | 0.00 | 0.00 |
| HWPT0002 | 8/22/01 | 0.00 | 17.50 | 1.90 | 80.60 | 0.00 | 0.00 |
| HWPT0003 | 8/22/01 | 0.10 | 19.60 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0004 | 8/22/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0005 | 8/22/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0006 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0007 | 8/22/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0008 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0009 | 8/22/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0010 | 8/22/01 | 0.00 | 18.70 | 0.80 | 80.50 | 0.00 | 0.00 |
| HWPT0011 | 8/22/01 | 0.00 | 15.20 | 1.00 | 83.80 | 0.00 | 0.00 |
| HWPT0012 | 8/22/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0013 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0014 | 8/22/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0015 | 8/22/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.05 | 0.00 |
| HWPT0016 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0017 | 8/22/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0018 | 8/22/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0019 | 8/22/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0020 | 8/22/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0021 | 8/22/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0022 | 8/22/01 | 0.00 | 17.10 | 1.90 | 81.00 | 0.00 | 0.00 |
| HWPT0023 | 8/22/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0024 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0025 | 8/22/01 | 0.00 | 19.00 | 0.70 | 80.30 | -0.01 | 0.00 |
| HWPT0026 | 8/22/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0027 | 8/22/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0028 | 8/22/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0029 | 8/22/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0030 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0031 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0032 | 8/22/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0033 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0034 | 8/22/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0035 | 8/22/01 | 0.00 | 16.10 | 3.10 | 80.80 | 0.00 | 0.00 |
| HWPT0036 | 8/22/01 | 0.00 | 15.30 | 4.70 | 80.00 | 0.00 | 0.00 |
| HWPT0037 | 8/22/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0038 | 8/22/01 | 0.00 | 17.90 | 1.60 | 80.50 | 0.00 | 0.00 |
| HWPT0039 | 8/22/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0040 | 8/22/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0041 | 8/22/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0042 | 8/22/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0043 | 8/22/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0044 | 8/22/01 | 0.00 | 18.40 | 1.10 | 80.50 | 0.00 | 0.00 |
| HWPT0045 | 8/22/01 | 0.00 | 16.80 | 2.50 | 80.70 | 0.00 | 0.00 |
| HWPT0046 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0047 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0047 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0048 | 8/22/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0049 | 8/22/01 | 0.00 | 18.40 | 1.70 | 79.90 | 0.00 | 0.00 |
| HWPT0050 | 8/22/01 | 0.00 | 18.70 | 1.40 | 79.90 | -0.01 | 0.00 |
| HWPT0051 | 8/22/01 | 0.00 | 19.00 | 1.00 | 80.00 | 0.00 | 0.00 |
| HWPT0052 | 8/22/01 | 0.00 | 19.20 | 0.60 | 80.20 | 0.00 | 0.00 |
| HWPT0053 | 8/22/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0054 | 8/22/01 | 0.00 | 18.80 | 1.30 | 79.90 | 0.00 | 0.00 |
| HWPT0055 | 8/22/01 | 0.00 | 19.10 | 0.90 | 80.00 | 0.00 | 0.00 |
| HWPT0056 | 8/22/01 | 0.00 | 18.50 | 1.60 | 79.90 | 0.00 | 0.00 |
| HWPT0057 | 8/22/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0058 | 8/22/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0059 | 8/22/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0060 | 8/22/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0061 | 8/22/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0062 | 8/22/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0063 | 8/22/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0064 | 8/22/01 | 0.00 | 19.90 | 0.20 | 79.90 | 0.00 | 0.00 |
| HWPT0065 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0066 | 8/22/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0067 | 8/22/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0068 | 8/22/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0069 | 8/22/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |
| HWPT0070 | 8/22/01 | 0.00 | 19.50 | 0.30 | 80.20 | 0.00 | 0.00 |
| HWPT0071 | 8/22/01 | 0.00 | 20.20 | 0.00 | 79.80 | 0.00 | 0.00 |
| HWPT0072 | 8/22/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0073 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0074 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0075 | 8/22/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0076 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0077 | 8/22/01 | 0.00 | 20.10 | 0.00 | 79.90 | 0.00 | 0.00 |
| HWPT0078 | 8/22/01 | 0.00 | 17.80 | 1.60 | 80.60 | 0.00 | 0.00 |
| HWPT0079 | 8/22/01 | 0.00 | 15.30 | 4.00 | 80.70 | 0.00 | 0.00 |
| HWPT0080 | 8/22/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0081 | 8/22/01 | 0.00 | 19.00 | 0.90 | 80.10 | 0.00 | 0.00 |
| HWPT0001 | 8/30/01 | 0.00 | 20.60 | 0.00 | 79.40 | 0.00 | 0.00 |
| HWPT0002 | 8/30/01 | 0.00 | 18.70 | 1.70 | 79.60 | 0.00 | 0.00 |
| HWPT0003 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | -0.01 | 0.00 |
| HWPT0004 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0005 | 8/30/01 | 0.00 | 20.40 | 0.20 | 79.40 | 0.00 | 0.00 |
| HWPT0006 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | -0.01 | 0.00 |
| HWPT0007 | 8/30/01 | 0.00 | 20.60 | 0.30 | 79.10 | 0.00 | 0.00 |
| HWPT0008 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0009 | 8/30/01 | 0.00 | 20.60 | 0.30 | 79.10 | 0.00 | 0.00 |
| HWPT0010 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | -0.01 | 0.00 |
| HWPT0011 | 8/30/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0012 | 8/30/01 | 0.00 | 20.60 | 0.10 | 79.30 | -0.01 | 0.00 |
| HWPT0013 | 8/30/01 | 0.00 | 20.90 | 0.00 | 79.10 | 0.00 | 0.00 |
| HWPT0014 | 8/30/01 | 0.00 | 20.90 | 0.00 | 79.10 | 0.00 | 0.00 |
| HWPT0015 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | -0.01 | 0.00 |
| HWPT0016 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0017 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0018 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0019 | 8/30/01 | 0.00 | 20.90 | 0.00 | 79.10 | 0.00 | 0.00 |
| HWPT0020 | 8/30/01 | 0.00 | 20.90 | 0.00 | 79.10 | 0.00 | 0.00 |
| HWPT0021 | 8/30/01 | 0.00 | 20.90 | 0.00 | 79.10 | 0.00 | 0.00 |
| HWPT0022 | 8/30/01 | 0.00 | 20.90 | 0.00 | 79.10 | 0.00 | 0.00 |
| HWPT0023 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0024 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | -0.01 | 0.00 |
| HWPT0025 | 8/30/01 | 0.00 | 20.30 | 0.30 | 79.40 | -0.01 | 0.00 |
| HWPT0026 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0027 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | -0.01 | 0.00 |
| HWPT0028 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0029 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0030 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0031 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0032 | 8/30/01 | 0.00 | 20.60 | 0.00 | 79.40 | 0.00 | 0.00 |
| HWPT0033 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0034 | 8/30/01 | 0.00 | 20.40 | 0.20 | 79.40 | 0.00 | 0.00 |
| HWPT0035 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0036 | 8/30/01 | 0.00 | 19.80 | 0.90 | 79.30 | 0.00 | 0.00 |
| HWPT0037 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0038 | 8/30/01 | 0.00 | 20.60 | 0.00 | 79.40 | 0.00 | 0.00 |
| HWPT0039 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0040 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | -0.01 | 0.00 |
| HWPT0041 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | -0.01 | 0.00 |
| HWPT0042 | 8/30/01 | 0.00 | 20.20 | 0.40 | 79.40 | -0.01 | 0.00 |
| HWPT0043 | 8/30/01 | 0.00 | 20.50 | 0.20 | 79.30 | 0.00 | 0.00 |
| HWPT0044 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0045 | 8/30/01 | 0.00 | 20.70 | 0.00 | 79.30 | 0.00 | 0.00 |
| HWPT0046 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0047 | 8/30/01 | 0.00 | 20.80 | 0.00 | 79.20 | 0.00 | 0.00 |
| HWPT0048 | 8/30/01 | 0.00 | 20.70 | 0.10 | 79.20 | 0.00 | 0.00 |
| HWPT0049 | 8/30/01 | 0.00 | 20.20 | 0.60 | 79.20 | 0.00 | 0.10 |
| HWPT0050 | 8/30/01 | 0.00 | 20.10 | 0.70 | 79.20 | 0.00 | 0.00 |
| HWPT0054 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0055 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | -0.01 | 0.00 |
| HWPT0056 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0057 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | -0.01 | 0.00 |
| HWPT0058 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0059 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0060 | 8/30/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0061 | 8/30/01 | 0.00 | 19.50 | 0.20 | 80.30 | 0.00 | 0.00 |
| HWPT0062 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0063 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0064 | 8/30/01 | 0.00 | 19.10 | 0.50 | 80.40 | 0.00 | 0.00 |
| HWPT0065 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0066 | 8/30/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0067 | 8/30/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0068 | 8/30/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0069 | 8/30/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0070 | 8/30/01 | 0.00 | 19.20 | 0.40 | 80.40 | 0.00 | 0.00 |
| HWPT0071 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0072 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
8/01/2001 to 8/31/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0073 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0074 | 8/30/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0075 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0076 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0077 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0078 | 8/30/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0079 | 8/30/01 | 0.00 | 17.80 | 1.50 | 80.70 | -0.01 | 0.00 |
| HWPT0080 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0081 | 8/30/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0001 | 9/5/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0002 | 9/5/01 | 0.00 | 17.30 | 2.10 | 80.60 | 0.00 | 0.00 |
| HWPT0003 | 9/5/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0004 | 9/5/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0005 | 9/5/01 | 0.00 | 19.20 | 0.30 | 80.50 | 0.00 | 0.00 |
| HWPT0006 | 9/5/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0007 | 9/5/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0008 | 9/5/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0009 | 9/5/01 | 0.00 | 19.50 | 0.20 | 80.30 | 0.00 | 0.00 |
| HWPT0010 | 9/5/01 | 0.00 | 18.40 | 0.80 | 80.80 | 0.00 | 0.00 |
| HWPT0011 | 9/5/01 | 0.00 | 14.30 | 1.30 | 84.40 | 0.00 | 0.00 |
| HWPT0012 | 9/5/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0013 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0014 | 9/5/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0015 | 9/5/01 | 0.00 | 19.40 | 0.40 | 80.20 | 0.00 | 0.00 |
| HWPT0016 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0017 | 9/5/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0018 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0019 | 9/5/01 | 0.10 | 19.10 | 0.10 | 80.70 | 0.00 | 0.00 |
| HWPT0020 | 9/5/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0021 | 9/5/01 | 0.10 | 19.40 | 0.30 | 80.20 | 0.00 | 0.10 |
| HWPT0021 | 9/5/01 | 0.10 | 19.40 | 0.30 | 80.20 | 0.00 | 0.10 |
| HWPT0022 | 9/5/01 | 0.10 | 17.00 | 1.70 | 81.20 | 0.00 | 0.00 |
| HWPT0023 | 9/5/01 | 0.00 | 18.00 | 1.10 | 80.90 | 0.00 | 0.00 |
| HWPT0024 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0025 | 9/5/01 | 0.10 | 18.80 | 0.60 | 80.50 | 0.00 | 0.00 |
| HWPT0026 | 9/5/01 | 0.10 | 19.20 | 0.30 | 80.40 | -0.40 | 0.40 |
| HWPT0027 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0028 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0029 | 9/5/01 | 0.00 | 19.00 | 0.40 | 80.60 | 0.00 | 0.00 |
| HWPT0030 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0031 | 9/5/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0032 | 9/5/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0033 | 9/5/01 | 0.10 | 19.70 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0034 | 9/5/01 | 0.00 | 19.10 | 0.60 | 80.30 | 0.00 | 0.00 |
| HWPT0035 | 9/5/01 | 0.00 | 16.20 | 2.70 | 81.10 | 0.00 | 0.00 |
| HWPT0036 | 9/5/01 | 0.00 | 16.20 | 3.20 | 80.60 | 0.00 | 0.00 |
| HWPT0037 | 9/5/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0038 | 9/5/01 | 0.00 | 17.80 | 1.40 | 80.80 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0039 | 9/5/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0040 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0041 | 9/5/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0042 | 9/5/01 | 0.00 | 18.80 | 0.80 | 80.40 | 0.00 | 0.00 |
| HWPT0043 | 9/5/01 | 0.00 | 18.80 | 0.70 | 80.50 | 0.00 | 0.00 |
| HWPT0044 | 9/5/01 | 0.00 | 18.90 | 0.70 | 80.40 | 0.00 | 0.00 |
| HWPT0045 | 9/5/01 | 0.00 | 16.60 | 2.00 | 81.40 | 0.00 | 0.00 |
| HWPT0046 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0047 | 9/5/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0048 | 9/5/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0049 | 9/5/01 | 0.00 | 18.50 | 1.10 | 80.40 | 0.00 | 0.00 |
| HWPT0050 | 9/5/01 | 0.00 | 18.50 | 1.30 | 80.20 | 0.00 | 0.00 |
| HWPT0051 | 9/5/01 | 0.00 | 18.80 | 0.90 | 80.30 | 0.00 | 0.00 |
| HWPT0052 | 9/5/01 | 0.00 | 19.00 | 0.60 | 80.40 | -0.01 | 0.00 |
| HWPT0053 | 9/5/01 | 0.00 | 19.30 | 0.20 | 80.50 | 0.00 | 0.00 |
| HWPT0054 | 9/5/01 | 0.00 | 19.20 | 0.50 | 80.30 | 0.00 | 0.00 |
| HWPT0055 | 9/5/01 | 0.00 | 19.00 | 0.70 | 80.30 | 0.00 | 0.00 |
| HWPT0056 | 9/5/01 | 0.00 | 19.90 | 0.00 | 80.10 | -0.01 | 0.00 |
| HWPT0057 | 9/5/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0058 | 9/5/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0059 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0060 | 9/5/01 | 0.00 | 19.00 | 0.60 | 80.40 | 0.00 | 0.00 |
| HWPT0061 | 9/5/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0062 | 9/5/01 | 0.00 | 18.60 | 1.00 | 80.40 | 0.00 | 0.00 |
| HWPT0063 | 9/5/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0064 | 9/5/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0065 | 9/5/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0066 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0067 | 9/5/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0068 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0069 | 9/5/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0070 | 9/5/01 | 0.00 | 19.20 | 0.30 | 80.50 | 0.00 | 0.00 |
| HWPT0071 | 9/5/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0072 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0073 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0074 | 9/5/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0075 | 9/5/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0076 | 9/5/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0077 | 9/5/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0078 | 9/5/01 | 0.00 | 17.50 | 1.50 | 81.00 | 0.00 | 0.00 |
| HWPT0079 | 9/5/01 | 0.00 | 16.00 | 2.70 | 81.30 | 0.00 | 0.00 |
| HWPT0080 | 9/5/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0081 | 9/5/01 | 0.00 | 19.10 | 0.40 | 80.50 | 0.00 | 0.00 |
| HWPT0001 | 9/11/01 | 0.00 | 18.70 | 0.10 | 81.20 | 0.00 | 0.00 |
| HWPT0002 | 9/11/01 | 0.00 | 17.50 | 2.00 | 80.50 | 0.00 | 0.00 |
| HWPT0003 | 9/11/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0004 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0005 | 9/11/01 | 0.00 | 18.80 | 0.60 | 80.60 | 0.00 | 0.00 |
| HWPT0006 | 9/11/01 | 0.00 | 19.20 | 0.30 | 80.50 | 0.00 | 0.00 |
| HWPT0007 | 9/11/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0008 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0009 | 9/11/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0010 | 9/11/01 | 0.00 | 18.60 | 0.70 | 80.70 | 0.00 | 0.00 |
| HWPT0011 | 9/11/01 | 0.00 | 14.60 | 1.30 | 84.10 | 0.00 | 0.00 |
| HWPT0012 | 9/11/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0013 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0014 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0015 | 9/11/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0016 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0017 | 9/11/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0018 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0019 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0020 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0021 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0022 | 9/11/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0023 | 9/11/01 | 0.00 | 18.70 | 0.90 | 80.40 | 0.00 | 0.00 |
| HWPT0024 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0025 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0026 | 9/11/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0027 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0028 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0029 | 9/11/01 | 0.00 | 19.40 | 0.20 | 80.40 | -0.01 | 0.00 |
| HWPT0030 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0031 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0032 | 9/11/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0033 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0034 | 9/11/01 | 0.00 | 18.90 | 0.80 | 80.30 | 0.00 | 0.00 |
| HWPT0035 | 9/11/01 | 0.00 | 18.30 | 1.00 | 80.70 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0036 | 9/11/01 | 0.00 | 16.80 | 2.80 | 80.40 | 0.00 | 0.00 |
| HWPT0037 | 9/11/01 | 0.00 | 19.30 | 0.20 | 80.50 | 0.00 | 0.00 |
| HWPT0038 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0039 | 9/11/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0040 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0041 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0042 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0043 | 9/11/01 | 0.00 | 18.90 | 0.70 | 80.40 | 0.00 | 0.00 |
| HWPT0044 | 9/11/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0045 | 9/11/01 | 0.00 | 17.60 | 1.80 | 80.60 | 0.00 | 0.00 |
| HWPT0046 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0047 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0048 | 9/11/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0049 | 9/11/01 | 0.00 | 18.80 | 1.10 | 80.10 | 0.00 | 0.00 |
| HWPT0050 | 9/11/01 | 0.00 | 18.20 | 1.70 | 80.10 | 0.00 | 0.00 |
| HWPT0051 | 9/11/01 | 0.00 | 18.90 | 0.90 | 80.20 | 0.00 | 0.00 |
| HWPT0052 | 9/11/01 | 0.00 | 19.10 | 0.60 | 80.30 | 0.00 | 0.00 |
| HWPT0053 | 9/11/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0054 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0055 | 9/11/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0056 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0057 | 9/11/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0058 | 9/11/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0059 | 9/11/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0060 | 9/11/01 | 0.00 | 18.80 | 0.90 | 80.30 | 0.00 | 0.00 |
| HWPT0061 | 9/11/01 | 0.00 | 19.50 | 0.10 | 80.40 | 0.00 | 0.00 |
| HWPT0062 | 9/11/01 | 0.00 | 18.70 | 0.90 | 80.40 | 0.00 | 0.00 |
| HWPT0063 | 9/11/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0064 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0065 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0066 | 9/11/01 | 0.00 | 19.60 | 0.10 | 80.30 | 0.00 | 0.00 |
| HWPT0067 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0068 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0069 | 9/11/01 | 0.00 | 19.30 | 0.10 | 80.60 | 0.00 | 0.00 |
| HWPT0070 | 9/11/01 | 0.00 | 19.10 | 0.30 | 80.60 | 0.00 | 0.00 |
| HWPT0071 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0072 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.01 | 0.00 |
| HWPT0073 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0074 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |

# Hewitt Pit
# Probe Report for All Probes
## 9/01/2001 to 9/30/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0075 | 9/11/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0076 | 9/11/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0077 | 9/11/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0078 | 9/11/01 | 0.00 | 17.20 | 1.80 | 81.00 | 0.00 | 0.00 |
| HWPT0079 | 9/11/01 | 0.00 | 16.20 | 2.60 | 81.20 | 0.00 | 0.00 |
| HWPT0080 | 9/11/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0081 | 9/11/01 | 0.00 | 18.80 | 0.60 | 80.60 | 0.00 | 0.00 |
| HWPT0001 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0002 | 9/18/01 | 0.00 | 17.80 | 2.00 | 80.20 | 0.00 | 0.00 |
| HWPT0003 | 9/18/01 | 0.00 | 19.70 | 0.20 | 80.10 | 0.00 | 0.00 |
| HWPT0004 | 9/18/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0005 | 9/18/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0006 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0007 | 9/18/01 | 0.00 | 19.80 | 0.20 | 80.00 | 0.00 | 0.00 |
| HWPT0008 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0009 | 9/18/01 | 0.00 | 19.90 | 0.10 | 80.00 | 0.00 | 0.00 |
| HWPT0010 | 9/18/01 | 0.00 | 18.70 | 0.90 | 80.40 | 0.00 | 0.00 |
| HWPT0011 | 9/18/01 | 0.00 | 14.60 | 1.40 | 84.00 | -0.05 | 0.00 |
| HWPT0012 | 9/18/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0013 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0014 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0015 | 9/18/01 | 0.00 | 19.30 | 0.60 | 80.10 | 0.00 | 0.00 |
| HWPT0016 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0017 | 9/18/01 | 0.00 | 19.80 | 0.10 | 80.10 | 0.00 | 0.00 |
| HWPT0018 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.10 |
| HWPT0019 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0020 | 9/18/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0021 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0022 | 9/18/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0023 | 9/18/01 | 0.00 | 18.80 | 1.00 | 80.20 | 0.00 | 0.00 |
| HWPT0024 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0025 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0026 | 9/18/01 | 0.00 | 19.70 | 0.30 | 80.00 | 0.00 | 0.00 |
| HWPT0027 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0028 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0029 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0030 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0031 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0032 | 9/18/01 | 0.00 | 19.60 | 0.30 | 80.10 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0033 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0034 | 9/18/01 | 0.00 | 19.20 | 0.70 | 80.10 | 0.00 | 0.00 |
| HWPT0035 | 9/18/01 | 0.00 | 18.00 | 1.60 | 80.40 | 0.00 | 0.00 |
| HWPT0036 | 9/18/01 | 0.00 | 16.90 | 2.90 | 80.20 | 0.00 | 0.00 |
| HWPT0037 | 9/18/01 | 0.00 | 19.20 | 0.40 | 80.40 | 0.00 | 0.00 |
| HWPT0038 | 9/18/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0039 | 9/18/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0040 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0041 | 9/18/01 | 0.00 | 19.40 | 0.30 | 80.30 | 0.00 | 0.00 |
| HWPT0042 | 9/18/01 | 0.00 | 19.30 | 0.40 | 80.30 | 0.00 | 0.00 |
| HWPT0043 | 9/18/01 | 0.00 | 19.20 | 0.50 | 80.30 | 0.00 | 0.00 |
| HWPT0044 | 9/18/01 | 0.00 | 19.30 | 0.50 | 80.20 | 0.00 | 0.00 |
| HWPT0045 | 9/18/01 | 0.00 | 17.20 | 2.00 | 80.80 | 0.00 | 0.00 |
| HWPT0046 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0047 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0048 | 9/18/01 | 0.00 | 19.50 | 0.30 | 80.20 | 0.00 | 0.00 |
| HWPT0049 | 9/18/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0050 | 9/18/01 | 0.00 | 18.20 | 1.80 | 80.00 | 0.00 | 0.00 |
| HWPT0051 | 9/18/01 | 0.00 | 19.20 | 0.80 | 80.00 | 0.00 | 0.00 |
| HWPT0052 | 9/18/01 | 0.00 | 19.00 | 0.70 | 80.30 | 0.00 | 0.00 |
| HWPT0053 | 9/18/01 | 0.00 | 19.60 | 0.20 | 80.20 | 0.00 | 0.00 |
| HWPT0054 | 9/18/01 | 0.00 | 18.70 | 1.10 | 80.20 | 0.00 | 0.00 |
| HWPT0055 | 9/18/01 | 0.00 | 19.30 | 0.60 | 80.10 | 0.00 | 0.00 |
| HWPT0056 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | -0.01 | 0.00 |
| HWPT0057 | 9/18/01 | 0.00 | 19.50 | 0.40 | 80.10 | 0.00 | 0.00 |
| HWPT0058 | 9/18/01 | 0.10 | 19.60 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0059 | 9/18/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0060 | 9/18/01 | 0.00 | 19.30 | 0.60 | 80.10 | 0.00 | 0.00 |
| HWPT0061 | 9/18/01 | 0.10 | 19.60 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0062 | 9/18/01 | 0.00 | 19.00 | 0.80 | 80.20 | 0.00 | 0.00 |
| HWPT0063 | 9/18/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0064 | 9/18/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0065 | 9/18/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0066 | 9/18/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0067 | 9/18/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0068 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0069 | 9/18/01 | 0.00 | 19.70 | 0.10 | 80.20 | 0.00 | 0.00 |
| HWPT0070 | 9/18/01 | 0.00 | 19.30 | 0.30 | 80.40 | -0.01 | 0.00 |
| HWPT0071 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0072 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0073 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0074 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0075 | 9/18/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0076 | 9/18/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0077 | 9/18/01 | 0.00 | 20.00 | 0.00 | 80.00 | 0.00 | 0.00 |
| HWPT0078 | 9/18/01 | 0.10 | 17.70 | 1.60 | 80.60 | 0.00 | 0.00 |
| HWPT0079 | 9/18/01 | 0.00 | 17.00 | 1.90 | 81.10 | 0.00 | 0.00 |
| HWPT0080 | 9/18/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0081 | 9/18/01 | 0.00 | 19.00 | 0.50 | 80.50 | 0.00 | 0.00 |
| HWPT0001 | 9/25/01 | 0.00 | 16.90 | 0.60 | 82.50 | 0.00 | 0.00 |
| HWPT0002 | 9/25/01 | 0.00 | 16.20 | 1.90 | 81.90 | 0.00 | 0.00 |
| HWPT0003 | 9/25/01 | 0.00 | 18.30 | 0.10 | 81.60 | 0.00 | 0.00 |
| HWPT0004 | 9/25/01 | 0.00 | 18.20 | 0.10 | 81.70 | 0.00 | 0.00 |
| HWPT0005 | 9/25/01 | 0.00 | 18.40 | 0.10 | 81.50 | 0.00 | 0.00 |
| HWPT0006 | 9/25/01 | 0.00 | 19.00 | 0.00 | 81.00 | 0.00 | 0.00 |
| HWPT0007 | 9/25/01 | 0.00 | 18.80 | 0.20 | 81.00 | 0.00 | 0.00 |
| HWPT0007 | 9/25/01 | 0.00 | 18.80 | 0.20 | 81.00 | 0.00 | 0.00 |
| HWPT0008 | 9/25/01 | 0.00 | 19.20 | 0.00 | 80.80 | 0.00 | 0.00 |
| HWPT0009 | 9/25/01 | 0.00 | 18.00 | 0.10 | 80.90 | 0.00 | 0.00 |
| HWPT0010 | 9/25/01 | 0.00 | 18.40 | 0.30 | 81.30 | 0.00 | 0.00 |
| HWPT0011 | 9/25/01 | 0.00 | 14.10 | 1.00 | 84.90 | 0.00 | 0.00 |
| HWPT0012 | 9/25/01 | 0.00 | 18.80 | 0.20 | 81.00 | 0.00 | 0.00 |
| HWPT0014 | 9/25/01 | 0.00 | 19.10 | 0.00 | 80.90 | 0.00 | 0.00 |
| HWPT0015 | 9/25/01 | 0.00 | 19.10 | 0.00 | 80.90 | 0.00 | 0.00 |
| HWPT0016 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0017 | 9/25/01 | 0.00 | 19.10 | 0.00 | 80.90 | 0.00 | 0.00 |
| HWPT0018 | 9/25/01 | 0.00 | 19.30 | 0.00 | 80.70 | 0.00 | 0.00 |
| HWPT0019 | 9/25/01 | 0.00 | 19.30 | 0.00 | 80.70 | 0.00 | 0.00 |
| HWPT0020 | 9/25/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0021 | 9/25/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0022 | 9/25/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0023 | 9/25/01 | 0.00 | 19.10 | 0.20 | 80.70 | 0.00 | 0.00 |
| HWPT0024 | 9/25/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0025 | 9/25/01 | 0.00 | 19.10 | 0.10 | 80.80 | 0.00 | 0.00 |
| HWPT0026 | 9/25/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0027 | 9/25/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0028 | 9/25/01 | 0.00 | 19.60 | 0.00 | 80.40 | 0.00 | 0.00 |
| HWPT0029 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
### 9/01/2001 to 9/30/2001

| Probe ID | Date | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| | | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0030 | 9/25/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0031 | 9/25/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0032 | 9/25/01 | 0.00 | 19.40 | 0.20 | 80.40 | 0.00 | 0.00 |
| HWPT0033 | 9/25/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0034 | 9/25/01 | 0.00 | 18.90 | 0.60 | 80.50 | 0.00 | 0.00 |
| HWPT0035 | 9/25/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0036 | 9/25/01 | 0.00 | 16.80 | 2.60 | 80.60 | 0.00 | 0.00 |
| HWPT0037 | 9/25/01 | 0.00 | 18.90 | 0.40 | 80.70 | 0.00 | 0.00 |
| HWPT0038 | 9/25/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0039 | 9/25/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0040 | 9/25/01 | 0.00 | 19.70 | 0.00 | 80.30 | 0.00 | 0.00 |
| HWPT0041 | 9/25/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0042 | 9/25/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0043 | 9/25/01 | 0.00 | 18.90 | 0.40 | 80.70 | 0.00 | 0.00 |
| HWPT0044 | 9/25/01 | 0.00 | 19.20 | 0.20 | 80.60 | 0.00 | 0.00 |
| HWPT0045 | 9/25/01 | 0.00 | 17.40 | 1.20 | 81.40 | 0.00 | 0.00 |
| HWPT0046 | 9/25/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0047 | 9/25/01 | 0.00 | 19.90 | 0.00 | 80.10 | 0.00 | 0.00 |
| HWPT0048 | 9/25/01 | 0.00 | 19.30 | 0.30 | 80.40 | 0.00 | 0.00 |
| HWPT0049 | 9/25/01 | 0.00 | 18.40 | 1.20 | 80.40 | 0.00 | 0.00 |
| HWPT0050 | 9/25/01 | 0.00 | 18.50 | 0.80 | 80.70 | 0.00 | 0.00 |
| HWPT0051 | 9/25/01 | 0.00 | 18.80 | 0.80 | 80.40 | 0.00 | 0.00 |
| HWPT0052 | 9/25/01 | 0.00 | 18.80 | 0.60 | 80.60 | 0.00 | 0.00 |
| HWPT0053 | 9/25/01 | 0.00 | 19.20 | 0.20 | 80.60 | 0.00 | 0.00 |
| HWPT0054 | 9/25/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0055 | 9/25/01 | 0.00 | 18.90 | 0.70 | 80.40 | 0.00 | 0.00 |
| HWPT0056 | 9/25/01 | 0.00 | 19.80 | 0.00 | 80.20 | 0.00 | 0.00 |
| HWPT0057 | 9/25/01 | 0.00 | 19.10 | 0.40 | 80.50 | 0.00 | 0.00 |
| HWPT0058 | 9/25/01 | 0.00 | 19.20 | 0.20 | 80.60 | 0.00 | 0.00 |
| HWPT0059 | 9/25/01 | 0.00 | 19.50 | 0.00 | 80.50 | 0.00 | 0.00 |
| HWPT0060 | 9/25/01 | 0.00 | 18.40 | 0.90 | 80.70 | 0.00 | 0.00 |
| HWPT0061 | 9/25/01 | 0.00 | 19.20 | 0.10 | 80.70 | 0.00 | 0.00 |
| HWPT0062 | 9/25/01 | 0.00 | 18.40 | 0.90 | 80.70 | 0.00 | 0.00 |
| HWPT0063 | 9/25/01 | 0.00 | 19.30 | 0.00 | 80.70 | 0.00 | 0.00 |
| HWPT0064 | 9/25/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |
| HWPT0065 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0066 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0067 | 9/25/01 | 0.00 | 19.30 | 0.00 | 80.70 | 0.00 | 0.00 |
| HWPT0068 | 9/25/01 | 0.00 | 19.40 | 0.10 | 80.50 | 0.00 | 0.00 |

# Hewitt Pit
## Probe Report for All Probes
9/01/2001 to 9/30/2001

| | | Gas Composition | | | | Pressure | |
|---|---|---|---|---|---|---|---|
| Probe ID | Date | CH4 | O2 | CO2 | N2-Bal | Static | Atmospheric |
| HWPT0069 | 9/25/01 | 0.00 | 19.10 | 0.10 | 80.80 | 0.00 | 0.00 |
| HWPT0070 | 9/25/01 | 0.00 | 18.90 | 0.30 | 80.80 | 0.00 | 0.00 |
| HWPT0071 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0072 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0073 | 9/25/01 | 0.00 | 19.30 | 0.00 | 80.70 | 0.00 | 0.00 |
| HWPT0074 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0075 | 9/25/01 | 0.00 | 19.10 | 0.00 | 80.90 | 0.00 | 0.00 |
| HWPT0076 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0077 | 9/25/01 | 0.00 | 19.40 | 0.00 | 80.60 | 0.00 | 0.00 |
| HWPT0078 | 9/25/01 | 0.00 | 12.30 | 6.90 | 80.80 | 0.00 | 0.00 |
| HWPT0079 | 9/25/01 | 0.00 | 16.60 | 1.60 | 81.80 | 0.00 | 0.00 |
| HWPT0080 | 9/25/01 | 0.00 | 19.10 | 0.00 | 80.90 | 0.00 | 0.00 |
| HWPT0081 | 9/25/01 | 0.00 | 18.50 | 0.70 | 80.80 | 0.00 | 0.00 |

# Attachment 2

## DATAFIELD PROBE IDENTIFICATION TABLE


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# Hewitt Pit
## Probe I.D. Cross Reference List

| BY DATAFIELD | |
|---|---|
| Probe ID Datafield | Monitoring Probe ID's |
| HWPT0001 | 1 |
| HWPT0002 | 1A |
| HWPT0003 | 2 |
| HWPT0004 | 2A |
| HWPT0005 | 3B |
| HWPT0006 | 4 |
| HWPT0007 | 4A |
| HWPT0008 | 5 |
| HWPT0009 | 5A |
| HWPT0010 | 6B |
| HWPT0011 | 6C |
| HWPT0012 | 6D |
| HWPT0013 | 7 |
| HWPT0014 | 7A |
| HWPT0015 | 8A |
| HWPT0016 | 9 |
| HWPT0017 | 10 |
| HWPT0018 | 10A |
| HWPT0019 | 11B |
| HWPT0020 | 12B |
| HWPT0021 | 13B |
| HWPT0022 | 13D |
| HWPT0023 | 13C |
| HWPT0024 | 1B' |
| HWPT0025 | 1C' |
| HWPT0026 | 13X |
| HWPT0027 | 14B |
| HWPT0028 | 14C |
| HWPT0029 | 2B' |
| HWPT0030 | 2C' |
| HWPT0031 | 15A |
| HWPT0032 | 3B' |
| HWPT0033 | 3C' |
| HWPT0034 | 4B' |
| HWPT0035 | 4C' |
| HWPT0036 | 16A |
| HWPT0037 | 5B' |
| HWPT0038 | 5C' |
| HWPT0039 | 16X |
| HWPT0040 | 17A |
| HWPT0041 | 6A' |
| HWPT0042 | 6C' |

| BY DATAFIELD | |
|---|---|
| Probe ID Datafield | Monitoring Probe ID's |
| HWPT0043 | 7B' |
| HWPT0044 | 7C' |
| HWPT0045 | 18B |
| HWPT0046 | 8B |
| HWPT0047 | 8C' |
| HWPT0048 | 19 |
| HWPT0049 | 20 |
| HWPT0050 | 20A |
| HWPT0051 | 22 |
| HWPT0052 | 22A |
| HWPT0053 | 23 |
| HWPT0054 | 24 |
| HWPT0055 | 24A |
| HWPT0056 | 25 |
| HWPT0057 | 25A |
| HWPT0058 | 26 |
| HWPT0059 | 26A |
| HWPT0060 | 26B |
| HWPT0061 | 27 |
| HWPT0062 | 27A |
| HWPT0063 | 28 |
| HWPT0064 | 30A |
| HWPT0065 | 31 |
| HWPT0066 | 31A |
| HWPT0067 | 32 |
| HWPT0068 | 32A |
| HWPT0069 | 33 |
| HWPT0070 | 34 |
| HWPT0071 | 35 |
| HWPT0072 | 36B |
| HWPT0073 | 37 |
| HWPT0074 | 38 |
| HWPT0075 | 39 |
| HWPT0076 | 40 |
| HWPT0077 | 41 |
| HWPT0078 | 42 |
| HWPT0079 | 43 |
| HWPT0080 | 45 |
| HWPT0081 | 46 |

# Attachment 3

## LABORATORY RESULTS FOR TACs IN PROBE P42 (DATAFIELD HWPT 0078)


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OCT 03 2001

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laboratory services

# LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Tedlar Bag Sample

Report Date: October 1, 2001
Client: GC Environmental
Project Location: Hewitt Pit LF, N.Hollywood
Client Project No.: 1003-1 Hewitt Pit
Date Received: September 20, 2001
Date Analyzed: September 20 & 21, 2001

AtmAA Lab No.: 02631-12
Sample I.D.: HWPT 0078

| Components | (Concentration in %,v) |
|---|---|
| Nitrogen | 77.4 |
| Oxygen | 13.6 |
| Carbon dioxide | 8.50 |
| | (Concentration in ppmv) |
| Methane | 3.75 |
| TGNMO | 10.2 |
| | (Concentration in ppbv) |
| Hydrogen sulfide | <500 |
| Benzene | 0.29 |
| Benzylchloride | <0.8 |
| Chlorobenzene | <0.2 |
| Dichlorobenzenes* | <1.1 |
| 1,1-dichloroethane | <0.2 |
| 1,2-dichloroethane | <0.2 |
| 1,1-dichloroethylene | <0.2 |
| Dichloromethane | 0.81 |
| Perchloroethene | 3.38 |
| Carbon tetrachloride | 0.18 |
| Toluene | 10.4 |
| 1,1,1-trichloroethane | 1.58 |
| Trichloroethene | 0.20 |
| Chloroform | 0.31 |
| Vinyl chloride | <0.2 |
| m+p-xylenes | 15.2 |
| o-xylene | 4.93 |

*The accuracy of permanent gas analysis by TCD/GC is +/- 2%, actual results are reported.*
*The reported oxygen concentration includes any argon present in the sample. Calibration is based on a standard atmosphere containing 20.95% oxygen and 0.93% argon.*
*TGNMO is total gaseous non-methane organics measured and reported as ppm methane.*
** total amount containing meta, para, and ortho isomers*

*Michael L. Porter*
*Laboratory Director*

QUALITY ASSURANCE SUMMARY
*(Repeat Analyses)*

Client Project No.: 1003-1 Hewitt Pit
Date Received: September 20, 2001
Date Analyzed: September 20 & 21, 2001

| Components | Sample ID | Repeat Analysis Run #1 | Repeat Analysis Run #2 | Mean Conc. | % Diff. From Mean |
|---|---|---|---|---|---|
| | | *(Concentration in %,v)* | | | |
| Nitrogen | HWPT 0078 | 77.3 | 77.5 | 77.4 | 0.13 |
| Oxygen | HWPT 0078 | 13.5 | 13.6 | 13.6 | 0.37 |
| Carbon dioxide | HWPT 0078 | 8.42 | 8.58 | 8.50 | 0.94 |
| | | *(Concentration in ppmv)* | | | |
| Methane | HWPT 0078 | 3.59 | 3.91 | 3.75 | 4.3 |
| TGNMO | HWPT 0078 | 10.2 | 10.3 | 10.2 | 0.49 |
| | | *(Concentration in ppbv)* | | | |
| Hydrogen sulfide | HWPT 0078 | <500 | <500 | --- | --- |
| Benzene | HWPT 0078 | 0.28 | 0.30 | 0.29 | 3.4 |
| Benzylchloride | HWPT 0078 | <0.8 | <0.8 | --- | --- |
| Chlorobenzene | HWPT 0078 | <0.2 | <0.2 | --- | --- |
| Dichlorobenzenes | HWPT 0078 | <1.1 | <1.1 | --- | --- |
| 1,1-dichloroethane | HWPT 0078 | <0.2 | <0.2 | --- | --- |
| 1,2-dichloroethane | HWPT 0078 | <0.2 | <0.2 | --- | --- |
| 1,1-dichloroethylene | HWPT 0078 | <0.2 | <0.2 | --- | --- |
| Dichloromethane | HWPT 0078 | 0.85 | 0.77 | 0.81 | 4.9 |
| Perchloroethene | HWPT 0078 | 3.37 | 3.39 | 3.38 | 0.30 |
| Carbon tetrachloride | HWPT 0078 | 0.18 | 0.19 | 0.18 | 2.7 |
| Toluene | HWPT 0078 | 10.1 | 10.8 | 10.4 | 3.3 |
| 1,1,1-trichloroethane | HWPT 0078 | 1.53 | 1.62 | 1.58 | 2.8 |
| Trichloroethene | HWPT 0078 | 0.18 | 0.22 | 0.20 | 10 |

QUALITY ASSURANCE SUMMARY

*(Repeat Analyses)*

*(continued)*

| Components | Sample ID | Repeat Analysis Run #1 | Repeat Analysis Run #2 | Mean Conc. | % Diff. From Mean |
|---|---|---|---|---|---|
| | | *(Concentration in ppbv)* | | | |
| Chloroform | HWPT 0078 | 0.31 | 0.31 | 0.31 | 0.0 |
| Vinyl chloride | HWPT 0078 | <0.2 | <0.2 | --- | --- |
| m+p-xylenes | HWPT 0078 | 16.0 | 14.4 | 15.2 | 5.3 |
| o-xylene | HWPT 0078 | 4.99 | 4.87 | 4.93 | 1.2 |

*One Tedlar bag sample, laboratory number 02631-12, was analyzed for SCAQMD Rule 1150.1 components, permanent gases, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% Difference from Mean". Repeat analyses are an important part of AtmAA's quality assurance program. The average % Difference from Mean for 15 repeat measurements from the one Tedlar bag sample is 2.7%.*

# CHAIN OF CUSTODY RECORD

| Client/Project Name | Project Location |
|---|---|
| GC Environmental | Hewitt LF, N. Hollywood |
| **Project No.** | **Field Logbook No.** |
| 1003-1 Hewitt Pit | |
| **Sampler: (Signature)** | **Chain of Custody Tape No.** |
| B. Milly | |

ANALYSES

| Sample No./ Identification | Date | Time | Lab Sample Number | Type of Sample | Permanent Gases | TGNMO | TPH | VOC's List | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HWPT 0078 | 9/20/01 | 11:50 | 02631-12 | | X | X | | X | | | |
| | | | | | X | X | | X | | | |

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| B. Milly | 9/20/01 | 12:25PM | [illegible] | 9/20/01 | 1225 |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
| | | | | | |
| Relinquished by: (Signature) | Date | Time | Received for Laboratory: (Signature) | Date | Time |
| | | | | | |
| Sample Disposal Method: | Disposed of by: (Signature) | | | Date | Time |
| | | | | | |

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01-080BN

1974-3-84

# Attachment 4

# ANNUAL SOURCE TEST REPORT


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## 3. SUMMARY OF RESULTS

The results of the total non-methane hydrocarbon testing at the flare inlet and outlet are provided in Table 3-1. The flare NMOC destruction efficiency was 98.6%, which is within the SCAQMD Rule 1150.1 limit of 98%. Flare NMOC exhaust concentration was 0.70 ppm $C_6$ @ 3% $O_2$, which is well within the SCAQMD Rule 1150.1 limit of 20 ppm $C_6$ @ 3% $O_2$.

### Test Critique

No sampling or analytical problems were encountered during any part of the test.

**Table 3-1**
Destruction Efficiency
Results
Hewitt Landfill Flare
September 20,2001

**NMOC Destruction Efficiency**

| | | INLET Flow rate | 640 | dscfm | | OUTLET Flow rate | 3335 | dscfm |
|---|---|---|---|---|---|---|---|---|
| Species | Conc. (ppm) | Conc. (mg/dscf) | Em. Rate (lb/hr) | | Conc. (ppm) | Conc. (mg/dscf) | Em. Rate (lb/hr) | Dest. Eff. (%) |
| Total Non-Methane Organics | 785 | 15.01 | 1.27 | | 2.14 | 0.041 | 0.018 | 98.58 |

**NMOC Outlet Concentration**

$$\frac{2.14 \text{ ppm TGNMO as } CH_4}{6} \times \frac{20.9\% \ O_2 - 3\% \ O_2}{20.9\% \ O_2 - 11.8\% \ O_2} = \underline{0.70 \text{ ppm}} \text{ NMOC as Hexane @ } 3\% O_2$$