

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

30-015-29864  
N5EB0833756657

**Release Notification and Corrective Action**

2RP-280

**OPERATOR**  Initial Report  Final Report

Name of Company - OXY USA <i>16696</i>	Contact - Kelton Beaird
Address - P O Box 1988 / 102 South Main St Carlsbad, NM	Telephone No. - 575-887-8337
Facility Name - Coyote 21 #2 Battery	Facility Type - Battery

Surface Owner - Federal	Mineral Owner - Federal	Lease No.
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**LOCATION OF RELEASE**

Unit Letter N	Section 21	Township 24S	Range 29E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude 32° 11.882' N Longitude 103° 59.458' W

**NATURE OF RELEASE**

Type of Release - Produced Water	Volume of Release - 170 bbls	Volume Recovered - 160 bbls
Source of Release - Discharge Line	Date and Hour of Occurrence 11-24-08	Date and Hour of Discovery - 11-24-08
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Sherry Bohnam - NMOCD Jim Amos - BLM	
By Whom? - Kelton Beaird - Oxy	Date and Hour - Same as above	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\* Hole in steel discharge line corroded and release produced water. Spill was contained within the battery. All fluid was picked up with a vacuum truck. The battery was delineated using field analysis. Confirmation samples were taken to the lab. The groundwater in the surrounding area shows < 50' using the SEO data and the ChevronTexaco groundwater map. The following are the Recommended Action Levels for the site : Chloride - 250 ppm, TPH - 100 ppm, BTEX - 100 ppm(field vapor analysis).

Describe Area Affected and Cleanup Action Taken.\* As per the approved plan all impacted soil was excavated and hauled to Lea Land Disposal. The site was backfilled with clean native soil. Attached are the field analysis, lab confirmations, plat maps and pictures of the remediation. The backfill process was in completion on May 20, 2009 when a second spill occurred at the battery. The second spill will be addressed as a separate occurrence in a separate report.

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: 	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Kelton Beaird	Signed By <u>M/L Bohnam</u> Approved by District Supervisor:	
Title: HES Specialist	Approval Date: <b>JUL 08 2009</b>	Expiration Date: <u>N/A</u>
Email Address: kelton_beaird@oxy.com	Conditions of Approval: <u>N/A</u>	Attached <input type="checkbox"/>
Date: 6-11-09	Phone: 575-887-8337	

\* Attach Additional Sheets If Necessary

2RP-280

JUL -6 2009

# Closure Report

Prepared for  
Oxy USA

**Coyote 21 #2 Battery**  
Eddy County, NM

2RP-280

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

June 11, 2009

New Mexico Oil Conservation Division  
Mr. Mike Bratcher  
1301 West Grand Ave.  
Artesia, New Mexico 88210

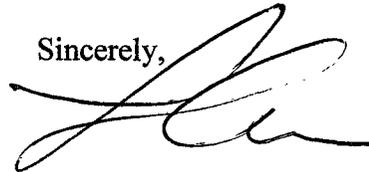
Re: Closure Report for Oxy USA – Coyote 21 #2 Battery  
UL 'N' Sec. 21 T24S R29E Eddy County  
2RP-280

Mr. Mike Bratcher,

Elke Environmental was contracted by Oxy USA to complete the remediation of the leak at the Coyote 21 #2 Battery. A delineation of the site was completed using an air rotary rig. The ranking criteria for this site is as follows: Surface Body of Water – 0 points (1200' from Pecos River); Wellhead Protection Area – 0 points; Groundwater Depth – 20 points (GW < 50'). The total ranking for the site is 20 points. Attached are a plat map, field analytical, lab confirmations, pictures and disposal tickets for the site.

All impacted soil was excavated to a hard rock layer at 2' to 3' below ground surface. The impacted soil was hauled to Lea Land Disposal and clean soil was backfilled into the excavation. If you have any questions about the enclosed report please contact me at the office.

Sincerely,



Logan Anderson

**Oxy USA**

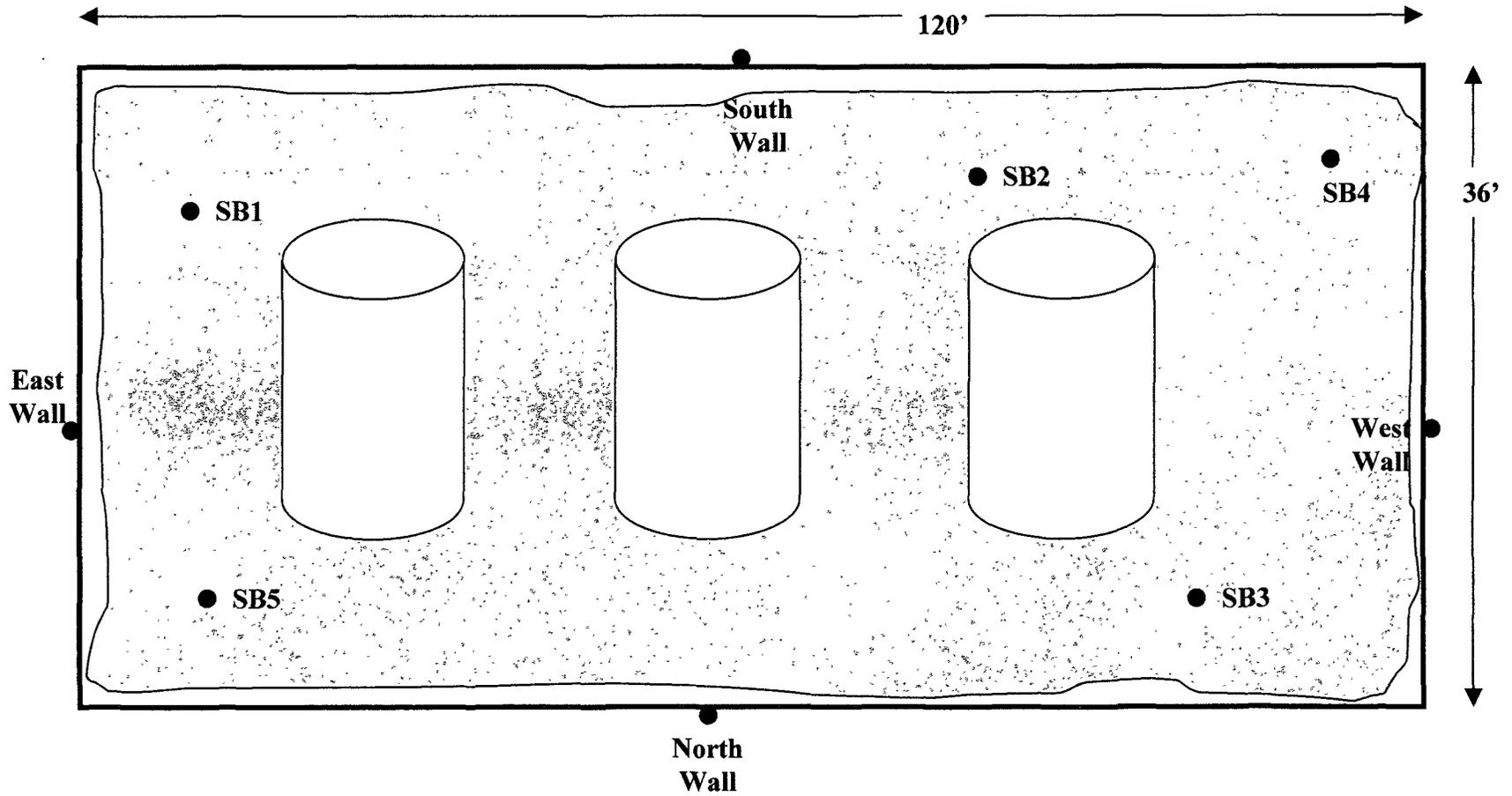
Coyote 21 #2 Battery

UL 'N' Sec. 21 T24S R29E

Eddy County, NM



Plat Map



# Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768

## Field Analytical Report Form

Client Oxy USA Analyst Logan Anderson / Robert Spangler

Site Coyote 21 #2 Battery

Sample ID	Date	Depth	TPH / PPM	CI / PPM	PID / PPM	GPS
SB1	1-7-09	Surface	79	26,174	0.0	32° 11.886' N 103° 59.441' W
SB1	5-14-09	3'	23	250	0.0	32° 11.886' N 103° 59.441' W
SB1	1-7-09	5'		206	0.0	32° 11.886' N 103° 59.441' W
SB1	1-7-09	10'	22	151	0.0	32° 11.886' N 103° 59.441' W
SB2	1-7-09	Surface	23	33,424	0.0	32° 11.887' N 103° 59.452' W
SB2	5-14-09	2'	38	219	0.0	32° 11.887' N 103° 59.452' W
SB2	1-7-09	5'		317	0.0	32° 11.887' N 103° 59.452' W
SB2	1-7-09	10'		343	0.0	32° 11.887' N 103° 59.452' W
SB2	1-7-09	15'	31	260	0.0	32° 11.887' N 103° 59.452' W
SB3	1-7-09	Surface	48	24,811	0.0	32° 11.888' N 103° 59.458' W
SB3	5-14-09	2'	16	235	0.0	32° 11.888' N 103° 59.458' W
SB3	1-7-09	5'		462	0.0	32° 11.888' N 103° 59.458' W
SB3	1-7-09	10'	54	270	0.0	32° 11.888' N 103° 59.458' W
SB4	5-14-09	2'	27	220	0.0	32° 11.887' N 103° 59.460' W
SB5	5-14-09	3'	43	229	0.0	32° 11.888' N 103° 59.441' W

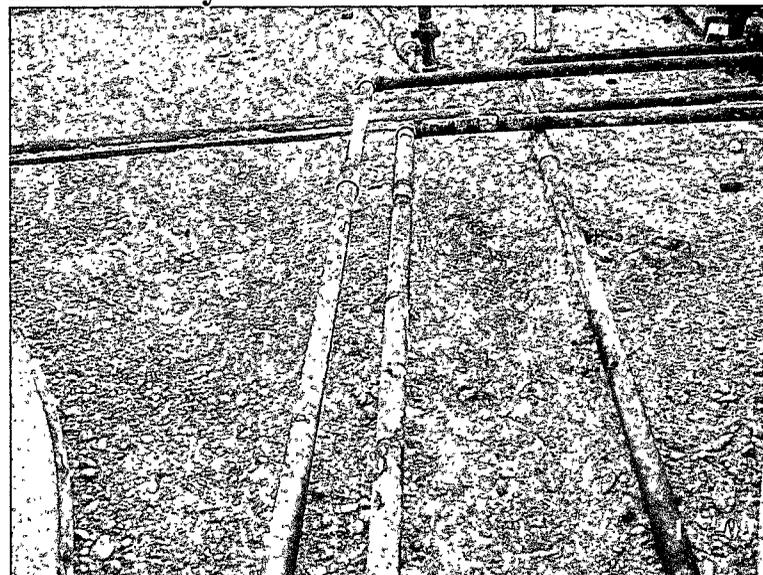
Analyst Notes \_\_\_\_\_



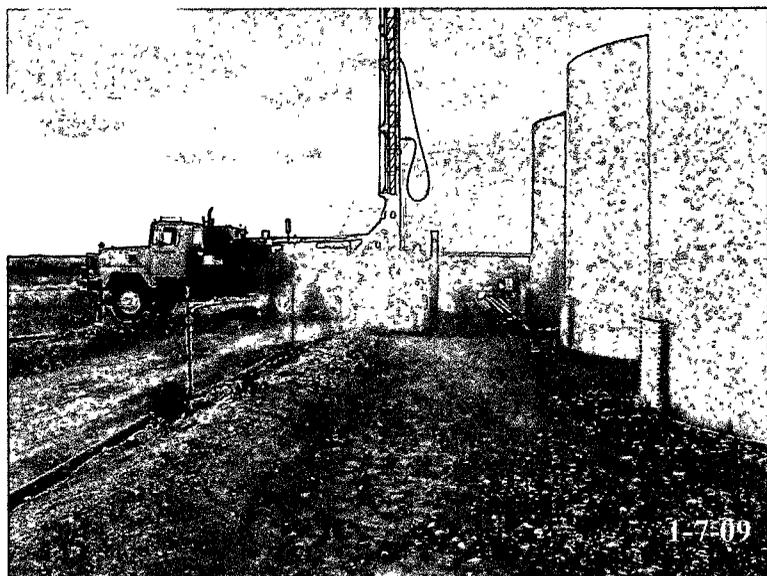
Oxy USA – Coyote 21 #2 Battery



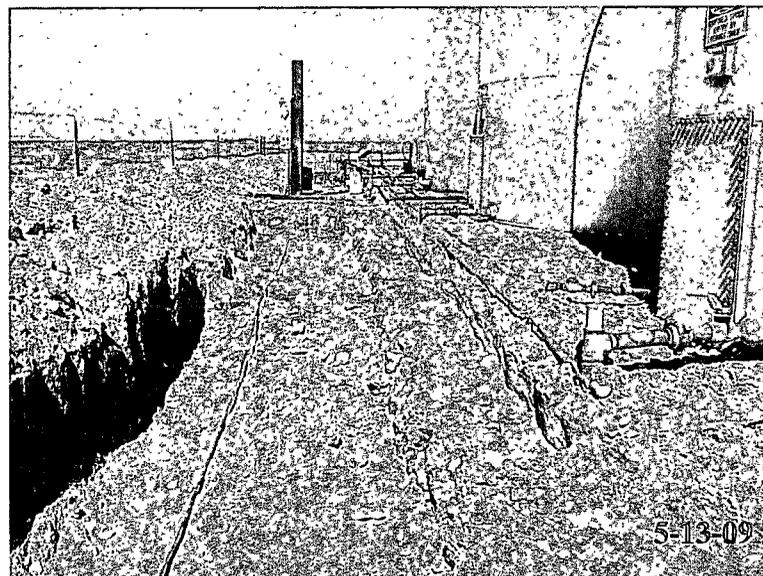
Impacted soil at site before remediation.



Impacted soil at site before remediation.

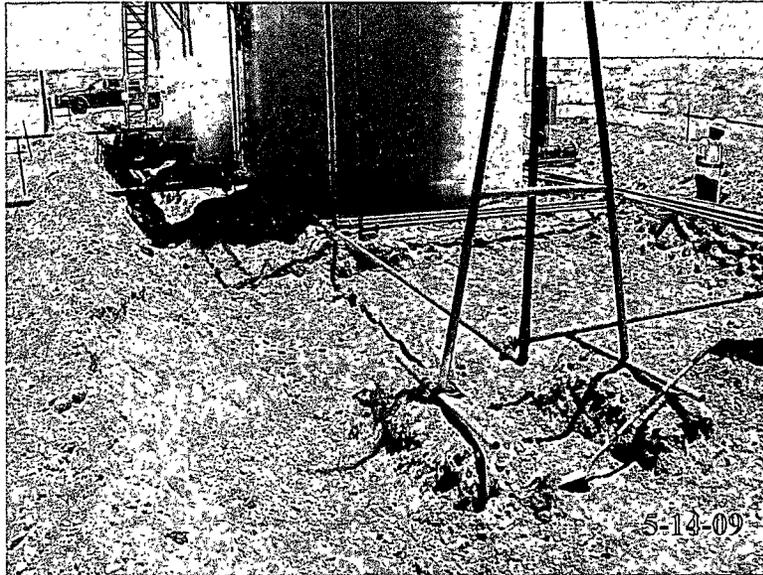


Delineating site with air rotary rig.



After excavation of impacted soil.

Oxy USA – Coyote 21 #2 Battery



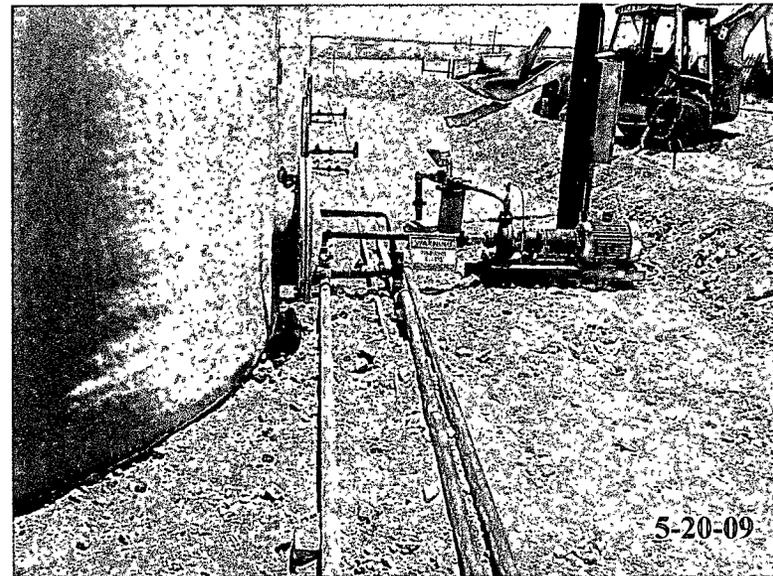
After excavation of impacted soil.



Loading impacted soil on trucks for the disposal.



Backfilling clean native soil into the excavation.



Backfilling clean native soil into the excavation.

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*DIAMOND*

NON-HAZARDOUS WASTE MANIFEST NO **068332** 1. PAGE     OF     2. TRAILER NO.    

GENERATOR	3. COMPANY NAME COYOTE	4. ADDRESS 102 S. Main Street	5. PICK-UP DATE 5/18/2009
	PHONE NO. <u>   </u>	CITY STATE ZIP Carlsbad NM 88220	6. TNRCC I.D. NO. <u>   </u>

NAME	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID. #
		No.	Type			
N	a. Non-Regulated, Non Hazardous Waste	1	CM			
E	b. <u>   </u>					
R	c. <u>   </u>					
A	d. <u>38460 @ 32380 @ 34040</u>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: COYOTE BATTERY	13. WASTE PROFILE NO. 708504
14. IN CASE OF EMERGENCY OR SPILL, CONTACT	
NAME: KIN SLAUGHTER	PHONE NO: 575-887-4048
24-HOUR EMERGENCY NO. <u>   </u>	

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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TRANSPORTER	16. TRANSPORTER (1)	17. TRANSPORTER (2)
	NAME: ELK ENVIRONMENTAL	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:	
18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material	
PRINTED/TYPED NAME <u>Juan Lopez</u>	PRINTED/TYPED NAME <u>   </u>	
SIGNATURE <u>Juan Lopez</u> DATE <u>5/18/2009</u>	SIGNATURE <u>   </u> DATE <u>   </u>	

DISPOSAL SITE	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S: Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 505-887-4048
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PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
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21. DISPOSAL FACILITY'S CERTIFICATION: I hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <u>[Signature]</u>	CELL NO. <u>   </u>	DATE 5/18/2009	TIME 11:05
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*DIAMOND*  
01

<b>NON-HAZARDOUS WASTE MANIFEST</b>	NO <b>068348</b>	1. PAGE <u>    </u> OF <u>    </u>	2. TRAILER NO. <u>01</u>
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<b>G E</b>	3. COMPANY NAME <b>OXY USA</b>	4. ADDRESS <b>102 S. Main Street</b>	5. PICK-UP DATE <b>5/19/2009</b>
	PHONE NO.	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRC I.D. NO.

<b>N E R A</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>	<b>1</b>	<b>CM</b>			
	b.					
	c.					
	d. <b>① 31,640 ② 30,720</b>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>COYOTE 21 #2 BATTERY</b>				13. WASTE PROFILE NO. <b>708504</b>	

<b>14. IN CASE OF EMERGENCY OR SPILL, CONTACT</b>		
NAME <b>KIN SLAUGHTER</b>	PHONE NO <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

**15. GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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<b>T R A N S P O R T E R S</b>	<b>16. TRANSPORTER (1)</b>	<b>17. TRANSPORTER (2)</b>
	NAME: <b>ELK ENVIROMENTAL</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
	EMERGENCY PHONE:	EMERGENCY PHONE:
	<b>18. TRANSPORTER (1):</b> Acknowledgment of receipt of material	<b>19. TRANSPORTER (2):</b> Acknowledgment of receipt of material
	PRINTED/TYPED NAME <u><i>[Signature]</i></u>	PRINTED/TYPED NAME _____
	SIGNATURE <u><i>[Signature]</i></u> DATE <b>5/19/2009</b>	SIGNATURE _____ DATE _____

<b>D F I S P O S I T O R Y</b>	Lea Land, LLC	ADDRESS: Mile Marker 64, U.S.-Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 505-887-4048
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS	

<b>21. DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
AUTHORIZED SIGNATURE <u><i>[Signature]</i></u>	CELL NO. _____	DATE <b>5/19/2009</b>	TIME <b>825</b>

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

046  
0421

<b>NON-HAZARDOUS WASTE MANIFEST</b>		NO <b>068333</b>	1. PAGE ___ OF ___	2. TRAILER NO. <b>0421</b>
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G E	3. COMPANY NAME <b>OKY USA</b>	4. ADDRESS <b>102 S. Main Street</b>	5. PICK-UP DATE <b>5/18/2008</b>
	PHONE NO.	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.

N E R A	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No. Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
	a. <b>Non-Regulated, Non Hazardous Waste</b>	1 CM	<b>27</b>		
	b.				
	c.				
	d. <b>36,880 (2) 35,820 (2) 35,280</b>				
	12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>COYOTE 21 #2 BATTERY</b>	13. WASTE PROFILE NO. <b>708594</b>			

14. <b>IN CASE OF EMERGENCY OR SPILL, CONTACT</b>		
NAME <b>KIN SLAUGHTER</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO. <input checked="" type="checkbox"/>

15. **GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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T R A N S P O R T E R S	16. <b>TRANSPORTER (1)</b>	17. <b>TRANSPORTER (2)</b>
	NAME: <b>ELK ENVIROMENTAL</b>	NAME:
	TEXAS I.D. NO.	TEXAS I.D. NO.
	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:	
18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material	
PRINTED/TYPED NAME: <b>Bobby Aguevold</b>	PRINTED/TYPED NAME: _____	
SIGNATURE: <b>Bobby Aguevold</b> DATE: <b>5/18/2008</b>	SIGNATURE: _____ DATE: _____	

D F I S C P I O L S I T Y	Lea-Land, LLC	ADDRESS: Mile Marker 64; U.S. Hwy 62/180; 30 Miles East of Carlsbad, NM	PHONE: 505-887-4048
	PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS	

21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.			
AUTHORIZED SIGNATURE <b>Daniel C. Ativeros</b>	CELL NO.	DATE <b>5/18/2008</b>	TIME <b>10:10</b>

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*OTL*

**NON-HAZARDOUS WASTE MANIFEST** NO **068349** 1. PAGE \_\_\_ OF \_\_\_ 2. TRAILER NO. **421**

G E	3. COMPANY NAME <b>OXY USA</b> PHONE NO.	4. ADDRESS <b>102 S. Main Street</b> CITY STATE ZIP <b>Carlsbad NM 88220</b>	5. PICK-UP DATE <b>5/19/2009</b>
			6. TNRC I.D. NO.

N E R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
a.	Non-Regulated, Non Hazardous Waste	1	CM			
b.						
c.						
d.	<i>D32,960 @ 29,220</i>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>COYOTE 21 #2 BATTERY</b>	13. WASTE PROFILE NO. <b>708504</b>
--	--

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME <b>KIN SLAUGHTER</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: <b>ELK ENVIROMENTAL</b>	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <i>Bobby Aguero</i> SIGNATURE <i>Bobby Aguero</i> DATE <b>5/19/2009</b>	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____
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Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 505-887-4048
---------------	---	------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
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21. **DISPOSAL FACILITY'S CERTIFICATION:** I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>Diana Lopez</i>	CELL NO.	DATE <b>5/19/2009</b>	TIME <b>8:30</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*PIP*  
*51*

**NON-HAZARDOUS WASTE MANIFEST** NO **068346** 1. PAGE      OF      2. TRAILER NO.     

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>OXY USA</b> PHONE NO.	4. ADDRESS <b>102 S. Main Street</b> CITY STATE ZIP <b>Carlsbad NM 88220</b>	5. PICK-UP DATE <b>5/19/2008</b>
			6. TNRCC I.D. NO.

<b>N E R T I F I C A T I O N</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
a.	<b>Non-Regulated, Non Hazardous Waste</b>	<b>1</b>	<b>CM</b>			
b.						
c.						
d.	<i>① 30,280 ② 29,820</i>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>COYOTE 21 #2 BATTERY</b>	13. WASTE PROFILE NO. <b>708504</b>
--	--

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME <b>KIN SLAUGHTER</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO.

**15. GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: <b>ELK ENVIROMENTAL</b>	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME <u><b>Jose Bizarro</b></u> SIGNATURE <u><i>Jose Bizarro</i></u> DATE <u><b>5/19/2008</b></u>	19. TRANSPORTER (2): Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____
--	--

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 505-887-4048
---------------	---	------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
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**21. DISPOSAL FACILITY'S CERTIFICATION:** I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <u><i>Monica Lopez</i></u>	CELL NO. _____	DATE <b>5/19/2008</b>	TIME <b>8:20</b>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

DHP  
J-1

<b>NON-HAZARDOUS WASTE MANIFEST</b>	NO <b>068329</b>	1. PAGE <u>    </u> OF <u>    </u>	2. TRAILER NO. <u>    </u>
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<b>G E N E R A T O R</b>	3. COMPANY NAME <b>OXY USA</b> PHONE NO. _____	4. ADDRESS <b>102 S. Main Street</b> CITY STATE ZIP <b>Carlsbad NM 88220</b>	5. PICK-UP DATE <b>5/18/2009</b>
	6. TNRCC I.D. NO. _____		

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. <b>Non-Regulated, Non Hazardous Waste</b>	1	CM			
b. _____					
c. _____					
d. <b>① 40,860 ② 37,420 ③ 39,100</b>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: <b>COYOTE 21 #2 BATTERY</b>	13. WASTE PROFILE NO. <b>703594</b>
--	--

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME <b>KIN SLAUGHTER</b>	PHONE NO. <b>575-887-4048</b>	24-HOUR EMERGENCY NO. _____

15. **GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME _____	SIGNATURE _____	DATE _____
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<b>T R A N S P O R T E R S</b>	16. <b>TRANSPORTER (1)</b> NAME: <b>ELK ENVIROMENTAL</b> TEXAS I.D. NO. _____ IN CASE OF EMERGENCY CONTACT: _____ EMERGENCY PHONE: _____	17. <b>TRANSPORTER (2)</b> NAME: _____ TEXAS I.D. NO. _____ IN CASE OF EMERGENCY CONTACT: _____ EMERGENCY PHONE: _____
--	--	--

18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME <b>Jose Bizarano</b> SIGNATURE <b>Jose Bizarano</b> DATE <b>5/18/2009</b>	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE _____
--	---

<b>Lea Land, LLC</b>	ADDRESS: <b>Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM</b>	PHONE: <b>505-887-4048</b>
----------------------	---	-------------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS _____
---	-----------------------

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <b>Bernardo Gutierrez</b>	CELL NO. _____	DATE <b>5/18/2009</b>	TIME <b>10:00</b>
---	-------------------	--------------------------	----------------------

# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*FRANCO*

**NON-HAZARDOUS WASTE MANIFEST** NO **068347** 1. PAGE      OF      2. TRAILER NO.     

G E N E R A T O R	3. COMPANY NAME <b>OKY USA</b> PHONE NO.	4. ADDRESS 102 S. Main Street CITY STATE ZIP Carlsbad NM 88220	5. PICK-UP DATE 6/19/2009
			6. TNRCC ID. NO.

N E R A T O R	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
a.	Non-Regulated, Non-Hazardous Waste	1	CM			
b.						
c.						
d.	<i>① 32,520 ② 39,040</i>					

12. COMMENTS OR SPECIAL INSTRUCTIONS: COYOTE 21 #2 BATTERY	13. WASTE PROFILE NO. 708594
---	---------------------------------

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME FIN SLAUGHTER	PHONE NO. 575-887-4048	24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
--------------------	-----------	------

16. <b>TRANSPORTER (1)</b> NAME: <i>ELK ENVIRONMENTAL</i> TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	17. <b>TRANSPORTER (2)</b> NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:
---	--

18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME: <i>Baltazor Franco</i> SIGNATURE: <i>Baltazor Franco</i> DATE: <i>6/19/2009</i>	19. <b>TRANSPORTER (2):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME: _____ SIGNATURE: _____ DATE: _____
---	--

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 505-887-4048
---------------	---	------------------------

PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS
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21. **DISPOSAL FACILITY'S CERTIFICATION:** I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <i>Oliver Lopez</i>	CELL NO.	DATE 6/19/2009	FIME <i>825</i>
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# LEA LAND DISPOSAL SITE NEW MEXICO

MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (505) 887-4048

## LEA LAND, LLC

1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257

*Franko*

**NON-HAZARDOUS WASTE MANIFEST** NO **068330** 1. PAGE    OF    2. TRAILER NO.   7  

<b>G E N E R A T O R</b>	3. COMPANY NAME <b>OXY USA</b>	4. ADDRESS <b>102 S. Main Street</b>	5. PICK-UP DATE <b>5/18/2009</b>
	PHONE NO.	CITY STATE ZIP <b>Carlsbad NM 88220</b>	6. TNRCC I.D. NO.

<b>N E W M E X I C O</b>	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
		No.	Type			
<b>a</b>	Non-Regulated, Non Hazardous Waste	1	CM			
<b>b</b>						
<b>c</b>	<b>41560 (2) 37,680 (3) 39,340</b>					
<b>d</b>	COYOTE 21 #2 BATTERY					<b>70959</b>

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
---------------------------------------	-----------------------

<b>14. IN CASE OF EMERGENCY OR SPILL, CONTACT</b>		
NAME	PHONE NO	24-HOUR EMERGENCY NO.

**15. GENERATOR'S CERTIFICATION:** I Herby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE
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<b>16. TRANSPORTER (1)</b> NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	<b>17. TRANSPORTER (2)</b> NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:
--	--

<b>18. TRANSPORTER (1):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME <u><i>Baltazar Z Franko</i></u> 5/18/2009 SIGNATURE <u><i>Baltazar Z Franko</i></u> DATE	<b>19. TRANSPORTER (2):</b> Acknowledgment of receipt of material PRINTED/TYPED NAME _____ SIGNATURE _____ DATE
---	---

<b>D I S P O S I T O R</b>	ADDRESS: <b>Lea Land, LLC</b> <b>Mile Marker 64, U.S. Hwy 62/180,</b> <b>30 Miles East of Carlsbad, NM</b>	PHONE: <b>505-887-4048</b>
--	---	-------------------------------

PERMIT NO. <b>WM-01-035 - New Mexico</b>	20. COMMENTS
---	--------------

**21. DISPOSAL FACILITY'S CERTIFICATION:** I Herby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE <u><i>Baltazar Z Franko</i></u>	CELL NO.	DATE <b>5/18/2009</b>	TIME <b>1000</b>
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# Analytical Report 322202

for

**Elke Environmental, Inc.**

**Project Manager: Logan Anderson**

**Oxy USA**

**13-JAN-09**



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

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

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 - Tampa - Miami - Latin America  
Midland - Corpus Christi - Atlanta



13-JAN-09

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

Reference: XENCO Report No: **322202**  
**Oxy USA**  
Project Address: Coyote 21 # 2 Batt

**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 322202. 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. 322202 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 322202**



**Elke Environmental, Inc., Odessa, TX**  
Oxy USA

<b>Sample Id</b>	<b>Matrix</b>	<b>Date Collected</b>	<b>Sample Depth</b>	<b>Lab Sample Id</b>
SB-1 @ 10'	S	Jan-07-09 16:25	10 ft	322202-001
SB-2 @ 15'	S	Jan-07-09 17:30	15 ft	322202-002
SB-3 @ 10'	S	Jan-07-09 17:51	10 ft	322202-003



# Certificate of Analysis Summary 322202

Elke Environmental, Inc., Odessa, TX

Project Name: Oxy USA



Project Id:

Contact: Logan Anderson

Project Location: Coyote 21 # 2 Batt

Date Received in Lab: Fri Jan-09-09 05:02 pm

Report Date: 13-JAN-09

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	322202-001	322202-002	322202-003			
	<i>Field Id:</i>	SB-1 @ 10'	SB-2 @ 15'	SB-3 @ 10'			
	<i>Depth:</i>	10 ft	15 ft	10 ft			
	<i>Matrix:</i>	SOIL	SOIL	SOIL			
	<i>Sampled:</i>	Jan-07-09 16:25	Jan-07-09 17:30	Jan-07-09 17:51			
<b>Anions by EPA 300</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-12-09 16:19	Jan-12-09 16:19	Jan-12-09 16:19			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		91.4 5.11	146 5.14	199 5.11			
<b>Percent Moisture</b>	<i>Extracted:</i>						
	<i>Analyzed:</i>	Jan-12-09 11:30	Jan-12-09 11:30	Jan-12-09 11:30			
	<i>Units/RL:</i>	% RL	% RL	% RL			
Percent Moisture		2.13 1.00	2.70 1.00	2.16 1.00			
<b>TPH By SW8015 Mod</b>	<i>Extracted:</i>	Jan-12-09 13:00	Jan-12-09 13:00	Jan-12-09 13:00			
	<i>Analyzed:</i>	Jan-12-09 19:18	Jan-12-09 19:40	Jan-12-09 20:03			
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL			
C6-C12 Gasolme Range Hydrocarbons		ND 15.3	ND 15.4	ND 15.3			
C12-C28 Diesel Range Hydrocarbons		ND 15.3	30.1 15.4	ND 15.3			
C28-C35 Oil Range Hydrocarbons		ND 15.3	22.3 15.4	ND 15.3			
Total TPH		ND 15.3	52.4 15.4	ND 15.3			

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 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.
- \* Outside XENCO's scope of NELAC Accreditation.

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 9701 Harry Hines Blvd , Dallas, TX 75220  
 5332 Blackberry Drive, San Antonio TX 78238  
 2505 North Falkenburg Rd, Tampa, FL 33619  
 5757 NW 158th St, Miami Lakes, FL 33014  
 12600 West I-20 East, Odessa, TX 79765  
 842 Cantwell Lane, Corpus Christi, TX 78408

Phone	Fax
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(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



# Form 2 - Surrogate Recoveries

Project Name: Oxy USA

Work Orders : 322202,

Project ID:

Lab Batch #: 746298

Sample: 322199-001 S / MS

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	119	100	119	70-135	
o-Terphenyl	56.5	50.0	113	70-135	

Lab Batch #: 746298

Sample: 322199-001 SD / MSD

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	122	100	122	70-135	
o-Terphenyl	58.6	50.0	117	70-135	

Lab Batch #: 746298

Sample: 322202-001 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	97.3	100	97	70-135	
o-Terphenyl	48.1	50.0	96	70-135	

Lab Batch #: 746298

Sample: 322202-002 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	107	100	107	70-135	
o-Terphenyl	52.9	50.0	106	70-135	

Lab Batch #: 746298

Sample: 322202-003 / SMP

Batch: 1 Matrix: Soil

Units: mg/kg

### SURROGATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	99.6	100	100	70-135	
o-Terphenyl	49.0	50.0	98	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: Oxy USA

Work Orders : 322202,

Project ID:

Lab Batch #: 746298

Sample: 522806-1-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	120	100	120	70-135	
o-Terphenyl	62.2	50.0	124	70-135	

Lab Batch #: 746298

Sample: 522806-1-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	101	100	101	70-135	
o-Terphenyl	51.7	50.0	103	70-135	

Lab Batch #: 746298

Sample: 522806-1-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	117	100	117	70-135	
o-Terphenyl	55.8	50.0	112	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: Oxy USA

Work Order #: 322202

Project ID:

Lab Batch #: 746220

Sample: 746220-1-BKS

Matrix: Solid

Date Analyzed: 01/12/2009

Date Prepared: 01/12/2009

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

## BLANK /BLANK SPIKE RECOVERY STUDY

Anions by EPA 300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	9.99	100	90-110	

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

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



# BS / BSD Recoveries



**Project Name: Oxy USA**

**Work Order #: 322202**

**Analyst: BHW**

**Lab Batch ID: 746298**

**Units: mg/kg**

**Date Prepared: 01/12/2009**

**Sample: 522806-1-BKS**

**Batch #: 1**

**Project ID:**

**Date Analyzed: 01/12/2009**

**Matrix: Solid**

## 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	971	97	1000	950	95	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	1020	102	1000	997	100	2	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 #: 322202

Lab Batch #: 746220

Project ID:

Date Analyzed: 01/12/2009

Date Prepared: 01/12/2009

Analyst: LATCOR

QC- Sample ID: 322199-001 S

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

## MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Chloride	341	205	529	92	80-120	

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: Oxy USA

Work Order #: 322202

Project ID:

Lab Batch ID: 746298

QC- Sample ID: 322199-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 01/13/2009

Date Prepared: 01/12/2009

Analyst: BHW

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	1030	954	93	1030	974	95	2	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1030	1020	99	1030	1040	101	2	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 Applicable  
N = See Narrative, EQL = Estimated Quantitation Limit



# Sample Duplicate Recovery



Project Name: Oxy USA

Work Order #: 322202

Lab Batch #: 746220  
Date Analyzed: 01/12/2009  
QC- Sample ID: 322199-001 D  
Reporting Units: mg/kg

Date Prepared: 01/12/2009  
Batch #: 1

Project ID:  
Analyst: LATCOR  
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by EPA 300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	341	343	1	20	

Lab Batch #: 746179  
Date Analyzed: 01/12/2009  
QC- Sample ID: 322201-001 D  
Reporting Units: %

Date Prepared: 01/12/2009  
Batch #: 1

Analyst: WRU  
Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	3.45	3.35	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**  
 Variance/ Corrective Action Report- Sample Log-In

Client: Eike Env.  
 Date/ Time: 19 Oct 17 02  
 Lab ID #: 372302  
 Initials: CL

**Sample Receipt Checklist**

			Client Initials		
1	Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	No	5.5 °C	
2	Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	No		
3	Custody Seals intact on shipping container/ cooler?	Yes	No	Not Present	
4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	No	Not Present	
5	Chain of Custody present?	<input checked="" type="checkbox"/> Yes	No		
6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	No		
8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	No	ID written on Cont./ Lid	
9	Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	No	Not Applicable	
10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
11	Containers supplied by ELOT?	<input checked="" type="checkbox"/> Yes	No		
12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	No	See Below	
13	Samples properly preserved?	<input checked="" type="checkbox"/> Yes	No	See Below	
14	Sample bottles intact?	<input checked="" type="checkbox"/> Yes	No		
15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	No		
17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	No	See Below	
18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/> 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

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  
220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-141  
Revised October 10, 2003

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

DEC - 2 2008

OCD-ARTESIA

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 Beard
Address 102 S Main Carlsbad, NM 88220	Telephone No. (O) 505-887-8337 C) 575-390-1903
Facility Name Coyote 21-2	Facility Type Well with Battery

Surface Owner BLM	Mineral Owner BLM	Lease No.
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COYOTE 21 002  
30-015-29864

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	21	24S	29E					Eddy

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 170 bbls	Volume Recovered 160 bbls
Source of Release discharge line	Date and Hour of Occurrence	Date and Hour of Discovery 11-24-08
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Sherry Bohnam- NMOCD Jim Amos- BLM	
By Whom? Kelton Beard	Date and Hour See above	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

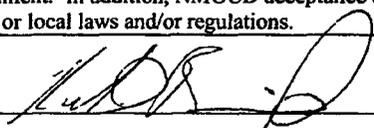
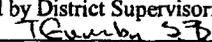
If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*  
Hole in steel discharge line corroded and released PW

Describe Area Affected and Cleanup Action Taken.\*  
Area affected was inside the berm. A vac-truck was called. Delineation will occur and a work plan will be submitted for approval

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.

OIL CONSERVATION DIVISION

Signature: 	Approved by District Supervisor: 		<input checked="" type="checkbox"/> Remediation Actions to be completed and Final C-141 submitted with confirmation analyses/documentation on or before the Expiration Date.
Printed Name: Kelton Beard	Approval Date: 12-3-08	Expiration Date: 02-03-09	
Title: HES Specialist	Conditions of Approval: Within 30 days, on or before 01-05-09, completion of a remediation work plan based on delineation should be finalized and submitted for approval to the Division summarizing all actions taken and/or to be taken to mitigate environmental damage.		Attached <input checked="" type="checkbox"/> 2 RP-280
E-mail Address: kelton.beard@oxy.com			
Date: 12-1-08			

\* Attach Additional Sheets If Necessary

Notify OCD 48 hours prior to obtaining samples where analyses are to be presented to OCD.