

NM2 - 19

**MONITORING
REPORTS
YEAR(S):**

2003

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Environmental Bureau
Oil Conservation Division

SID RICHARDSON ENERGY SERVICES CO.
Jal, N.M.

JAL LANDFARM SAMPLING EVENT
&
Construction Summary
UNIT LETTER "F"
SECTION 36, TOWNSHIP 23 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO

MJK
4-23-03

LANDFARM SAMPLING EVENT

&

Construction Summary

SID RICHARDSON ENERGY SERVICES CO.

Jal, N.M.

UNIT LETTER "F"

**SECTION 36, TOWNSHIP 23 SOUTH, RANGE 36 EAST
LEA COUNTY, NEW MEXICO**

PREPARED FOR:

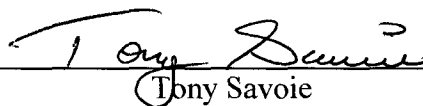
SID RICHARDSON ENERGY SERVICES CO.

P.O. BOX 1226

JAL, NEW MEXICO 88252

Mr. Randall Dunn

PREPARED BY:



Tony Savoie

E.H.S. Compliance Coordinator

April 17, 2003

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ANALYTICAL REPORT—SAMPLING EVENT 9/17/02

ANALYTICAL REPORT—PRE-SHIPMENT SITE:2002-012

ATTACHMENT—CERTIFICATE OF WASTE STATUS SITE:2002-012

CONSTRUCTION:

Landfarm construction activates began on January 15, 2002.

A fence was constructed around the entire 40-acre permitted area, cells locations were surveyed in and pipeline locations were hand spotted.

During the time period of 1/15/02 to 3/15/ 02 mesquites were grubbed up, the area was graded and cell burms were constructed.

Starting on July 7, 2001 through March 15, 2002 approximately 2876 cubic yards of soil had been stockpiled in the Cell #3 location. All of the stockpiled soil was spread out in cell #3 starting on March 18, 2002.

A caliche entrance road was constructed and the permanent entrance gate was installed on 4/11/02.

MONTHLY EVENTS:

Monthly plowing events started on July 24, 2002.

After reviewing the permit approval it was noticed that bi-monthly plowing events were supposed to take place.

The bi-monthly plowing events will start in April of 2003.

SAMPLING EVENT:

Beginning on September 17, 2002 preparations to sample the soil in Cell #3 began.

Approximately 4,419 cubic yards of soil had been received and spread out in a 1ft. lift covering an area of approximately 121,677 sq.ft. Three plowing events had taken place prior to sampling.

The area to sample was divided into 17 blocks, "reference Figure 1." Fifty grab samples were collected and bagged from each of the blocks A through O. Ninety grab samples were collected from blocks P and Q. To assure a proper blend of the grab samples collected, all of the grab samples were collected in individual zip-lock bags and screened with a PID. There were no PID readings over .5 ppm within the entire area sampled. Two bags were selected at random from blocks A through O, and four bags were selected at random from blocks P and Q. The thirty-four individual samples were placed into 1-1 gallon zip-lock bag and blended into one composite sample. A sample was extracted from the composite and placed in a clean 2 oz. glass sample container, to be analyzed for Total Petroleum Hydrocarbons (TPH) EPA method 8015M, and BTEX EPA method 8021B/5030. Sample identification is C-#3 Comp.

One soil bore was advanced to depth of 2 ft. in the undisturbed area beneath the 1ft. lift.

The approximate location of the soil bore is identified in Figure 1. A sample was collected from the bottom of the soil bore and placed in a 2 oz. glass sample container, to be analyzed for Total Petroleum Hydrocarbons (TPH) EPA method 8015M, and BTEX EPA method 8021B/5030. Sample identification is Cell #3-2' Down.

The soil bore hole was filled with 1 sack of concrete mix and hydrated with 5 gallons of water.

The collected samples were placed on ice and transported to Environmental Labs of Texas. The analytical results are in the attached Report G0204564.

SUMMARY:

The landfarm construction was completed 4/18/02

A total of 4,419 cubic yards of soil has been received in Cell #3; it has had seven plowing events and 1 sampling event, and is currently being setup for another sampling event.

A total of 11 cubic yards of non-exempt soil was placed in Cell #6. Prior to placement of this soil in the landfarm it was placed on plastic and sampled for the following:

TPH EPA method 8015M

BTEX EPA method 8021/5030

Metals EPA method RCRA 8 TCLP

RCI

This material was soil removed from around compressors and engines.

The material was found to non-hazardous by waste determination.

The material has been plowed 7 times and is currently being setup for a sampling event.

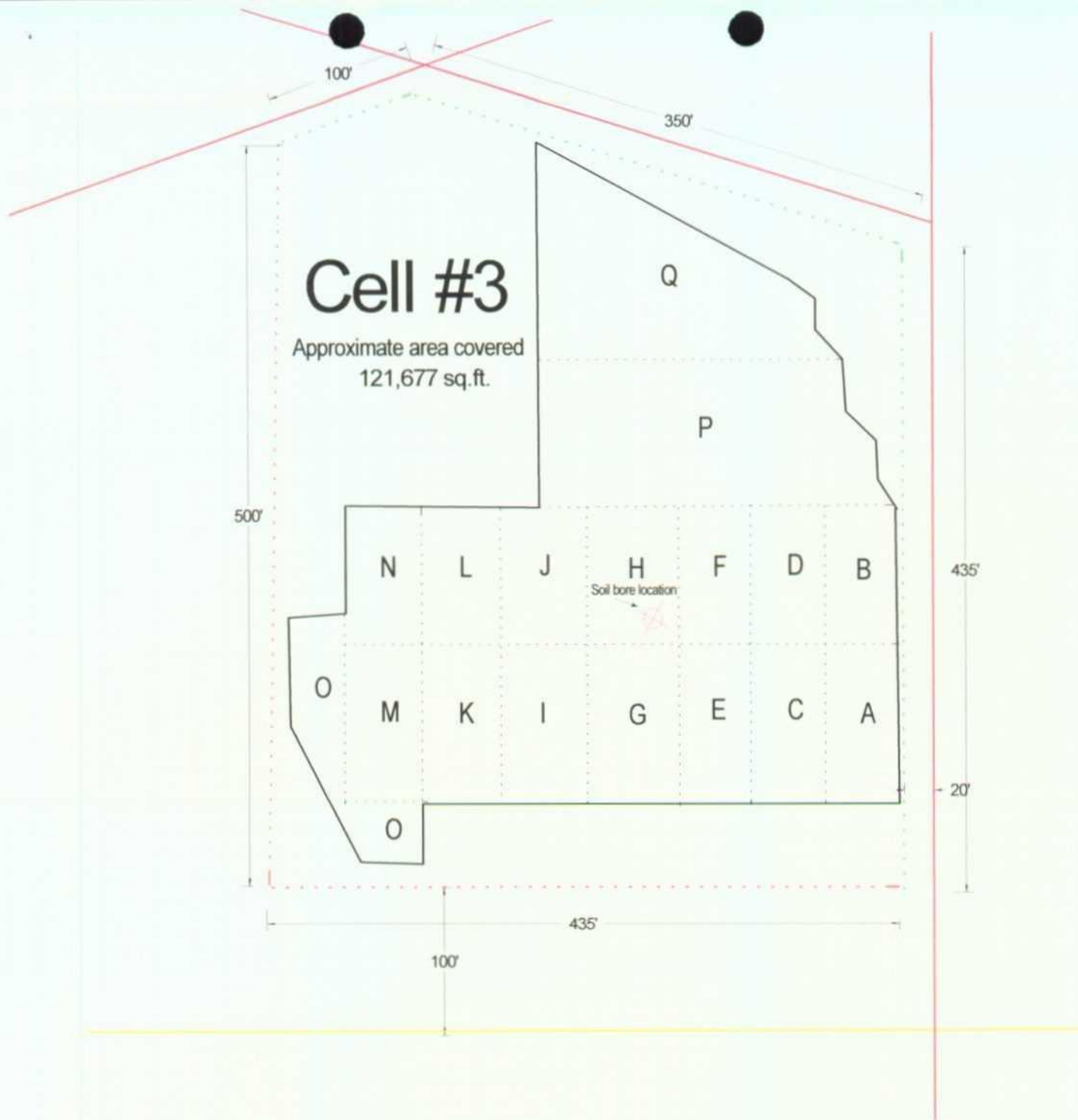
A copy of the analytical is attached.

A total of 3,398 cubic yards of soil has been placed in Cell #2, plowed four times and is currently being set up for a sampling event.

Table 1 identifies volumes, dates, and from what site the soil was transported.

John A. Savoie

E.H.S Compliance Coordinator



Unit Ltr. "F"
Section: 36
Twns: 23 S
Range: 36 E
County: Lea, N.M.
G.P.S.
Lat: 32-15.743 N
Long: 103-12.949 W



Sid Richardson
Energy Service Co.

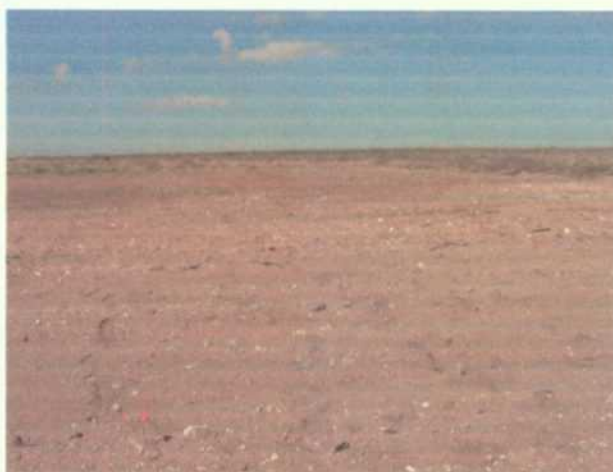
SITE PLAN: Landfarm Sampling event 9/17/02

Lea County Area

Jal, N.M.

Cell #3

Figure 1



Sid Richardson Landfarm Sampling event: 9/17/02

TABLE 1
Sid Richardson Lea County Landfarm

Job #	Site Name	Date hauled	Cell location	cubic yards	Generated	RCRA Status	TPH total
01055	Bettis	7/3/2001	3	900	Gath.pipeline	Exempt	427 mg/kg
01053	M. Deck	7/9/2001	3	260	Gath.pipeline	Exempt	921 mg/kg
01056	Myers	8/31/2001	3	204	Gath.pipeline	Exempt	3897 mg/kg
01066	Bettis #2	9/12/2001	3	160	Gath.pipeline	Exempt	2895 mg/kg
01073	Boyd-Hill "B"	11/5/2001	3	336	Gath.pipeline	Exempt	7378 mg/kg
01074	Trunk MC 16"	11/13/2001	3	252	Gath.pipeline	Exempt	N/T
2001-006	House 4"	1/4/2002	3	140	Gath.pipeline	Exempt	N/T
2001-003	C3-4"	2/22/2002	3	624	Gath.pipeline	Exempt	2090 mg/kg
2002-001	Carlson 8"	3/15/2002	3	168	Gath.pipeline	Exempt	6000 mg/kg
2002-006	Adobe	4/2/2002	3	9	Gath. Tank runover	Exempt	N/T
2002-004	4-C-4 10"	4/19/2002	3	96	Gath.pipeline	Exempt	1160 mg/kg
2002-012	Halley drums	4/30/2002	6	11	Compressor site	Non-exempt	RCRA "C"
2002-019	Owens 4"	7/12/2002	3	564	Gath.pipeline	Exempt	N/T
2002-020	Putnam Treater	7/30/2002	3	2	Gath. pipeline	Exempt	N/T
2002-021	Crawford mill	7/30/2002	3	4	pigging waste	Exempt	N/T
2002-022	Howe Comp.	7/30/2002	3	4	pigging waste	Exempt	N/T
2002-025	Keystone W-20"	9/10/2002	3	612	Gath.pipeline	Exempt	N/T
2002-026	Howe Disch.8"	9/12/2002	3	84	Gath.pipeline	Exempt	N/T
2002-027	State JM 4"	9/25/2002	2	72	Gath.pipeline	Exempt	N/T
2002-035	Lanehart 10"	11/8/2002	2	96	Gath.pipeline	Exempt	N/T
2002-039	Keystone M-20"	12/17/2002	2	180	Gath.pipeline	Exempt	N/T
2003-001	2C 20"	2/28/2003	2	1760	Gath.pipeline	Exempt	N/T
2003-002	2C 20" old drip	3/15/2003	2	1290	Gath.pipeline	Exempt	N/T
Capacity cell #2		7211	cubic yards				
Capacity cell #3		7824	cubic yards				
Capacity cell #6		2758	cubic yards				
As of 4/1/03 Landfarm Cell totals						% Full	
Volume in cell # 2		3398	cubic yards			47.12%	
Volume in cell # 3		4419	cubic yards			56.48%	
Volume in cell # 6		11	cubic yards			0.40%	

ANALYTICAL REPORT

Prepared for:

Tony Savoie
Sid Richardson
P.O. Box 1226
Jal, NM 88252

Project: Land Farm

PO#:

Order#: G0204564

Report Date: 09/25/2002

Certificates

US EPA Laboratory Code TX09153



THE REPRODUCTION OF

THE

FOLLOWING

DOCUMENT (S)

CANNOT BE IMPROVED

DUE TO

THE CONDITION OF

THE ORIGINAL

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Sid Richardson
P.O. Box 1226
Jal, NM 88252
505-325-7326

Order#: G0204564
Project: 2002-050
Project Name: Land Farm
Location: Myers Ranch

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0204564-01	C-#3 - Comp.	SOIL	9/19/02 10:30	9/19/02 16:00	2 oz Glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp: 1C			
8015M						
8021B/5030 BTEX						
0204564-02	Cell #5 - 2' Down	SOIL	9/19/02 11:50	9/19/02 16:00	2 oz Glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp: 1C			
8015M						
8021B/5030 BTEX						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Tony Vavala
 Site Preparation
 Box 120
 JMW 88252

Order#: G0204564
 Project: 2002-050
 Project Name: Land Farm
 Location: Myers Ranch

Lab ID: 0204564-01
 Sample ID: C-#3 - Comp.

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		9/22/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	535	10.0
TOTAL, C6-C35	535	10.0

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0003221-02		9/24/02 20:07	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	96%	80	120

ENVIRONMENTAL LAB TEXAS

ANALYTICAL REPORT

Fony Sayole
Sid Richardson
P.O. Box 1226
Jal, NM 88252

Order#: G0204564
Project: 2002-050
Project Name: Land Farm
Location: Myers Ranch

Lab ID: 0204564-02
Sample ID: Cell #3 - 2' Down

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		9/22/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0003221-02		9/24/02 20:29	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	98%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0204564

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003208-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003208-03		1000	1130	113.0%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003208-04		1000	1130	113.0%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0003208-05		1000	1170	117.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

3021B/5030 BTEX

Order#: G0204564

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003221-02			<0.025		
Ethylbenzene-mg/kg		0003221-02			<0.025		
Toluene-mg/kg		0003221-02			<0.025		
p/m-Xylene-mg/kg		0003221-02			<0.025		
o-Xylene-mg/kg		0003221-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204564-02	0	0.1	0.102	102.0%	
Ethylbenzene-mg/kg		0204564-02	0	0.1	0.106	106.0%	
Toluene-mg/kg		0204564-02	0	0.1	0.106	106.0%	
p/m-Xylene-mg/kg		0204564-02	0	0.2	0.226	113.0%	
o-Xylene-mg/kg		0204564-02	0	0.1	0.106	106.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0204564-02	0	0.1	0.106	106.0%	3.8%
Ethylbenzene-mg/kg		0204564-02	0	0.1	0.114	114.0%	7.3%
Toluene-mg/kg		0204564-02	0	0.1	0.112	112.0%	5.5%
p/m-Xylene-mg/kg		0204564-02	0	0.2	0.230	115.0%	1.8%
o-Xylene-mg/kg		0204564-02	0	0.1	0.112	112.0%	5.5%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0003221-05		0.1	0.100	100.0%	
Ethylbenzene-mg/kg		0003221-05		0.1	0.102	102.0%	
Toluene-mg/kg		0003221-05		0.1	0.104	104.0%	
p/m-Xylene-mg/kg		0003221-05		0.2	0.218	109.0%	
o-Xylene-mg/kg		0003221-05		0.1	0.102	102.0%	

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: TONY SAVOIE

Company Name Sid Richardson

Company Address: P.O. Box 1226

City/State/Zip: JAL, N.M. 83252

Telephone No: 505-395-2116

Sampler Signature: Don Green

Fax iv):

Project Name: Land Farm

Project #: 2002-050

Project Loc: MYERS RANCH

PO #:

[illegible]

ANALYTICAL REPORT

Prepared for:

Tony Savoie
Sid Richardson
P.O. Box 1226
Jal, NM 88252

Project: H.C. Drums (soil)

Order#: G0203247

Report Date: 05/08/2002

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Sid Richardson

P.O. Box 1226

Da., NM 88352

505-395-2326

Order#: G0203247

Project: AFE-62254

Project Name: H.C. Drums (soil)

Location: Halley Compressor

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0203247-01	Halley Comp. "Drums"	SOIL	5/1/02	5/1/02 13:23	8 oz glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp: 1.5 C			
8015M						
8021B/5030 BTEX						
METALS RCRA 8 TCLP						
RCI						
TCLP Metals Extraction						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Tony Savoie
Sid Richardson
P.O. Box 1226
Jal, NM 88232

Order#: G0203247
Project: AFE-62254
Project Name: H.C. Drums (soil)
Location: Halley Compressor

Lab ID: 0203247-01
Sample ID: Halley Comp. "Drums"

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		5/2/02	1	25	CK	8015M

Parameter	Result mg/kg	RL
DRO, >C12-C35	23300	250
GRO, C6-C12	7440	250
TOTAL, C6-C35	30740	250

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0001549-02		5/2/02	1	100	CK	8021B
		15:20				

Parameter	Result µg/kg	RL
Benzene	807	100
Ethylbenzene	9370	100
Toluene	9460	100
p/m-Xylene	25100	100
o-Xylene	10000	100

Approval: Raland K. Tuttle 5-8-02
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jesune McMurrey, Inorg. Tech. Director
Sandra Biezughe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Tony Savoie
Sid Richardson
P.O. Box 1226
Jal, NM 88251

Order#: G0203247
Project: AFE-62254
Project Name: H.C. Drums (soil)
Location: Halley Compressor

Lab ID: 0203247-01
Sample ID: Halley Comp. "Drums"

METALS RCRA 8 TCLP

Parameter	Result	Units	Dilution Factor	RL	Method	Date Prepared	Date Analyzed	Analyst
Arsenic	< 0.10	mg/L	1	0.100	1311/6010B	05/07/2002	5/7/02	SM
Barium	4.79	mg/L	1	0.100	1311/6010B	05/07/2002	5/7/02	SM
Cadmium	< 0.10	mg/L	1	0.100	1311/6010B	05/07/2002	5/7/02	SM
Chromium	< 0.10	mg/L	1	0.100	1311/6010B	05/07/2002	5/7/02	SM
Lead	< 0.50	mg/L	1	0.500	1311/6010B	05/07/2002	5/7/02	SM
Mercury	< 0.002	mg/L	1	0.002	7470	05/07/2002	5/7/02	SM
Selenium	< 0.10	mg/L	1	0.100	1311/6010B	05/07/2002	5/7/02	SM
Silver	< 0.10	mg/L	1	0.100	1311/6010B	05/07/2002	5/7/02	SM

Approval: Roland K Tuttle
Roland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

5-802
Date

N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS, LTD.

12606 West I-70 East, Odessa, TX 79765 Ph: 915-563-1860

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Tony Szvoic
Sid Richardson
P.O. Box 1226
Dal, NMS 56252

Order#: G0203247
Project: AFE-62254
Project Name: H.C. Drums (solid)
Location: Halley Compressor

Lab ID: 0203247-01
Sample ID: Halley Comp. "Drums"

RCI

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
Ignitability	>100	C	1	NA	1010	5/6/02	CC
pH	6.27	pH Units	1	N/A	9045C	5/2/02	SB
Reactive Cyanide	<0.09	mg/kg	1	0.090	SW846 CH.7	5/3/02	CC
Reactive Sulfide	51.6	mg/kg	1	5.0	SW846 CH.7	5/2/02	CC

Test Parameters

Parameter	Result	Units	Dilution Factor	RL	Method	Date Analyzed	Analyst
TCLP Metals Extraction	N/A	None	1	N/A	1311	5/6/02	SM

Approval: *Ralanda K. Tuttle* 5-802
Ralanda K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0203247

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001581-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0203250-01	46.6	952	1117	112.4%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0203250-01	46.6	952	1117	112.4%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0001581-05		1000	899	89.9%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/S030 BTEX

Order#: G0203247

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001549-02			<25.0		
Ethylbenzene-µg/kg		0001549-02			<25.0		
Toluene-µg/kg		0001549-02			<25.0		
p/m-Xylene-µg/kg		0001549-02			<25.0		
o-Xylene-µg/kg		0001549-02			<25.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0203185-08	0	100	108	108.0%	
Ethylbenzene-µg/kg		0203185-08	0	100	110	110.0%	
Toluene-µg/kg		0203185-08	0	100	108	108.0%	
p/m-Xylene-µg/kg		0203185-08	0	200	230	115.0%	
o-Xylene-µg/kg		0203185-08	0	100	110	110.0%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0203185-08	0	100	105	105.0%	2.8%
Ethylbenzene-µg/kg		0203185-08	0	100	107	107.0%	2.3%
Toluene-µg/kg		0203185-08	0	100	106	106.0%	1.9%
p/m-Xylene-µg/kg		0203185-08	0	200	225	112.5%	2.2%
o-Xylene-µg/kg		0203185-08	0	100	108	108.0%	1.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-µg/kg		0001549-05		100	104	104.0%	
Ethylbenzene-µg/kg		0001549-05		100	112	112.0%	
Toluene-µg/kg		0001549-05		100	105	105.0%	
p/m-Xylene-µg/kg		0001549-05		200	224	112.0%	
o-Xylene-µg/kg		0001549-05		100	112	112.0%	

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METALS RCRA 8 TCLP

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BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0001606-01			< 0.10		
Barium-mg/L		0001606-01			< 0.10		
Cadmium-mg/L		0001606-01			< 0.10		
Chromium-mg/L		0001606-01			< 0.10		
Lead-mg/L		0001606-01			< 0.50		
Mercury-mg/L		0001606-01			< 0.002		
Selenium-mg/L		0001606-01			< 0.10		
Silver-mg/L		0001606-01			< 0.10		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0001606-02		0.2	0.196	98.0%	
Barium-mg/L		0001606-02		1	1.13	113.0%	
Cadmium-mg/L		0001606-02		0.2	0.251	125.5%	
Chromium-mg/L		0001606-02		1	0.923	92.3%	
Lead-mg/L		0001606-02		1	0.943	94.3%	
Mercury-mg/L		0001606-02		0.015	0.015	100.0%	
Selenium-mg/L		0001606-02		0.2	0.197	98.5%	
Silver-mg/L		0001606-02		1	1.27	127.0%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0001606-03		0.2	0.161	80.5%	19.6%
Barium-mg/L		0001606-03		1	1.08	108.0%	4.5%
Cadmium-mg/L		0001606-03		0.2	0.257	128.5%	2.4%
Chromium-mg/L		0001606-03		1	0.930	93.0%	0.8%
Lead-mg/L		0001606-03		1	0.995	99.5%	5.4%
Mercury-mg/L		0001606-03		0.015	0.014	93.3%	6.9%
Selenium-mg/L		0001606-03		0.2	0.173	86.5%	13.3%
Silver-mg/L		0001606-03		1	1.24	124.0%	2.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Arsenic-mg/L		0001606-04		1	1.03	103.0%	
Barium-mg/L		0001606-04		1	0.988	98.8%	
Cadmium-mg/L		0001606-04		1	0.962	96.2%	
Chromium-mg/L		0001606-04		1	0.976	97.6%	
Lead-mg/L		0001606-04		1	1.08	108.0%	
Mercury-mg/L		0001606-04		0.015	0.015	100.0%	
Selenium-mg/L		0001606-04		1	1.03	103.0%	
Silver-mg/L		0001606-04		1	0.939	93.9%	

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RCI

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BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
pH-pH Units		0001554-01			4.95		
Reactive Cyanide-mg/kg		0001571-01			<0.09		
Reactive Sulfide-mg/kg		0001574-01			<5.		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Reactive Cyanide-mg/kg		0001571-02		0.1	0.105	105.0%	
Reactive Sulfide-mg/kg		0001574-02		13.6	9.69	71.3%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Reactive Cyanide-mg/kg		0001571-03		0.1	0.108	108.0%	2.8%
Reactive Sulfide-mg/kg		0001574-03		13.6	9.83	72.6%	1.9%
DUPLICATE	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Ignitability-C		0203227-01	0		>100		0.0%
pH-pH Units		0203247-01	6.27		6.08		3.1%
Reactive Cyanide-mg/kg		0203227-01	0		<0.09		100.0%
Reactive Sulfide-mg/kg		0203227-01	28.8		27.6		4.3%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
pH-pH Units		0001554-04		7	7.05	100.7%	
Reactive Cyanide-mg/kg		0001571-04		1	0.96	96.0%	
Reactive Sulfide-mg/kg		0001574-04		680	433	71.8%	

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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

July 1905 St. Louis

Project Name: H.C. Drums (Seik)

Company Name Sid Richardson

Project #: AFE-62254

P.O. Box 1722

Project Loc: HALLY Compressor

Wm. H. W. 83257

PO #:

505-395-7118 505-370-9339

Fax No:

FOR THE STATE OF ILLINOIS

[illegible]

CERTIFICATE OF WASTE STATUS

The following waste was generated from a Non-exempt natural gas compressor site located at: 2002-012 Halley Comp.
Winkler Co. TX.

Unit ltr: _____

Section: _____

Township/Block _____

Range/Survey _____

GPS location: _____

Latitude- 31° 43.842

Longitude- 103° 8.435

I hereby certify the 11 cubic yards was generated by a non-exempt status compressor site and transferred to Sid Richardson Landfarm facility located in Section 36, Township 23 S, Range 36 E, Lea County New Mexico.

The waste was sampled for Toxicity, RCI, and metals prior to shipment and found to be non-hazardous under the definition of RCRA sub-title C

Date: 4/30/02

Signature: J. L. Danner