Bratcher, Mike, EMNRD

From:Bratcher, Mike, EMNRDSent:Wednesday, June 26, 2013 3:53 PMTo:'Amos, James'; Kimberly M. WilsonCc:Christopher_Jones@oxy.com; David AdkinsSubject:RE: OXY USA Old Ranch Canyon Federal #1

OCD concurs. Please proceed.

Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210 O: 575-748-1283 X108 C: 575-626-0857 F: 575-748-9720

From: Amos, James [mailto:jamos@blm.gov]
Sent: Wednesday, June 26, 2013 3:27 PM
To: Kimberly M. Wilson
Cc: Bratcher, Mike, EMNRD; <u>Christopher Jones@oxy.com</u>; David Adkins
Subject: Re: OXY USA Old Ranch Canyon Federal #1

Have at it. Thanks

J. Amos

On Wed, Jun 26, 2013 at 1:59 PM, Kimberly M. Wilson <<u>kwilson@talonlpe.com</u>> wrote:

Reference: OXY USA * Old Ranch Canyon 7 Federal 1 * 30-015-28011 * B-7-22s-24e * Eddy County, New Mexico OCD Tracking Number: 2RP-1593 * Date of Release: 3/12/2013 *

Gentlemen please find attached the confirmation samples on the above referenced location. We would like backfilling this location tomorrow, Thursday June 26, 2013.

Kimberly M. Wilson

Project Manager

Talon/LPE

408 West Texas Avenue

1

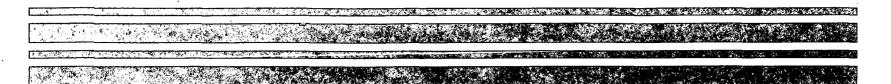
Artesia, New Mexico 88210 Office: 575.746.8768 Fax: 575.746.8905 Cell: 575.602.3826 Emergency: 866.742.0742 Email: <u>kwilson@talonlpe.com</u> Web: <u>www.talonlpe.com</u>



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist Staples Foundation for Learning Hall of Fame Recipient:2010 ICIC and Business Week- ¹op 100: 2010, 2009, 2008, 2007, 2006 Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

2

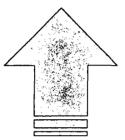
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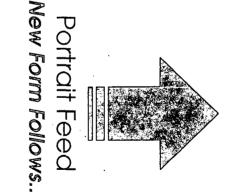
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AMARILLO 921 North Bivins Amarillo. Texas 79107 Phone 806.467.0607 Fax 806.467.0622

ARTESIA

408 West Texas Ave. Artesia, New Mexico 88210 Phone 575.746.8768 Fax 575.746.8905

> AUSTIN 9II West Anderson Lane Suite 202 Austin, Texas 78757

Phone 512.989.3428 Fax 512.989.3487

HOBBS 318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658

> MIDLAND 290I State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180

SAN ANTONIO Il Commercial Place Schertz, Texas 78154 Phone 210.265.8025 Fax 210.568.2191

TULSA 525 South Main Street Suite 535 Tulsa, Oklahoma 74103 Phone 918.742.0871 Fax 918.382.0232

ENVIRONMENTAL CONSULTING ENGINEERING DRILLING CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING

Toll Free: 866.742.0742 www.talonlpe.com July 2, 2013

Mr. Mike Bratcher NMOCD District 2

811 S. 1st Street Artesia, NM 88210

Subject:

Remediation and Closure Report Oxy Permian LTD Old Ranch Canyon 7 Federal No. 1 API # 30-015-28011 – 2RP-1593

Dear Mr. Bratcher,

Oxy Permian LTD has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Old Ranch Canyon 7 Federal No. 1 release. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

Incident Date

March 12, 2013

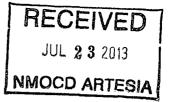
Background Information

The Old Ranch Canyon 7 Federal No. 1 is located approximately thirty-eight (38) miles southwest of Artesia, New Mexico. The legal location for the site is Section 7, Township 22 South and Range 24 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.410710 North and -104.5342 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Reeves-Reagan loam with a 0 to 3 percent slopes. The local surface and shallow geology, Paleozoic Age sedimentary deposits, is comprised of residuum weathered gypsum which includes alluvium and eolian sand soils under lain by gypsiferous material, clay loam and hard caliches. The New Mexico State Engineer web site indicates the nearest ground water data to be in S19-T22S-R24E. The ground water in Section 19 is reported to be a depth of 218' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

Depth to ground water	>100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'



Incident Description

On March 12, 2013 a 6-inch steel flow line was found to be leaking due to corrosion causing a release of 60 barrels of produced water. A vac truck was immediately called to the location and recovered 25 barrels. The flow line was isolated, drained of all fluids, replaced and returned to service. The spill area measures approximately 300-feet long by 20 to 3 feet wide in areas. A site plan is attached.

Remedial Actions Taken

On May 21, 2013 Talon personnel mobilized to the site to begin excavation of the impacted areas in accordance with the approved work plan. The impacted areas were excavated to a depth of 1-foot deep and transported to Lea Land LLC, an approved NMOCD disposal facility.

On June 12, 2013 Talon personnel mobilized to the site to begin closure soil sampling activities on the bottom of the excavation per NMOCD requirements. Grab soil samples were collected and submitted for laboratory analysis.

Soils samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided glassware, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, volatile organics (BTEX) using EPA Method 8021B and Chlorides via Method SM4500Cl-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

June 24, 2013 Report Date

Sample	Depth	<u>BTEX</u>	Chlorides	<u>TPH</u> mg/kg
S-1	1'	<0.300	144	<10
S-4	1'	<0.300	208	<10

Summary and Conclusions

- Ground water in the project vicinity is 218-feet below land surface per the New Mexico State Engineer Database.
- The impacted soil was excavated to a depth of 1-foot deep in the vicinity of sample locations S-1 and S-4. The impacted soil was transported to a NMOCD approved solid waste disposal facility, Lea Land LLC.

- Upon NMOCD's approval of the confirmation samples, the excavated area was backfilled to grade using new material transported from a local borrow pit.
- The excavated areas were contoured to match existing terrain. The areas were seeded using BLM Falcon Rocky seed mixture. The seeding label is attached.
- Based on the depth to groundwater, it is unlikely that the impacts identified from this release will pose a threat to groundwater after remediation activities were complete.

Closure

Therefore, on behalf of Oxy Permian LTD, we respectfully request that no further actions be required and that closure with respect to this release be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575.746.8768.

Respectfully submitted,

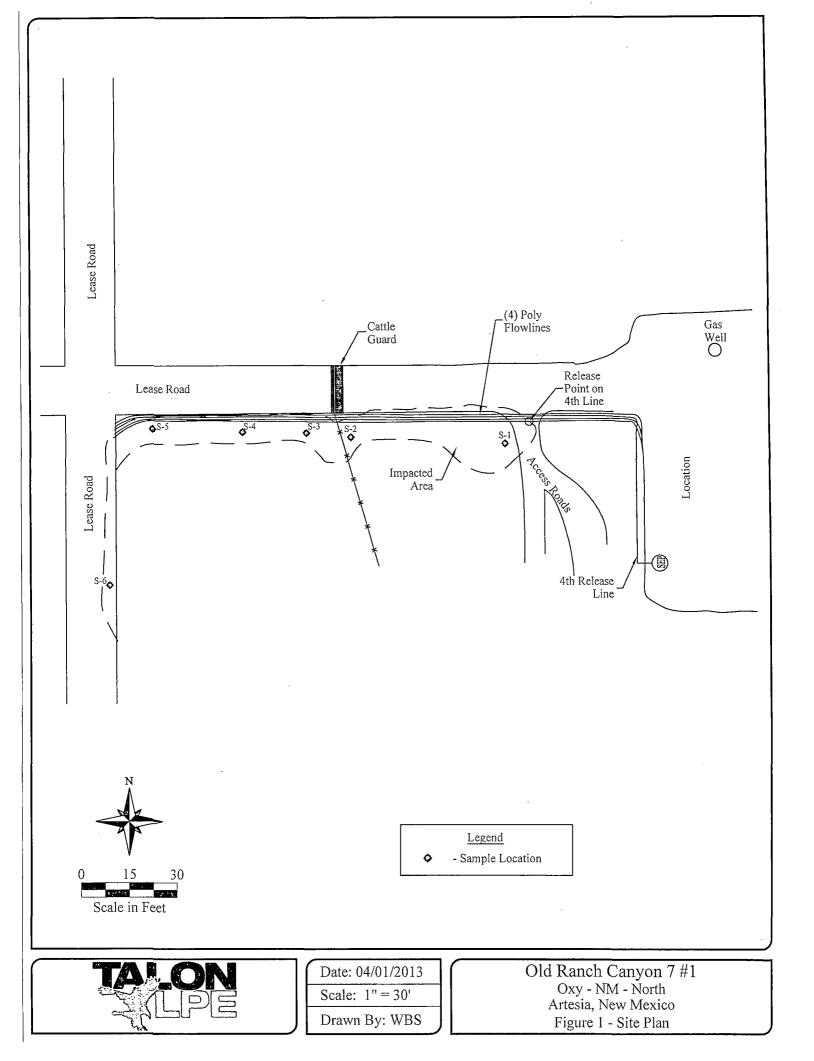
TALON/LPE

- M. Wilson

Kimberly M. Wilson Project Manager

David J. Adkins District Manager

SITE MAP



APPENDIX I

GROUNDWATER DATA



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW###### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)	· · ·				E 3=SW 4 argest)	,	3 UTM in me	ters)	(1	n feet)	
	POD		QQ	Q						Depth	Depth Wa	ter
POD Number	Code Subbasin	County	64 16	4 Sec	: Tws	Rnġ	х	Y	Distance	Well	Water Colu	imn
C 02406	С	ED		3 08	22S	24E	544703	3585071*	2156	155		
C 02357		ED	43	3 19	22S	24E	543063	3581542*	4630	278	218	60
								Avera	ge Depth to	Water:	218 feet	
									Minimum	Depth:	218 feet	
									Maximum	Depth:	218 feet	
Record Count: 2	0								·		· .	

UTMNAD83 Radius Search (in meters):

Easting (X): 542846

Northing (Y): 3586167

Radius: 5000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

APPENDIX II

LABORATORY RESULTS



June 24, 2013

DAVID ADKINS TALON LPE 408 W. TEXAS AVE. ARTESIA, NM 88210

RE: OLD RANCH CANYON 7 #1

Enclosed are the results of analyses for samples received by the laboratory on 06/18/13 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab accredited certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	06/18/2013	Sampling Date:	06/12/2013
Reported:	06/24/2013	Sampling Type:	Soil
Project Name:	OLD RANCH CANYON 7 #1	Sampling Condition:	Cool & Intact
Project Number:	700608.083.01	Sample Received By:	Daniel Wade
Project Location:	B-7-22-24		

Sample ID: S-1 (H301401-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2013	ND	1.81	90.7	2.00	8.53	
Toluene*	<0.050	0.050	06/21/2013	ND	1.95	97.5	2.00	7.49	
Ethylbenzene*	<0.050	0.050	06/21/2013	ND	2.11	106	2.00	7.27	
Total Xylenes*	<0.150	0.150	06/21/2013	ND	6.35	106	6.00	6.93	
Total BTEX	<0.300	0.300	06/21/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 %	% 89.4-12	6			<u> </u>			
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/20/2013	ND	432	108	400	3.77	
ТРН 8015М	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/20/2013	ND	220	110	200	1.01	
DRO >C10-C28	<10.0	10.0	06/20/2013	ND	231	116	200	0.0575	
Surrogate: 1-Chlorooctane	86.0	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	90.5	% 63.6-15	4						

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*=Accredited Analyte

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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 745-8905

Received:	06/18/2013	Sampling Date:	06/12/2013
Reported:	06/24/2013	Sampling Type:	Soil
Project Name:	OLD RANCH CANYON 7 #1	Sampling Condition:	Cool & Intact
Project Number:	700608.083.01	Sample Received By:	Daniel Wade
Project Location:	B-7-22-24		

Sample ID: S-4 (H301401-02)

,

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2013	ND	1.81	90.7	2.00	8.53	
Toluene*	<0.050	0.050	06/21/2013	ND	1.95	97.5	2.00	7.49	
Ethylbenzene*	<0.050	0.050	06/21/2013	ND	2.11	106	2.00	7.27	
Total Xylenes*	<0.150	0.150	06/21/2013	ND	6.35	106	6.00	6.93	
Total BTEX	<0.300	0.300	06/21/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS ·	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/20/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/20/2013	ND	220	110	200	1.01	
DRO >C10-C28	<10.0	10.0	06/20/2013	ND	231	116	200	0.0575	
Surrogate: 1-Chlorooctane	90.6	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	94.0	% 63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

	Samples reported on an as received basis (wet) unless otherwise noted on report
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
***	Insufficient time to reach temperature.
**	Samples not received at proper temperature of 6°C or below.
RPD	Relative Percent Difference
ND	Analyte NOT DETECTED at or above the reporting limit

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 5

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 5 of 5

Kimberly M. Wilson

From:	Amos, James [jamos@blm.gov]
Sent:	Wednesday, May 22, 2013 7:26 AM
To:	Kimberly M. Wilson
Cc:	Christopher_Jones@oxy.com; Chancey_Summers@oxy.com; David Adkins
Subject:	Re: Old Ranch Canyon 7 Federal #1 30-015-28011 B-7-22S-24E

Kimberly, The BLM is in agreement with OCDs findings and stipulations, and will approve the work plan with the conditions that the composite samples be taken from the bottom of the excavation and be tested for TPH ans BTEX, with copy of the findings submitted to BLM prior to backfill. Keep me in the loop as far as start and sampling. thanks

On Tue, May 21, 2013 at 3:11 PM, Kimberly M. Wilson <<u>kwilson@talonlpe.com</u>> wrote:

Mr. Amos:

Please find attached the work plan, site map, initial C-141, lab data and the notification with stipulations from Mike Bratcher, of the OCD, on the above referenced location.

Thank you.

Respectfully,

Kimberly M. Wilson

Environmental Scientist

Talon/LPE

408 West Texas Avenue

Artesia, New Mexico 88210

Office: 575.746.8768

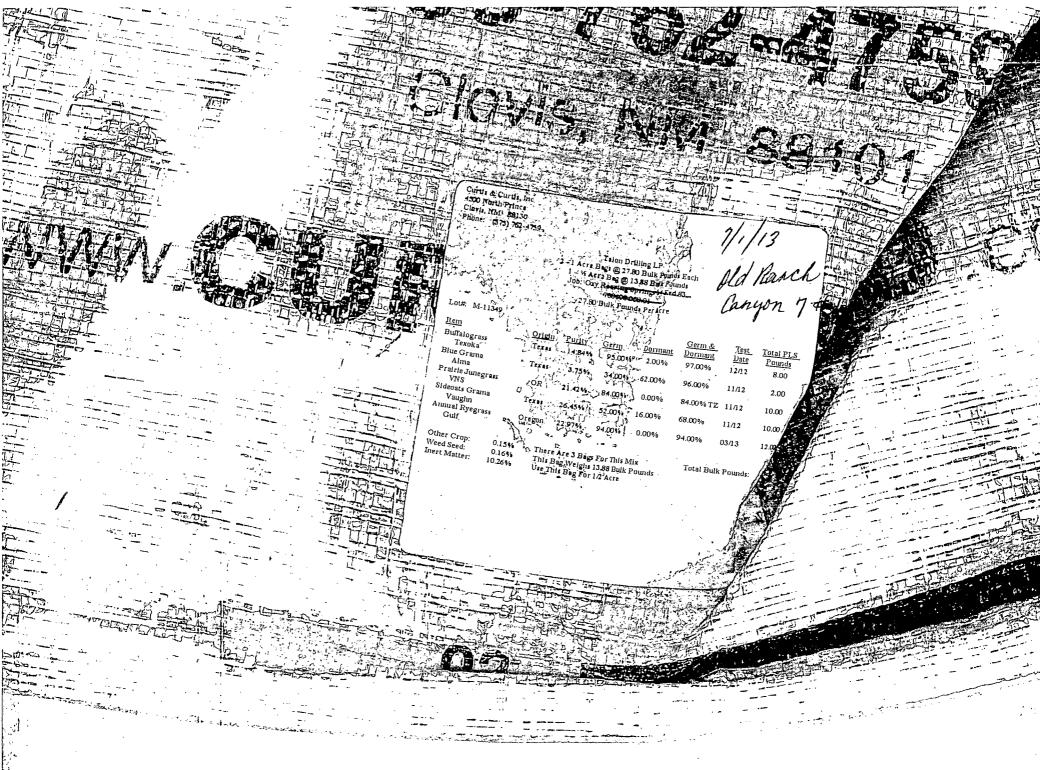
Fax: 575.746.8905

Cell: 575.602.3826

Emergency: 866.742.0742

SEEDING LABEL

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FINAL C-141

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District I 1625 N. French Dr., Hobbs, NM 88240		f New Mexico	1111	9 2012	Form C-141
<u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210	Energy Mineral	s and Natural Resource		3 2013	Revised October 10, 2003
District III 000 Rio Brazos Road, Aztec, NM 87410	Oil Cons	ervation Division	NMOCD	ARTES	ii 2 Copies to appropriate utict Office in accordance
<u>Vistrict IV</u>		th St. Francis Dr.			with Rule 116 on back side of form
220 S. St. Francis Dr., Santa Fe, NM 87505	Santa	Fe, NM 87505			Side of form
Re	lease Notification	on and Correctiv	ve Action		_
Name of Company : Oxy Permian LTD	(102462)	OPERATOR		Initial Rep	ort 🛛 Final Report
Address : 1502 W. Commerce, Carlsbad		Contact : Chris Jones Telephone No. : 575-6			······
Facility Name : Old Ranch Canyon 7 Federa	·	Facility Type: Well			
Surface Owner : Federal	Mineral Owner	Antonia		API#: Lease 2RP-1593	#: 30-015-28011
· · · · · · · · · · · · · · · · · · ·	LOCATIO	ON OF RELEASE			
Unit Letter Section Township Range	and the second	h/South Line Feet from	the East/W	est Line Cour	ity: Eddy
B 7 22S 24E	660' Nor	h. 1980'	East		
			l		
La	titude <u>N 32,41071</u>	_Longitude <u>W-104.</u>	5342		
Type of Release : Produced Water	NATURI	E OF RELEASE Volume of Release : 6	0 bble	Volume Recove	red: 25 hbls
Source of Release : Production Line	<u></u>	Date and Hour of Occu			of Discovery: 3/12/2013
Vas Immediate Notice Given?		3/12/2013 If YES, To Whom?			
	🗌 No 🔲 Not Required		BLM/Jim An	105	
By Whom: Nick Borovsky 575-200-7291	· · · · · · · · · · · · · · · · · · ·	Date and Hour : 3/12/2			
Was a Watercourse Reached?		If YES, Volume Impac	cting the Water	course.	
f a Watercourse was Impacted, Describe Fully	<i>t.</i> *				
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Describe Cause of Problem and Remedial Act of produced water. A vac truck was immediate and returned to service. The spill area measure	ely called to the location a	and recovered 25 barrels. T	The flow line w		
of produced water. A vac truck was immediate and returned to service. The spill area measure Describe Area Affected and Cleanup Action T	ely called to the location a s approximately 300-feet aken.* Talon/LPE was o	and recovered 25 barrels. T long by 20 to 3 feet wide in contracted for the correction	The flow line w n areas. n of this release	as isolated, drai	ned of all fluids, replaced area from sample
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