

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Final Report

Operator: Saber Resources Telephone: 432-685-0169 e-mail address: john@saberresources.com  
Address: 400 W. Illinois Suite 950 Midland, TX 79701  
Facility or well name: G T Hanners #1 API #: 30-025-07182 U/L or Qtr/Qtr O Sec 18 T 12S R 38E  
County: Lea Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit	Below-grade tank
Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>21'</u>	Less than 50 feet (20 points) XXX 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) XXX
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) XXX
Ranking Score (Total Points) <b>20 points</b>	

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Gandy Marley Disposal. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: All drilling mud and liner was excavated and hauled to Gandy Marley Disposal. After mud was removed, bottom and wall samples were analyzed per NMOCD Guidelines. The samples met NMOCD standards for this site. The pit was backfilled with clean native soil and contoured to the surrounding area.

DIG & Haul

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 3/24/08  
Printed Name/Title R. DOUGLAS KEATHLEY, VICE-PRESIDENT OPERATIONS Signature R. Douglas Keathley

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: \_\_\_\_\_  
Printed Name/Title \_\_\_\_\_ Signature ENVIRONMENTAL ENGINEER Date: 4.28.08

# Closure Report

Prepared for  
Saber Resources

**G T Hanners #1**  
**API # 30-025-07182**  
**Lea County, NM**

**RECEIVED**  
MAR 28 2008  
**HOBBS OCD**

Prepared by  
***Elke Environmental, Inc.***

P.O. Box 14167 Odessa, TX 79768  
Phone (432) 366-0043 Fax (432) 366-0884

# ***Elke Environmental, Inc.***

P.O. Box 14167 Odessa, TX 79768  
Phone (432) 366-0043 Fax (432) 366-0884

March 14, 2008

New Mexico Oil Conservation Division  
Mr. Larry Johnson  
1625 N. French Dr.  
Hobbs, New Mexico 88240

Re: Saber Resources – G T Hanners #1  
UL 'O' Sec. 18 T12S R38E Lea County, NM  
API # 30-025-07182

Mr. Larry Johnson,

Elke Environmental was contracted by Saber Resources to complete the closure of the G T Hanners #1 drilling pit. As per the C-144 filed and signed by Chris Williams on 3-5-08 all material was excavated and hauled to Gandy Marley Disposal. After all material was removed bottom and wall samples of the drilling pit were analyzed per NMOCD guidelines. All samples meet NMOCD standards for this site. The site was backfilled with clean native soil and contoured to the surrounding area. If you have any questions about the enclosed report please contact me at the office.

Sincerely,



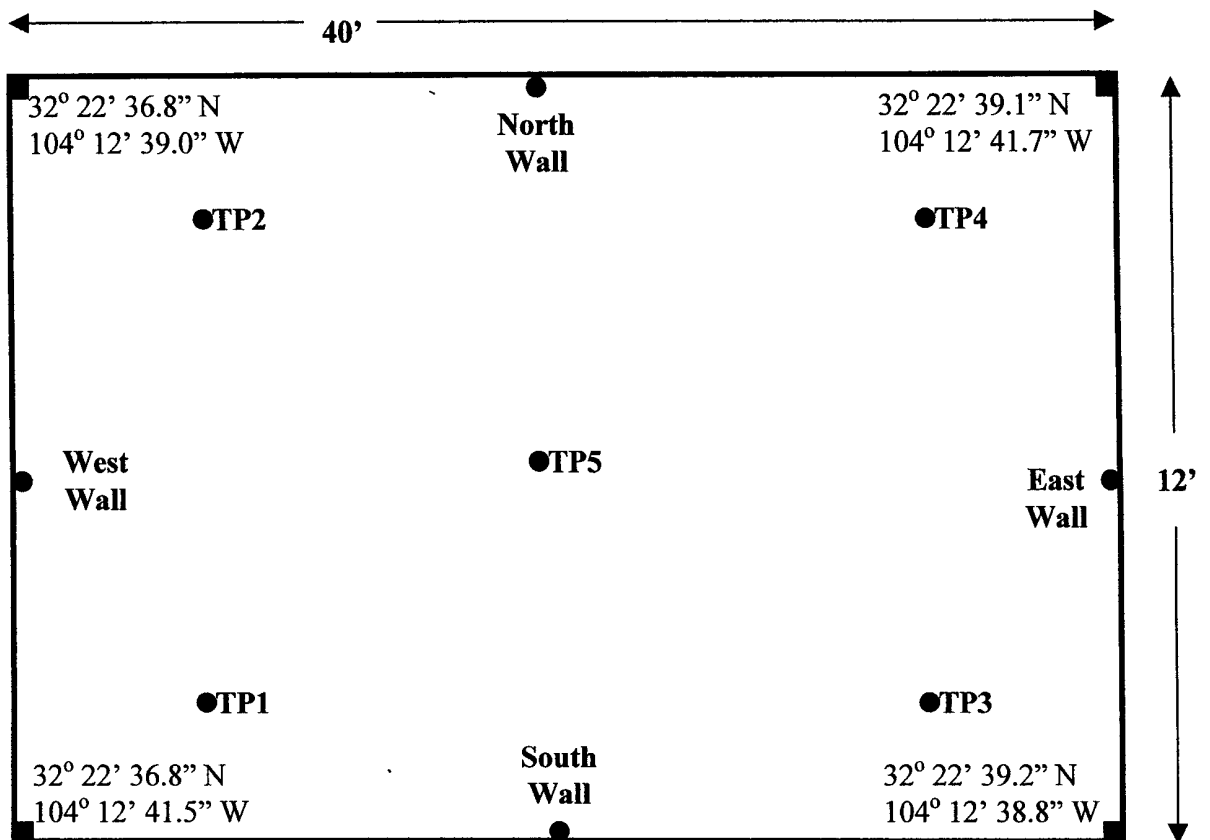
Logan Anderson

Cc : 3 - Saber Resources (Nelson Patton)  
1 - Elke Environmental, Inc. (File)

**Saber Resources**  
G T Hanners #1  
UL 'O' Sec. 18 T12S R38E



Plat Map



**Elke Environmental, Inc.**

P.O. Box 14167 Odessa, TX 79768

**Field Analytical Report Form****Client** Saber Resources**Analyst** Robert Spangler**Site** G T Hanners #1

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
TP1	3-6-08	5'		117	50.9	33° 16' 40.9" N 103° 08' 07.8" W
TP2	3-6-08	5'		120	6.7	33° 16' 41.6" N 103° 08' 07.8" W
TP3	3-6-08	5'		89	9.3	33° 16' 40.9" N 103° 08' 07.0" W
TP4	3-6-08	5'		89	3.7	33° 16' 41.6" N 103° 08' 07.0" W
TP5	3-6-08	5'		149	11.5	33° 16' 41.3" N 103° 08' 07.4" W
North Wall	3-6-08	2'		221		33° 16' 41.7" N 103° 08' 07.4" W
South Wall	3-6-08	2'		171		33° 16' 40.8" N 103° 08' 07.4" W
East Wall	3-6-08	2'		34		33° 16' 41.3" N 103° 08' 06.9" W
West Wall	3-6-08	2'		59		33° 16' 41.3" N 103° 08' 07.9" W
Background	3-6-08	Surface		119		

**Analyst Notes** \_\_\_\_\_

**GANDY-MARLEY, INC.**

P.O. Box 1658  
Roswell, NM 88202  
Office (575) 347-0434  
Fax (575) 347-0435

**NR 22843**LEASE OPERATOR/SHIPPER/COMPANY ELKE ENVIRONMENTAL INCLEASE NAME G.T. HANERS #1TRANSPORTER COMPANY SOLIS TIME 9:50 AM/PMDATE 03-07-08 VEHICLE NO. A-96 DRIVER NO. \_\_\_\_\_CHARGE TO ELKE**TYPE OF MATERIAL****OCB**☐ Other Material☒ Contaminated soil☐ C-117 No. \_\_\_\_\_☐ BS&W content \_\_\_\_\_Description oilyVOLUME OF MATERIAL ☐ YARDS 10 : CELL# LE : ☐ \_\_\_\_\_

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq.; THE NM HEALTH AND SAF. CODES, §361.001, et seq.; AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLO- RATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY-MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER B. H.FACILITY REPRESENTATIVE J. Foster

White - GM

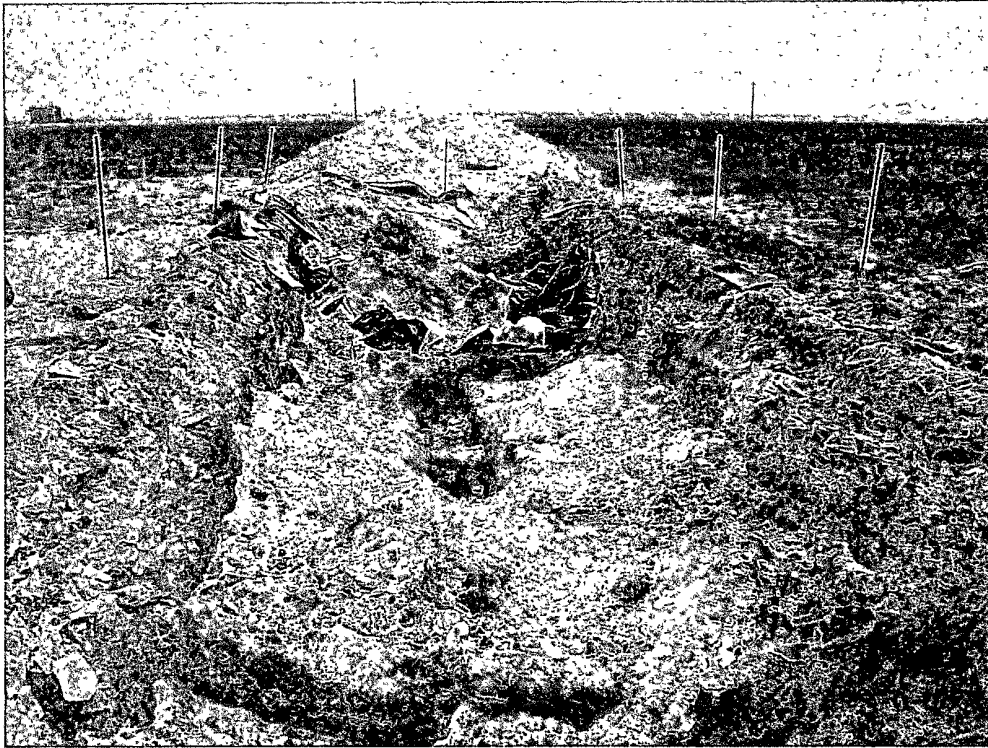
Canary - Shipper

Pink - GM

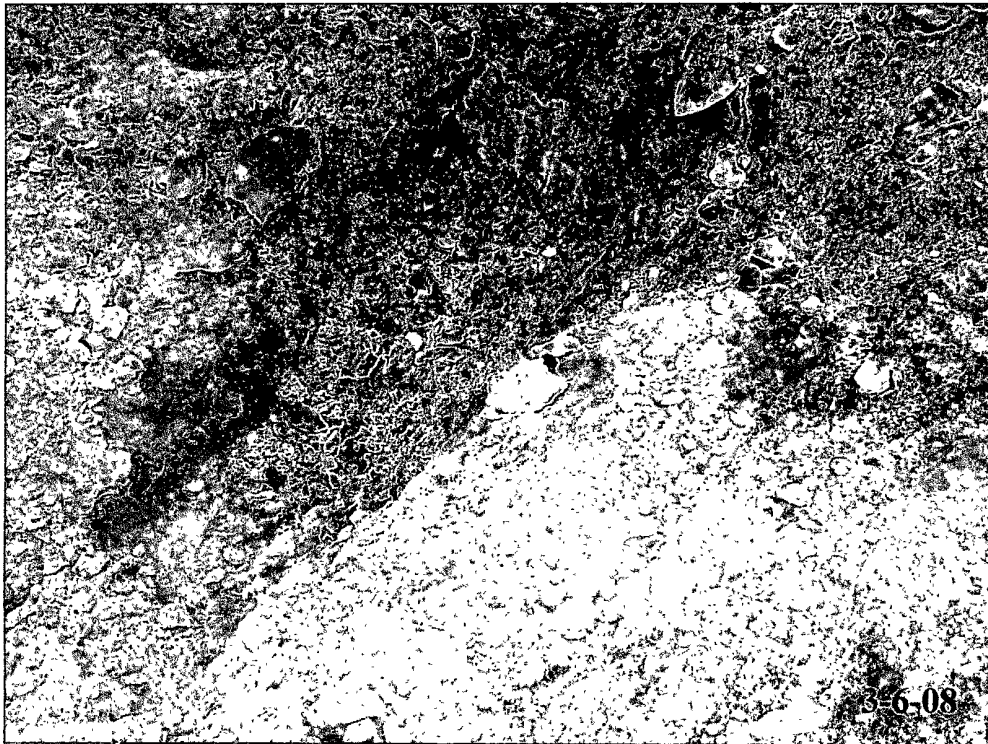
Gold - Transporter

Superior Printing Services, Inc.

**Saber Resources – G T Hanners #1**



Drilling pit before closure.



Delineation trench of drilling pit.

**Saber Resources – G T Hanners #1**



Drilling pit after backfill and contouring.



Drilling pit after backfill and contouring.



# **Analytical Report 299075**

**for**

**Elke Environmental, Inc.**

**Project Manager: Logan Anderson**

**Saber Resources**

**12-MAR-08**



**12600 West I-20 East Odessa, Texas 79765**

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

Midland - Corpus Christi - Atlanta



12-MAR-08

Project Manager: **Logan Anderson**  
**Elke Environmental, Inc.**  
4817 Andrews Hwy  
P.O. Box 14167 Odessa, tx 79768  
Odessa, TX 79762

Reference: XENCO Report No: **299075**  
**Saber Resources**  
Project Address: GT Hanners #1

**Logan Anderson:**

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 299075. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 299075 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

---

**Brent Barron, II**

Odessa Laboratory Manager

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*Certified and approved by numerous States and Agencies.*

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## Sample Cross Reference 299075



Elke Environmental, Inc., Odessa, TX

Saber Resources

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP 1 @ Surface	S	Mar-06-08 10:30	0 ft	299075-001
TP 2 @ Surface	S	Mar-06-08 10:50	0 ft	299075-002
TP 3 @ Surface	S	Mar-06-08 11:25	0 ft	299075-003
TP 4 @ Surface	S	Mar-06-08 11:42	0 ft	299075-004
TP 5 @ Surface	S	Mar-06-08 12:15	0 ft	299075-005



# Certificate of Analysis Summary 299075

Elke Environmental, Inc., Odessa, TX

Project Name: Saber Resources

Project Id:

Contact: Logan Anderson

Project Location: GT Hanners #1

Date Received in Lab: Fri Mar-07-08 09:55 am


Report Date: 12-MAR-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	299075-001	299075-002	299075-003	299075-004	299075-005	
	Field Id:	TP 1 @ Surface	TP 2 @ Surface	TP 3 @ Surface	TP 4 @ Surface	TP 5 @ Surface	
	Depth:	0 ft	0 ft	0 ft	0 ft	0 ft	
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	
	Sampled:	Mar-06-08 10:30	Mar-06-08 10:50	Mar-06-08 11:25	Mar-06-08 11:42	Mar-06-08 12:15	
Anions by EPA 300/300.1	Extracted:						
	Analyzed:	Mar-07-08 11:54	Mar-07-08 11:54	Mar-07-08 11:54	Mar-07-08 11:54	Mar-07-08 11:54	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		58.8 11.2	40.5 5.64	14.9 5.85	10.9 5.58	64.4 5.58	
Percent Moisture	Extracted:						
	Analyzed:	Mar-08-08 11:29	Mar-08-08 11:29	Mar-08-08 11:29	Mar-08-08 11:29	Mar-08-08 11:29	
	Units/RL:	% RL	% RL	% RL	% RL	% RL	
Percent Moisture		10.8	11.3	14.5	10.5	10.5	
TPH By SW8015 Mod	Extracted:	Mar-07-08 14:45	Mar-07-08 14:45	Mar-07-08 14:45	Mar-07-08 14:45	Mar-07-08 14:45	
	Analyzed:	Mar-11-08 17:14	Mar-11-08 18:06	Mar-11-08 18:32	Mar-11-08 18:58	Mar-11-08 19:25	
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
C6-C12 Gasoline Range Hydrocarbons		ND 16.8	ND 16.9	ND 17.5	ND 16.8	ND 16.8	
C12-C28 Diesel Range Hydrocarbons		60.1 16.8	ND 16.9	ND 17.5	ND 16.8	ND 16.8	
C28-C35 Oil Range Hydrocarbons		50.1 16.8	ND 16.9	ND 17.5	ND 16.8	ND 16.8	
Total TPH		110.2	ND	ND	ND	ND	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi

  
Brent Barron  
Odessa Laboratory Director



## Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.

\* Outside XENCO'S scope of NELAC Accreditation

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5332 Blackberry Drive, Suite 104, San Antonio, TX 78238  
2505 N. Falkenburg Rd., Tampa, FL 33619  
5757 NW 158th St, Miami Lakes, FL 33014  
6017 Financial Dr., Norcross, GA 30071

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477



## Form 2 - Surrogate Recoveries

Project Name: Saber Resources



Work Order #: 299075

Project ID:

Lab Batch #: 716876

Sample: 299044-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	93.1	100	93	70-135	
o-Terphenyl	51.2	50.0	102	70-135	

Lab Batch #: 716876

Sample: 299044-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	99.8	100	100	70-135	
o-Terphenyl	56.6	50.0	113	70-135	

Lab Batch #: 716876

Sample: 299075-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	79.7	100	80	70-135	
o-Terphenyl	44.8	50.0	90	70-135	

Lab Batch #: 716876

Sample: 299075-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	78.1	100	78	70-135	
o-Terphenyl	43.5	50.0	87	70-135	

Lab Batch #: 716876

Sample: 299075-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	78.7	100	79	70-135	
o-Terphenyl	44.0	50.0	88	70-135	

\*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] =  $100 * A / B$

All results are based on MDL and validated for QC purposes.

Project Name: Saber Resources

Work Order #: 299075

Project ID:

Lab Batch #: 716876

Sample: 299075-004 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	76.5	100	77	70-135	
o-Terphenyl	43.0	50.0	86	70-135	

Lab Batch #: 716876

Sample: 299075-005 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	84.7	100	85	70-135	
o-Terphenyl	46.9	50.0	94	70-135	

Lab Batch #: 716876

Sample: 505745-1-BKS / BKS

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	94.5	100	95	70-135	
o-Terphenyl	50.1	50.0	100	70-135	

Lab Batch #: 716876

Sample: 505745-1-BLK / BLK

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	83.7	100	84	70-135	
o-Terphenyl	46.2	50.0	92	70-135	

Lab Batch #: 716876

Sample: 505745-1-BSD / BSD

Batch: 1 Matrix: Solid

Units: mg/kg

SURROGATE RECOVERY STUDY					
TPH By SW8015 Mod	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
Analytes					
1-Chlorooctane	103	100	103	70-135	
o-Terphenyl	54.6	50.0	109	70-135	

\*\* Surrogates outside limits; data and surrogates confirmed by reanalysis

\*\*\* Poor recoveries due to dilution

Surrogate Recovery [D] =  $100 \times A / B$

All results are based on MDL and validated for QC purposes.

**Project Name: Saber Resources**

**Work Order #: 299075**

**Project ID:**

**Lab Batch #: 716600**

**Sample: 716600-1-BKS**

**Matrix: Solid**

**Date Analyzed: 03/07/2008**

**Date Prepared: 03/07/2008**

**Analyst: LATCOR**

**Reporting Units: mg/kg**

**Batch #: 1**

**BLANK /BLANK SPIKE RECOVERY STUDY**

Anions by EPA 300/300.1  Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	9.49	95	75-125	

Blank Spike Recovery [D] =  $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.





## BS / BSD Recoveries



**Project Name: Saber Resources**

**Work Order #: 299075**

**Analyst: BRB**

**Date Prepared: 03/07/2008**

**Project ID:**

**Date Analyzed: 03/11/2008**

**Lab Batch ID: 716876**

**Sample: 505745-1-BKS**

**Batch #: 1**

**Matrix: Solid**

**Units: mg/kg**

### BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
C6-C12 Gasoline Range Hydrocarbons	ND	1000	883	88	1000	910	91	3	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	900	90	1000	968	97	7	70-135	35	

Relative Percent Difference RPD =  $200 * (D - F) / (D + F)$

Blank Spike Recovery [D] =  $100 * (C) / [B]$

Blank Spike Duplicate Recovery [G] =  $100 * (F) / [E]$

All results are based on MDL and Validated for QC Purposes



# Form 3 - MS Recoveries

Project Name: Saber Resources



Work Order #: 299075

Lab Batch #: 716600

Date Analyzed: 03/07/2008

QC- Sample ID: 299075-001 S

Reporting Units: mg/kg

Date Prepared: 03/07/2008

Project ID:

Analyst: LATCOR

Batch #: 1

Matrix: Soil

## MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300  Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	58.8	224	292	104	75-125	

Matrix Spike Percent Recovery [D] =  $100 \cdot (C-A)/B$   
Relative Percent Difference [E] =  $200 \cdot (C-A)/(C+B)$   
All Results are based on MDL and Validated for QC Purposes



# Form 3 - MS / MSD Recoveries



Project Name: Saber Resources

Work Order #: 299075

Project ID:

Lab Batch ID: 716876

QC- Sample ID: 299044-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 03/11/2008

Date Prepared: 03/07/2008

Analyst: BRB

Reporting Units: mg/kg

## MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1070	939	88	1070	1020	95	8	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1070	963	90	1070	1100	103	13	70-135	35	

Matrix Spike Percent Recovery  $[D] = 100 * (C - A) / B$   
Relative Percent Difference  $RPD = 200 * (D - G) / (D + G)$

Matrix Spike Duplicate Percent Recovery  $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit



## Sample Duplicate Recovery



Project Name: Saber Resources

Work Order #: 299075

Lab Batch #: 716600  
Date Analyzed: 03/07/2008  
QC- Sample ID: 299075-001 D  
Reporting Units: mg/kg

Project ID:  
Date Prepared: 03/07/2008  
Analyst: LATCOR  
Batch #: 1  
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by EPA 300/300.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	58.8	56.8	3	20	

Lab Batch #: 716560  
Date Analyzed: 03/08/2008  
QC- Sample ID: 299075-001 D  
Reporting Units: %

Date Prepared: 03/08/2008  
Analyst: RBA  
Batch #: 1  
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	10.8	11.1	3	20	

Spike Relative Difference RPD  $200 * |(B-A)/(B+A)|$   
All Results are based on MDL and validated for QC purposes.

**A Xenco Laboratories Company**

12600 West I-20 East  
Odessa, Texas 79765

**Phone: 432-563-1800**  
**Fax: 432-563-1713**

Sampler Signature. Robert Shank

e-mail: [la\\_elkeenv@yahoo.com](mailto:la_elkeenv@yahoo.com)

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

[illegible]

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

Client: Elke Env.  
Date/ Time: 3.7.08 9.55  
Lab ID #: 3700 299705 274075  
Initials: AL

**Sample Receipt Checklist**

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

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to  
appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe  
office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Saber Resources Telephone: 432-685-0169 e-mail address: john@saberresources.com  
Address: 400 W. Illinois Suite 950 Midland, TX 79701  
Facility or well name: G T Hanners #1 API #: 30-025-07182 U/L or Qtr/Qtr O Sec 18 T 12S R 38E  
County: Lea Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

**Pit**

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume \_\_\_\_\_ bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ If not, explain why not.

**RECEIVED**

MAR 05 2008

Depth to ground water (vertical distance from bottom of pit to seasonal  
high water elevation of ground water.) 21'

Less than 50 feet  
50 feet or more, but less than 100 feet  
100 feet or more

(20 points) XXX  
**HOBBS OCD**  
(0 points)

Wellhead protection area: (Less than 200 feet from a private domestic  
water source, or less than 1000 feet from all other water sources.)

Yes  
No

(20 points)  
(0 points) XXX

Distance to surface water: (horizontal distance to all wetlands, playas,  
irrigation canals, ditches, and perennial and ephemeral watercourses.)

Less than 200 feet  
200 feet or more, but less than 1000 feet  
1000 feet or more

(20 points)  
(10 points)  
(0 points) XXX

**Ranking Score (Total Points)**

**20 points**

**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if  
you are burying in place) onsite ☐ offsite ☒ If offsite, name of facility Gandy Marley Disposal. (3) Attach a general description of remedial action taken including  
remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results.  
5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: All drilling mud and liner will be hauled to Gandy Marley Disposal. After mud has been removed bottom sample will be analyzed per NMOCD  
Guidelines. After sampling the pit will be backfilled with clean native soil and contoured to the surrounding area. A final report will be included and completion of the job.  
Work will begin on 3-6-08.  
NMOCD Hobbs will be notified 48 hrs prior to sampling of the pit.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank  
has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 3-4-08

Printed Name/Title Logan Anderson - Agent

Signature [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or  
otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or  
regulations.

Approved:

Printed Name/Title CHRIS WILLIAMS / DIST. SUPO.

Signature [Signature]

Date: 3/5/08