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

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

Final Report

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: B. C. Operating, Inc. Telephone: (432) 684-9696 e-mail address: Jsimon@usaonline.net
Address: P. O. Box 50820 Midland, TX 79710
Facility or well name: Lonecat Federal #1 API #: 30-025-38447 U/L or Qtr/Qtr N Sec 20 T 23S R 32E
County: Lea Latitude _____ Longitude _____ NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

RECEIVED
FEB 08 2008
HOBBS OCD

Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 20 mil Clay ☐ Pit Volume 12,000bbl	Volume: _____bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ If not, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (0 points) XXX WTR 400'
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)	**0 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 your are burying in place) onsite ☒ offsite ☐ If offsite, name of facility_____. (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: A burial was excavated and lined with a 12 mil impervious liner. The drilling pit contents were mixed with dry soil to stiffen the mud then placed in the burial pit. The burial pit was capped with a 20 mil impervious liner 3' below ground surface and overlaping 3' in all directions. Clean native soil was then backfilled. 5 bottom sample points were analyzed per NMOCD guidelines and met NMOCD standards. The site was backfilled with clean native soil and contoured to the surrounding Areas.

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: _____
Printed Name/Title Jason P. Simon Engineer Signature [signature] 2/7/08

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: 2.12.08

DRILL PIT

Closure Report

Prepared for
B C Operating

Lonecat Federal #1
API # 30-025-38447
Lea County, NM

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

February 6, 2008

New Mexico Oil Conservation Division
Mr. Chris Williams
1625 N. French Dr.
Hobbs, New Mexico 88240

Re: B C Operating – Lonecat Federal #1
UL 'N' Sec. 20 T23S R32E Lea County, NM
API # 30-025-38447

Mr. Chris Williams,

Elke Environmental was contracted by B C Operating to complete the closure of the Lonecat Federal #1 drilling pit. As per the C-144 filed and signed a burial pit was constructed and lined with a 12 mil impervious liner. The drilling mud was stiffened with dry soil then placed in the burial pit. The bottom tests of the drilling pit were analyzed per NMOCD Guidelines and met NMOCD standards. The burial pit was capped with a 20 mil impervious liner then backfilled with clean native soil. The drilling pit 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.

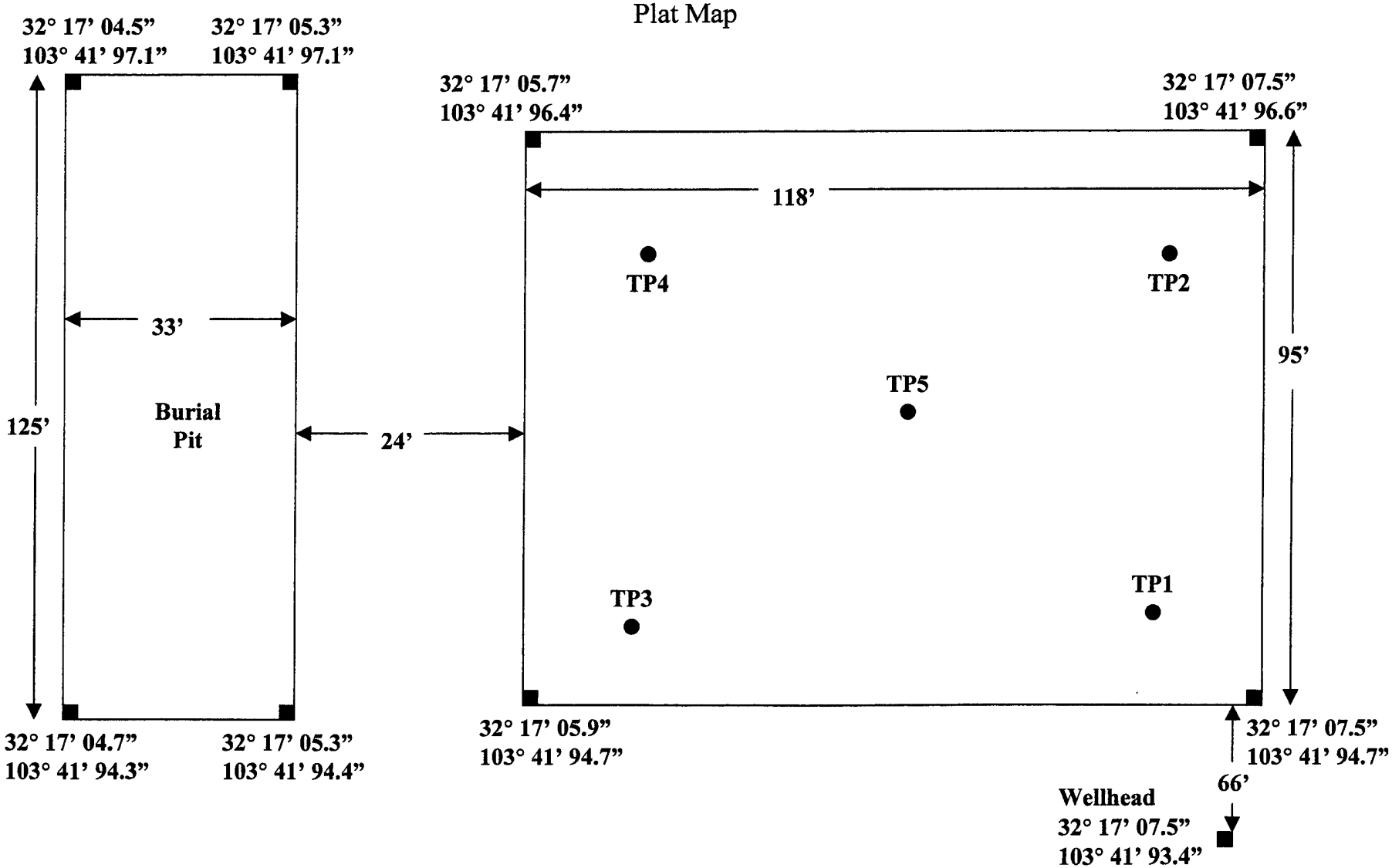
Sincerely,

Logan Anderson

B C Operating

Lonecat Federal #1

Plat Map



Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768

Field Analytical Report Form

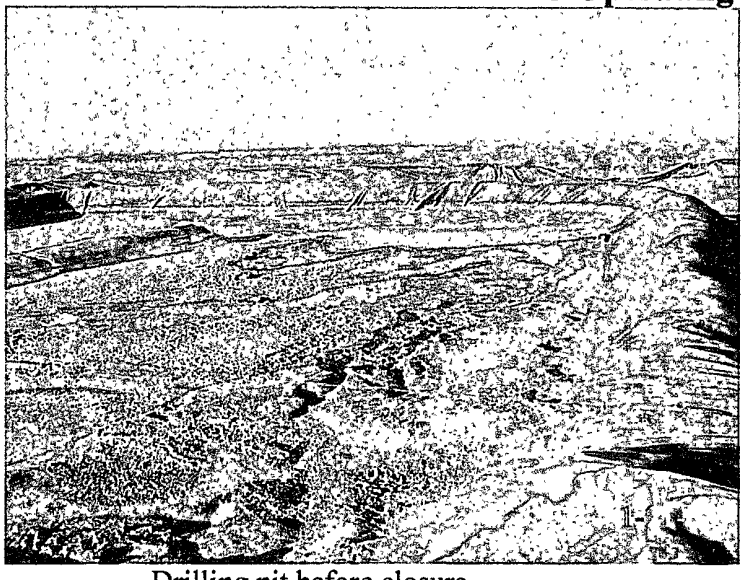
Client B C Operating **Analyst** Logan Anderson

Site Lonecat Federal #1

Sample ID	Date	Depth	TPH / PPM	Cl / PPM	PID / PPM	GPS
TP1	1-29-08	8'		116	7.3	32° 17' 07.3" N 103° 41' 95.1" W
TP2	1-29-08	8'		295	5.9	32° 17' 07.2" N 103° 41' 96.2" W
TP3	1-29-08	8'		121	1.5	32° 17' 06.2" N 103° 41' 94.9" W
TP4	1-29-08	8'		201	15.1	32° 17' 06.0" N 103° 41' 96.2" W
TP5	1-29-08	8'		287	7.1	32° 17' 06.7" N 103° 41' 95.5" W
Background	1-29-08	Surface		297		

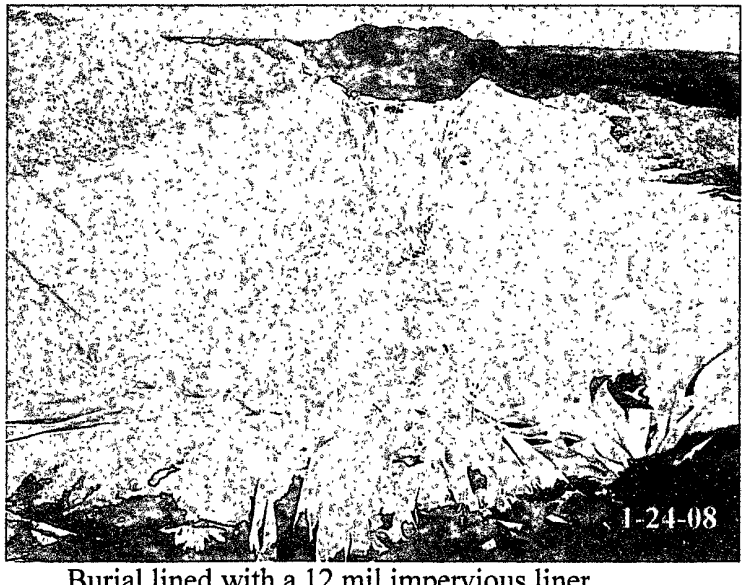
Analyst Notes

B C Operating – Lonecat Federal #1

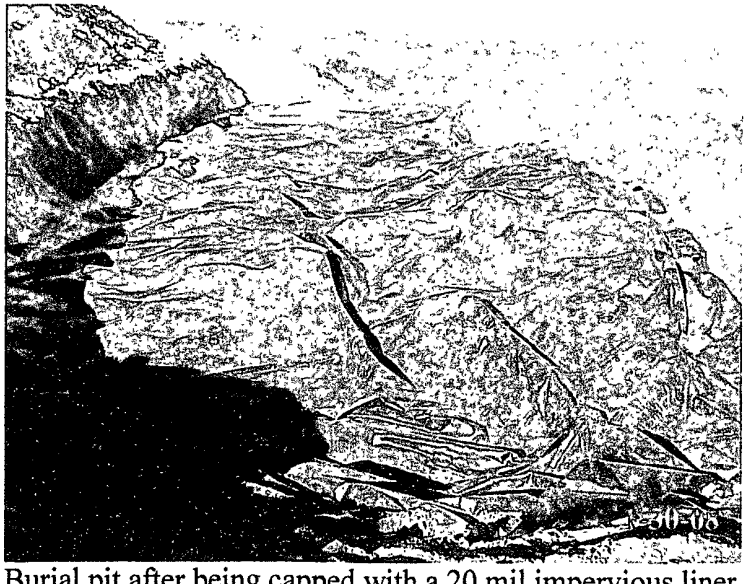


Drilling pit before closure.

Burial pit after excavation before liner.

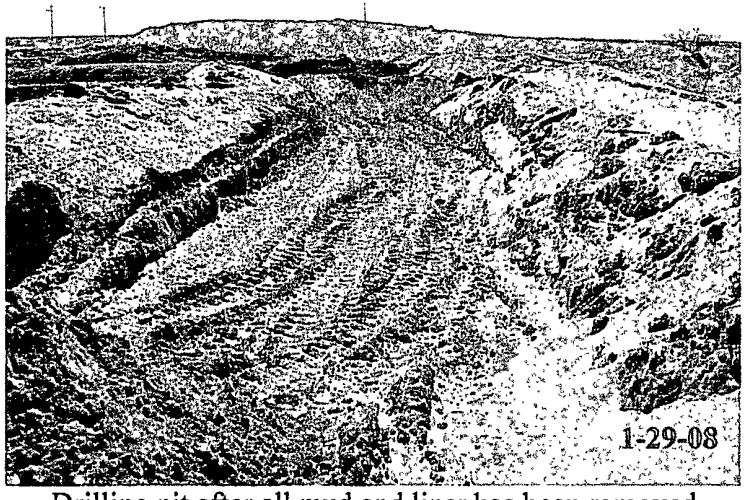


Burial lined with a 12 mil impervious liner.

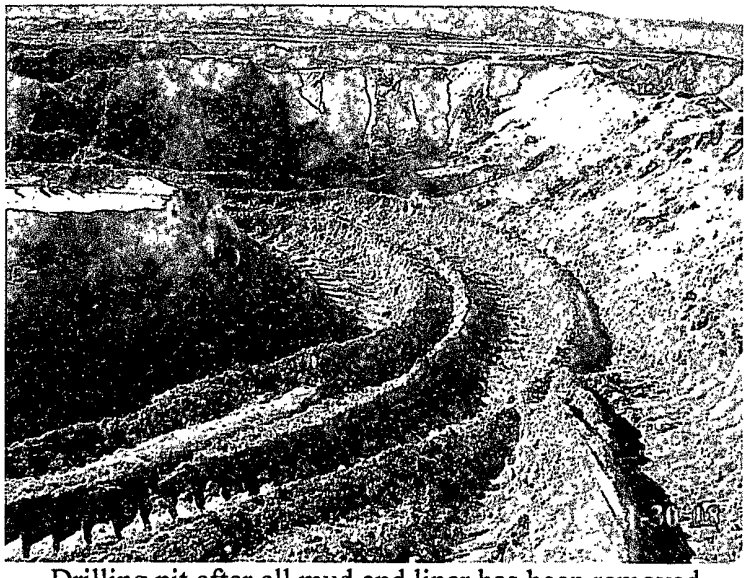


Burial pit after being capped with a 20 mil impervious liner.

B C Operating – Lonecat Federal #1

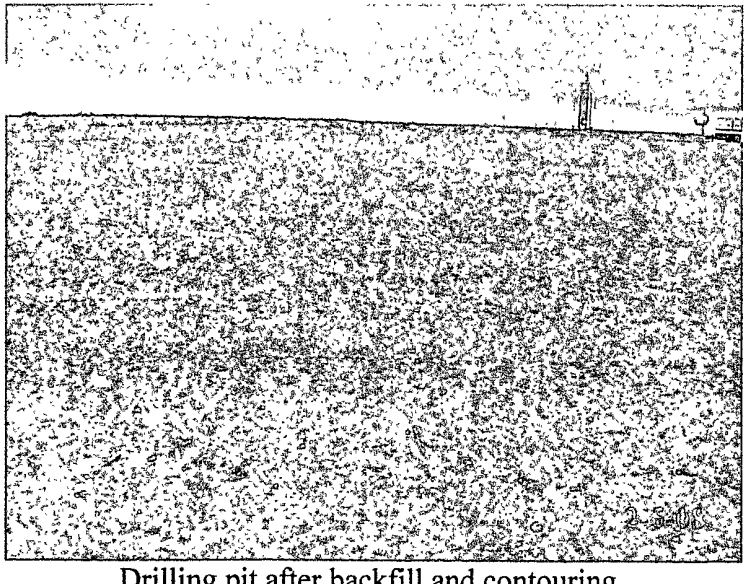


Drilling pit after all mud and liner has been removed.



Drilling pit after all mud and liner has been removed.

Drilling pit after backfill and contouring.



Drilling pit after backfill and contouring.

Analytical Report 296943

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

BC Operating

05-FEB-08

ENVIRONMENTAL LAB OF

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

05-FEB-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: **296943**
BC Operating
Project Address: Lone Cat Federal # 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 296943. 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. 296943 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

Sample Cross Reference 296943

Elke Environmental, Inc., Odessa, TX

BC Operating

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP1 @ 8'	S	Jan-29-08 09:45	8 ft	296943-001
TP2 @ 8'	S	Jan-29-08 10:15	8 ft	296943-002
TP3 @ 8'	S	Jan-29-08 10:46	8 ft	296943-003
TP4 @ 8'	S	Jan-29-08 11:03	8 ft	296943-004
TP5 @ 8'	S	Jan-29-08 12:01	8 ft	296943-005

Certificate of Analysis Summary 296943

Elke Environmental, Inc., Odessa, TX

Project Name: BC Operating

Project Id:

Contact: Logan Anderson

Project Location: Lone Cat Federal # 1

Date Received in Lab: Fri Feb-01-08 11:15 am

Report Date: 05-FEB-08

Project Manager: Brent Barron, II

Analysis Requested											
	Lab Id:	296943-001		296943-002		296943-003		296943-004		296943-005	
	Field Id:	TP1 @ 8'		TP2 @ 8'		TP3 @ 8'		TP4 @ 8'		TP5 @ 8'	
	Depth:	8 ft		8 ft		8 ft		8 ft		8 ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	Jan-29-08 09:45		Jan-29-08 10:15		Jan-29-08 10:46		Jan-29-08 11:03		Jan-29-08 12:01	
Percent Moisture	*Extracted:*										
	Analyzed:	Feb-01-08 12:58		Feb-01-08 12:59		Feb-01-08 13:00		Feb-01-08 13:01		Feb-01-08 13:02	
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL
Percent Moisture		0.886		0.692		0.999		0.188		0.587	
TPH by SW8015 Mod	*Extracted:*	Feb-04-08 12:00		Feb-04-08 12:00		Feb-04-08 12:00		Feb-04-08 12:00		Feb-04-08 12:00	
	Analyzed:	Feb-04-08 17:53		Feb-04-08 18:18		Feb-04-08 18:44		Feb-04-08 19:09		Feb-04-08 19:35	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
C6-C12 Gasoline Range Hydrocarbons		ND	15.1	ND	15.1	ND	15.2	ND	15.0	ND	15.1
C12-C28 Diesel Range Hydrocarbons		ND	15.1	15.8	15.1	ND	15.2	74.7	15.0	ND	15.1
C28-C35 Oil Range Hydrocarbons		ND	15.1	ND	15.1	ND	15.2	ND	15.0	ND	15.1
Total TPH		ND		15.8		ND		74.7		ND	
Total Chloride by EPA 325.3	*Extracted:*										
	Analyzed:	Feb-04-08 11:30		Feb-04-08 11:30		Feb-04-08 11:30		Feb-04-08 11:30		Feb-04-08 11:30	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		21.5	5.04	300	5.03	32.2	5.05	170	5.01	278	5.03

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

Form 2 - Surrogate Recoveries

Project Name: BC Operating

Work Order #: 296943 **Project ID:**

Lab Batch #: 713770 **Sample:** 296942-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	128	100	128	70-135	
o-Terphenyl	60.7	50.0	121	70-135	

Lab Batch #: 713770 **Sample:** 296942-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	125	100	125	70-135	
o-Terphenyl	55.3	50.0	111	70-135	

Lab Batch #: 713770 **Sample:** 296943-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	91.9	100	92	70-135	
o-Terphenyl	47.8	50.0	96	70-135	

Lab Batch #: 713770 **Sample:** 296943-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	110	100	110	70-135	
o-Terphenyl	55.2	50.0	110	70-135	

Lab Batch #: 713770 **Sample:** 296943-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.4	100	96	70-135	
o-Terphenyl	49.4	50.0	99	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.

Form 2 - Surrogate Recoveries

Project Name: BC Operating

Work Order #: 296943 **Project ID:**

Lab Batch #: 713770 **Sample:** 296943-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	93.9	100	94	70-135	
o-Terphenyl	49.5	50.0	99	70-135	

Lab Batch #: 713770 **Sample:** 296943-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.0	100	94	70-135	
o-Terphenyl	47.7	50.0	95	70-135	

Lab Batch #: 713770 **Sample:** 504212-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	120	100	120	70-135	
o-Terphenyl	54.3	50.0	109	70-135	

Lab Batch #: 713770 **Sample:** 504212-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	115	100	115	70-135	
o-Terphenyl	61.4	50.0	123	70-135	

Lab Batch #: 713770 **Sample:** 504212-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH by SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	114	100	114	70-135	
o-Terphenyl	51.2	50.0	102	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.

Blank Spike Recovery

Project Name: BC Operating

Work Order #: 296943 **Project ID:**

Lab Batch #: 713650 **Sample:** 713650-1-BKS **Matrix:** Solid

Date Analyzed: 02/04/2008 **Date Prepared:** 02/04/2008 **Analyst:** IRO

Reporting Units: mg/kg **Batch #:** 1

		BLANK /BLANK SPIKE RECOVERY STUDY				
Total Chloride by EPA 325.3 **Analytes**	**Blank Result [A]**	**Spike Added [B]**	**Blank Spike Result [C]**	**Blank Spike %R [D]**	**Control Limits %R**	**Flags**
Chloride	ND	50.0	48.9	98	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: BC Operating

Work Order #: 296943
Analyst: SHE
Lab Batch ID: 713770
Sample: 504212-1-BKS
Batch #: 1
Date Prepared: 02/04/2008
Project ID:
Date Analyzed: 02/04/2008
Matrix: Solid
Units: mg/kg

TPH by SW8015 Mod Analytes	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
	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
C6-C12 Gasoline Range Hydrocarbons	ND	1000	895	90	1000	856	86	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	917	92	1000	879	88	4	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 / MSD Recoveries

Project Name: BC Operating

Work Order # : 296943 **Project ID:**

Lab Batch ID: 713770 **QC- Sample ID:** 296942-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/05/2008 **Date Prepared:** 02/04/2008 **Analyst:** SHE

Reporting Units: mg/kg

TPH by SW8015 Mod Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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	1020	1030	101	1020	909	89	13	70-135	35	
C12-C28 Diesel Range Hydrocarbons	29.0	1020	1100	105	1020	948	90	15	70-135	35	

Lab Batch ID: 713650 **QC- Sample ID:** 296938-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/04/2008 **Date Prepared:** 02/04/2008 **Analyst:** IRO

Reporting Units: mg/kg

Total Chloride by EPA 325.3 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	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
Chloride	2550	10000	12100	96	10000	12300	98	2	75-125	30	

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 ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Sample Duplicate Recovery

Project Name: BC Operating

Work Order #: 296943

Lab Batch #: 713590 **Project ID:**

Date Analyzed: 02/01/2008 **Date Prepared:** 02/01/2008 **Analyst:** RBA

QC- Sample ID: 296701-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Percent Moisture **Analyte**	**Parent Sample Result [A]**	**Sample Duplicate Result [B]**	**RPD**	**Control Limits %RPD**	**Flag**
Percent Moisture	17.0	17.6	3	20	

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

Environmental Lab of Texas

A Xenco Laboratories Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765
Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Logan Anderson
Company Name: Elke Environmental
Company Address: P O Box 14167
City/State/Zip: Odessa, TX 79768
Telephone No: 432-366-0043 Fax No: 432-366-0884
Sampler Signature:
e-mail: la_elkeenv@yahoo.com

Project Name: BC Operating
Project #:
Project Loc: Lone cat Federal #1
PO #:
Report Format: Standard TRRP NPDES

(lab use only)
ORDER #: 796943

Analyze For:
TCLP:
TOTAL:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: Drinking Water / Ground water / Wastewater / Surface Water / Sludge / Other	TPH: 418.1 (8015B)	TPH: TX 1005	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.			RUSH TAT (Pre-Schedule) 24, 48, 72 Hrs	Standard TAT
01	TP1 C 8'		8'	1-29-08	9:45 A		1	X								S	X			X										X	
02	TP2 C 8'		8'	1-29-08	10:15 A		1	X								S	X			X										X	
03	TP3 C 8'		8'	1-29-08	10:46 A		1	X								S	X			X										X	
04	TP4 C 8'		8'	1-29-08	11:03 A		1	X								S	X			X										X	
05	TP5 C 8'		8'	1-29-08	12:01 P		1	X								S	X			X										X	

Special Instructions:

	Date	Time		Date	Time
Relinquished by:	2-1-08	11:15A	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by ELOT: Andrea Lam	2-1-08	11:15

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) on Lid Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
Yellow Brick
Temperature Upon Receipt: 2.0 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.

Date/ Time: 2.108 11:15

Lab ID # : 296943

Initials. AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	7.0 °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	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	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