1R - 484

REPORTS

DATE:

2007

Larson & Associates, Inc.
Environmental Consultants

January 9, 2007

VIA: HAND DELIVERY

Mr. Wayne Price, Chief
Environmental Bureau
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 1R0484, Investigation Report of Historic Contamination and Remediation Plan, John H. Hendrix Corporation, Elliott B-9 Lease, Battery #2 and #3, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:

This letter is submitted to the State of New Mexico, Oil Conservation Division ("OCD") on behalf of John H. Hendrix Corporation ("JHHC") by Larson and Associates, Inc. ("LA"), its consultant, to convey the results of an investigation to delineate the vertical and horizontal extent of historic contamination at the Elliott B-9 Lease, Battery #2 and #3 ("Site"), as well as a former pit that was located north of the battery. The Site is located in unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East in Lea County, New Mexico. The latitude and longitude for the Site is north 32° 24' 42.4" and west 103° 10' 31.1", respectively. Figure 1 presents a location and topographic map. Contact information for JHHC is as follows:

Name:	Marvin Burrows
Title:	Production Superintendent
Mailing Address:	1310 18th Street
	Eunice, New Mexico 88321
Telephone:	(505) 394-2649
Fax:	(505) 394-2653
Email Address:	mburrows@valornet.com

Setting

The Site is situated at an elevation of approximately 3425 feet above mean sea level ("MSL"). No surface water or wells are located within 1,000 horizontal feet of the Site, which is covered by wind blown sand (Recent). The Ogallala formation (Tertiary) underlies the sand and consists of unconsolidated to well-cemented sand and sandstone that is interstratified with clay, silt and gravel. The Chinle formation (Dockum group)

underlies the Ogallala formation and consists of mudstone, siltstone and sandstone. Ground water occurs at approximately 75 feet below ground surface ("bgs").

Current Investigation

The current investigation was conducted between June 28, 2006 and October 30, 2006, in accordance with a work plan that was approved by the OCD on March 29, 2006. Soil samples were collected from ten (10) borings (BH-1 through BH-10), which were drilled by Scarborough Drilling, Inc., located in Lamesa, Texas, using a truck-mounted rig. The borings were advanced from approximately six (6) to eighty-one (81) feet bgs and soil samples were collected using split-spoon and jam tube samplers. The samplers were decontaminated between uses by washing with a solution of laboratory grade detergent and water and rinsed with distilled water. The rig and down-hole tools (i.e., rods, bit, etc.) were cleaned between locations using a high-pressure washer.

The soil samples were placed in 4-ounce glass jars, labeled, chilled in an ice chest and delivered to Environmental Lab of Texas, Inc., located in Odessa, Texas. Duplicate sample were collected for headspace analysis using the ambient temperature headspace method and analyzed using a RAE Systems, Model 2000 photoionization detector, which was calibrated to 100 parts per million ("ppm") isobutylene. The laboratory analyzed samples that exhibited headspace readings above 100 ppm for benzene, toluene, ethylbenzene and xylene (collectively referred to as BTEX) using method SW-846-8021B. Samples were also analyzed for total petroleum hydrocarbons ("TPH") and chloride using methods SW-846-8015B and 300, respectively. Table 1 presents a summary of the laboratory analysis. Figure 2 presents a Site drawing and boring locations. Appendix A presents the OCD approval. Appendix B presents the boring logs. Appendix C presents the laboratory reports. Appendix D presents photographs.

The OCD has developed recommended remediation action levels ("RRAL") for benzene, BTEX and TPH based on the following ranking criteria:

Criteria	Result	Score
Depth-to-Groundwater	50 - 100 feet	10
Wellhead Protection Area	No	0
Distance to Surface Water Body	>1000 Horizontal Feet	0
	Total:	**10**

The following RRAL would apply to a recent spill assuming a ranking score of 10:

- **Benzene** **10 mg/kg**
- **BTEX** **50 mg/kg**
- **TPH** **1,000 mg/kg**

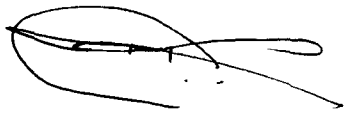
No samples exhibited benzene or BTEX concentrations above the RRAL. TPH exceeded the RRAL in the following samples:

Boring	Sample (Feet)	TPH (mg/Kg)
BH-1	0 – 2	8,550
BH-2	0 – 2	4,425
BH-3	0 – 2	5,510
BH-5	0 – 2	1,129
BH-6	0 – 2	2,636
BH-7	5 - 6	6,655
	10 - 11	9,991
	15 - 17	5,210.9
BH-10	5 - 7	17,060
	10 - 12	7,696
	15 - 17	7,258

Remediation Plan

JHHC will excavate soil from areas where TPH exceeds the RRAL. Soil will be excavated from the pit (BH-10) to approximately seven (7) feet bgs. A 20-mil thickness high-density polyethylene liner will be placed near the bottom of the pit excavation and the remainder of the excavation will be filled with clean soil and crowned at the surface to limit rainwater percolation into the subsurface. The contaminated soil will be hauled to the JHHC centralized landfarm. A final report will be submitted to the OCD upon completion of the project. Please call Mr. Marvin Burrows with JHHC at (505) 394-2649 or email mburrows@jhhc.org, if you have questions. I may be reached with questions at (432) 687-0901 or email mark@laenvironmental.com.

Larson and Associates, Inc.



Mark J. Larson, P.G., C.P.G., C.G.W.P.
Senior Project Manager/President

Encl

cc: Larry Johnson/OCD District 1 – Hobbs
Marvin Burrows/JHHC
Ronnie Westbrook/JHC

Tables

Table 1
Summary of Field and Laboratory Analysis of Soil Samples
John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3
Unit Letter D (NW/4,NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Boring Number	Sample Date	Sample Depth (Feet	PID (ppm)	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	GRO C6-C12 (mg/Kg)	DRO C10 - C28 (mg/Kg)	DRO C12 - C28 (mg/Kg)	DRO C28-C35 (mg/Kg)	TPH C6-C28 (mg/Kg)	TPH C6 C35 (mg/Kg)	Chloride (mg/Kg)
BH-1	06/27/2006	0 - 2	2.5	--	--	--	<50	--	6,900	1,650	--	8,550	55
	06/27/2006	5 - 7	1.4	--	--	--	<10	--	<10	<10	--	<30	13.8
BH-2	06/27/2006	0 - 2	0.6	--	--	--	<50	--	3,570	855	--	4,425	93.5
	06/27/2006	5 - 6	1.4	--	--	--	<10	--	<10	<10	--	<30	14.8
BH-3	06/27/2006	0 - 1	0.8	--	--	--	2,690	--	2,820	<50	--	5,510	286
	06/27/2006	5 - 6	0.5	--	--	--	<10	--	<10	<10	--	<30	67.2
BH-4	06/27/2006	0 - 2	0.8	--	--	--	<50	--	<50	<50	--	<150	13.8
	06/27/2006	5 - 6	0.5	--	--	--	--	--	--	--	--	--	--
BH-5	06/27/2006	0 - 2	0.8	--	--	--	<50	--	839	290	--	1,129	13.8
	06/27/2006	5 - 7	0.5	--	--	--	<10	--	<10	<10	--	<30	29.7
	06/27/2006	10 - 12	1.0	--	--	---	--	---	--	--	--	--	--
BH-6	06/27/2006	0 - 2	0.4	--	--	--	<50	--	1,990	646	--	2,636	12.9
	06/27/2006	5 - 7	0.5	--	--	--	<10	--	<10	<10	--	<30	131
	06/27/2006	10 - 12	0.1	--	--	--	--	--	--	--	--	--	--
BH-7	06/27/2006	0 - 1	0.3	--	--	--	<10	--	71.7	53.7	--	125.4	19.7
	06/27/2006	5 - 6	708	<0.025	1.846	--	1,460	--	4,730	465	--	6,655	12.6
	06/27/2006	10 - 11	416	<0.025	2.274	--	623	--	8,440	928	--	9,991	15.6
	06/27/2006	15 - 17	188	<0.025	0.2575	--	53.9	--	4,460	697	--	5,210.9	13.8
	06/27/2006	20 -21	59	--	--	--	6.09	--	132	17.2	--	155.29	21.4
BH-8	06/27/2006	0 - 2	7.8	--	--	--	<10	--	<10	<10	--	<10	44.9
	06/27/2006	5 - 6	13.6	--	--	--	--	--	--	--	--	--	--
BH-9	07/05/2006	0 - 2	0.5	--	--	--	<10	--	724	212	--	936	<20
	07/05/2006	5 - 7	0.5	--	--	--	--	--	--	--	--	--	--
BH-10	07/05/2006	0 - 2	1.7	--	--	--	<10	--	298	85.6	--	383.6	<20
	07/05/2006	5 - 7	688	0.41	23.078	--	1,880	--	14,100	1,080	--	17,060	<20
	07/05/2006	10 - 12	595	0.0316	3.5366	--	1,030	--	6,400	266	--	7,696	42.5
	07/05/2006	15 - 17	337	0.0103	2.3293	--	818	--	6,200	240	--	7,258	213
	10/04/2006	20 - 21	175	<0.025	0.1536	<10	--	97	--	--	97	--	659

Table 1
Summary of Field and Laboratory Analysis of Soil Samples
John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3
Unit Letter D (NW/4,NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Boring Number	Sample Date	Sample Depth (Feet	PID (ppm)	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	GRO C6-C12 (mg/Kg)	DRO C10 - C28 (mg/Kg)	DRO C12 - C28 (mg/Kg)	DRO C28-C35 (mg/Kg)	TPH C6-C28 (mg/Kg)	TPH C6 C35 (mg/Kg)	Chloride (mg/Kg)
BH-10	10/04/2006	25 - 26	156	<0.025	<0.125	<10	--	41.3	--	--	41.3	--	978
	10/04/2006	30 - 31	36.3	--	--	<10	--	5.9	--	--	5.9	--	681
	10/04/2006	35 - 36	125	<0.025	<0.125	<10	--	32.1	--	--	32.1	--	298
	10/05/2006	40 - 41	2.11	--	--	<10	--	<10	--	--	<20	--	681
	10/05/2006	45 - 46	16.5	--	--	<10	--	17.2	--	--	17.2	--	638
	10/05/2006	50 - 51	4.6	--	--	<10	--	<10	--	--	<20	--	808
	10/30/2006	55 - 56	0.2	--	--	--	--	--	--	--	--	--	531
	10/30/2006	60 - 61	0.2	--	--	--	--	--	--	--	--	--	506
	10/30/2006	65 - 66	0.1	--	--	--	--	--	--	--	--	--	644
	10/30/2006	70 - 71	0.2										
	10/30/2006	75 - 76	0.2										
	07/05/2006	80 - 81	0.2										

Notes: Analysis performed by Environmental Lab of Texas, I. Ltd., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. TPH: Total petroleum hydrocarbons (Sum of C6 to C35)
3. mg/kg: Milligrams per kilogram
4. <: Below method detection limit
5. PID: Photoionization detector
6. ppm: Parts per million
7. ---: No data available
8. BTEX: Sum of benzene, tolulene, ethylbenzene and xylene
9. GRO: Gasoline - range organics
10. DRO: Diesel - range organics

Figures

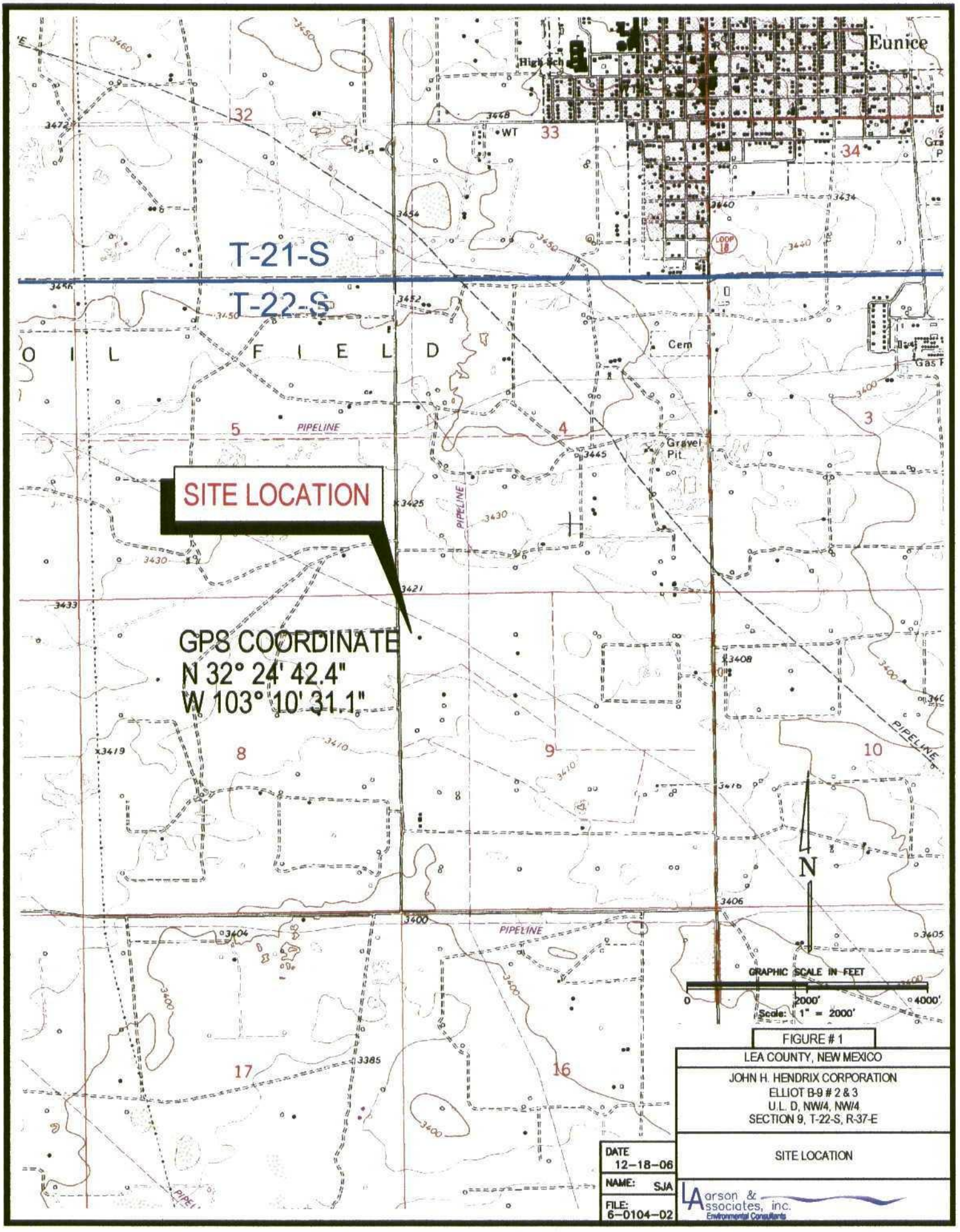


FIGURE # 1

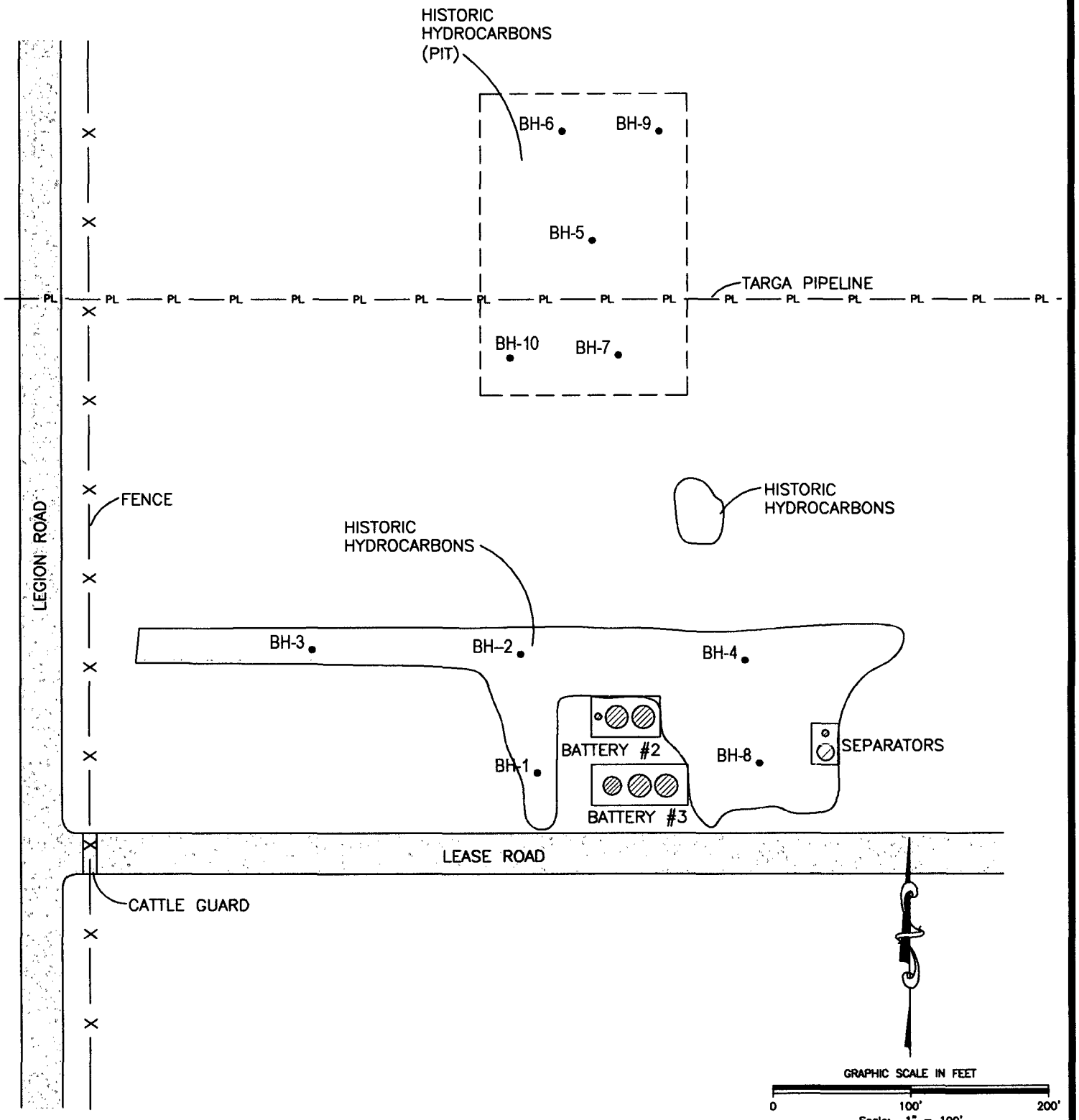
LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
ELLIOT B-9 # 2 & 3
U.L. D, NW/4, NW/4
SECTION 9, T-22-S, R-37-E

SITE LOCATION

DATE	12-18-06
NAME:	SJA
FILE:	6-0104-02

Larson & Associates, inc.
Environmental Consultants



LEGEND

BH-1 • BORE HOLE LOCATION

FIGURE # 3

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
ELLIOT LEASE B-9 BATTERIY # 2 & 3
U.L. D, (NW/4, NW/4)
SECTION 9, T-22-S, R-37-E

SITE # 1 DRAWING

DATE	10-13-06
NAME:	SJA
FILE:	6-0104-02

Larson & Associates, inc.
Environmental Consultants

Appendix A

Investigation Plan Approval

Mark Larson

From: Price, Wayne, EMNRD [wayne.price@state.nm.us]
Sent: Wednesday, March 29, 2006 9:30 AM
To: Cassie Hobbs
Cc: Mark Larson
Subject: RE: JHHC Revised Proposal for Elliott B-9

Approved!

Please be advised that NMOCD approval of this plan does not relieve the owner/operator of Responsibility should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Cassie Hobbs [mailto:cassie@laenvironmental.com]
Sent: Tuesday, March 28, 2006 9:11 AM
To: Price, Wayne, EMNRD
Cc: Mark Larson
Subject: JHHC Revised Proposal for Elliott B-9

Dear Wayne,

Per Mark attached please find a revised proposal to investigate historic hydrocarbons for John H. Hendrix Corporation. The original will be mailed today.

Thank you,

Cassie Hobbs

Larson & Associates, Inc.
507 N. Marienfeld, Ste. 202
Midland, TX 79701

Office: (432) 687-0901
Fax: (432) 687-0456

Appendix B

Boring Logs

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

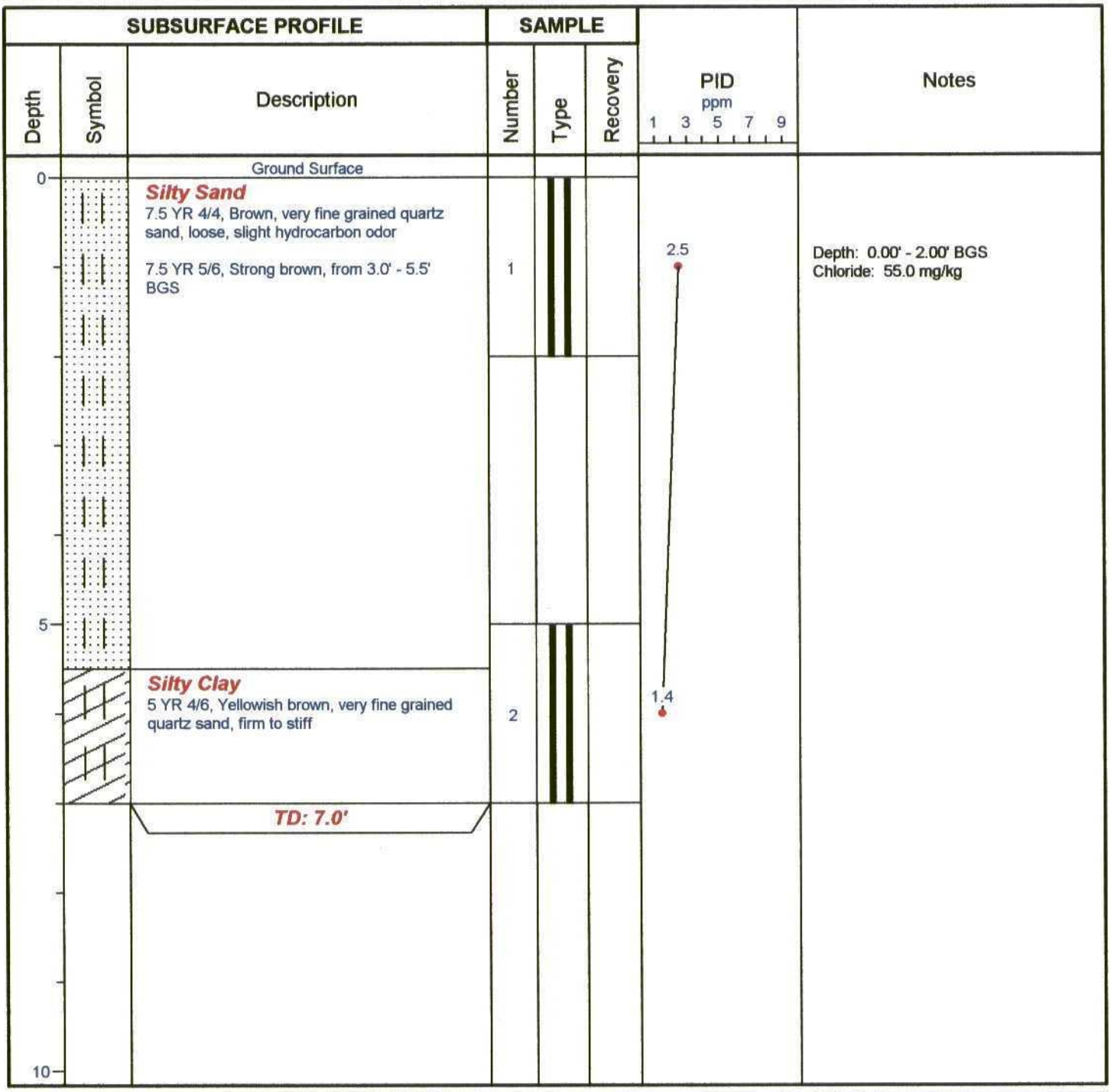
Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-1

Page: 1 of 1

Geologist: M. Larson



Drill Method: Air Rotery

Drill Date: 6/26/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

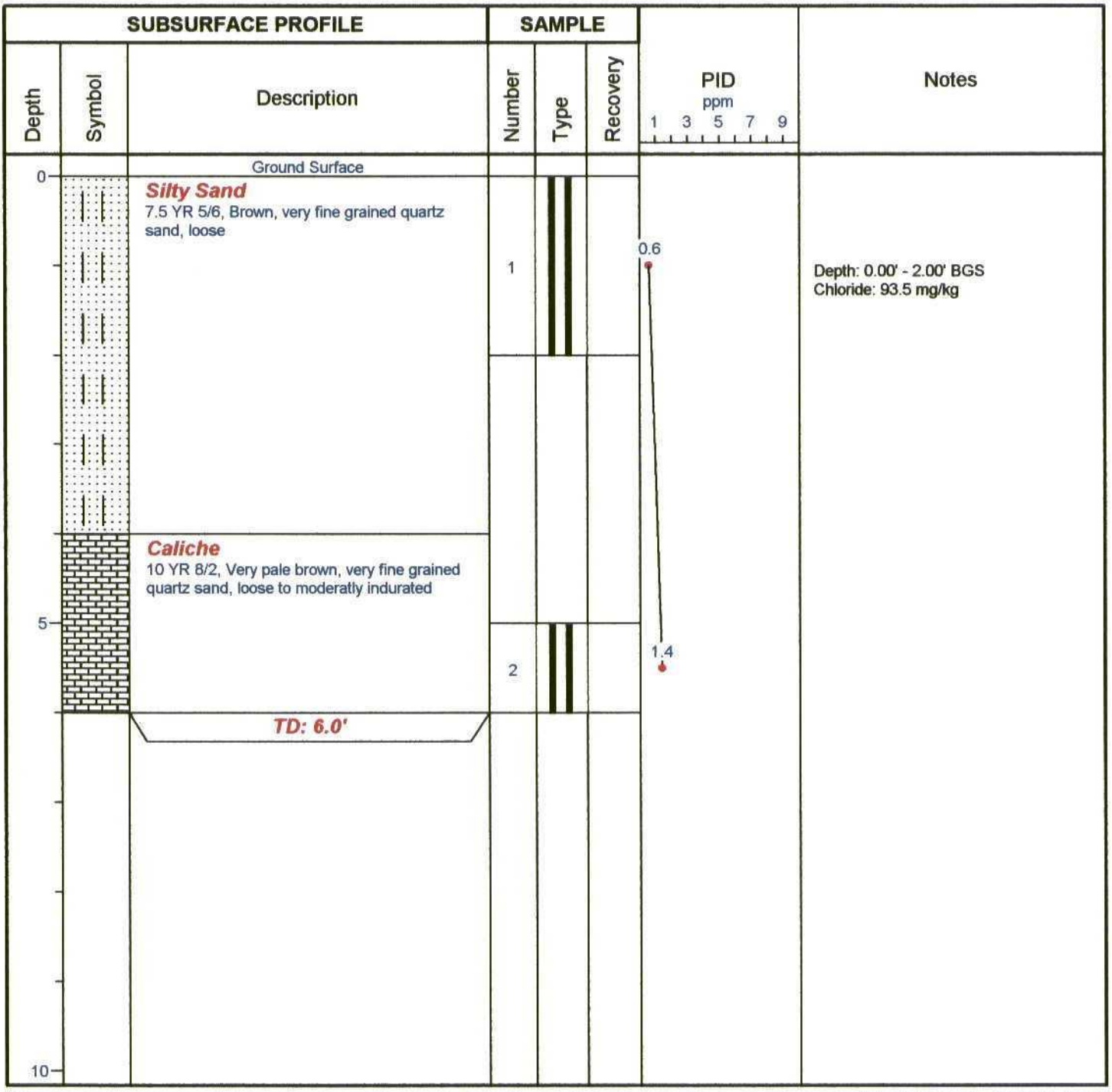
Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-2

Page: 1 of 1

Geologist: M. Larson



Drill Method: Air Rotery

Drill Date: 6/26/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-3

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (1 3 5 7 9)	Notes
0		Ground Surface					
		Silty Sand 7.5 YR 3/2, Dark brown, very fine grained quartz sand, loose, dry hydrocarbon stain from 0.0' - 1.0' BGS	1			0.8	Depth: 0.0' - 1.00' BGS Chloride: 93.5 mg/kg
		5 YR 5/6, Yellowish red below 1.0'					
		Caliche 10 YR 8/2, Very pale brown, very fine grained quartz sand, soft to moderatly indurated					
5			2			0.5	
		TD: 6.0'					
10							

Drill Method: Air Rotery

Drill Date: 6/27/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9 Sites, 2,3

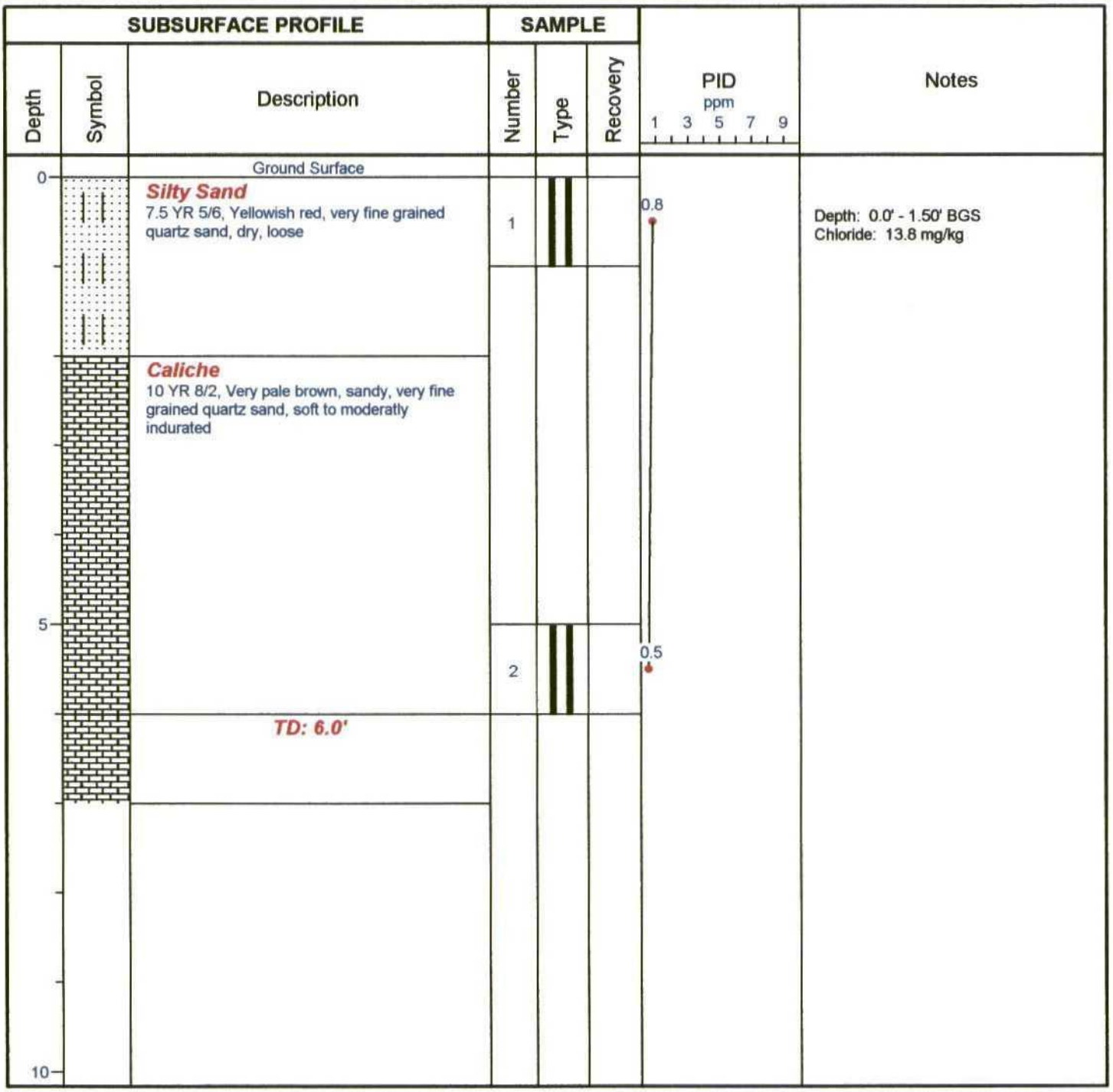
Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-4

Page: 1 of 1

Geologist: M. Larson



Drill Method: Air Rotery

Drill Date: 6/27/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-5

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (1 3 5 7 9)	Notes
0		Ground Surface					
		Silty Sand 7.5 YR 4/6, Yellowish red, very fine grained quartz sand, hydrocarbon stain, loose, dry	1			0.8	Depth: 0.0' - 2.00' BGS Chloride: 13.8 mg/kg
5		***Silty Clay*** 5 YR 4/6, Yellowish red, very fine grained quartz sand, moderatly stiff	2			0.5	
		Caliche 10 YR 8/2, Very pale brown, sandy, very fine grained quartz sand					
		Silty Sand 5 YR 5/6, Yellowish red, very fine grained quartz sand, loose					
10							
		TD: 12'					
15							

Drill Method: Air Rotery

Drill Date: 6/27/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-6

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (1 3 5 7 9)	Notes
0		Ground Surface					
		Silty Sand 7.5 YR 3/2, Dark Brown, very fine grained quartz sand, hydrocarbon stain, loose	1			0.4	Depth: 0.0' - 2.00' BGS Chloride: 12.9 mg/kg
		Silty Clayey Sand 5 YR 4/6, Red, very fine grained quartz sand, stiff, dry					
5			2			0.5	
		Silty Sand 5 YR 5/6, Yellowish red, very fine grained quartz sand, dry					
10			3			1.0	
		TD: 12'					
15							

Drill Method: Air Rotery

Drill Date: 6/27/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

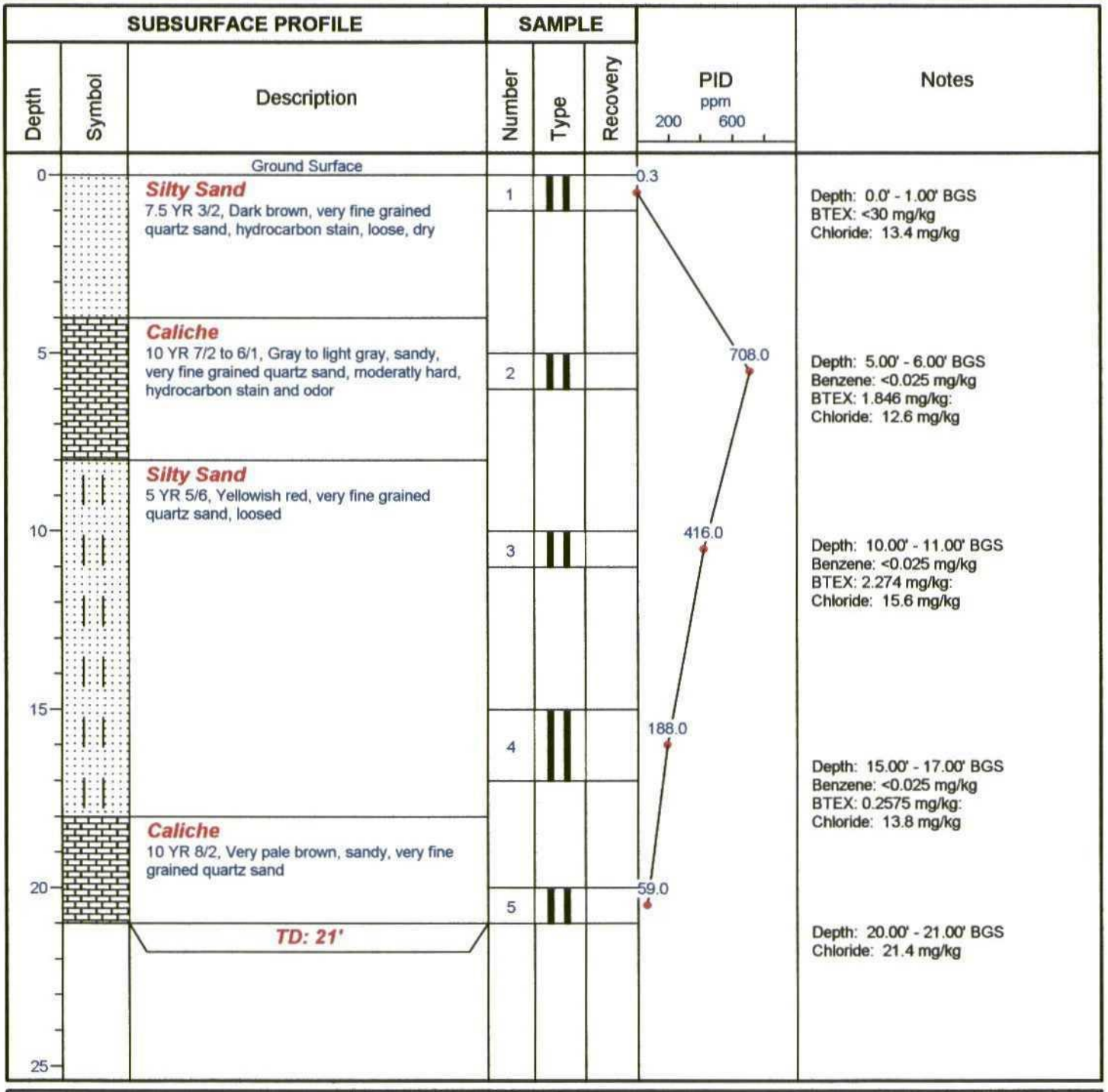
Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-7

Page: 1 of 1

Geologist: M. Larson



Drill Method: Air Rotery

Drill Date: 6/27/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-8

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (2 6 10 14 18)	Notes
0		Ground Surface					
		Silty Sand 2.5 YR 4/6, Red, very fine grained quartz sand, loose,	1			7.8	Depth: 0.00' - 2.00' BGS Chloride: 44.9 mg/kg
5		***Caliche*** 10 YR 8/2, Very pale brown, very fine grained quartz sand, soft to moderately hard, dry	2			13.6	
		TD: 6.0'					
10							

Drill Method: Air Rotery

Drill Date: 6/27/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-9

Page: 1 of 1

Geologist: M. Larson

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (1 3 5 7 9)	Notes
0		Ground Surface					
		Silty Sand 5 YR 3/2 to 5/6, Dark red brown to yellowish red, very fine grained quartz sand, poorly loose, hydrocarbon stain from 0.0' to 1.0' BGS	1				Depth: 0.00' - 2.00' BGS Chloride: <20.0 mg/kg
5		***Silty Clayey Sand*** 2.5 YR 4/6, Yellowish brown, very fine grained quartz sand, poorly sorted, stiff	2				
		TD: 7.0'					
10							

Drill Method: Air Rotery

Drill Date: 7/5/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Client: John H. Hendrix Corporation

Project: Elliot B-9, Sites 2,3

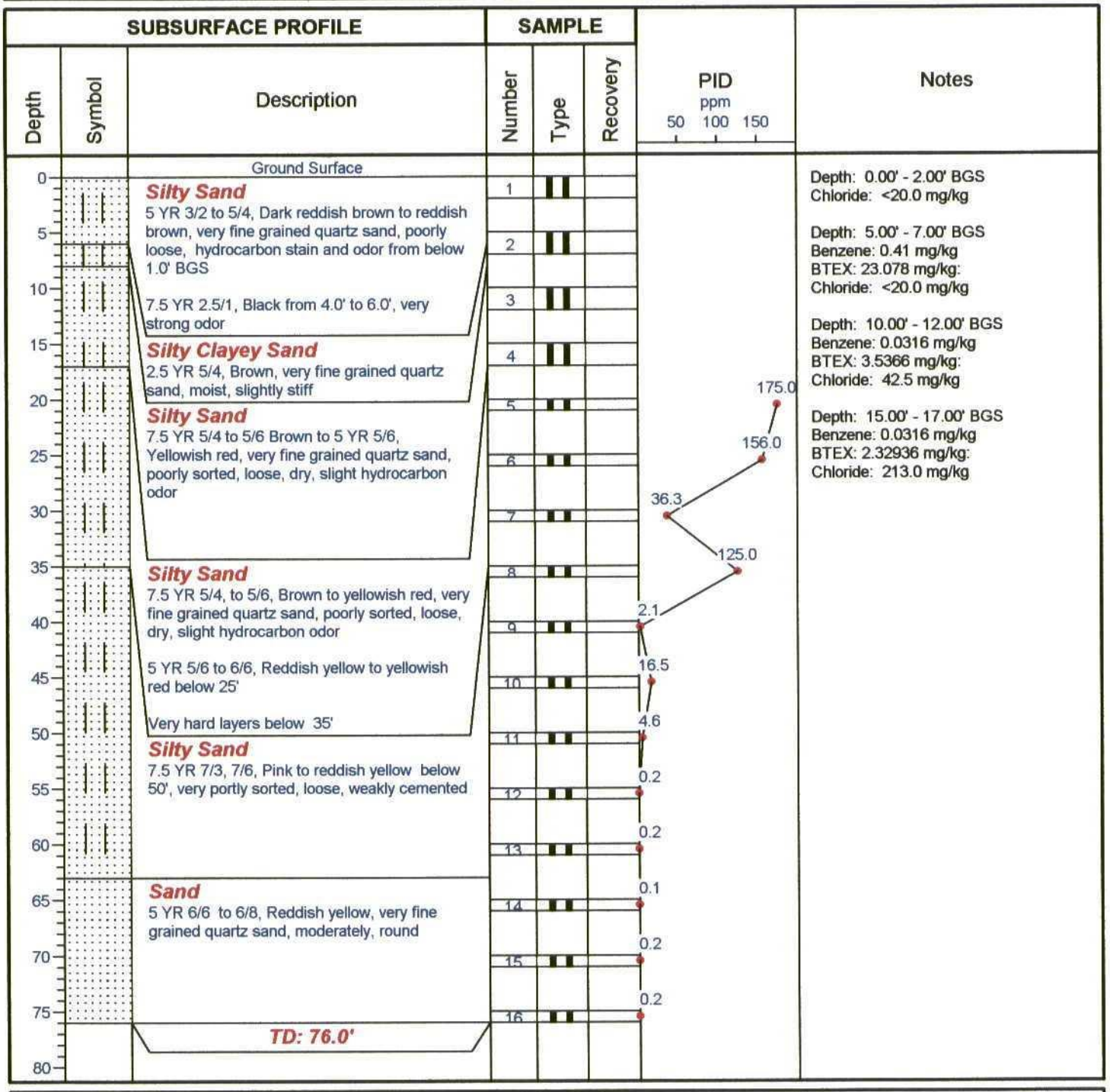
Project No: 6-0104-02

Location: Lea county, New Mexico

Log: BH-10

Page: 1 of 1

Geologist: M. Larson



Drill Method: Air Rotery

Drill Date: 7/5/06,10/5-6/06,10/30/06

Hole Size: 5"

Larson and Associates, Inc
507 N. Marienfeld, Suite 202
Midland, Texas 79701
(432) 687-0901

Elevation: N/A

Checked by: MJL

Drilled by: Scarborough Drilling

Appendix C

Laboratory Reports

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: John Hendrix/ Elliott B-9 #2 & #3

Project Number: 6-0104-02

Location: None Given

Lab Order Number: 6F30010

Report Date: 07/10/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 0-2'	6F30010-01	Soil	06/26/06 12:50	06/30/06 11:12
BH-2 0-2'	6F30010-03	Soil	06/26/06 13:25	06/30/06 11:12
BH-3 0-1'	6F30010-05	Soil	06/27/06 09:32	06/30/06 11:12
BH-4 0-2'	6F30010-07	Soil	06/27/06 10:08	06/30/06 11:12
BH-5 0-2'	6F30010-09	Soil	06/27/06 10:42	06/30/06 11:12
BH-6 0-2'	6F30010-12	Soil	06/27/06 12:42	06/30/06 11:12
BH-7 0-1'	6F30010-15	Soil	06/27/06 13:05	06/30/06 11:12
BH-7 5-6'	6F30010-16	Soil	06/27/06 13:12	06/30/06 11:12
BH-7 10-11'	6F30010-17	Soil	06/27/06 13:20	06/30/06 11:12
BH-7 15-17'	6F30010-18	Soil	06/27/06 13:27	06/30/06 11:12
BH-7 20-21'	6F30010-19	Soil	06/27/06 13:32	06/30/06 11:12
BH-8 0-2'	6F30010-20	Soil	06/27/06 14:05	06/30/06 11:12

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 0-2' (6F30010-01) Soil									
Carbon Ranges C6-C12	ND	50.0	mg/kg dry	5	EF61504	06/30/06	06/30/06	EPA 8015M	
Carbon Ranges C12-C28	**6900**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**1650**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**8550**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*14.1 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*13.6 %*	*70-130*		"	"	"	"	*S-06*
BH-2 0-2' (6F30010-03) Soil									
Carbon Ranges C6-C12	ND	50.0	mg/kg dry	5	EF61504	06/30/06	06/30/06	EPA 8015M	
Carbon Ranges C12-C28	**3570**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**855**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**4420**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*14.9 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*14.0 %*	*70-130*		"	"	"	"	*S-06*
BH-3 0-1' (6F30010-05) Soil									
Carbon Ranges C6-C12	**2690**	50.0	mg/kg dry	5	EF61504	06/30/06	06/30/06	EPA 8015M	
Carbon Ranges C12-C28	**2820**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**5510**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*71.4 %*	*70-130*		"	"	"	"	
BH-4 0-2' (6F30010-07) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF61504	06/30/06	06/30/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.0 %*	*70-130*		"	"	"	"	

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Larson & Associates, Inc.
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Project Manager: Mark Larson

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-5 0-2' (6F30010-09) Soil									
Carbon Ranges C6-C12	ND	50.0	mg/kg dry	5	EF61504	06/30/06	06/30/06	EPA 8015M	
Carbon Ranges C12-C28	**839**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**290**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**1130**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*14.9 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*13.6 %*	*70-130*		"	"	"	"	*S-06*
BH-6 0-2' (6F30010-12) Soil									
Carbon Ranges C6-C12	ND	50.0	mg/kg dry	5	EF61504	06/30/06	07/01/06	EPA 8015M	
Carbon Ranges C12-C28	**1990**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**646**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**2640**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*15.2 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*14.0 %*	*70-130*		"	"	"	"	*S-06*
BH-7 0-1' (6F30010-15) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF61504	06/30/06	07/05/06	EPA 8015M	
Carbon Ranges C12-C28	**71.7**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**53.7**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**125**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*77.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*75.6 %*	*70-130*		"	"	"	"	
BH-7 5-6' (6F30010-16) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF63020	06/30/06	07/03/06	EPA 8021B	
Toluene	**0.113**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.349**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.898**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.486**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*110 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*140 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**1460**	50.0	mg/kg dry	5	EF61504	06/30/06	07/01/06	EPA 8015M	
Carbon Ranges C12-C28	**4730**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**465**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**6660**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*17.2 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*20.8 %*	*70-130*		"	"	"	"	*S-06*

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-7 10-11' (6F30010-17) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF63020	06/30/06	07/05/06	EPA 8021B	
Toluene	**0.163**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.394**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**1.16**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.557**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*100 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*162 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**623**	50.0	mg/kg dry	5	EF61504	06/30/06	07/03/06	EPA 8015M	
Carbon Ranges C12-C28	**8440**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**928**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**9990**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*16.7 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*14.2 %*	*70-130*		"	"	"	"	*S-06*
BH-7 15-17' (6F30010-18) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EF63020	06/30/06	07/03/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.0686**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.146**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.0429**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*109 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.0 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C12	**53.9**	50.0	mg/kg dry	5	EF61504	06/30/06	07/03/06	EPA 8015M	
Carbon Ranges C12-C28	**4460**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**697**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**5210**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*15.1 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*23.0 %*	*70-130*		"	"	"	"	*S-06*

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-7 20-21' (6F30010-19) Soil									
Carbon Ranges C6-C12	**J [6.09]**	10.0	mg/kg dry	1	EF62719	06/30/06	07/03/06	EPA 8015M	J
Carbon Ranges C12-C28	**132**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**17.2**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**149**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*74.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.0 %*	*70-130*		"	"	"	"	
BH-8 0-2' (6F30010-20) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EF62719	06/30/06	07/03/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*80.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*73.8 %*	*70-130*		"	"	"	"	

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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 0-2' (6F30010-01) Soil									
Chloride	**55.0**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**16.5**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-2 0-2' (6F30010-03) Soil									
Chloride	**93.5**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-3 0-1' (6F30010-05) Soil									
Chloride	**286**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**0.3**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-4 0-2' (6F30010-07) Soil									
Chloride	**13.8**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**7.3**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-5 0-2' (6F30010-09) Soil									
Chloride	**13.8**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**1.4**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-6 0-2' (6F30010-12) Soil									
Chloride	**12.9**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**2.9**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-7 0-1' (6F30010-15) Soil									
Chloride	**19.7**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-7 5-6' (6F30010-16) Soil									
Chloride	**12.6**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**9.6**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	

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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-7 10-11' (6F30010-17) Soil									
Chloride	**15.6**	5.00	mg/kg	10	EG60507	07/05/06	07/05/06	EPA 300.0	
% Moisture	**9.2**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-7 15-17' (6F30010-18) Soil									
Chloride	**13.8**	5.00	mg/kg	10	EG60508	07/05/06	07/05/06	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-7 20-21' (6F30010-19) Soil									
Chloride	**21.4**	5.00	mg/kg	10	EG60508	07/05/06	07/05/06	EPA 300.0	
% Moisture	**7.3**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	
BH-8 0-2' (6F30010-20) Soil									
Chloride	**44.9**	5.00	mg/kg	10	EG60508	07/05/06	07/05/06	EPA 300.0	
% Moisture	**19.5**	0.1	%	1	EG60301	06/30/06	07/03/06	% calculation	

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF61504 - Solvent Extraction (GC)										
Blank (EF61504-BLK1)				Prepared & Analyzed: 06/30/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*54.7*		*mg/kg*	*50.0*		*109*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.0*		*"*	*50.0*		*104*	*70-130*			
LCS (EF61504-BS1)				Prepared & Analyzed: 06/30/06						
Carbon Ranges C6-C12	513	10.0	mg/kg wet	500		103	75-125			
Carbon Ranges C12-C28	517	10.0	"	500		103	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbon nC6-nC35	1030	10.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*54.2*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.9*		*"*	*50.0*		*89.8*	*70-130*			
Calibration Check (EF61504-CCV1)				Prepared: 06/30/06 Analyzed: 07/01/06						
Carbon Ranges C6-C12	208		mg/kg	250		83.2	80-120			
Carbon Ranges C12-C28	298		"	250		119	80-120			
Total Hydrocarbon nC6-nC35	505		"	500		101	80-120			
Surrogate: 1-Chlorooctane	*55.4*		*"*	*50.0*		*111*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.6*		*"*	*50.0*		*107*	*70-130*			
Matrix Spike (EF61504-MS1)	**Source: 6F30007-01**			Prepared & Analyzed: 06/30/06						
Carbon Ranges C6-C12	595	10.0	mg/kg dry	559	ND	106	75-125			
Carbon Ranges C12-C28	601	10.0	"	559	ND	108	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbon nC6-nC35	1200	10.0	"	1120	ND	107	75-125			
Surrogate: 1-Chlorooctane	*61.8*		*mg/kg*	*50.0*		*124*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.1*		*"*	*50.0*		*108*	*70-130*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF61504 - Solvent Extraction (GC)										
Matrix Spike Dup (EF61504-MSD1)	**Source: 6F30007-01**		Prepared & Analyzed: 06/30/06							
Carbon Ranges C6-C12	580	10.0	mg/kg dry	559	ND	104	75-125	2.55	20	
Carbon Ranges C12-C28	592	10.0	"	559	ND	106	75-125	1.51	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbon nC6-nC35	1170	10.0	"	1120	ND	104	75-125	2.53	20	
Surrogate: 1-Chlorooctane	*59.9*		*mg/kg*	*50.0*		*120*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.8*		*"*	*50.0*		*104*	*70-130*			
Batch EF62719 - Solvent Extraction (GC)										
Blank (EF62719-BLK1)			Prepared: 06/30/06 Analyzed: 07/01/06							
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*54.6*		*mg/kg*	*50.0*		*109*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.3*		*"*	*50.0*		*113*	*70-130*			
LCS (EF62719-BS1)			Prepared: 06/30/06 Analyzed: 07/01/06							
Carbon Ranges C6-C12	524	10.0	mg/kg wet	500		105	75-125			
Carbon Ranges C12-C28	516	10.0	"	500		103	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbon nC6-nC35	1040	10.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	*54.0*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.6*		*"*	*50.0*		*93.2*	*70-130*			
Calibration Check (EF62719-CCV1)			Prepared: 06/30/06 Analyzed: 07/01/06							
Carbon Ranges C6-C12	208		mg/kg	250		83.2	80-120			
Carbon Ranges C12-C28	298		"	250		119	80-120			
Total Hydrocarbon nC6-nC35	505		"	500		101	80-120			
Surrogate: 1-Chlorooctane	*55.4*		*"*	*50.0*		*111*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.6*		*"*	*50.0*		*107*	*70-130*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF62719 - Solvent Extraction (GC)										
Matrix Spike (EF62719-MS1)	**Source: 6F30011-15**			Prepared: 06/30/06	Analyzed: 07/05/06					
Carbon Ranges C6-C12	512	10.0	mg/kg dry	538	ND	95.2	75-125			
Carbon Ranges C12-C28	521	10.0	"	538	ND	96.8	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbon nC6-nC35	1030	10.0	"	1080	ND	95.4	75-125			
Surrogate: 1-Chlorooctane	*52.4*		*mg/kg*	*50.0*		*105*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.6*		*"*	*50.0*		*87.2*	*70-130*			
Matrix Spike Dup (EF62719-MSD1)	**Source: 6F30011-15**			Prepared: 06/30/06	Analyzed: 07/05/06					
Carbon Ranges C6-C12	529	10.0	mg/kg dry	538	ND	98.3	75-125	3.27	20	
Carbon Ranges C12-C28	528	10.0	"	538	ND	98.1	75-125	1.33	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbon nC6-nC35	1060	10.0	"	1080	ND	98.1	75-125	2.87	20	
Surrogate: 1-Chlorooctane	*53.8*		*mg/kg*	*50.0*		*108*	*70-130*			
Surrogate: 1-Chlorooctadecane	*43.2*		*"*	*50.0*		*86.4*	*70-130*			
Batch EF63020 - EPA 5030C (GC)										
Blank (EF63020-BLK1)				Prepared: 06/30/06	Analyzed: 07/05/06					
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*36.4*		*ug/kg*	*40.0*		*91.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.3*		*"*	*40.0*		*98.2*	*80-120*			
LCS (EF63020-BS1)				Prepared: 06/30/06	Analyzed: 07/03/06					
Benzene	1.28	0.0250	mg/kg wet	1.25		102	80-120			
Toluene	1.37	0.0250	"	1.25		110	80-120			
Ethylbenzene	1.32	0.0250	"	1.25		106	80-120			
Xylene (p/m)	2.75	0.0250	"	2.50		110	80-120			
Xylene (o)	1.36	0.0250	"	1.25		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	*45.8*		*ug/kg*	*40.0*		*114*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.7*		*"*	*40.0*		*96.8*	*80-120*			

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Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF63020 - EPA 5030C (GC)										
Calibration Check (EF63020-CCV1)				Prepared: 06/30/06 Analyzed: 07/05/06						
Benzene	51.7		ug/kg	50.0		103	80-120			
Toluene	55.7		"	50.0		111	80-120			
Ethylbenzene	57.1		"	50.0		114	80-120			
Xylene (p/m)	113		"	100		113	80-120			
Xylene (o)	56.8		"	50.0		114	80-120			
Surrogate: a,a,a-Trifluorotoluene	*40.9*		"	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.2*		"	*40.0*		*98.0*	*80-120*			
Matrix Spike (EF63020-MS1)	**Source: 6F30004-01**			Prepared: 06/30/06 Analyzed: 07/05/06						
Benzene	1.23	0.0250	mg/kg dry	1.26	ND	97.6	80-120			
Toluene	1.33	0.0250	"	1.26	ND	106	80-120			
Ethylbenzene	1.28	0.0250	"	1.26	ND	102	80-120			
Xylene (p/m)	2.79	0.0250	"	2.52	ND	111	80-120			
Xylene (o)	1.34	0.0250	"	1.26	ND	106	80-120			
Surrogate: a,a,a-Trifluorotoluene	*40.7*		*ug/kg*	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*36.6*		"	*40.0*		*91.5*	*80-120*			
Matrix Spike Dup (EF63020-MSD1)	**Source: 6F30004-01**			Prepared: 06/30/06 Analyzed: 07/05/06						
Benzene	1.19	0.0250	mg/kg dry	1.26	ND	94.4	80-120	3.33	20	
Toluene	1.32	0.0250	"	1.26	ND	105	80-120	0.948	20	
Ethylbenzene	1.30	0.0250	"	1.26	ND	103	80-120	0.976	20	
Xylene (p/m)	2.76	0.0250	"	2.52	ND	110	80-120	0.905	20	
Xylene (o)	1.41	0.0250	"	1.26	ND	112	80-120	5.50	20	
Surrogate: a,a,a-Trifluorotoluene	*35.9*		*ug/kg*	*40.0*		*89.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.4*		"	*40.0*		*96.0*	*80-120*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG60301 - General Preparation (Prep)										
Blank (EG60301-BLK1)				Prepared: 06/30/06 Analyzed: 07/03/06						
% Solids	100		%							
Duplicate (EG60301-DUP1)		**Source: 6F30001-01**		Prepared: 06/30/06 Analyzed: 07/03/06						
% Solids	97.9		%		97.5			0.409	20	
Duplicate (EG60301-DUP2)		**Source: 6F30010-09**		Prepared: 06/30/06 Analyzed: 07/03/06						
% Solids	96.5		%		98.6			2.15	20	
Duplicate (EG60301-DUP3)		**Source: 6F30011-18**		Prepared: 06/30/06 Analyzed: 07/03/06						
% Solids	90.1		%		90.0			0.111	20	
Duplicate (EG60301-DUP4)		**Source: 6F30012-11**		Prepared: 06/30/06 Analyzed: 07/03/06						
% Solids	73.9		%		74.7			1.08	20	
Duplicate (EG60301-DUP5)		**Source: 6F30018-01**		Prepared: 06/30/06 Analyzed: 07/03/06						
% Solids	99.9		%		100			0.100	20	
Batch EG60507 - General Preparation (WetChem)										
Blank (EG60507-BLK1)				Prepared & Analyzed: 07/05/06						
Chloride	ND	0.500	mg/kg							
LCS (EG60507-BS1)				Prepared & Analyzed: 07/05/06						
Chloride	9.98	0.500	mg/kg	10.0		99.8	80-120			
Calibration Check (EG60507-CCV1)				Prepared & Analyzed: 07/05/06						
Chloride	9.72		mg/L	10.0		97.2	80-120			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG60507 - General Preparation (WetChem)										
Duplicate (EG60507-DUP1)		**Source: 6F30001-01**		Prepared & Analyzed: 07/05/06						
Chloride	22100	500	mg/kg		21800			1.37	20	
Duplicate (EG60507-DUP2)		**Source: 6F30010-16**		Prepared & Analyzed: 07/05/06						
Chloride	12.5	5.00	mg/kg		12.6			0.797	20	
Matrix Spike (EG60507-MS1)		**Source: 6F30001-01**		Prepared & Analyzed: 07/05/06						
Chloride	27100	500	mg/kg	10000	21800	53.0	80-120			S-07
Matrix Spike (EG60507-MS2)		**Source: 6F30010-16**		Prepared & Analyzed: 07/05/06						
Chloride	196	5.00	mg/kg	100	12.6	183	80-120			S-07
Batch EG60508 - General Preparation (WetChem)										
Blank (EG60508-BLK1)				Prepared & Analyzed: 07/05/06						
Chloride	ND	0.500	mg/kg							
LCS (EG60508-BS1)				Prepared & Analyzed: 07/05/06						
Chloride	10.1	0.500	mg/kg	10.0		101	80-120			
Calibration Check (EG60508-CCV1)				Prepared & Analyzed: 07/05/06						
Chloride	10.2		mg/L	10.0		102	80-120			
Duplicate (EG60508-DUP1)		**Source: 6F30011-06**		Prepared & Analyzed: 07/05/06						
Chloride	696	10.0	mg/kg		673			3.36	20	
Duplicate (EG60508-DUP2)		**Source: 6F30011-18**		Prepared & Analyzed: 07/05/06						
Chloride	4230	50.0	mg/kg		4260			0.707	20	

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Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG60508 - General Preparation (WetChem)										
Matrix Spike (EG60508-MS1)	**Source: 6F30011-06**			Prepared & Analyzed: 07/05/06						
Chloride	948	10.0	mg/kg	200	673	138	80-120			S-07
Matrix Spike (EG60508-MS2)	**Source: 6F30011-18**			Prepared & Analyzed: 07/05/06						
Chloride	5560	50.0	mg/kg	1000	4260	130	80-120			S-07

Notes and Definitions

S-07	Recovery outside Laboratory historical or method prescribed limits.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 7-10-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson

Date/Time: 6/30/00 11:12

Order #: 1QF3001O

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.0 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	Ribon lid *
Container labels legible and intact?	CK Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

* sample time discrepancy on BH-5 0-2'

Variance Documentation:

Contact Person: Mark Larson Date/Time: 07-04-04 @ 928 Contacted by: Carrie Kelly

Regarding:

Sample time discrepancy

Corrective Action Taken:

Client wants to reference COC time. See attached e-mail

Jeanne McMurrey

From: "Mark Larson" <mark@laenvironmental.com>
To: "'Jeanne McMurrey'" <jeanne@elabtexas.com>
Sent: Tuesday, July 04, 2006 9:28 PM
Subject: RE: COC's Received on 6/30/06

-----Original Message-----
From: Jeanne McMurrey [mailto:jeanne@elabtexas.com]
Sent: Monday, July 03, 2006 8:39 AM
To: Mark Larson
Subject: RE: COC's Received on 6/30/06

Hello Mark,

There were a few sample name and/or time discrepancies on the COC's received on Friday. Please reply to this e-mail and let me know which times or name you would like for us to use. Thank you.

Project Name	Labels	COC	Correct
JH/ Ell. B-9 #1,4, 5	BH-19 10-11'	BH-19 10-18'	BH-19, 10-11'
JH/ Ell. B-9 #2, 3	BH-5 0-2' 10:24	BH-5 0-2' 10:42	BH-5, 0-2' 10:42
Penrose Federal #1	BH-30 10-11'	BH-30 10-12'	BH-30, 10-12'
Penrose Federal #1	Dated all 6/29/06	Front page all 6/28/06	Front page should be 6/29/06

Jeanne McMurrey
Environmental Lab of Texas I, Ltd.
12600 West I-20 East
Odessa, Texas 79765
432-563-1800

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This message has been scanned for viruses and dangerous content by **BasinBroadband**, and is believed to be clean.

CHAIN—OF—CUSTODY RECORD

LArson & Associates, Inc. Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME:	SITE MANAGER:
John H. Hendrix Corp.	Mark Larson
PROJECT NO.:	**PROJECT NAME:**
6-0104-02	Elliott B-9 #2 & #3

PAGE 1 OF 2 — LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH (8015) DRO EXO	BTEX (8021B)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
6/26/00	1250		X		BH-1, 0-2'	1	✓		✓	-01	6F30010
"	1300				BH-1, 5-7'	1				-02	
"	1325				BH-2, 0-2'	1	✓		✓	-03	
"	1330				BH-2, 5-6'	1				-04	
6/27/00	0932				BH-3, 0-1'	1	✓		✓	-05	
"	0936				BH-3, 5-6'	1				-06	
"	1008				BH-4, 0-2'	1	✓		✓	-07	
"	1014				BH-4, 5-6'	1				-08	
"	1042				BH-5, 0-2'	1	✓		✓	-09	
"	1050				BH-5, 5-7'	1				-10	
"	1103				BH-5, 10-12'	1				-11	
"	1242				BH-6 0-2'	1	✓		✓	-12	
"	1247				BH-6 5-7'	1				-13	
"	1253				BH-6, 10-12'	1				-14	
"	13:05				BH-7, 0-1'	1	✓		✓	-15	
"	13:12				BH-7 5-6'	1	✓	✓	✓	-16	
"	13:20				BH-7, 10-11'	1	✓	✓	✓	-17	
"	13:27		↓		BH-7, 15-17'	1	✓	✓	✓	-18	

SAMPLED BY: (Signature) — DATE: 6/27/00 TIME: 1412
RELINQUISHED BY: (Signature) — DATE: 6/30/00 TIME: 1112
RELINQUISHED BY: (Signature) — DATE: ____ TIME: ____
RECEIVED BY: (Signature) — DATE: ____ TIME: ____
RECEIVED BY: (Signature) — DATE: ____ TIME: ____

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #: ____
HAND DELIVERED UPS OTHER: ____

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature) Carrie Wells
DATE: 6/30/00 TIME: 11:12

SAMPLE CONDITION WHEN RECEIVED:
no label ice no glass

LA CONTACT PERSON: M. Larson

SAMPLE TYPE: Soil

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: John W. Hendrix

SITE MANAGER: Mark Larson

PROJECT NO.: 6-0104-02

PROJECT NAME: Elliott B-9 #2 & #3

PAGE 2 OF 2

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: DRO ERO TPH (8015)	BTEX (8021B)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
6/27/06	13:32		X		BH-7, 20-21'	1	✓		✓	-19	6F30010
"	1405		↓		BH-8, 0-2'	1	✓		✓	-20	
"	1412		↓		BH-8, 5-6'	1				-21	

SAMPLED BY: (Signature) DATE: 6/27/06 TIME: 1412

RELINQUISHED BY: (Signature) DATE: 6/30/06 TIME: 1112

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 12600 W. I-20 E
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature) Carin Kelly
DATE: 6/30/06 TIME: 11:12

SAMPLE CONDITION WHEN RECEIVED:
no label LO

LA CONTACT PERSON: M. Larson

SAMPLE TYPE: Soil

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: John Hendrix/ Elliott B-9 #2 & #3

Project Number: 6-0104-02

Location: None Given

Lab Order Number: 6G07009

Report Date: 07/13/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-9 0-2'	6G07009-01	Soil	07/05/06 10:00	07/07/06 11:10
BH-10 0-2'	6G07009-03	Soil	07/05/06 10:17	07/07/06 11:10
BH-10 5-7'	6G07009-04	Soil	07/05/06 10:22	07/07/06 11:10
BH-10 10-12'	6G07009-05	Soil	07/05/06 10:28	07/07/06 11:10
BH-10 15-17'	6G07009-06	Soil	07/05/06 10:33	07/07/06 11:10

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-9 0-2' (6G07009-01) Soil									
Carbon Ranges C6-C12	**ND**	10.0	mg/kg dry	1	EF62324	07/07/06	07/08/06	EPA 8015M.	
Carbon Ranges C12-C28	**724**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**212**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**936**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*98.0 %*	*70-130*		"	"	"	"	
BH-10 0-2' (6G07009-03) Soil									
Carbon Ranges C6-C12	**ND**	10.0	mg/kg dry	1	EF62324	07/07/06	07/08/06	EPA 8015M	
Carbon Ranges C12-C28	**298**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**85.6**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**384**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*96.2 %*	*70-130*		"	"	"	"	
BH-10 5-7' (6G07009-04) Soil									
Benzene	**0.410**	0.0250	mg/kg dry	25	EG61103	07/11/06	07/11/06	EPA 8021B	
Toluene	**1.20**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**9.42**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**11.6**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.448**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*268 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*172 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**1880**	50.0	mg/kg dry	5	EF62324	07/07/06	07/08/06	EPA 8015M	
Carbon Ranges C12-C28	**14100**	50.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**1080**	50.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**17100**	50.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*29.0 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*18.5 %*	*70-130*		"	"	"	"	*S-06*

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-10 10-12' (6G07009-05) Soil									
Benzene	**0.0316**	0.0250	mg/kg dry	25	EG61103	07/11/06	07/11/06	EPA 8021B	
Toluene	**0.407**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.458**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**2.11**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.530**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*143 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*163 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**1030**	10.0	mg/kg dry	1	EF62324	07/07/06	07/08/06	EPA 8015M	
Carbon Ranges C12-C28	**6400**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**266**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**7700**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*131 %*	*70-130*		"	"	"	"	*S-04*
Surrogate: 1-Chlorooctadecane		*145 %*	*70-130*		"	"	"	"	*S-04*
BH-10 15-17' (6G07009-06) Soil									
Benzene	**J [0.0103]**	0.0250	mg/kg dry	25	EG61103	07/11/06	07/11/06	EPA 8021B	J
Toluene	**0.189**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.314**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**1.34**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.476**	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*118 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*150 %*	*80-120*		"	"	"	"	*S-04*
Carbon Ranges C6-C12	**818**	10.0	mg/kg dry	1	EF62324	07/07/06	07/08/06	EPA 8015M	
Carbon Ranges C12-C28	**6200**	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	**240**	10.0	"	"	"	"	"	"	
Total Hydrocarbon nC6-nC35	**7260**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.8 %*	*70-130*		"	"	"	"	

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Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-9 0-2' (6G07009-01) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EG61003	07/10/06	07/11/06	SW 846 9253	
% Moisture	**0.9**	0.1	%	1	EG61010	07/07/06	07/10/06	% calculation	
BH-10 0-2' (6G07009-03) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EG61003	07/10/06	07/11/06	SW 846 9253	
% Moisture	**15.2**	0.1	%	1	EG61010	07/07/06	07/10/06	% calculation	
BH-10 5-7' (6G07009-04) Soil									
Chloride	ND	20.0	mg/kg Wet	2	EG61003	07/10/06	07/11/06	SW 846 9253	
% Moisture	**20.0**	0.1	%	1	EG61010	07/07/06	07/10/06	% calculation	
BH-10 10-12' (6G07009-05) Soil									
Chloride	**42.5**	20.0	mg/kg Wet	2	EG61003	07/10/06	07/11/06	SW 846 9253	
% Moisture	**9.4**	0.1	%	1	EG61010	07/07/06	07/10/06	% calculation	
BH-10 15-17' (6G07009-06) Soil									
Chloride	**213**	20.0	mg/kg Wet	2	EG61003	07/10/06	07/11/06	SW 846 9253	
% Moisture	**7.1**	0.1	%	1	EG61010	07/07/06	07/10/06	% calculation	

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Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF62324 - Solvent Extraction (GC)										
Blank (EF62324-BLK1)				Prepared: 07/07/06 Analyzed: 07/08/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*49.6*		*mg/kg*	*50.0*		*99.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.3*		*"*	*50.0*		*94.6*	*70-130*			
LCS (EF62324-BS1)				Prepared: 07/07/06 Analyzed: 07/08/06						
Carbon Ranges C6-C12	523	10.0	mg/kg wet	500		105	75-125			
Carbon Ranges C12-C28	533	10.0	"	500		107	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbon nC6-nC35	1060	10.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	*57.8*		*mg/kg*	*50.0*		*116*	*70-130*			
Surrogate: 1-Chlorooctadecane	*49.9*		*"*	*50.0*		*99.8*	*70-130*			
Calibration Check (EF62324-CCV1)				Prepared: 07/07/06 Analyzed: 07/09/06						
Carbon Ranges C6-C12	270		mg/kg	250		108	80-120			
Carbon Ranges C12-C28	293		"	250		117	80-120			
Total Hydrocarbon nC6-nC35	563		"	500		113	80-120			
Surrogate: 1-Chlorooctane	*64.0*		*"*	*50.0*		*128*	*70-130*			
Surrogate: 1-Chlorooctadecane	*60.0*		*"*	*50.0*		*120*	*70-130*			
Matrix Spike (EF62324-MS1)	**Source: 6G07012-06**			Prepared: 07/07/06 Analyzed: 07/08/06						
Carbon Ranges C6-C12	553	10.0	mg/kg dry	582	ND	95.0	75-125			
Carbon Ranges C12-C28	570	10.0	"	582	ND	97.9	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbon nC6-nC35	1120	10.0	"	1160	ND	96.6	75-125			
Surrogate: 1-Chlorooctane	*61.6*		*mg/kg*	*50.0*		*123*	*70-130*			
Surrogate: 1-Chlorooctadecane	*52.2*		*"*	*50.0*		*104*	*70-130*			

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Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EF62324 - Solvent Extraction (GC)										
Matrix Spike Dup (EF62324-MSD1)	**Source: 6G07012-06**			Prepared: 07/07/06 Analyzed: 07/08/06						
Carbon Ranges C6-C12	555	10.0	mg/kg dry	582	ND	95.4	75-125	0.361	20	
Carbon Ranges C12-C28	577	10.0	"	582	ND	99.1	75-125	1.22	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbon nC6-nC35	1130	10.0	"	1160	ND	97.4	75-125	0.889	20	
Surrogate: 1-Chlorooctane	*64.0*		*mg/kg*	*50.0*		*128*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.8*		*"*	*50.0*		*110*	*70-130*			
Batch EG61103 - EPA 5030C (GC)										
Blank (EG61103-BLK1)				Prepared & Analyzed: 07/11/06						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*40.9*		*ug/kg*	*40.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*40.8*		*"*	*40.0*		*102*	*80-120*			
LCS (EG61103-BS1)				Prepared & Analyzed: 07/11/06						
Benzene	1.34	0.0250	mg/kg wet	1.25		107	80-120			
Toluene	1.33	0.0250	"	1.25		106	80-120			
Ethylbenzene	1.29	0.0250	"	1.25		103	80-120			
Xylene (p/m)	2.89	0.0250	"	2.50		116	80-120			
Xylene (o)	1.40	0.0250	"	1.25		112	80-120			
Surrogate: a,a,a-Trifluorotoluene	*36.8*		*ug/kg*	*40.0*		*92.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*42.9*		*"*	*40.0*		*107*	*80-120*			

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61103 - EPA 5030C (GC)										
Calibration Check (EG61103-CCV1)				Prepared & Analyzed: 07/11/06						
Benzene	56.1		ug/kg	50.0		112	80-120			
Toluene	54.6		"	50.0		109	80-120			
Ethylbenzene	55.7		"	50.0		111	80-120			
Xylene (p/m)	114		"	100		114	80-120			
Xylene (o)	55.6		"	50.0		111	80-120			
Surrogate: a,a,a-Trifluorotoluene	*39.1*		"	*40.0*		*97.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.7*		"	*40.0*		*99.2*	*80-120*			
Matrix Spike (EG61103-MS1)		**Source: 6G10004-03**		Prepared & Analyzed: 07/11/06						
Benzene	1.45	0.0250	mg/kg dry	1.29	ND	112	80-120			
Toluene	1.47	0.0250	"	1.29	ND	114	80-120			
Ethylbenzene	1.45	0.0250	"	1.29	ND	112	80-120			
Xylene (p/m)	3.03	0.0250	"	2.58	ND	117	80-120			
Xylene (o)	1.49	0.0250	"	1.29	ND	116	80-120			
Surrogate: a,a,a-Trifluorotoluene	*39.2*		*ug/kg*	*40.0*		*98.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*46.2*		"	*40.0*		*116*	*80-120*			
Matrix Spike Dup (EG61103-MSD1)		**Source: 6G10004-03**		Prepared & Analyzed: 07/11/06						
Benzene	1.40	0.0250	mg/kg dry	1.29	ND	109	80-120	2.71	20	
Toluene	1.40	0.0250	"	1.29	ND	109	80-120	4.48	20	
Ethylbenzene	1.35	0.0250	"	1.29	ND	105	80-120	6.45	20	
Xylene (p/m)	2.99	0.0250	"	2.58	ND	116	80-120	0.858	20	
Xylene (o)	1.43	0.0250	"	1.29	ND	111	80-120	4.41	20	
Surrogate: a,a,a-Trifluorotoluene	*37.1*		*ug/kg*	*40.0*		*92.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.5*		"	*40.0*		*96.2*	*80-120*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61003 - General Preparation (WetChem)										
Blank (EG61003-BLK1)				Prepared: 07/10/06 Analyzed: 07/11/06						
Chloride	ND	20.0	mg/kg Wet							
LCS (EG61003-BS1)				Prepared & Analyzed: 07/11/06						
Chloride	83.0		mg/kg	100		83.0	80-120			
Matrix Spike (EG61003-MS1)	**Source: 6G07006-01**			Prepared: 07/10/06 Analyzed: 07/11/06						
Chloride	17800	20.0	mg/kg Wet	500	17200	120	80-120			
Matrix Spike Dup (EG61003-MSD1)	**Source: 6G07006-01**			Prepared: 07/10/06 Analyzed: 07/11/06						
Chloride	17800	20.0	mg/kg Wet	500	17200	120	80-120	0.00	20	
Reference (EG61003-SRM1)				Prepared & Analyzed: 07/11/06						
Chloride	50.0		mg/kg	50.0		100	80-120			
Batch EG61010 - General Preparation (Prep)										
Blank (EG61010-BLK1)				Prepared: 07/07/06 Analyzed: 07/11/06						
% Moisture	ND	0.1	%							
Duplicate (EG61010-DUP1)	**Source: 6G07002-01**			Prepared: 07/07/06 Analyzed: 07/10/06						
% Solids	92.8		%		94.6			1.92	20	
Duplicate (EG61010-DUP2)	**Source: 6G07004-12**			Prepared: 07/07/06 Analyzed: 07/10/06						
% Solids	86.8		%		87.8			1.15	20	
Duplicate (EG61010-DUP3)	**Source: 6G07007-03**			Prepared: 07/07/06 Analyzed: 07/10/06						
% Solids	90.1		%		89.0			1.23	20	

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61010 - General Preparation (Prep)										
Duplicate (EG61010-DUP4)		**Source: 6G07012-03**		Prepared: 07/07/06 Analyzed: 07/10/06						
% Solids	95.2		%		94.0			1.27	20	

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K. Tuttle Date: 7-13-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

LA Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: John H. Hendrix Corp
SITE MANAGER: Mark Larson
PROJECT NO.: 6-0104-02
PROJECT NAME: Elliott B-9, #2 & #3
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: BTEX (8021B)	TPH (8015 Mod/GRO)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/5/06	1000		X		BH-9, 0-2'	1		✓	✓	0607089	-01
	1005				BH-9, 5-7'	1					-02
	1017				BH-10, 0-2'	1		✓	✓		-03
	1022				BH-10, 5-7'	1	✓	✓	✓		-04
	1028				BH-10, 10-12'	1	✓	✓	✓		-05
↓	1033		↓		BH-10, 15-17'	1	✓	✓	✓		-06

SAMPLED BY: (Signature) DATE: 7/5/06 TIME: 1033
RELINQUISHED BY: (Signature) DATE: 7/7/06 TIME: 11:10
RELINQUISHED BY: (Signature) DATE: _____ TIME: _____
RECEIVED BY: (Signature) DATE: _____ TIME: _____
RECEIVED BY: (Signature) DATE: _____ TIME: _____

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #: _____
HAND DELIVERED UPS OTHER: _____

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 1260 W I-20 E
CITY: Midland STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 1800

RECEIVED BY: (Signature) Carol Kelly
DATE: 7/7/06 TIME: 11:10

SAMPLE CONDITION WHEN RECEIVED:
4oz glass 4°C w/o labels

LA CONTACT PERSON: M. Larson

SAMPLE TYPE: Soil

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson

Date/Time: 7/7/06 11:10

Order #: 6070009

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	4.0 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	ID on lid
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Regarding:

Corrective Action Taken:

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: John H. Hendrix Corp
SITE MANAGER: Mark Larson
PROJECT NO.: 6-0104-02
PROJECT NAME: Elliott B-9, #2 & #3
PAGE 1 OF 1
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	BTEX (8021B)	TPH (8015 DRO/GRO)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
7/5/06	1000		X		BH-9 0-2'	1		✓	✓	[illegible]	-01
↓	1005		↓		BH-9 5-7'	1					-02
↓	1017		↓		BH-10, 0-2'	1		✓	✓		-03
↓	1022		↓		BH-10, 5-7'	1	✓	✓	✓		-04
↓	1028		↓		BH-10, 10-12'	1	✓	✓	✓		-05
↓	1033		↓		BH-10, 15-17'	1	✓	✓	✓		-06

SAMPLED BY: (Signature) [signature] DATE: 7/7/06 TIME: 1033
RELINQUISHED BY: (Signature) DATE: ______ TIME: ______
RECEIVED BY: (Signature) DATE: ______ TIME: ______

RELINQUISHED BY: (Signature) [signature] DATE: 7/7/06 TIME: 1110
RECEIVED BY: (Signature) DATE: ______ TIME: ______

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #: ______
HAND DELIVERED UPS OTHER: ______

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELTI
ADDRESS: 12600 W I-20 E
CITY: Midland STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (463) 1800

RECEIVED BY: (Signature) [signature]
DATE: 7/7/06 TIME: 11:10

SAMPLE CONDITION WHEN RECEIVED: [illegible] 4.0 [illegible]

LA CONTACT PERSON: M. Larson

SAMPLE TYPE: Soil

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: John Hendrix/ Elliott B-9 #2 & #3

Project Number: 6-0104-02

Location: None Given

Lab Order Number: 6J06020

Report Date: 10/16/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-10, 20'	6J06020-01	Soil	10/04/06 14:55	10-06-2006 16:45
BH-10, 25'	6J06020-02	Soil	10/04/06 14:58	10-06-2006 16:45
BH-10, 30'	6J06020-03	Soil	10/04/06 15:05	10-06-2006 16:45
BH-10, 35'	6J06020-04	Soil	10/04/06 15:10	10-06-2006 16:45
BH-10, 40'	6J06020-05	Soil	10/05/06 13:55	10-06-2006 16:45
BH-10, 45'	6J06020-06	Soil	10/05/06 14:05	10-06-2006 16:45
BH-10, 50'	6J06020-07	Soil	10/05/06 14:15	10-06-2006 16:45

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-10, 20' (6J06020-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EJ61313	10/13/06	10/13/06	EPA 8021B	
Toluene	**0.0333**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**J [0.0248]**	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	**0.0778**	0.0250	"	"	"	"	"	"	
Xylene (o)	**J [0.0177]**	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		*83.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	**97.0**	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	**97.0**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*89.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*82.2 %*	*70-130*		"	"	"	"	
BH-10, 25' (6J06020-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EJ61313	10/13/06	10/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*83.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	**41.3**	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	**41.3**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*99.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*89.8 %*	*70-130*		"	"	"	"	
BH-10, 30' (6J06020-03) Soil									
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	**J [5.90]**	10.0	"	"	"	"	"	"	J
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*86.8 %*	*70-130*		"	"	"	"	

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Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-10, 35' (6J06020-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EJ61313	10/13/06	10/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*82.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84.8 %*	*80-120*		"	"	"	"	
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	**32.1**	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	**32.1**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*95.4 %*	*70-130*		"	"	"	"	
BH-10, 40' (6J06020-05) Soil									
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*95.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*84.4 %*	*70-130*		"	"	"	"	
BH-10, 45' (6J06020-06) Soil									
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	**17.2**	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	**17.2**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*80.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.8 %*	*70-130*		"	"	"	"	
BH-10, 50' (6J06020-07) Soil									
Carbon Ranges C6-C10	ND	10.0	mg/kg dry	1	EJ60902	10/09/06	10/09/06	EPA 8015B	
Carbon Ranges >C10-C28	ND	10.0	"	"	"	"	"	"	
Total Carbon Range C6-C28	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*77.6 %*	*70-130*		"	"	"	"	

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General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-10, 20' (6J06020-01) Soil									
Chloride	**659**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**5.1**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	
BH-10, 25' (6J06020-02) Soil									
Chloride	**978**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**5.6**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	
BH-10, 30' (6J06020-03) Soil									
Chloride	**681**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**2.2**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	
BH-10, 35' (6J06020-04) Soil									
Chloride	**298**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**1.1**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	
BH-10, 40' (6J06020-05) Soil									
Chloride	**681**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**2.4**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	
BH-10, 45' (6J06020-06) Soil									
Chloride	**638**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**1.7**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	
BH-10, 50' (6J06020-07) Soil									
Chloride	**808**	20.0	mg/kg Wet	2	EJ60903	10/09/06	10/09/06	SW 846 9253	
% Moisture	**1.7**	0.1	%	1	EJ60612	10/06/06	10/08/06	% calculation	

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ60902 - Solvent Extraction (GC)										
Blank (EJ60902-BLK1)				Prepared & Analyzed: 10/09/06						
Carbon Ranges C6-C10	ND	10.0	mg/kg wet							
Carbon Ranges >C10-C28	ND	10.0	"							
Total Carbon Range C6-C28	ND	10.0	"							
Surrogate: 1-Chlorooctane	*48.9*		*mg/kg*	*50.0*		*97.8*	*70-130*			
Surrogate: 1-Chlorooctadecane	*44.1*		*"*	*50.0*		*88.2*	*70-130*			
LCS (EJ60902-BS1)				Prepared & Analyzed: 10/09/06						
Carbon Ranges C6-C10	522	10.0	mg/kg wet	500		104	75-125			
Carbon Ranges >C10-C28	432	10.0	"	500		86.4	75-125			
Total Carbon Range C6-C28	954	10.0	"	1000		95.4	75-125			
Surrogate: 1-Chlorooctane	*56.3*		*mg/kg*	*50.0*		*113*	*70-130*			
Surrogate: 1-Chlorooctadecane	*42.8*		*"*	*50.0*		*85.6*	*70-130*			
Calibration Check (EJ60902-CCV1)				Prepared: 10/09/06 Analyzed: 10/10/06						
Carbon Ranges C6-C10	201		mg/kg	250		80.4	80-120			
Carbon Ranges >C10-C28	249		"	250		99.6	80-120			
Total Carbon Range C6-C28	450		"	500		90.0	80-120			
Surrogate: 1-Chlorooctane	*52.8*		*"*	*50.0*		*106*	*70-130*			
Surrogate: 1-Chlorooctadecane	*46.0*		*"*	*50.0*		*92.0*	*70-130*			
Matrix Spike (EJ60902-MS1)	**Source: 6J06021-04**			Prepared: 10/09/06 Analyzed: 10/10/06						
Carbon Ranges C6-C10	602	10.0	mg/kg dry	504	ND	119	75-125			
Carbon Ranges >C10-C28	537	10.0	"	504	ND	107	75-125			
Total Carbon Range C6-C28	1140	10.0	"	1010	ND	113	75-125			
Surrogate: 1-Chlorooctane	*63.0*		*mg/kg*	*50.0*		*126*	*70-130*			
Surrogate: 1-Chlorooctadecane	*51.3*		*"*	*50.0*		*103*	*70-130*			
Matrix Spike Dup (EJ60902-MSD1)	**Source: 6J06021-04**			Prepared: 10/09/06 Analyzed: 10/10/06						
Carbon Ranges C6-C10	523	10.0	mg/kg dry	504	ND	104	75-125	14.0	20	
Carbon Ranges >C10-C28	466	10.0	"	504	ND	92.5	75-125	14.2	20	
Total Carbon Range C6-C28	989	10.0	"	1010	ND	97.9	75-125	14.2	20	
Surrogate: 1-Chlorooctane	*55.9*		*mg/kg*	*50.0*		*112*	*70-130*			
Surrogate: 1-Chlorooctadecane	*41.0*		*"*	*50.0*		*82.0*	*70-130*			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ61313 - EPA 5030C (GC)										
Blank (EJ61313-BLK1)				Prepared: 10/13/06 Analyzed: 10/14/06						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	*32.3*		*ug/kg*	*40.0*		*80.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.4*		*"*	*40.0*		*98.5*	*80-120*			
LCS (EJ61313-BS1)				Prepared & Analyzed: 10/13/06						
Benzene	0.0428	0.00100	mg/kg wet	0.0500		85.6	80-120			
Toluene	0.0404	0.00100	"	0.0500		80.8	80-120			
Ethylbenzene	0.0445	0.00100	"	0.0500		89.0	80-120			
Xylene (p/m)	0.0807	0.00100	"	0.100		80.7	80-120			
Xylene (o)	0.0412	0.00100	"	0.0500		82.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	*37.4*		*ug/kg*	*40.0*		*93.5*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*32.1*		*"*	*40.0*		*80.2*	*80-120*			
Calibration Check (EJ61313-CCV1)				Prepared: 10/13/06 Analyzed: 10/14/06						
Benzene	48.7		ug/kg	50.0		97.4	80-120			
Toluene	44.5		"	50.0		89.0	80-120			
Ethylbenzene	41.7		"	50.0		83.4	80-120			
Xylene (p/m)	82.7		"	100		82.7	80-120			
Xylene (o)	41.3		"	50.0		82.6	80-120			
Surrogate: a,a,a-Trifluorotoluene	*34.7*		*"*	*40.0*		*86.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.6*		*"*	*40.0*		*99.0*	*80-120*			
Matrix Spike (EJ61313-MS1)	**Source: 6J06002-03**			Prepared: 10/13/06 Analyzed: 10/14/06						
Benzene	1.28	0.0250	mg/kg dry	1.37	ND	93.4	80-120			
Toluene	1.16	0.0250	"	1.37	ND	84.7	80-120			
Ethylbenzene	1.32	0.0250	"	1.37	ND	96.4	80-120			
Xylene (p/m)	2.35	0.0250	"	2.75	ND	85.5	80-120			
Xylene (o)	1.13	0.0250	"	1.37	ND	82.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	*32.5*		*ug/kg*	*40.0*		*81.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*38.6*		*"*	*40.0*		*96.5*	*80-120*			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ61313 - EPA 5030C (GC)										
Matrix Spike Dup (EJ61313-MSD1)	**Source: 6J06002-03**			Prepared: 10/13/06 Analyzed: 10/16/06						
Benzene	1.10	0.0250	mg/kg dry	1.37	ND	80.3	80-120	15.1	20	
Toluene	1.12	0.0250	"	1.37	ND	81.8	80-120	3.48	20	
Ethylbenzene	1.17	0.0250	"	1.37	ND	85.4	80-120	12.1	20	
Xylene (p/m)	2.27	0.0250	"	2.75	ND	82.5	80-120	3.57	20	
Xylene (o)	1.15	0.0250	"	1.37	ND	83.9	80-120	1.68	20	
Surrogate: a,a,a-Trifluorotoluene	*33.9*		*ug/kg*	*40.0*		*84.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*39.5*		*"*	*40.0*		*98.8*	*80-120*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ60612 - General Preparation (Prep)										
Blank (EJ60612-BLK1)				Prepared & Analyzed: 10/06/06						
% Solids	99.8		%							
% Moisture	0.2	0.1	"							
Duplicate (EJ60612-DUP1)		**Source: 6J06001-01**		Prepared & Analyzed: 10/06/06						
% Solids	89.6		%		90.0			0.445	20	
Duplicate (EJ60612-DUP2)		**Source: 6J05021-03**		Prepared: 10/06/06 Analyzed: 10/10/06						
% Solids	76.1		%		76.1			0.00	20	
Duplicate (EJ60612-DUP3)		**Source: 6J06007-02**		Prepared: 10/06/06 Analyzed: 10/10/06						
% Solids	91.5		%		91.0			0.548	20	
Duplicate (EJ60612-DUP4)		**Source: 6J05008-12**		Prepared: 10/06/06 Analyzed: 10/10/06						
% Solids	92.7		%		91.7			1.08	20	
Duplicate (EJ60612-DUP5)		**Source: 6J06020-02**		Prepared: 10/06/06 Analyzed: 10/10/06						
% Solids	94.1		%		94.4			0.318	20	
Duplicate (EJ60612-DUP6)		**Source: 6J06016-02**		Prepared: 10/06/06 Analyzed: 10/10/06						
% Solids	97.6		%		98.8			1.22	20	
Batch EJ60903 - Water Extraction										
Blank (EJ60903-BLK1)				Prepared & Analyzed: 10/09/06						
Chloride	ND	20.0	mg/kg Wet							
LCS (EJ60903-BS1)				Prepared & Analyzed: 10/09/06						
Chloride	91.5	5.00	mg/kg Wet	100		91.5	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EJ60903 - Water Extraction										
Matrix Spike (EJ60903-MS1)	**Source: 6J07001-01**			Prepared & Analyzed: 10/09/06						
Chloride	510	20.0	mg/kg Wet	500	0.00	102	80-120			
Matrix Spike Dup (EJ60903-MSD1)	**Source: 6J07001-01**			Prepared & Analyzed: 10/09/06						
Chloride	510	20.0	mg/kg Wet	500	0.00	102	80-120	0.00	20	
Reference (EJ60903-SRM1)				Prepared & Analyzed: 10/09/06						
Chloride	51.0		mg/kg	50.0		102	80-120			

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Celey D. Keene Date: 10/16/06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

CHAIN—OF—CUSTODY RECORD

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CLIENT NAME: JH HC

SITE MANAGER: M. Larson

PROJECT NO.: 6-0104-02

PROJECT NAME: Elliott B-9 #2+#3

PAGE 1 OF 1

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH (8015B)	Chloride	BTEX (8021B)	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
10/4/06	14:55		✓		BH-10, 20'	1	✓	✓	✓	610602D-01	
"	14:55		✓		BH-10, 25'	1	✓	✓	✓	-02	
"	15:05		✓		BH-10, 30'	1	✓	✓	✓	-03	
"	15:10		✓		BH-10, 35'	1	✓	✓	✓	-04	
10/5/06	8:55		✓		BH-10, 40'	1	✓	✓		-05	
"	14:08		✓		BH-10, 45'	1	✓	✓		-06	
"	14:15		✓		BH-10, 50'	1	✓	✓		-07	

SAMPLED BY: (Signature) DATE: 10/5/06 TIME:

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 10/4/06 TIME: 12:45

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 1200 W I-20 E
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature) Jane Memmus
DATE: 10-6-06 TIME: 1645

SAMPLE CONDITION WHEN RECEIVED:
4 oz glass on ice 4.0°C

LA CONTACT PERSON: Mark Larson

SAMPLE TYPE: Soil

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Larson ; Asscciates

Date/ Time: 10-06-06 @ 1645

Lab ID # : 6J06020

Initials: JMM

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	4.0 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	(Not Present)	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	Yes	No	(ID written on Cont./Lid)	
#9	Container label(s) legible and intact?	Yes	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: John Hendrix/ Elliott B-9 #2 & #3

Project Number: 6-0104-02

Location: None Given

Lab Order Number: 6G14008

Report Date: 07/20/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 5-7'	6G14008-01	Soil	06/26/06 13:00	06/30/06 11:12
BH-2 5-6'	6G14008-02	Soil	06/26/06 13:30	06/30/06 11:12
BH-3 5-6'	6G14008-03	Soil	06/27/06 09:36	06/30/06 11:12
BH-5 5-7'	6G14008-04	Soil	06/27/06 10:50	06/30/06 11:12
BH-6 5-7'	6G14008-05	Soil	06/27/06 12:47	06/30/06 11:12

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 5-7' (6G14008-01) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EG61410	07/14/06	07/14/06	EPA 8015M	O-04
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	O-04
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	O-04
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	O-04
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		"	"	"	"	*O-04*
Surrogate: 1-Chlorooctadecane		*115 %*	*70-130*		"	"	"	"	*O-04*
BH-2 5-6' (6G14008-02) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EG61410	07/14/06	07/14/06	EPA 8015M	O-04
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	O-04
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	O-04
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	O-04
Surrogate: 1-Chlorooctane		*121 %*	*70-130*		"	"	"	"	*O-04*
Surrogate: 1-Chlorooctadecane		*117 %*	*70-130*		"	"	"	"	*O-04*
BH-3 5-6' (6G14008-03) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EG61410	07/14/06	07/14/06	EPA 8015M	O-04
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	O-04
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	O-04
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	O-04
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		"	"	"	"	*O-04*
Surrogate: 1-Chlorooctadecane		*110 %*	*70-130*		"	"	"	"	*O-04*
BH-5 5-7' (6G14008-04) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EG61410	07/14/06	07/14/06	EPA 8015M	O-04
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	O-04
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	O-04
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	O-04
Surrogate: 1-Chlorooctane		*117 %*	*70-130*		"	"	"	"	*O-04*
Surrogate: 1-Chlorooctadecane		*116 %*	*70-130*		"	"	"	"	*O-04*

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-6 5-7' (6G14008-05) Soil									
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EG61410	07/14/06	07/14/06	EPA 8015M	O-04
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	O-04
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	O-04
Total Hydrocarbon nC6-nC35	ND	10.0	"	"	"	"	"	"	O-04
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		"	"	"	"	*O-04*
Surrogate: 1-Chlorooctadecane		*110 %*	*70-130*		"	"	"	"	*O-04*

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-1 5-7' (6G14008-01) Soil									
Chloride	**13.8**	5.00	mg/kg	10	EG61910	07/19/06	07/19/06	EPA 300.0	
% Moisture	**9.1**	0.1	%	1	EG61707	07/14/06	07/17/06	% calculation	
BH-2 5-6' (6G14008-02) Soil									
Chloride	**14.8**	5.00	mg/kg	10	EG61910	07/19/06	07/19/06	EPA 300.0	
% Moisture	**20.2**	0.1	%	1	EG61707	07/14/06	07/17/06	% calculation	
BH-3 5-6' (6G14008-03) Soil									
Chloride	**67.2**	5.00	mg/kg	10	EG61910	07/19/06	07/19/06	EPA 300.0	
% Moisture	**22.2**	0.1	%	1	EG61707	07/14/06	07/17/06	% calculation	
BH-5 5-7' (6G14008-04) Soil									
Chloride	**29.7**	10.0	mg/kg	20	EG61910	07/19/06	07/19/06	EPA 300.0	
% Moisture	**31.9**	0.1	%	1	EG61707	07/14/06	07/17/06	% calculation	
BH-6 5-7' (6G14008-05) Soil									
Chloride	**131**	10.0	mg/kg	20	EG61910	07/19/06	07/19/06	EPA 300.0	
% Moisture	**14.6**	0.1	%	1	EG61707	07/14/06	07/17/06	% calculation	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61410 - Solvent Extraction (GC)										
Blank (EG61410-BLK1)				Prepared & Analyzed: 07/14/06						
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon nC6-nC35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*52.2*		*mg/kg*	*50.0*		*104*	*70-130*			
Surrogate: 1-Chlorooctadecane	*50.7*		*"*	*50.0*		*101*	*70-130*			
LCS (EG61410-BS1)				Prepared & Analyzed: 07/14/06						
Carbon Ranges C6-C12	483	10.0	mg/kg wet	500		96.6	75-125			
Carbon Ranges C12-C28	502	10.0	"	500		100	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125			
Total Hydrocarbon nC6-nC35	985	10.0	"	1000		98.5	75-125			
Surrogate: 1-Chlorooctane	*64.9*		*mg/kg*	*50.0*		*130*	*70-130*			
Surrogate: 1-Chlorooctadecane	*53.3*		*"*	*50.0*		*107*	*70-130*			
Calibration Check (EG61410-CCV1)				Prepared & Analyzed: 07/14/06						
Carbon Ranges C6-C12	224		mg/kg wet	250		89.6	80-120			
Carbon Ranges C12-C28	289		"	250		116	80-120			
Total Hydrocarbon nC6-nC35	514		"	500		103	80-120			
Surrogate: 1-Chlorooctane	*80.1*		*mg/kg*	*75.0*		*107*	*70-130*			
Surrogate: 1-Chlorooctadecane	*83.8*		*"*	*75.0*		*112*	*70-130*			
Matrix Spike (EG61410-MS1)	**Source: 6G14006-01**			Prepared & Analyzed: 07/14/06						
Carbon Ranges C6-C12	599	10.0	mg/kg dry	600	8.87	98.4	75-125			
Carbon Ranges C12-C28	648	10.0	"	600	72.8	95.9	75-125			
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125			
Total Hydrocarbon nC6-nC35	1250	10.0	"	1200	72.8	98.1	75-125			
Surrogate: 1-Chlorooctane	*60.4*		*mg/kg*	*50.0*		*121*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.2*		*"*	*50.0*		*112*	*70-130*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61410 - Solvent Extraction (GC)										
Matrix Spike Dup (EG61410-MSD1)	**Source: 6G14006-01**		Prepared & Analyzed: 07/14/06							
Carbon Ranges C6-C12	589	10.0	mg/kg dry	600	8.87	96.7	75-125	1.68	20	
Carbon Ranges C12-C28	630	10.0	"	600	72.8	92.9	75-125	2.82	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbon nC6-nC35	1220	10.0	"	1200	72.8	95.6	75-125	2.43	20	
Surrogate: 1-Chlorooctane	*60.5*		*mg/kg*	*50.0*		*121*	*70-130*			
Surrogate: 1-Chlorooctadecane	*57.0*		*"*	*50.0*		*114*	*70-130*			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG61707 - General Preparation (Prep)										
Blank (EG61707-BLK1)				Prepared: 07/14/06 Analyzed: 07/17/06						
% Solids	100		%							
Duplicate (EG61707-DUP1)	**Source: 6G14006-01**			Prepared: 07/14/06 Analyzed: 07/17/06						
% Solids	82.8		%		83.4			0.722	20	
Batch EG61910 - General Preparation (WetChem)										
Blank (EG61910-BLK1)				Prepared & Analyzed: 07/19/06						
Chloride	ND	0.500	mg/kg							
LCS (EG61910-BS1)				Prepared & Analyzed: 07/19/06						
Chloride	10.2	0.500	mg/kg	10.0		102	80-120			
Calibration Check (EG61910-CCV1)				Prepared & Analyzed: 07/19/06						
Chloride	10.2		mg/L	10.0		102	80-120			
Duplicate (EG61910-DUP1)	**Source: 6G14012-02**			Prepared & Analyzed: 07/19/06						
Chloride	542	10.0	mg/kg		544			0.368	20	
Duplicate (EG61910-DUP2)	**Source: 6G14008-03**			Prepared & Analyzed: 07/19/06						
Chloride	63.5	5.00	mg/kg		67.2			5.66	20	
Matrix Spike (EG61910-MS1)	**Source: 6G14012-02**			Prepared & Analyzed: 07/19/06						
Chloride	796	10.0	mg/kg	200	544	126	80-120			S-07
Matrix Spike (EG61910-MS2)	**Source: 6G14008-03**			Prepared & Analyzed: 07/19/06						
Chloride	168	5.00	mg/kg	100	67.2	101	80-120			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0104-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

S-07	Recovery outside Laboratory historical or method prescribed limits.
O-04	This sample was analyzed outside the EPA recommended holding time.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 7-10-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: John H. Hendrix Corp.

SITE MANAGER: Mark Larson

PROJECT NO.: 6-0104-02

PROJECT NAME: Elliott B-9 #2 + #3

PAGE 1 OF 2

LAB. PO #

PARAMETERS/METHOD NUMBER

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	TPH (8015) DRO GRO	BTEX (8021B)	Chloride	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
6/26/06	1250		X		BH-1, 0-2'	1	✓		✓	-01	6F30010
〃	1300		↓		BH-1, 5-7'	1	X		X	-02	6G14008-01
〃	1325		↓		BH-2, 0-2'	1	✓		✓	-03	↓
〃	1330		↓		BH-2, 5-6'	1	X		X	-04	-02
6/27/06	0932		↓		BH-3, 0-1'	1	✓		✓	-05	↓
〃	0936		↓		BH-3, 5-6'	1	X		X	-06	-03
〃	1008		↓		BH-4, 0-2'	1	✓		✓	-07	↓
〃	1014		↓		BH-4, 5-6'	1				-08	↓
〃	1042		↓		BH-5, 0-2'	1	✓		✓	-09	↓
〃	1050		↓		BH-5, 5-7'	1	X		X	-10	-04
〃	1103		↓		BH-5, 10-12'	1				-11	↓
〃	1242		↓		BH-6, 0-2'	1	✓		✓	-12	↓
〃	1247		↓		BH-6, 5-7'	1	X		X	-13	-05
〃	12 53		↓		BH-6, 10-12'	1				-14	
〃	13:05		↓		BH-7, 0-1'	1	✓		✓	-15	
〃	13:12		↓		BH-7, 5-6'	1	✓	✓	✓	-16	
〃	13:20		↓		BH-7, 10-11'	1	✓	✓	✓	-17	
〃	13:27		↓		BH-7, 15-17'	1	✓	✓	✓	-18	

SAMPLED BY: (Signature) DATE: 6/27/06 TIME: 1412

RELINQUISHED BY: (Signature) DATE: ______ TIME: ______

RECEIVED BY: (Signature) DATE: ______ TIME: ______

RELINQUISHED BY: (Signature) DATE: 6/30/06 TIME: 1112

RECEIVED BY: (Signature) DATE: ______ TIME: ______

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #: ______
(HAND) DELIVERED UPS OTHER: ______

COMMENTS:

COPY

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELTI
ADDRESS: 12600 W I-20 E
CITY: [illegible] STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature) [illegible]
DATE: 6/30/06 TIME: 11:12

SAMPLE TYPE: Soil

SAMPLE CONDITION WHEN RECEIVED: [illegible]

LA CONTACT PERSON: M. Larson

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: John H. Hendrix

SITE MANAGER: Mark Larson

PROJECT NO.: 6-0104-02

PROJECT NAME: Elliott B-9 #2 & #3

PAGE 2 OF 2

LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER: TPH (8015) DRO GRO	BTEX (8021B)	Chlorides	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (i.e., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
6/27/06	13:32		X		BH-7, 20-21'	1	✓		✓	-19	6F30010
"	1405		↓		BH-8, 0-2'	1	✓		✓	-20	
"	1412		↓		BH-8, 5-6'	1				-21	

SAMPLED BY: (Signature) DATE: 6/27/06 TIME: 1412

RELINQUISHED BY: (Signature) DATE: TIME:

RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) DATE: 6/30/06 TIME: 1112

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS:

COPY

TURNAROUND TIME NEEDED

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

RECEIVING LABORATORY: ELT
ADDRESS: 12600 W. I-20 E
CITY: Odessa STATE: TX ZIP: 79765
CONTACT: Roland Tuttle PHONE: (432) 563-1800

RECEIVED BY: (Signature) Carin Kelly
DATE: 6/30/06 TIME: 11:12

SAMPLE CONDITION WHEN RECEIVED:
no label 1.0

LA CONTACT PERSON: M. Larson

SAMPLE TYPE: Soil

Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In

Client: Larson

Date/Time: 6/30/06 11:12

Order #: 160360 10 / 6G14008

Initials: CK

COPY

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	1.0 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	~~Not present~~
Custody Seals intact on sample bottles?	Yes	No	~~Not present~~
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	ID on lid *
Container labels legible and intact?	CK Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

* sample time discrepancy on BH-5 0-2'

** 07-14-06 8015 beyond 14 day hold time

Variance Documentation:

Contact Person: - Mark Larson Date/Time: 07-04-06 @ 9:28 Contacted by: Carne Kelly

Regarding:

Sample time discrepancy

** 8015 hold time

Corrective Action Taken:

Client wants to reference CCC time See attached e-mail

** Client wants to run TPH 8015 + Cl as per attached e-mail

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Mark Larson

Larson & Associates, Inc.

P.O. Box 50685

Midland, TX 79710

Project: John Hendrix/ Elliott B-9 #2 & #3

Project Number: 6-0102-02

Location: None Given

Lab Order Number: 6J31001

Report Date: 11/08/06

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0102-02
Project Manager: Mark Larson

Fax: (432) 687-0456

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-10, 55'	6J31001-01	Soil	10/30/06 15:42	10-31-2006 08:10
BH-10, 60'	6J31001-02	Soil	10/30/06 15:55	10-31-2006 08:10
BH-10, 65'	6J31001-03	Soil	10/30/06 16:10	10-31-2006 08:10
BH-10, 70'	6J31001-04	Soil	10/30/06 16:25	10-31-2006 08:10
BH-10, 75'	6J31001-05	Soil	10/30/06 16:40	10-31-2006 08:10

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0102-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH-10, 55' (6J31001-01) Soil									
Chloride	**531**	10.0	mg/kg	20	EK60102	11/01/06	11/01/06	EPA 300.0	
BH-10, 60' (6J31001-02) Soil									
Chloride	**506**	10.0	mg/kg	20	EK60102	11/01/06	11/01/06	EPA 300.0	
BH-10, 65' (6J31001-03) Soil									
Chloride	**644**	10.0	mg/kg	20	EK60102	11/01/06	11/01/06	EPA 300.0	
BH-10, 70' (6J31001-04) Soil									
Chloride	**640**	10.0	mg/kg	20	EK60812	11/08/06	11/08/06	EPA 300.0	
BH-10, 75' (6J31001-05) Soil									
Chloride	**1250**	25.0	mg/kg	50	EK60812	11/08/06	11/08/06	EPA 300.0	

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0102-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK60102 - Water Extraction										
Blank (EK60102-BLK1)				Prepared & Analyzed: 11/01/06						
Chloride	ND	0.500	mg/kg							
LCS (EK60102-BS1)				Prepared & Analyzed: 11/01/06						
Chloride	10.6	0.500	mg/kg	10.0		106	80-120			
Calibration Check (EK60102-CCV1)				Prepared & Analyzed: 11/01/06						
Chloride	11.4		mg/L	10.0		114	80-120			
Duplicate (EK60102-DUP1)		Source: 6J30005-03		Prepared & Analyzed: 11/01/06						
Chloride	637	50.0	mg/kg		649			1.87	20	
Duplicate (EK60102-DUP2)		Source: 6J31001-01		Prepared & Analyzed: 11/01/06						
Chloride	495	10.0	mg/kg		531			7.02	20	
Matrix Spike (EK60102-MS1)		Source: 6J30005-03		Prepared & Analyzed: 11/01/06						
Chloride	1780	50.0	mg/kg	1000	649	113	80-120			
Matrix Spike (EK60102-MS2)		Source: 6J31001-01		Prepared & Analyzed: 11/01/06						
Chloride	757	10.0	mg/kg	200	531	113	80-120			
Batch EK60812 - Water Extraction										
Blank (EK60812-BLK1)				Prepared & Analyzed: 11/08/06						
Chloride	ND	0.500	mg/kg							
LCS (EK60812-BS1)				Prepared & Analyzed: 11/08/06						
Chloride	10.8	0.500	mg/kg	10.0		108	80-120			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0102-02
Project Manager: Mark Larson

Fax: (432) 687-0456

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK60812 - Water Extraction										
Calibration Check (EK60812-CCV1)				Prepared & Analyzed: 11/08/06						
Chloride	10.9		mg/L	10.0		109	80-120			
Duplicate (EK60812-DUP1)		Source: 6K07003-07		Prepared & Analyzed: 11/08/06						
Chloride	1480	25.0	mg/kg		1490			0.673	20	
Matrix Spike (EK60812-MS1)		Source: 6K07003-07		Prepared & Analyzed: 11/08/06						
Chloride	2090	25.0	mg/kg	500	1490	120	80-120			

Larson & Associates, Inc.
P.O. Box 50685
Midland TX, 79710

Project: John Hendrix/ Elliott B-9 #2 & #3
Project Number: 6-0102-02
Project Manager: Mark Larson

Fax: (432) 687-0456

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Raland K Tuttle Date: 11-09-06

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Larson

Date/ Time: 10/31/06 8:10

Lab ID # : 610310 01

Initials: CK

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	0.0 °C	
#2	Shipping container in good condition?	~~Yes~~	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	~~Not Present~~	
#4	Custody Seals intact on sample bottles/ container?	Yes	No	~~Not Present~~	
#5	Chain of Custody present?	~~Yes~~	No		
#6	Sample instructions complete of Chain of Custody?	~~Yes~~	No		
#7	Chain of Custody signed when relinquished/ received?	~~Yes~~	No		
#8	Chain of Custody agrees with sample label(s)?	~~Yes~~	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	~~Yes~~	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	~~Yes~~	No		
#11	Containers supplied by ELOT?	~~Yes~~	No		
#12	Samples in proper container/ bottle?	~~Yes~~	No	See Below	
#13	Samples properly preserved?	~~Yes~~	No	See Below	
#14	Sample bottles intact?	~~Yes~~	No		
#15	Preservations documented on Chain of Custody?	~~Yes~~	No		
#16	Containers documented on Chain of Custody?	~~Yes~~	No		
#17	Sufficient sample amount for indicated test(s)?	~~Yes~~	No	See Below	
#18	All samples received within sufficient hold time?	~~Yes~~	No	See Below	
#19	VOC samples have zero headspace?	Yes	No	~~Not Applicable~~	

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

CHAIN—OF—CUSTODY RECORD

Larson & Associates, Inc.
Environmental Consultants
Fax: 432-687-0456
432-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME: JHHC
SITE MANAGER: M. Larson
PROJECT NO.: 6-0102-02
PROJECT NAME: Elliott B-9, #2 & #3
PAGE 1 OF
LAB. PO #

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	Chloride	Hold	LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
10/30/06	1542		✓		BH-10, 55'	1	✓			6J31001-01
↓	1555		✓		BH-10, 60'	1	✓			-02
↓	1610		✓		BH-10, 65'	1	✓			-03
↓	1625		✓		BH-10, 70'	1	X	✓		-04
↓	1640		✓		BH-10, 75'	1	X	✓		-05

SAMPLED BY: (Signature) [signature] DATE: 10/30 TIME: 1640
RELINQUISHED BY: (Signature) DATE: TIME:
RECEIVED BY: (Signature) DATE: TIME:

RELINQUISHED BY: (Signature) [signature] DATE: 10/31 TIME: 08:00
RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)
FEDEX BUS AIRBILL #:
HAND DELIVERED (circled) UPS OTHER:

COMMENTS:
TURNAROUND TIME NEEDED

RECEIVING LABORATORY: Env. Lab of Texas
ADDRESS: 12600 W I-20 E
CITY: Odessa STATE: Tx ZIP: 79765
CONTACT: R. Tuttle PHONE: (432) 563-1800
RECEIVED BY: (Signature) [signature]
DATE: 10-31-06 TIME: 0810

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

SAMPLE CONDITION WHEN RECEIVED: Rec 0.0°C 4oz glass
LA CONTACT PERSON: Mark Larson
SAMPLE TYPE: Soil

(X) Add Cl⁻ 11-06-06 as per attached e-mail

Jeanne McMurrey

From: "Mark Larson" <mark@laenvironmental.com>
To: "'Jeanne McMurrey'" <jeanne@elabtexas.com>
Sent: Sunday, November 05, 2006 7:23 PM
Subject: RE: 6J31001 JH. Elliott B-9 #2, #3

Jeanne: Please analyze the remaining samples from boring BH-10 (70' and 75') for chloride.
Mark

-----Original Message-----
From: Jeanne McMurrey [mailto:jeanne@elabtexas.com]
Sent: Friday, November 03, 2006 4:14 PM
To: Mark Larson
Subject: RE: 6J31001 JH. Elliott B-9 #2, #3

Jeanne McMurrey
Environmental Lab of Texas I, Ltd.
12600 West I-20 East
Odessa, Texas 79765
432-563-1800

--

Appendix D

Photographs

U.L. D, SECTION 9, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
ELLIOT B-9 LEASE

1. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Location Sign

2. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

3. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

U.L. D, SECTION 9, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
ELLIOT B-9 LEASE

4. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

5. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

6. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

LARSON & ASSOCIATES, INC.

P. O. Box 50685 ◆ Midland, Texas 79710-0685

Ph. (432) 687-0901

Larson & Associates, Inc.
Environmental Consultants

RECEIVED

JAN 29 2007

Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, NM 87505

January 23, 2007

Mr. Edward J. Hansen
Hydrologist
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Revised Covers Pages, Tables and Exhibits for John H. Hendrix Corporation, Elliott B-9, Battery #1, #3 and #5 (1R0483), Battery #2 and #3 (1R0484) and Penrose Federal Battery #1 (1R0482) Investigation Reports, January 9, 2007

Dear Mr. Hansen:

Please find enclosed cover pages, tables and exhibits for the above referenced reports that were submitted to the New Mexico Oil Conservation Division ("NMOCD") on behalf of John H. Hendrix Corporation ("JHHC") by Larson and Associates, Inc. ("LA"), its consultant, on January 10, 2007. The enclosures were revised to include the NMOCD remediation numbers, as well as to correct discrepancies in unit letters, latitude and longitude coordinates. Please contact me at (432) 687-0901 or email mark@laenvironmental.com if you have questions.

Sincerely,

Larson and Associates, Inc.

Mark J. Larson
Sr. Project Manager / President

Enclosures

cc: Larry Johnson/NMOCD District 1

Larson & Associates, Inc.
Environmental Consultants

paid replaced 1-21-07

January 9, 2007

RECEIVED
JAN 10 2007
Environmental Bureau
Oil Conservation Division

VIA: HAND DELIVERY

Mr. Wayne Price, Chief
Environmental Bureau
State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Investigation Report of Historic Contamination and Remediation Plan, John H. Hendrix Corporation, Elliott B-9 Lease, Battery #2 and #3, Unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Price:

This letter is submitted to the State of New Mexico, Oil Conservation Division ("OCD") on behalf of John H. Hendrix Corporation ("JHHC") by Larson and Associates, Inc. ("LA"), its consultant, to convey the results of an investigation to delineate the vertical and horizontal extent of historic contamination at the Elliott B-9 Lease, Battery #2 and #3 ("Site"), as well as a former pit that was located north of the battery. The Site is located in unit D (NW/4, NW/4), Section 9, Township 22 South, Range 37 East in Lea County, New Mexico. The latitude and longitude for the Site is north 32° 24' 42.4" and west 103° 10' 31.1", respectively. Figure 1 presents a location and topographic map. Contact information for JHHC is as follows:

Name:	Marvin Burrows
Title:	Production Superintendent
Mailing Address:	1310 18th Street
	Eunice, New Mexico 88321
Telephone:	(505) 394-2649
Fax:	(505) 394-2653
Email Address:	mburrows@valornet.com

Setting

The Site is situated at an elevation of approximately 3425 feet above mean sea level ("MSL"). No surface water or wells are located within 1,000 horizontal feet of the Site, which is covered by wind blown sand (Recent). The Ogallala formation (Tertiary) underlies the sand and consists of unconsolidated to well-cemented sand and sandstone that is interstratified with clay, silt and gravel. The Chinle formation (Dockum group)

Table 1
1R0484
Summary of Field and Laboratory Analysis of Soil Samples
John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3
Unit Letter D (NW/4,NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Boring Number	Sample Date	Sample Depth (Feet BGS)	PID (ppm)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C6-C12 (mg/kg)	DRO C12 - C28 (mg/kg)	DRO C28-C35 (mg/kg)	DRO C6-C35 (mg/kg)	Chloride (mg/kg)
BH-1	06/27/2006	0 - 2		--	--	<50	6,900	1,650	8,550	55
	06/27/2006	5 - 7		--	--	--	--	--	--	--
BH-2	06/27/2006	0 - 2		--	--	<50	3,570	855	4,425	93.5
	06/27/2006	5 - 6		--	--	--	--	--	--	--
BH-3	06/27/2006	0 - 1		--	--	2,690	2,820	<50	5,510	286
	06/27/2006	5 - 6		--	--	--	--	--	--	--
BH-4	06/27/2006	0 - 2		--	--	<50	<50	<50	<150	13.8
	06/27/2006	5 - 6		--	--	--	--	--	--	--
BH-5	06/27/2006	0 - 2		--	--	<50	839	290	1,129	13.8
	06/27/2006	5 - 7		--	--	--	--	--	--	--
	06/27/2006	10 - 12		--	--	--	--	--	--	--
BH-6	06/27/2006	0 - 2		--	--	<50	1,990	646	2,636	12.9
	06/27/2006	5 - 7		--	--	--	--	--	--	--
	06/27/2006	10 - 12		--	--	--	--	--	--	--
BH-7	06/27/2006	0 - 1		--	--	<10	71.7	53.7	125.4	19.7
	06/27/2006	5 - 6		<0.025	1.846	1,460	4,730	465	6,655	12.6
	06/27/2006	10 - 11		<0.025	2.274	623	8,440	928	9,991	15.6
	06/27/2006	15 - 17		<0.025	0.2575	53.9	4,460	697	5,210.9	13.8
	06/27/2006	20 -21		--	--	6.09	132	17.2	155.29	21.4
BH-8	06/27/2006	0 - 2		--	--	<10	<10	<10	<10	44.9
	06/27/2006	5 - 6		--	--	--	--	--	--	--
BH-9	07/05/2006	0 - 2		--	--	<10	724	212	936	<20
	07/05/2006	5 - 7		--	--	--	--	--	--	--
BH-10	07/05/2006	0 - 2		--	--	<10	298	85.6	383.6	<20

Table 1
1R0484
Summary of Field and Laboratory Analysis of Soil Samples
John H. Hendrix Corporation, Elliott B-9 Tank Battery #2 and #3
Unit Letter D (NW/4,NW/4), Section 9, Township 22 South, Range 37 East, Lea County, New Mexico

Boring Number	Sample Date	Sample Depth (Feet BGS)	PID (ppm)	Benzene (mg/kg)	BTEX (mg/kg)	GRO C6-C12 (mg/kg)	DRO C12 - C28 (mg/kg)	DRO C28-C35 (mg/kg)	DRO C6-C35 (mg/kg)	Chloride (mg/kg)
	07/05/2006	5 - 7		0.41	23.078	1,880	14,100	1,080	17,060	<20
	07/05/2006	10 - 12		0.0316	3.5366	1,030	6,400	266	7,696	42.5
	07/05/2006	15 - 17		0.0103	2.3293	818	6,200	240	7,258	213

Notes: Analysis performed by Environmental Lab of Texas, I. Ltd., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. TPH: Total petroleum hydrocarbons (Sum of C6 to C35)
3. mg/kg: Milligrams per kilogram
4. <: Below method detection limit
5. PID: Photoionization detector
6. ppm: Parts per million
7. ---: No data available
8. BTEX: Sum of benzene, tolulene, ethylbenzene and xylene
9. GRO: Gasoline - range organics
10. DRO: Diesel - range organics

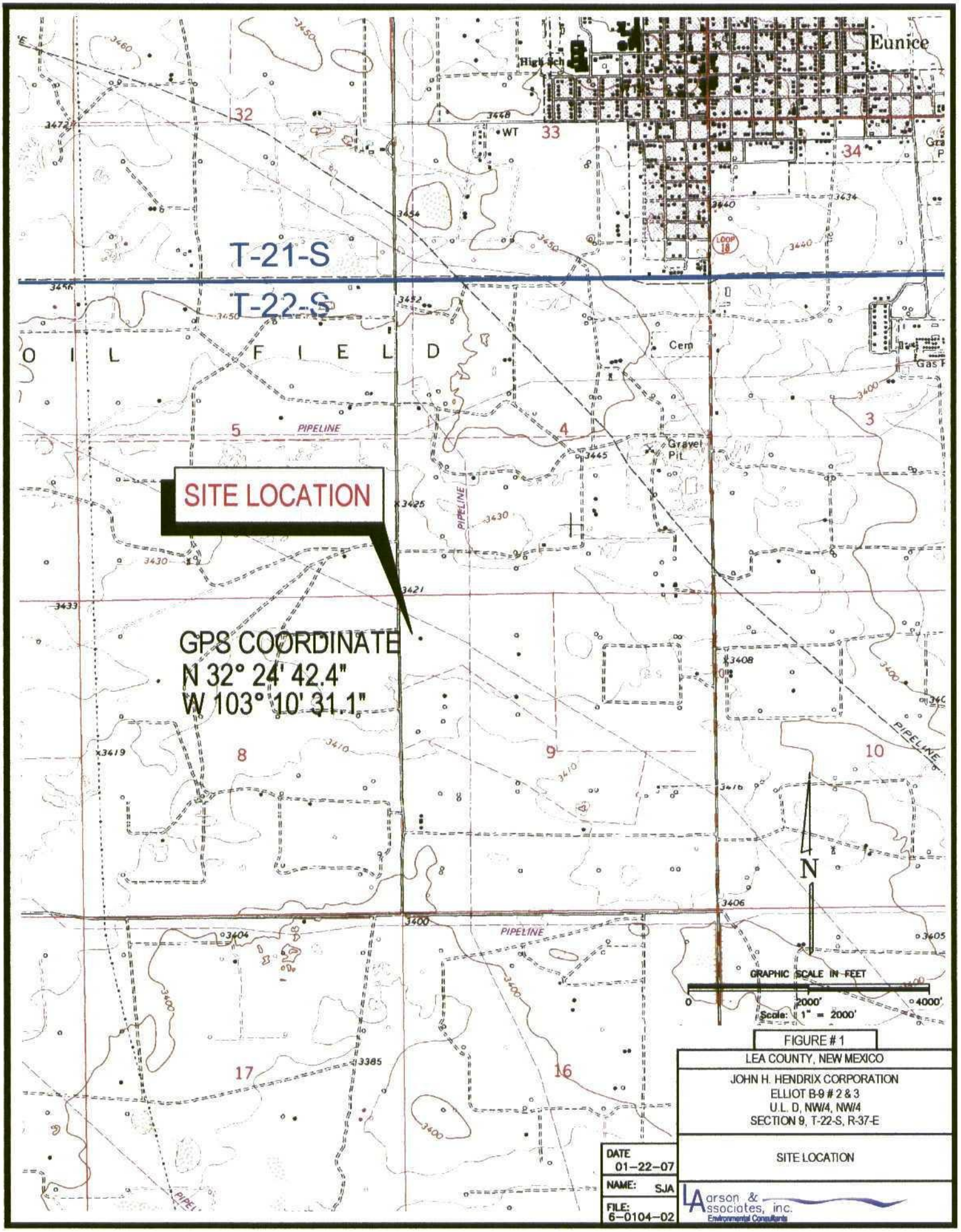


FIGURE # 1

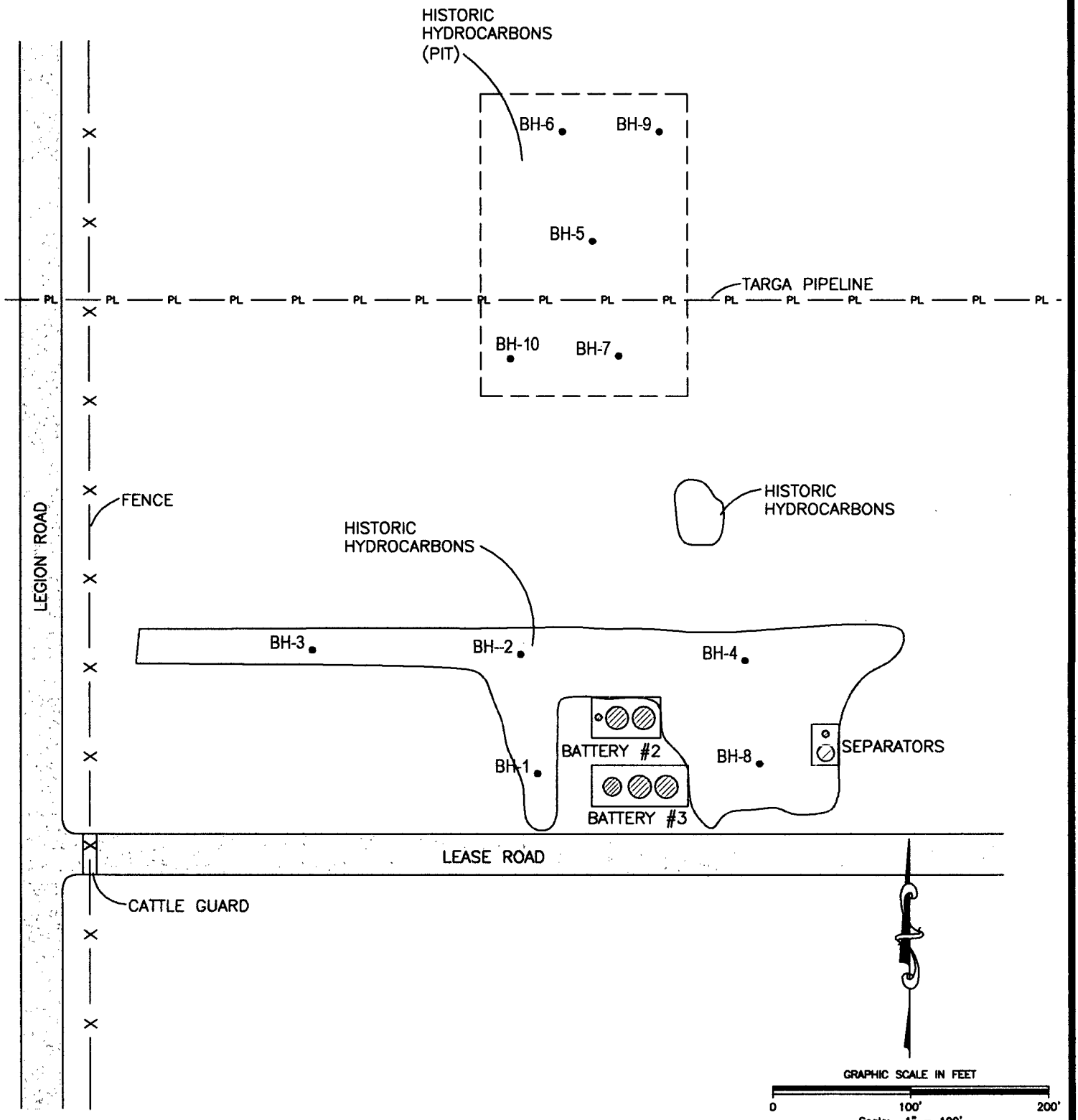
LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
ELLIOT B-9 # 2 & 3
U.L. D, NW/4, NW/4
SECTION 9, T-22-S, R-37-E

SITE LOCATION

DATE	01-22-07
NAME:	SJA
FILE:	6-0104-02

Larson & Associates, inc.
Environmental Consultants



LEGEND

BH-1 • BORE HOLE LOCATION

FIGURE # 3

LEA COUNTY, NEW MEXICO

JOHN H. HENDRIX CORPORATION
ELLIOT LEASE B-9 BATTERIY # 2 & 3
U.L. D, (NW/4, NW/4)
SECTION 9, T-22-S, R-37-E

SITE # 1 DRAWING

DATE	01-22-07
NAME:	SJA
FILE:	6-0104-02

Larson & Associates, inc.
Environmental Consultants

U.L. D, SECTION 9, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
ELLIOT B-9 LEASE

1. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Location Sign

2. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

3. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

U.L. D, SECTION 9, T-22-S, R-37-E, LEA COUNTY, NEW MEXICO
ELLIOT B-9 LEASE

4. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

5. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons

6. Elliott B-9 Lease, Battery #2 and #3 (Site #1) - Historic Hydrocarbons