

AP - 002

STAGE 1 & 2 REPORTS

DATE:

MAY 8, 1998



FAX TRANSMISSION

BBC INTERNATIONAL, INC.
World-Wide Environmental Specialists
P. O. Box 297
1324 W. Marland Blvd.
Hobbs, New Mexico 88241
505-397-6388
Fax: 505-397-0397
E-Mail: bbc@bbcinternational.com

To: William C. Olson **Date:** May 8, 1998
Company: Oil Conservation Division **Pages:** 19, including this cover sheet.
Fax #: 1-505-827-8177
From: Cliff P. Brunson, CEI, CRS
Subject: Grimes Batt./Tasker Road Sites

COMMENTS:

Bill,

Please find the following summary report covering the site maintenance activities we conducted on the Grimes Battery and Tasker Road sites per your approval letter of April 23, 1998.

A hard copy has been mailed to you and supplied to the Hobbs office personnel listed as copy recipients.

Thank you. If you have any questions, please call me at the above number.

Regards,

Cliff P. Brunson
President

HOBBS, NEW MEXICO HOUSTON, TEXAS KUWAIT CITY, KUWAIT CALGARY, ALBERTA FORT HARCOURT & WARRI, NIGERIA

WORLD-WIDE ENVIRONMENTAL / BIOREMEDIATION SPECIALISTS



PHONE (505) 397-6388 • FAX (505) 397-0397 • 1324 W. MARLAND • P.O. BOX 297 • HOBBS, NM 88241-0297
E-MAIL: bbc@bbcinternational.com

May 8, 1998

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

RE: Grimes Lease/Tasker Road Site Maintenance

Dear Mr. Olson:

On behalf of Shell Petroleum Exploration and Technology Company, BBC International, Inc. submits this report of site activities conducted on the above mentioned sites pursuant to your approval letter of April 23, 1998.

Below is the summary of the activities conducted:

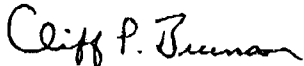
1. **Perry Residence:** The Perry's yard was maintained and cleaned of all previous site sampling debris and new top soil added for future sod replacement. The contaminated soil debris was placed on the lot to the south of the Perry home with the other previous sampling debris to be removed and disposed of later. These activities were conducted on April 27th and April 28th, 1998.
2. **Grimes Battery:** A 6' high chain link fence with a locked gate was installed around the excavated pit for site security. These activities were conducted on April 29th and April 30th, 1998.
3. **Concrete Foundation (Cobb property):** The concrete foundation was removed with a front end loader. No excavation was conducted. Air quality monitoring was conducted at all times using a photo ionization detector (PID) and all results were data-logged (see attached data-logs/graphs). A site safety and air quality plan was submitted to Mr. Wayne Price, Hobbs OCD office, for approval prior to the start of activities (see attached). After approval was given, removal and monitoring activities commenced. Visual observation of the soils beneath and around the foundation were consistent with what was observed in the earlier site sampling. Split samples were taken by Mr. Price and BBC for analysis for volatiles, semi-volatiles, and TPH. After removal of the foundation, the hole was backfilled with clean top soil for seeding of grass, pending remediation. The air monitoring

Page 2-Grimes/Tasker Maint.-OCD-5/8/98

showed no readings unless the PID was placed right next the contaminated soils. Periodic walk around monitoring was conducted and no significant readings were observed. Occasionally, a small spike would appear, which could be attributed to the heavy machinery's exhaust. This was observed and concurred by Mr. Price. At no time during this procedure was the health of the public impacted. Constant watering of the site was conducted for dust control. Air monitoring of site was conducted the evening of May 6th, per Mr. Price's instructions, to check for any emissions. None were detected (see attached data-logs). A total of 38 cubic yards of clean concrete debris was disposed off at the public land fill. A total of 10 cubic yards of contaminated concrete debris and the previous sampling debris that was scraped from the surface around the foundation was disposed of at the OCD-approved Sundance Services Parabo Facility in Eunice, NM. Final site activity included the tilling in of grass seed. The site will be watered occasionally for dust control and grass growth. All activities were monitored by Mr. Price. These activities were conducted on May 6th, 7th, and 8th, 1998.

If you have any questions, please contact myself or Mr. Wayne Hamilton, Shell E & P Technology Company at (281) 544-2322.

Sincerely,



Cliff P. Brunson, CEI, CRS
President

CPB:mo

cc: Wayne Hamilton-Shell E & P Technology Company
Chris Williams-OCD, Hobbs
Wayne Price-OCD, Hobbs

attachments



Site Safety & Health Plan

Tasker Road - Hobbs, New Mexico

May 6, 1998

Procedures:

- 1.) Perform tailgate site safety meeting prior to start of any activities. Written document will be signed by all attendees and social security numbers.
- 2.) Site Project Manager: Joe Frank Dean, BBC International, Inc.
- 3.) Site phone number: (505) 390-6103
- 4.) Emergency Phone Numbers: 397-6388 (24 hrs.) - BBC International, Inc.
911- (Police, Fire, Ambulance)
392-5571 - Dr. Hood (company Doctor)
392-9212 - Columbia Lea Regional Medical Center
- 5.) Safety Coordinator - Terry Brem - 393-6169
- 6.) H₂S monitors will be in place or on person while on location at all times.
- 7.) 3 gas monitor will be on location at all times.
- 8.) A photo ionization detector will be on site at all times to monitor for volatile organic compounds (VOCs).
- 9.) A first aid kit will be on location at all times.
- 10.) All first aid injuries or needs will be reported to the Site Project Manager first, then further action will be taken if necessary.
- 11.) All personnel will have personal protection equipment (PPE). As a minimum, hard hats, steel toe safety shoes, gloves, and safety glasses.



Air Quality Corrective Action & Health Plan
Tasker Road - Hobbs, New Mexico
May 6, 1998

Procedures:

- 1.) A photo ionization detector (PID) will be on site at all times to monitor for fugitive volatile organic compounds (VOCs). A ToxicRae PGM-30D instrument will be used to monitor the air.
- 2.) The vapors to be monitored are: toluene, benzene, and xylene. The action limits are:

TWA:	10ppm
STEL:	25 ppm
Low:	50 ppm
High:	100 ppm
- 3.) The PID will be on at all times and will be placed near excavation sites and will be used to monitor the site area in a walk around of the site perimeter periodically.
- 4.) The readings will be instantaneous and all readings will be data-logged at an interval of every 60 seconds. All data-logging information will be down loaded to a PC after completion of site activities. Print outs will be generated.
- 5.) Corrective Action: In the event fugitive emissions exceed alarm limits continuously, all site excavation activities will be suspended, fresh soil placed on top of the emission source, the OCD notified, home office notified, and any residents potentially affected will be notified.
- 6.) Site Project Manager: Joe Frank Dean, BBC International, Inc.
- 7.) Site phone number: (505) 390-6103
- 8.) Emergency Phone Numbers: 397-6388 (24 hrs.) - BBC International, Inc.
911 - (Police, Fire, Ambulance)
392-5571 - Dr. Hood (company Doctor)
392-9212 - Columbia Lea Regional Medical Center
- 9.) Safety Coordinator - Terry Brem - 393-6169
- 10.) H₂S monitors will be in place or on person while on location at all times.
- 11.) 3 gas monitor will be on location at all times.
- 12.) A photo ionization detector will be on site at all times to monitor for volatile organic compounds (VOCs).
- 13.) A first aid kit will be on location at all times.
- 14.) All first aid injuries or needs will be reported to the Site Project Manager first, then further action will be taken if necessary.
- 15.) All personnel will have personal protection equipment (PPE). As a minimum, hard hats, steel toe safety shoes, gloves, and safety glasses.

S/N:000212

User ID:9098

e ID:1001

Cal:6/1 34:38

103.7 ppm

Year:1998

Period(S):60

a Pts:348

Chk:6/1 34:39

103.7 ppm

Date Time

Min Avg

Max

High

Low

STEL

TWA

ppm

100.0

50.0

25.0

10.0

STEL

TWA

Date	Time	Min	Avg	Max	High	Low	STEL	TWA
05/06	10:54	0.0	0.0	0.0			0.0	0.0
	10:55	0.0	0.0	1.9			0.0	0.0
	10:56	0.0	0.0	0.0			0.0	0.0
	10:57	0.0	0.0	0.0			0.0	0.0
	10:58	0.0	0.0	0.0			0.0	0.0
	10:59	0.0	0.0	0.0			0.0	0.0
	11: 0	0.0	0.0	0.0			0.0	0.0
	11: 1	0.0	0.0	0.0			0.0	0.0
	11: 2	0.0	0.1	7.9			0.0	0.0
	11: 3	0.0	0.0	0.0			0.0	0.0
	11: 4	0.0	0.0	0.0			0.0	0.0
	11: 5	0.0	0.0	0.0			0.0	0.0
	11: 6	0.0	0.1	6.4			0.0	0.0
	11: 7	0.0	0.0	0.0			0.0	0.0
	11: 8	0.0	0.0	0.0			0.0	0.0
	11: 9	0.0	0.0	0.0			0.0	0.0
	11:10	0.0	0.0	0.0			0.0	0.0
	11:11	0.0	0.0	0.0			0.0	0.0
	11:12	0.0	0.0	0.0			0.0	0.0
	11:13	0.0	0.0	0.0			0.0	0.0
	11:14	0.0	0.0	0.0			0.0	0.0
	11:15	0.0	0.0	0.0			0.0	0.0
	11:16	0.0	0.0	0.0			0.0	0.0
	11:17	0.0	0.0	0.0			0.0	0.0
	11:18	0.0	0.0	0.0			0.0	0.0
	11:19	0.0	0.0	0.0			0.0	0.0
	11:20	0.0	0.0	0.0			0.0	0.0
	11:21	0.0	0.0	3.8			0.0	0.0
	11:22	0.0	0.0	1.7			0.0	0.0
	11:23	0.0	0.0	0.0			0.0	0.0
	11:24	0.0	0.0	0.0			0.0	0.0
	11:25	0.0	0.1	3.5			0.0	0.0
	11:26	0.0	0.0	0.0			0.0	0.0
	11:27	0.0	0.0	0.0			0.0	0.0
	11:28	0.0	0.0	0.0			0.0	0.0
	11:29	0.0	0.0	0.0			0.0	0.0
	11:30	0.0	0.0	0.0			0.0	0.0
	11:31	0.0	0.0	0.0			0.0	0.0
	11:32	0.0	0.0	0.0			0.0	0.0
	11:33	0.0	0.0	0.0			0.0	0.0
	11:34	0.0	0.0	0.0			0.0	0.0
	11:35	0.0	0.1	7.0			0.0	0.0
	11:36	0.0	0.0	0.0			0.0	0.0
	11:37	0.0	0.0	0.0			0.0	0.0
	11:38	0.0	0.4	17.5			0.0	0.0
	11:39	0.0	0.0	0.0			0.0	0.0
	11:40	0.0	0.0	0.0			0.0	0.0
	11:41	0.0	0.0	0.0			0.0	0.0
	11:42	0.0	0.0	0.0			0.0	0.0
	11:43	0.0	0.0	0.0			0.0	0.0
	11:44	0.0	0.0	0.0			0.0	0.0
	11:45	0.0	0.0	0.0			0.0	0.0
	11:46	0.0	0.0	0.0			0.0	0.0
	11:47	0.0	0.0	0.0			0.0	0.0
	11:48	0.0	0.0	0.0			0.0	0.0
	11:49	0.0	0.0	0.0			0.0	0.0
	11:50	0.0	0.0	0.0			0.0	0.0
	11:51	0.0	0.0	0.0			0.0	0.0

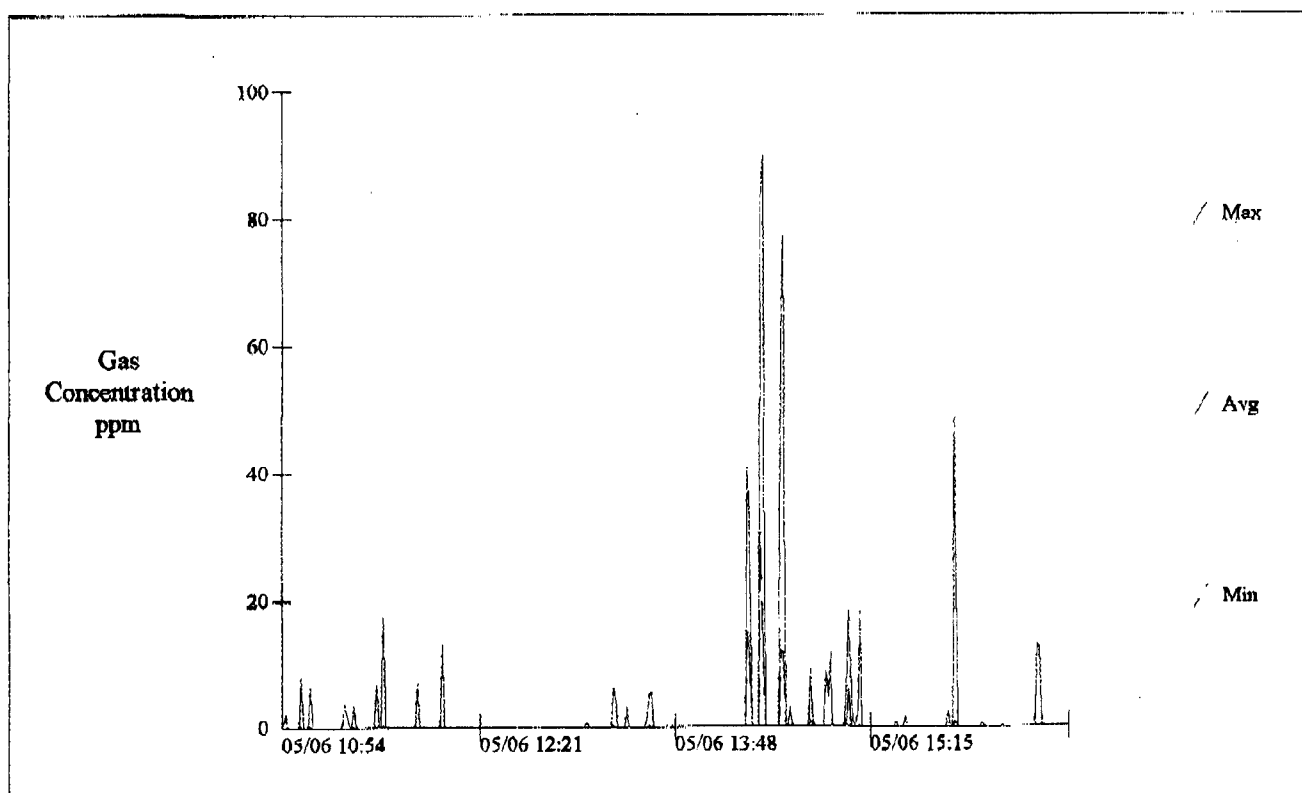
11:52	0.0	0.0	0.0	0.0	0.0
11:53	0.0	0.1	7.1	0.0	0.0
11:54	0.0	0.0	0.0	0.0	0.0
11:55	0.0	0.0	0.0	0.0	0.0
11:56	0.0	0.0	0.0	0.0	0.0
11:57	0.0	0.0	0.0	0.0	0.0
11:58	0.0	0.0	0.0	0.0	0.0
11:59	0.0	0.0	0.0	0.0	0.0
12: 0	0.0	0.0	0.0	0.0	0.0
12: 1	0.0	0.0	0.0	0.0	0.0
12: 2	0.0	0.0	0.0	0.0	0.0
12: 3	0.0	0.0	0.0	0.0	0.0
12: 4	0.0	0.2	13.1	0.0	0.0
12: 5	0.0	0.0	0.0	0.0	0.0
12: 6	0.0	0.0	0.0	0.0	0.0
12: 7	0.0	0.0	0.0	0.0	0.0
12: 8	0.0	0.0	0.0	0.0	0.0
12: 9	0.0	0.0	0.0	0.0	0.0
12:10	0.0	0.0	0.0	0.0	0.0
12:11	0.0	0.0	0.0	0.0	0.0
12:12	0.0	0.0	0.0	0.0	0.0
12:13	0.0	0.0	0.0	0.0	0.0
12:14	0.0	0.0	0.0	0.0	0.0
12:15	0.0	0.0	0.0	0.0	0.0
12:16	0.0	0.0	0.0	0.0	0.0
12:17	0.0	0.0	0.0	0.0	0.0
12:18	0.0	0.0	0.0	0.0	0.0
12:19	0.0	0.0	0.0	0.0	0.0
12:20	0.0	0.0	0.0	0.0	0.0
12:21	0.0	0.0	0.0	0.0	0.0
12:22	0.0	0.0	0.0	0.0	0.0
12:23	0.0	0.0	0.0	0.0	0.0
12:24	0.0	0.0	0.0	0.0	0.0
12:25	0.0	0.0	0.0	0.0	0.0
12:26	0.0	0.0	0.0	0.0	0.0
12:27	0.0	0.0	0.0	0.0	0.0
12:28	0.0	0.0	0.0	0.0	0.0
12:29	0.0	0.0	0.0	0.0	0.0
12:30	0.0	0.0	0.0	0.0	0.0
12:31	0.0	0.0	0.0	0.0	0.0
12:32	0.0	0.0	0.0	0.0	0.0
12:33	0.0	0.0	0.0	0.0	0.0
12:34	0.0	0.0	0.0	0.0	0.0
12:35	0.0	0.0	0.0	0.0	0.0
12:36	0.0	0.0	0.0	0.0	0.0
12:37	0.0	0.0	0.0	0.0	0.0
12:38	0.0	0.0	0.0	0.0	0.0
12:39	0.0	0.0	0.0	0.0	0.0
12:40	0.0	0.0	0.0	0.0	0.0
12:41	0.0	0.0	0.0	0.0	0.0
12:42	0.0	0.0	0.0	0.0	0.0
12:43	0.0	0.0	0.0	0.0	0.0
12:44	0.0	0.0	0.0	0.0	0.0
12:45	0.0	0.0	0.0	0.0	0.0
12:46	0.0	0.0	0.0	0.0	0.0
12:47	0.0	0.0	0.0	0.0	0.0
12:48	0.0	0.0	0.0	0.0	0.0
12:49	0.0	0.0	0.0	0.0	0.0
12:50	0.0	0.0	0.0	0.0	0.0
12:51	0.0	0.0	0.0	0.0	0.0
12:52	0.0	0.0	0.0	0.0	0.0
12:53	0.0	0.0	0.0	0.0	0.0
12:54	0.0	0.0	0.0	0.0	0.0
12:55	0.0	0.0	0.0	0.0	0.0

12:56	0.0	0.0	0.0	0.0	0.0
12:57	0.0	0.0	0.0	0.0	0.0
12:58	0.0	0.0	0.0	0.0	0.0
12:59	0.0	0.0	0.0	0.0	0.0
13: 0	0.0	0.0	0.0	0.0	0.0
13: 1	0.0	0.0	0.0	0.0	0.0
13: 2	0.0	0.0	0.0	0.0	0.0
13: 3	0.0	0.0	0.0	0.0	0.0
13: 4	0.0	0.0	0.0	0.0	0.0
13: 5	0.0	0.0	0.0	0.0	0.0
13: 6	0.0	0.0	0.0	0.0	0.0
13: 7	0.0	0.0	0.0	0.0	0.0
13: 8	0.0	0.0	0.7	0.0	0.0
13: 9	0.0	0.0	0.0	0.0	0.0
13:10	0.0	0.0	0.0	0.0	0.0
13:11	0.0	0.0	0.0	0.0	0.0
13:12	0.0	0.0	0.0	0.0	0.0
13:13	0.0	0.0	0.0	0.0	0.0
13:14	0.0	0.0	0.0	0.0	0.0
13:15	0.0	0.0	0.0	0.0	0.0
13:16	0.0	0.0	0.0	0.0	0.0
13:17	0.0	0.0	0.0	0.0	0.0
13:18	0.0	0.0	0.0	0.0	0.0
13:19	0.0	0.0	0.0	0.0	0.0
13:20	0.0	0.1	6.2	0.0	0.0
13:21	0.0	0.0	4.2	0.0	0.0
13:22	0.0	0.0	0.0	0.0	0.0
13:23	0.0	0.0	0.0	0.0	0.0
13:24	0.0	0.0	0.0	0.0	0.0
13:25	0.0	0.0	0.0	0.0	0.0
13:26	0.0	0.0	3.3	0.0	0.0
13:27	0.0	0.0	0.0	0.0	0.0
13:28	0.0	0.0	0.0	0.0	0.0
13:29	0.0	0.0	0.0	0.0	0.0
13:30	0.0	0.0	0.0	0.0	0.0
13:31	0.0	0.0	0.0	0.0	0.0
13:32	0.0	0.0	0.0	0.0	0.0
13:33	0.0	0.0	0.0	0.0	0.0
13:34	0.0	0.0	0.0	0.0	0.0
13:35	0.0	0.0	1.8	0.0	0.0
13:36	0.0	0.2	5.1	0.0	0.0
13:37	0.0	0.0	5.6	0.0	0.0
13:38	0.0	0.0	0.0	0.0	0.0
13:39	0.0	0.0	0.0	0.0	0.0
13:40	0.0	0.0	0.0	0.0	0.0
13:41	0.0	0.0	0.0	0.0	0.0
13:42	0.0	0.0	0.0	0.0	0.0
13:43	0.0	0.0	0.0	0.0	0.0
13:44	0.0	0.0	0.0	0.0	0.0
13:45	0.0	0.0	0.0	0.0	0.0
13:46	0.0	0.0	0.0	0.0	0.0
13:47	0.0	0.0	0.0	0.0	0.0
13:48	0.0	0.0	0.0	0.0	0.0
13:49	0.0	0.0	0.0	0.0	0.0
13:50	0.0	0.0	0.0	0.0	0.0
13:51	0.0	0.0	0.0	0.0	0.0
13:52	0.0	0.0	0.0	0.0	0.0
13:53	0.0	0.0	0.0	0.0	0.0
13:54	0.0	0.0	0.0	0.0	0.0
13:55	0.0	0.0	0.0	0.0	0.0
13:56	0.0	0.0	0.0	0.0	0.0
13:57	0.0	0.0	0.0	0.0	0.0
13:58	0.0	0.0	0.0	0.0	0.0
13:59	0.0	0.0	0.0	0.0	0.0

14: 0	0.0	0.0	0.0	0.0	0.0
14: 1	0.0	0.0	0.0	0.0	0.0
14: 2	0.0	0.0	0.0	0.0	0.0
14: 3	0.0	0.0	0.0	0.0	0.0
14: 4	0.0	0.0	0.0	0.0	0.0
14: 5	0.0	0.0	0.0	0.0	0.0
14: 6	0.0	0.0	0.0	0.0	0.0
14: 7	0.0	0.0	0.0	0.0	0.0
14: 8	0.0	0.0	0.0	0.0	0.0
14: 9	0.0	0.0	0.0	0.0	0.0
14:10	0.0	0.0	0.0	0.0	0.0
14:11	0.0	0.0	0.0	0.0	0.0
14:12	0.0	0.0	0.0	0.0	0.0
14:13	0.0	0.0	0.0	0.0	0.0
14:14	0.0	0.0	0.0	0.0	0.0
14:15	0.0	0.0	0.0	0.0	0.0
14:16	0.0	0.0	0.0	0.0	0.0
14:17	0.0	0.0	0.0	0.0	0.0
14:18	0.0	0.0	0.0	0.0	0.0
14:19	0.0	0.0	0.0	0.0	0.0
14:20	0.0	15.0	41.1	1.0	0.0
14:21	0.0	10.5	33.4	1.7	0.1
14:22	0.0	0.0	0.0	1.7	0.1
14:23	0.0	0.0	0.0	1.7	0.1
14:24	0.0	0.0	0.0	1.7	0.1
14:25	0.0	0.0	0.0	1.7	0.1
14:26	0.0	30.5	82.9	Lo 3.7	0.1
14:27	0.0	12.5	89.8	Lo 4.6	0.1
14:28	0.0	0.0	0.0	4.6	0.1
14:29	0.0	0.0	0.0	4.6	0.1
14:30	0.0	0.0	0.0	4.6	0.1
14:31	0.0	0.0	0.0	4.6	0.1
14:32	0.0	0.0	0.0	4.6	0.1
14:33	0.0	0.0	0.0	4.6	0.1
14:34	0.0	0.0	0.0	4.6	0.1
14:35	0.0	11.8	61.9	Lo 4.4	0.2
14:36	0.0	11.5	77.1	Lo 4.4	0.2
14:37	0.0	0.0	0.0	4.4	0.2
14:38	0.0	0.0	0.0	4.4	0.2
14:39	0.0	0.0	2.9	4.4	0.2
14:40	0.0	0.0	0.0	4.4	0.2
14:41	0.0	0.0	0.0	2.4	0.2
14:42	0.0	0.0	0.0	1.6	0.2
14:43	0.0	0.0	0.0	1.6	0.2
14:44	0.0	0.0	0.0	1.6	0.2
14:45	0.0	0.0	0.0	1.6	0.2
14:46	0.0	0.0	0.0	1.6	0.2
14:47	0.0	0.0	0.0	1.6	0.2
14:48	0.0	1.0	9.0	1.6	0.2
14:49	0.0	0.0	0.8	1.6	0.2
14:50	0.0	0.0	0.0	0.8	0.2
14:51	0.0	0.0	0.0	0.1	0.2
14:52	0.0	0.0	0.0	0.1	0.2
14:53	0.0	0.0	0.0	0.1	0.2
14:54	0.0	0.0	0.0	0.1	0.2
14:55	0.0	0.1	8.8	0.1	0.2
14:56	0.0	0.0	4.7	0.1	0.2
14:57	0.0	0.1	11.4	0.1	0.2
14:58	0.0	0.0	0.0	0.1	0.2
14:59	0.0	0.0	0.0	0.1	0.2
15: 0	0.0	0.0	0.0	0.1	0.2
15: 1	0.0	0.0	0.0	0.1	0.2
15: 2	0.0	0.0	0.0	0.1	0.2
15: 3	0.0	0.0	0.0	0.0	0.2

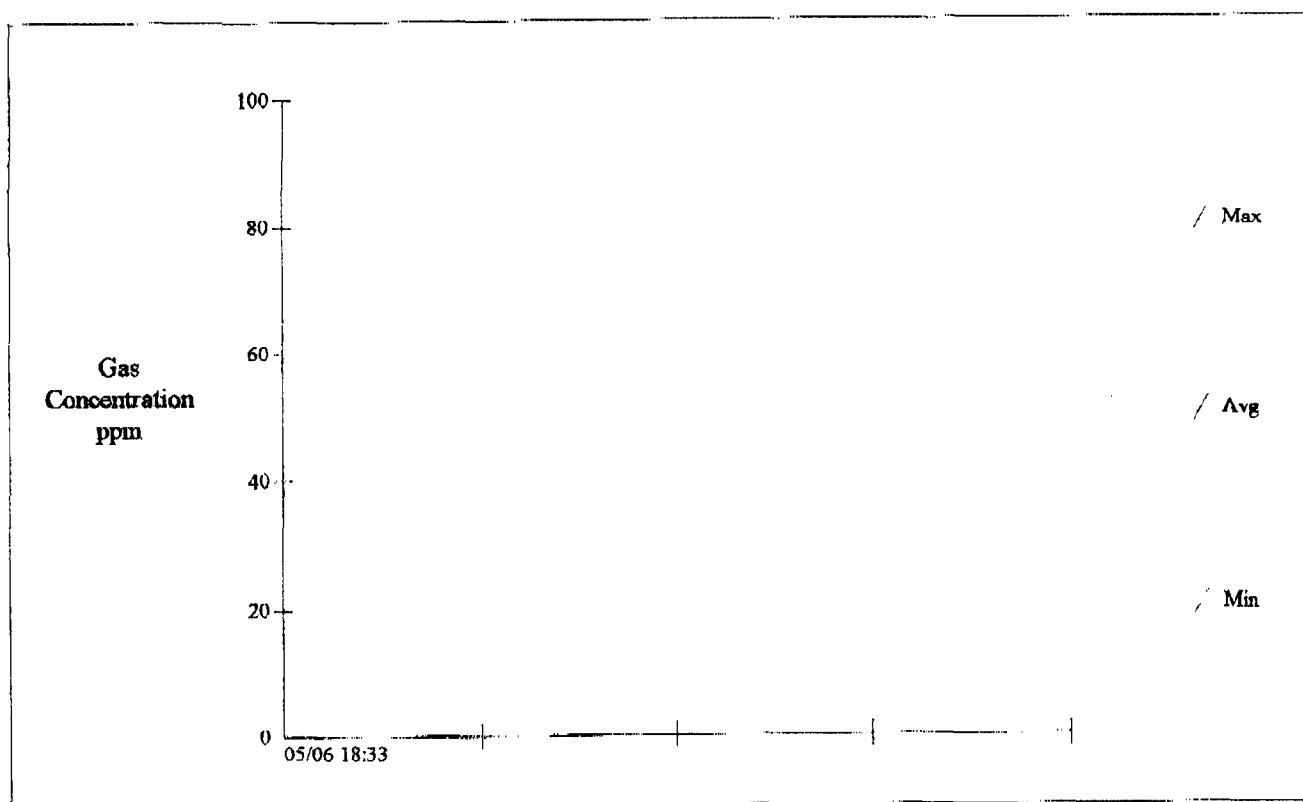
15: 4	0.0	0.2	6	0.0	0.2
15: 5	0.0	5.8	18	0.4	0.2
15: 6	0.0	0.1	6.1	0.4	0.2
15: 7	0.0	0.0	1.1	0.4	0.2
15: 8	0.0	0.0	0.0	0.4	0.2
15: 9	0.0	0.0	2.2	0.4	0.2
15:10	0.0	0.3	18.5	0.4	0.2
15:11	0.0	0.0	0.0	0.4	0.2
15:12	0.0	0.0	0.0	0.4	0.2
15:13	0.0	0.0	0.0	0.4	0.2
15:14	0.0	0.0	0.0	0.4	0.2
15:15	0.0	0.0	0.0	0.4	0.2
15:16	0.0	0.0	0.0	0.4	0.2
15:17	0.0	0.0	0.0	0.4	0.2
15:18	0.0	0.0	0.0	0.4	0.2
15:19	0.0	0.0	0.0	0.4	0.2
15:20	0.0	0.0	0.0	0.0	0.2
15:21	0.0	0.0	0.0	0.0	0.2
15:22	0.0	0.0	0.0	0.0	0.2
15:23	0.0	0.0	0.0	0.0	0.2
15:24	0.0	0.0	0.0	0.0	0.2
15:25	0.0	0.0	0.0	0.0	0.2
15:26	0.0	0.0	0.9	0.0	0.2
15:27	0.0	0.0	0.0	0.0	0.2
15:28	0.0	0.0	0.0	0.0	0.2
15:29	0.0	0.0	0.0	0.0	0.2
15:30	0.0	0.0	1.4	0.0	0.2
15:31	0.0	0.0	0.0	0.0	0.2
15:32	0.0	0.0	0.0	0.0	0.2
15:33	0.0	0.0	0.0	0.0	0.2
15:34	0.0	0.0	0.0	0.0	0.2
15:35	0.0	0.0	0.0	0.0	0.2
15:36	0.0	0.0	0.0	0.0	0.2
15:37	0.0	0.0	0.0	0.0	0.2
15:38	0.0	0.0	0.0	0.0	0.2
15:39	0.0	0.0	0.0	0.0	0.2
15:40	0.0	0.0	0.0	0.0	0.2
15:41	0.0	0.0	0.0	0.0	0.2
15:42	0.0	0.0	0.0	0.0	0.2
15:43	0.0	0.0	0.0	0.0	0.2
15:44	0.0	0.0	0.0	0.0	0.2
15:45	0.0	0.0	0.0	0.0	0.2
15:46	0.0	0.0	0.0	0.0	0.2
15:47	0.0	0.0	0.0	0.0	0.2
15:48	0.0	0.0	0.0	0.0	0.2
15:49	0.0	0.0	2.3	0.0	0.2
15:50	0.0	0.0	0.0	0.0	0.2
15:51	0.0	0.0	0.0	0.0	0.2
15:52	0.0	0.8	48.8	0.1	0.2
15:53	0.0	0.0	0.0	0.1	0.2
15:54	0.0	0.0	0.0	0.1	0.2
15:55	0.0	0.0	0.0	0.1	0.2
15:56	0.0	0.0	0.0	0.1	0.2
15:57	0.0	0.0	0.0	0.1	0.2
15:58	0.0	0.0	0.0	0.1	0.2
15:59	0.0	0.0	0.0	0.1	0.2
16: 0	0.0	0.0	0.0	0.1	0.2
16: 1	0.0	0.0	0.0	0.1	0.2
16: 2	0.0	0.0	0.0	0.1	0.2
16: 3	0.0	0.0	0.0	0.1	0.2
16: 4	0.0	0.0	0.7	0.1	0.2
16: 5	0.0	0.0	0.0	0.1	0.2
16: 6	0.0	0.0	0.0	0.1	0.2
16: 7	0.0	0.0	0.0	0.0	0.2

16: 8	0.0	0.0	0.0	0.0	0.2
16: 9	0.0	0.0	0.0	0.0	0.2
16:10	0.0	0.0	0.0	0.0	0.2
16:11	0.0	0.0	0.0	0.0	0.2
16:12	0.0	0.0	0.0	0.0	0.2
16:13	0.0	0.0	0.1	0.0	0.2
16:14	0.0	0.0	0.0	0.0	0.2
16:15	0.0	0.0	0.0	0.0	0.2
16:16	0.0	0.0	0.0	0.0	0.2
16:17	0.0	0.0	0.0	0.0	0.2
16:18	0.0	0.0	0.0	0.0	0.2
16:19	0.0	0.0	0.0	0.0	0.2
16:20	0.0	0.0	0.0	0.0	0.2
16:21	0.0	0.0	0.0	0.0	0.2
16:22	0.0	0.0	0.0	0.0	0.2
16:23	0.0	0.0	0.0	0.0	0.2
16:24	0.0	0.0	0.0	0.0	0.2
16:25	0.0	0.0	0.0	0.0	0.2
16:26	0.0	0.0	0.0	0.0	0.2
16:27	0.0	0.0	0.0	0.0	0.2
16:28	0.0	0.2	13.1	0.0	0.2
16:29	0.0	0.2	12.3	0.0	0.2
16:30	0.0	0.0	0.0	0.0	0.2
16:31	0.0	0.0	0.0	0.0	0.2
16:32	0.0	0.0	0.0	0.0	0.2
16:33	0.0	0.0	0.0	0.0	0.2
16:34	0.0	0.0	0.0	0.0	0.2
16:35	0.0	0.0	0.0	0.0	0.2
16:36	0.0	0.0	0.0	0.0	0.2
16:37	0.0	0.0	0.0	0.0	0.2
16:38	0.0	0.0	0.0	0.0	0.2
16:39	0.0	0.0	0.0	0.0	0.2
16:40	0.0	0.0	0.0	0.0	0.2
16:41	0.0	0.0	0.0	0.0	0.2



S/N:000212 User ID:9098 Job ID:1001 Cal:6/1 34:38 107 ppm
Year:1998 Period(\$):60 Data Pts:2 Chk:6/1 34:39 107 ppm
Date Time Min Avg Max High Low STEL TWA
ppm 100.0 50.0 25.0 10.0
STEL TWA

05/06	18:33	0.0	0.0	0.0			0.0	0.0
	18:34	0.0	0.0	0.0			0.0	0.0



S/N:000212

User ID:9098

Te ID:1001

Cal:6/1 34:38

1077 ppm

Year:1998

Period(S):60

ta Pts:65

Chk:6/1 34:39

1077 ppm

Date Time

Min

Avg

Max

High

Low

STEL

TWA

ppm

100.0

50.0

25.0

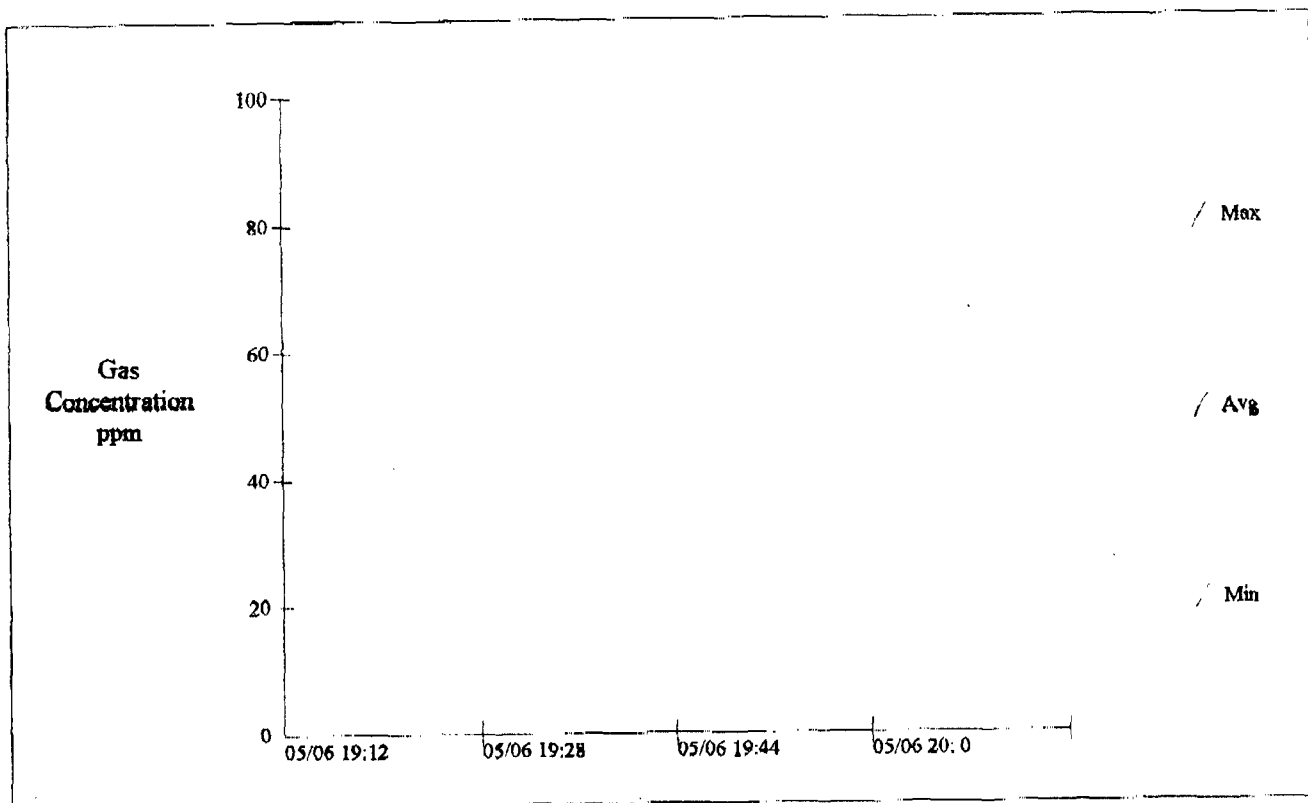
10.0

STEL

TWA

05/06	19:12	0.0	0.0	0.0		0.0	0.0
	19:13	0.0	0.0	0.0		0.0	0.0
	19:14	0.0	0.0	0.0		0.0	0.0
	19:15	0.0	0.0	0.0		0.0	0.0
	19:16	0.0	0.0	0.0		0.0	0.0
	19:17	0.0	0.0	0.0		0.0	0.0
	19:18	0.0	0.0	0.0		0.0	0.0
	19:19	0.0	0.0	0.0		0.0	0.0
	19:20	0.0	0.0	0.0		0.0	0.0
	19:21	0.0	0.0	0.0		0.0	0.0
	19:22	0.0	0.0	0.0		0.0	0.0
	19:23	0.0	0.0	0.0		0.0	0.0
	19:24	0.0	0.0	0.0		0.0	0.0
	19:25	0.0	0.0	0.0		0.0	0.0
	19:26	0.0	0.0	0.0		0.0	0.0
	19:27	0.0	0.0	0.0		0.0	0.0
	19:28	0.0	0.0	0.0		0.0	0.0
	19:29	0.0	0.0	0.0		0.0	0.0
	19:30	0.0	0.0	0.0		0.0	0.0
	19:31	0.0	0.0	0.0		0.0	0.0
	19:32	0.0	0.0	0.0		0.0	0.0
	19:33	0.0	0.0	0.0		0.0	0.0
	19:34	0.0	0.0	0.0		0.0	0.0
	19:35	0.0	0.0	0.0		0.0	0.0
	19:36	0.0	0.0	0.0		0.0	0.0
	19:37	0.0	0.0	0.0		0.0	0.0
	19:38	0.0	0.0	0.0		0.0	0.0
	19:39	0.0	0.0	0.0		0.0	0.0
	19:40	0.0	0.0	0.0		0.0	0.0
	19:41	0.0	0.0	0.0		0.0	0.0
	19:42	0.0	0.0	0.0		0.0	0.0
	19:43	0.0	0.0	0.0		0.0	0.0
	19:44	0.0	0.0	0.0		0.0	0.0
	19:45	0.0	0.0	0.0		0.0	0.0
	19:46	0.0	0.0	0.0		0.0	0.0
	19:47	0.0	0.0	0.0		0.0	0.0
	19:48	0.0	0.0	0.0		0.0	0.0
	19:49	0.0	0.0	0.0		0.0	0.0
	19:50	0.0	0.0	0.0		0.0	0.0
	19:51	0.0	0.0	0.0		0.0	0.0
	19:52	0.0	0.0	0.0		0.0	0.0
	19:53	0.0	0.0	0.0		0.0	0.0
	19:54	0.0	0.0	0.0		0.0	0.0
	19:55	0.0	0.0	0.0		0.0	0.0
	19:56	0.0	0.0	0.0		0.0	0.0
	19:57	0.0	0.0	0.0		0.0	0.0
	19:58	0.0	0.0	0.0		0.0	0.0
	19:59	0.0	0.0	0.0		0.0	0.0
	20: 0	0.0	0.0	0.0		0.0	0.0
	20: 1	0.0	0.0	0.0		0.0	0.0
	20: 2	0.0	0.0	0.0		0.0	0.0
	20: 3	0.0	0.0	0.0		0.0	0.0
	20: 4	0.0	0.0	0.0		0.0	0.0
	20: 5	0.0	0.0	0.0		0.0	0.0
	20: 6	0.0	0.0	0.0		0.0	0.0
	20: 7	0.0	0.0	0.0		0.0	0.0
	20: 8	0.0	0.0	0.0		0.0	0.0
	20: 9	0.0	0.0	0.0		0.0	0.0

20:10	0.0	0.0	0.0	0.0	0.0
20:11	0.0	0.0	0.0	0.0	0.0
20:12	0.0	0.0	0.0	0.0	0.0
20:13	0.0	0.0	0.0	0.0	0.0
20:14	0.0	0.0	0.0	0.0	0.0
20:15	0.0	0.0	0.0	0.0	0.0
20:16	0.0	0.0	0.0	0.0	0.0



S/N:000212 User ID:9098 Site ID:1001 Cal:6/1 34:38 10007 ppm
Year:1998 Period(S):60 Data Pts:4 Chk:6/1 34:39 10009 ppm
Date Time Min Avg Max High Low STEL TWA
ppm 100.0 50.0 25.0 10.0
STEL TWA

05/06	20:44	0.0	0.0	0.0			0.0	0.0
	20:45	0.0	0.0	0.0			0.0	0.0
	20:46	0.0	0.0	0.0			0.0	0.0
	20:47	0.0	0.0	0.0			0.0	0.0



046787



NMOCB: ID#. 046787 By: W Price #1-7
Date/Time: May 06, 1998 3 pm
Site/Co. Shell-Westgate
Location: Tasker St. 1329
Subject: Foundation removal. Looking
NNW. Found Black tar substance.



046787



046787

THE UNIVERSITY OF CHICAGO PRESS



046787



NMOCD: ID#. 046787 By: W Price #6-7
Date/Time: May 06, 1998 3 pm
Site/Co. Shell-Westgate
Location: Tasker St. 1329
Subject: Foundation removal. Looking
SE. Found Black tar substance.



NMOCB: ID#. 046787 By: W Price #6-7
Date/Time: May 06, 1998 3 pm
Site/Co. Shell-Westgate
Location: Tasker St. 1329
Subject: Foundation removal. Looking
SE. Found Black tar substance.

