Remediation Plan

Prepared for
Oxy USA

Righthand Canyon 34 Fed #5
Eddy County, NM

RP# 555

Prepared by
Elke Environmental, Inc.
P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

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-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company OXY USA	Contact Kelton Beaird
Address 1502 W. Commerce Carlsbad, NM 88220	Telephone No. (O) 575-628-4100
Facility Name Righthand Canyon 34-5	Facility Type Satellite Facility

Surface Owner BLM	Mineral Owner BLM	Lease No. 3001532588

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	34	21S	24E					EDDY

Latitude_____ **Longitude**_____

NATURE OF RELEASE

Type of Release Crude Oil & Produced Water	Volume of Release 6 bbls oil, 14 bbls. water	Volume Recovered 0
Source of Release Bypass line	Date and Hour of Occurrence	Date and Hour of Discovery 1-8-10 4:15pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Mike Bratcher-NMOCD	
By Whom? Kelton Beaird - HES Specialist - Oxy	Date and Hour See above	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Victaulic Clamp broke

Describe Area Affected and Cleanup Action Taken.*
Affected area was on the location. Due to the ranking criteria of 0 points and a groundwater in excess of 100' bgs, Oxy proposes to remove 2 feet @ TP1, and 1 foot at the remaining Test Point areas, excluding TP6 and Wall 7 areas. The excavated soil will be hauled to an OCD approved disposal. The excavated areas will then be backfilled with caliche. A final report will be submitted at the completion of the project.

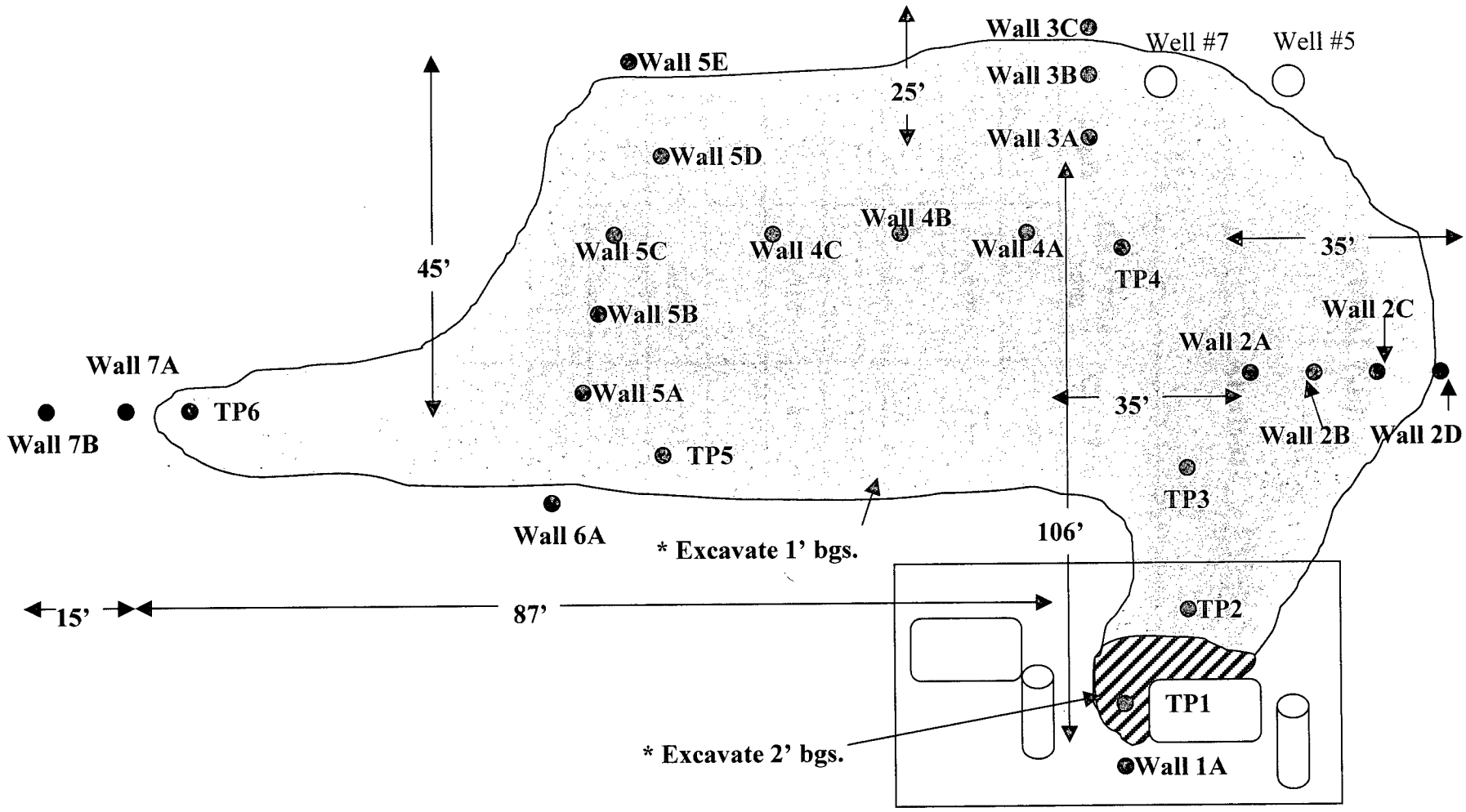
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	OIL CONSERVATION DIVISION	
Printed Name: Kelton Beaird	Approved by District Supervisor:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: kelton_beaird@oxy.com	Conditions of Approval:	Attached ☐
Date: 3-24-10		

* Attach Additional Sheets If Necessary

Oxy USA
Righthand Canyon 34 Fed #5

Plat Map



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

Field Analytical Report Form

Client Oxy USA **Analyst** Bobby Steadham

Site Righthand Canyon 34 Fed #5

Sample ID	Date	Depth	418.1 TPH / PPM	Cl / PPM	PID / PPM	GPS
Wall 5D	2-18-10	1.5'		817	10.2	32° 25.906' N 104° 29.055' W
Wall 5E	2-18-10	1.5'	36	243	9.1	32° 25.903' N 104° 29.055' W
Wall 6A	2-19-10	2'	34	86	0.1	32° 25.920' N 104° 29.056' W
Wall 7A	2-19-10	1'		355	61.6	32° 25.919' N 104° 29.049' W
Wall 7B	2-19-10	1'	37	251	9.0	32° 25.922' N 104° 29.049' W

Analyst Notes

Analytical Report 363054

for

Elke Environmental, Inc.

Project Manager: Logan Anderson

Oxy USA

Right Hand Canyon 34-5

26-FEB-10

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

26-FEB-10

Project Manager: **Logan Anderson**
Elke Environmental, Inc.
P.O. Box 14167
Odessa, TX 79768

Reference: XENCO Report No: **363054**
Oxy USA
Project Address: Right Hand Canyon 34-5

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 363054. 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. 363054 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 363054

Elke Environmental, Inc., Odessa, TX

Oxy USA

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
TP1 @ 3'	S	Feb-17-10 17:45	3 ft	363054-001
TP2 @ 2'	S	Feb-17-10 16:30	2 ft	363054-002
TP3 @ 1'	S	Feb-17-10 16:00	1 ft	363054-003
TP4 @ 2'	S	Feb-17-10 17:30	2 ft	363054-004
TP5 @ 5'	S	Feb-18-10 13:00	5 ft	363054-005

CASE NARRATIVE

Client Name: Elke Environmental, Inc.
Project Name: Oxy USA

Project ID:	*Right Hand Canyon 34-5*	*Report Date:*	*26-FEB-10*
Work Order Number:	*363054*	*Date Received:*	*02/22/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-795451 Inorganic Anions by EPA 300
None

Batch: LBA-795474 Percent Moisture
None

Batch: LBA-795507 Percent Moisture
None

Batch: LBA-795727 TPH By SW8015 Mod
None

Certificate of Analysis Summary 363054

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy USA

Project Id: Right Hand Canyon 34-5
Contact: Logan Anderson
Project Location: Right Hand Canyon 34-5

Date Received in Lab: Mon Feb-22-10 09:11 am
Report Date: 26-FEB-10
Project Manager: Brent Barron, II

Analysis Requested																
	Lab Id:	363054-001		363054-002		363054-003		363054-004		363054-005						
	Field Id:	TP1 @ 3'		TP2 @ 2'		TP3 @ 1'		TP4 @ 2'		TP5 @ 5'						
	Depth:	3 ft		2 ft		1 ft		2 ft		5 ft						
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL						
	Sampled:	Feb-17-10 17:45		Feb-17-10 16:30		Feb-17-10 16:00		Feb-17-10 17:30		Feb-18-10 13:00						
Anions by E300	*Extracted:*															
	Analyzed:	Feb-24-10 14:12		Feb-24-10 14:12		Feb-24-10 14:12		Feb-24-10 14:12		Feb-24-10 14:12						
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL					
Chloride		14.8	4.58	78.2	10.6	24.5	4.73	32.6	4.71	131	8.60					
Percent Moisture	*Extracted:*															
	Analyzed:	Feb-23-10 12:25		Feb-23-10 12:25		Feb-23-10 17:00		Feb-23-10 17:00		Feb-23-10 17:00						
	Units/RL:	%	RL	%	RL	%	RL	%	RL	%	RL					
Percent Moisture		8.35	1.00	20.6	1.00	11.2	1.00	10.8	1.00	2.32	1.00					
TPH By SW8015 Mod	*Extracted:*	Feb-25-10 09:45		Feb-25-10 09:45		Feb-25-10 09:45		Feb-25-10 09:45		Feb-25-10 09:45						
	Analyzed:	Feb-26-10 11:31		Feb-26-10 11:58		Feb-26-10 12:25		Feb-26-10 12:51		Feb-26-10 13:44						
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL					
C6-C12 Gasoline Range Hydrocarbons		ND	16.4	78.5	18.9	ND	16.8	ND	16.8	41.9	15.4					
C12-C28 Diesel Range Hydrocarbons		161	16.4	361	18.9	59.1	16.8	90.8	16.8	963	15.4					
C28-C35 Oil Range Hydrocarbons		ND	16.4	ND	18.9	ND	16.8	ND	16.8	74.1	15.4					
Total TPH		161	16.4	440	18.9	59.1	16.8	90.8	16.8	1079	15.4					

Brent Barron, II
Odessa Laboratory Manager

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 and above the SQL.

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.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

Form 2 - Surrogate Recoveries

Project Name: Oxy USA

Work Orders : 363054,

Project ID: Right Hand Canyon 34-5

Lab Batch #: 795727 **Sample:** 551566-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/26/10 07:29

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	96.8	99.7	97	70-135	
o-Terphenyl	46.9	49.9	94	70-135	

Lab Batch #: 795727 **Sample:** 551566-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/26/10 07:57

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.7	99.5	100	70-135	
o-Terphenyl	48.1	49.8	97	70-135	

Lab Batch #: 795727 **Sample:** 551566-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 02/26/10 08:24

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	81.7	99.8	82	70-135	
o-Terphenyl	49.3	49.9	99	70-135	

Lab Batch #: 795727 **Sample:** 363054-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 11:31

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	85.2	99.9	85	70-135	
o-Terphenyl	50.7	50.0	101	70-135	

Lab Batch #: 795727 **Sample:** 363054-002 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 11:58

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	77.1	100	77	70-135	
o-Terphenyl	45.1	50.0	90	70-135	

* Surrogate outside of Laboratory QC limits

** 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: Oxy USA

Work Orders : 363054,

Project ID: Right Hand Canyon 34-5

Lab Batch #: 795727 **Sample:** 363054-003 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 12:25

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	79.8	99.5	80	70-135	
o-Terphenyl	48.2	49.8	97	70-135	

Lab Batch #: 795727 **Sample:** 363054-004 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 12:51

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.5	99.8	83	70-135	
o-Terphenyl	49.8	49.9	100	70-135	

Lab Batch #: 795727 **Sample:** 363054-005 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 13:44

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	82.3	100	82	70-135	
o-Terphenyl	47.8	50.1	95	70-135	

Lab Batch #: 795727 **Sample:** 363052-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 14:10

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.0	99.5	97	70-135	
o-Terphenyl	46.5	49.8	93	70-135	

Lab Batch #: 795727 **Sample:** 363052-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 02/26/10 14:37

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	94.5	99.9	95	70-135	
o-Terphenyl	46.0	50.0	92	70-135	

* Surrogate outside of Laboratory QC limits

** 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: Oxy USA

Work Order #: 363054 **Project ID:** Right Hand Canyon 34-5

Lab Batch #: 795451 **Sample:** 795451-1-BKS **Matrix:** Solid

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** LATCOR

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

Anions by E300 Analytes	Blank Result [A]	BLANK /BLANK SPIKE RECOVERY STUDY Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	9.06	91	75-125	

Blank Spike Recovery [D] = 100*[C]/[B]
All results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

BS / BSD Recoveries

Project Name: Oxy USA

Work Order #: 363054
Analyst: BEV
Lab Batch ID: 795727
Sample: 551566-1-BKS
Units: mg/kg

Date Prepared: 02/25/2010
Batch #: 1

Project ID: Right Hand Canyon 34-5
Date Analyzed: 02/26/2010
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

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
C6-C12 Gasoline Range Hydrocarbons	ND	997	898	90	995	913	92	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	997	942	94	995	814	82	15	70-135	35	

Relative Percent Difference RPD = 200*|(C-F)/(C+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: Oxy USA

Work Order #: 363054
Lab Batch #: 795451
Project ID: Right Hand Canyon 34-5
Date Analyzed: 02/24/2010
Date Prepared: 02/24/2010
Analyst: LATCOR
QC- Sample ID: 363052-001 S
Batch #: 1
Matrix: Soil
Reporting Units: mg/kg

Inorganic Anions by EPA 300	MATRIX / MATRIX SPIKE RECOVERY STUDY					
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	259	246	471	86	75-125	

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

BRL - Below Reporting Limit

Form 3 - MS / MSD Recoveries

Project Name: Oxy USA

Work Order # : 363054 **Project ID:** Right Hand Canyon 34-5

Lab Batch ID: 795727 **QC- Sample ID:** 363052-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 02/26/2010 **Date Prepared:** 02/25/2010 **Analyst:** BEV

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	1220	1110	91	1230	1060	86	5	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1220	990	81	1230	958	78	3	70-135	35	

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

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: Oxy USA

Work Order #: 363054

Lab Batch #: 795451 **Project ID:** Right Hand Canyon 34-5

Date Analyzed: 02/24/2010 **Date Prepared:** 02/24/2010 **Analyst:** LATCOR

QC- Sample ID: 363052-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

Anions by E300 Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloride	259	251	3	20	

Lab Batch #: 795474

Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** ASA

QC- Sample ID: 363039-011 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	16.8	16.7	1	20	

Lab Batch #: 795507

Date Analyzed: 02/23/2010 **Date Prepared:** 02/23/2010 **Analyst:** WRU

QC- Sample ID: 363054-003 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	11.2	13.6	20	20	

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

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: OXY USA
Project #:
Project Loc: Right Hand Canyon 34-5
PO #:
Report Format: ☑ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 363054

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: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M	TOTAL: 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO_4, 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 @ 3'		3'	2/17/10	5:45PM			X								S			X				X										X
02	TP2 @ 2'		2'	2/17/10	4:30 PM			X								S			X				X										X
03	TP3 @ 1'		1'	2/17/10	4:00PM			X								S			X				X										X
04	TP4 @ 2'		2'	2/17/10	5:30PM			X								S			X				X										X
05	TP5 @ 5'		5'	2/18/10	1:00PM			X								S			X				X										X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	2/22/10	9:11			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT: Andrea Sam	2-22-10	9:11

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep. ? Y N
by Courier? UPS DHL FedEx Lone Star
4029 1455
Temperature Upon Receipt: -3.4 °C

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Elke Env.

Date/ Time: 2-27-10 9:11

Lab ID #: 363054

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	Yes	No	-3.4 °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