

December 6, 2012

Mr. Mike Bratcher **NMOCD District 2** 811 S. 1st Street Artesia, NM 88210

DEC 11 2012 NMOCD ARTESIA

RECEIVED

AMARILLO 92I 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 5I2.989.3428 Fax 5I2.989.3487

HOBBS

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

MIDLAND

2901 State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180

SAN ANTONIO

II 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

Subject: Remediation and Closure Report

Devon Energy

Strawberry 7 Federal No. 2 API # 30-015-32375 2RP-1152

Dear Mr. Bratcher,

Devon Energy had contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Strawberry 7 Federal No. 2. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

Background Information

The Strawberry 7 Federal No. 2 is located approximately thirty-eight (38) miles southeast of Artesia, New Mexico. The legal location for the site is Section 7, Township 19 South and Range 31 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the location are 32.678618 North and 103.9058936 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 Potter-Simona complex with 5 to 25 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of loamy alluvium and eolian sands which includes silty soils under lain by hard caliches. Drainage courses in this area are normally dry. According to the Texaco/Chevron Eddy Co. Water Trend Data Map (2005) the depth to groundwater is approximately 150-feet deep.

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'

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742 www.talonlpe.com

Incident Description

On May 11, 2012 a test heater vent malfunctioned causing the heater to bypass gas to the oil stock tank and the tank released oil out of the thief hatch. The pressure blew out the gasket on the waterleg and sprayed oil on the heater and the surrounding area. A total of 30 barrels of oil was also released inside the bermed area of the tank battery. A vacuum truck was immediately called to the location and recovered 26 barrels of standing fluid. A site plan illustrating the work area is attached.

Remedial Actions Taken

On August 20, 2012 Talon personnel mobilized to the site to begin excavation of the impacted area in accordance with the approved work plan. The impacted soil within the area of the release was excavated to a depth of 3-4 feet and transported to a NMOCD approved solid waste disposal facility, CRI, pursuant to the work plan. The excavated area was left open until approval to backfill was obtained from the BLM.

On October 11, 2012 Talon personnel mobilized to the site to begin closure soil sampling activities on the bottom and sidewalls of the excavation per the BLM and OCD requirements. Grab soil samples were collected and submitted for laboratory analysis.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, 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, and volatile organics (BTEX) using EPA Method 8021B. The chlorides were analyzed per SM4500Cl-B. The complete laboratory reports are attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

October 17, 2012

<u>Sample</u>	<u>BTEX</u>	Chlorides	TPH (mg/kg)
G 2	10.150	226	220
S-3	< 0.150	336	330
S-4	< 0.150	320	15.7
S-5	< 0.150	32	<10
S-6	< 0.150	480	<10
S-7	< 0.150	32	62.2
S-8	< 0.150	144	2750
S-9	< 0.150	256	<10
S-10	< 0.150	208	<10
S-11	< 0.150	112	<10
S-12	< 0.150	128	78.4
S-13, 0.5'		<16	
S-14, 0.5'		352	
Analyte Not	Tested		

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 5,000 mg/kg. The chloride remediation standard is considered to be 1,000 mg/kg.

Summary and Conclusions

- Ground water in the project vicinity is approximately 150-feet below land surface.
- The impacted soil from this release was excavated from 3-feet to 4-feet deep. The
 excavated soil was transported to a NMOCD approved solid waste disposal facility,
 CRI.
- BLM granted approval to backfilled the excavated area to grade using new material transported from a local borrow pit. The areas were contoured to match the existing terrain and seeded using the recommended seed mixture.
- Based on the depth to groundwater and the remedial actions implemented, it is unlikely that the impacts identified from this release will pose a threat to groundwater.

Closure

On behalf of Devon Energy Corporation, we respectfully request that no further actions be required and that closure with respect to this release be granted.

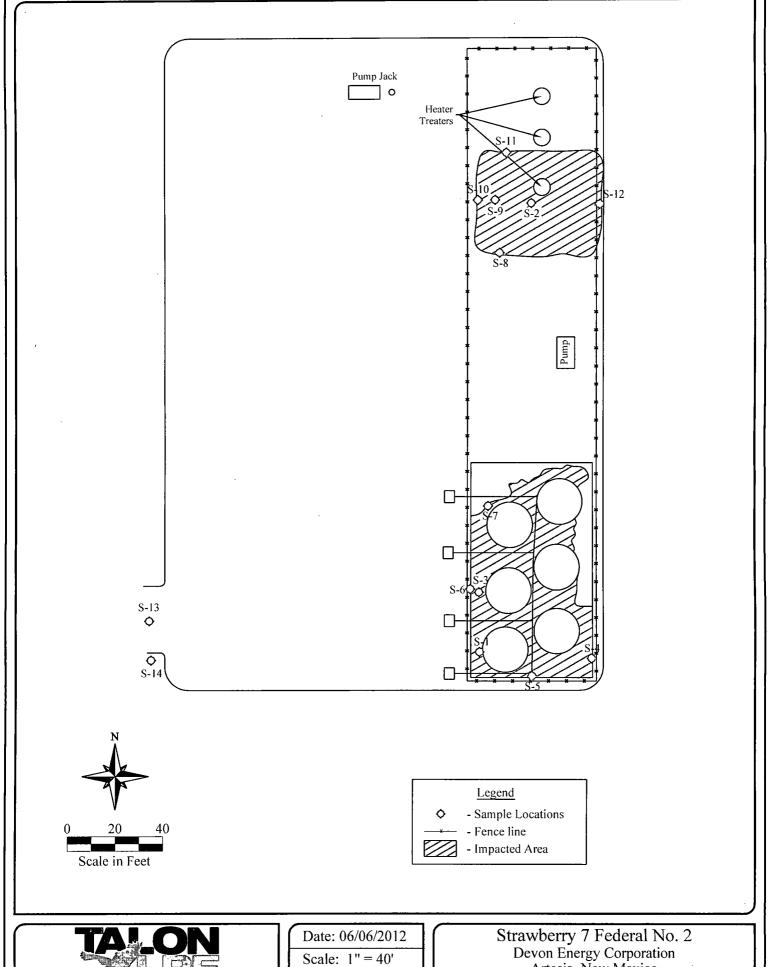
If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

Mike Stubblefield Project Manager David J. Adkins
District Manager

SITE MAP





Drawn By: TJS

Strawberry 7 Federal No. 2
Devon Energy Corporation
Artesia, New Mexico Figure 1 - Site Plan

APPENDIX I SEEDING LABELS

Curtis & Cui Is Seed 4200 N. Frince. Clovis, NM 88101 Physic 575-752-4759

Tule.1 Drilling LP

5 Acre BLM #3 & #4, Broadcast Rate
6 -1/2 Acre Ba.5 @ 23,47 Bulk Pounds
cob: Strawberry 7 Fed #2
B-7-198-31E
T0794021.02

at#	7/5-7	17.4	8

Tot#: W-11148				S.	Germ &	Test Total P. S
	Origin	Purity	Germ	Dormant	Dormant	Date Pounds
Sideoats Grima	New Mexico	40.30%	73.00%	1.00%	74.00%	09/12 , 42.0
Vaughn Blue Grama	. Colorain	1219%	57,6233	21.00%	78.00%	ns/12 9.00
Lovington Alkali Sacaton	New Merico	141%	21.0095	75.00%	96.00%	03/12 6.06
VNS Four Wing Saltbush	New Mexico	35.51%	·34.6055	26.00%	60.00%	01/21 30:00
VNS	,	٠.	**	*		

Other Crop: 00.05% Weed Seed: 00.32% Inert Matter: 11.19%

There 1: 6 Bags For This Mix This Bag Weighs 23.47 Bulk Pounds Use This Bag For 1/2 Acres Total Brik Pounds: 141

Curtis & Curtis Seed 4500 N. Prince Clovis, NM 88101 Phone: 575-762-4759

Talon Drilling LP 3 Acre BLM #3 & #4, Broadcast Rate 6-1/2 Acre Bags @ 23.47 Bulk Pounds Job: Strawberry 7 Fed #2 B-7-198-31E 700 794.027.02

Lot# M-11148

110tm 1111110								
Item	Origin	Purity	Germ	Dormant	Germ & Dormant	Test Date	Total PLS Pounds	
Sidenats Grama Vaughn	New Mexico	40.30%	73.00%	1.00%	74.00%	09/12	42.00	-
Blue Grama Lövington	Colorado	8.19%	57.00%	21.00%	78,00%	03/12	9.00	
Alkali Sacaton VNS	New Mexico	4.44%	21.00%	75.00%	96.00%	03/12	6.00	
Four Wing Saltbush VNS	New Mexico	35,51%	34.00%	26.00%	60.00%	01/12	30.00	

Other Crop: 00.05% Weed Seed: 00.32% Inert Matter: 11.19%

There Is 6 Bags For This Mix This Bag Weighs 23.47 Bulk Pounds Use This Bag For 1/2 Acres

Total Bulk Pounds: 141

Curtis & Curds Seed 4530 N. Frince. Cloris, NM 88121 Phram: 575-752-4759

Tule.) Drilling LP

3 Acre BLM #3 & #4, Broadcast Rate
6 - 1/2 Aci 2 Bays @ 23, 47 Bulk Pounds

ab: Strawberry 7 Fed #2

1-7-198-31E

7:0794021.02

Lot# M-11148

				4.	Germ &	Test Total Pr.S
Item -	Origin	Purity	Germ	Dormant	Dormant	Date Pounds
Sideoats Grima	New Mexico	40.30%	73.00%	1.00%	74.00%	09/11, 42:00
Vaughu					•	
Blue Grama Lovington	. Colorac's	819%		21.00%	78.00%	înș/12 9.00
Alkali Sacator VNS	New Merico	141%	21.mgs	•	96.00%	03/12 6.06
Four Wing Saltbush VNS	ortxalk walk	35:51%	-34.80%	26.00%	60.00%	01/11 30.00
1111				•		

Other Crop: 00.05% Weed Seed: 00.32% Invit Mattet: 11.19% There Is 6 Bags For Tills Mix This Bag Weighs 23.47 Bulk Pounds Use This Bag For 1/2 Acres

Total Bilk Pounds: 141

Curtis & Curtis Seed 4500 N. Prince Clovis, NM 88101 Phone: 575-762-4759

> Talon Drilling LF 3 Acrs BLM #3 & #4, Broadcast Rate 6 - 1/2 Acrs Bags @ 23.47 Bulk Pounds Job: Strawberry 7 Fed #2 B-7-19S-31E 700794,D27.02

Lot# M-11148

Item Sideoats Grama	Origin New Mexico	Purity	Germ	Dormant	Germ & Dormant		Total PLS Pounds
Vaughn	THE WITH TATERICO	40.30%	73.00%	1.00%	74.00%	09/12	42.00
Blue Grams Lovington	Colorado	8.19%	57.00%	21.00%	78.00%	03/12	9.00
Alkali Sacaton VNS	New Mexico	4.44%	21.00%	75.00%	96.00%	03/12	6.00
Four Wing Saltbush VNS	New Mexico	35.51%	34.00%	26.00%	60.00%	01/12	30.00

Other Crop: 00.05% Weed Seed: 00.32% Inert Matter: 11.19%

There Is 6 Bags For This Mix This Bag Weighs 23.47 Bulk Pounds Use This Bag For 1/2 Acres

Total Bulk Pounds: 141

Curtis & Cui ds Seed 420 N. Frince. Cloris, NM 881 21 Phrn 2: 575-752-4759

1 ulo.) Drilling LP
Acre BLM #3 & #4, Broadcast Rate
6 - 1/2 Acre Bays @ 33.47 Bulk Pounds
ob: Strawberry 7 Fed #2
B-7-198-31E
T0794027.02

Lot# M-11148

Sideoats Grima Vaughn Vaughn Blue Grama Lovington Alkali Sacator VNS Four Wing Saltbush VNS	Origin New Mexico Colorar o New Mexico Rew Mexico	£19%	73.00% 57.553 21.00%	1.00% 21.00% 75.00%	74,20% 78.00%	Date 09/17 05/12 03/12	Pounds 2
Other Crop: 00.050	_		*a			01.65	30.00

Other Crop: 00.05% Weed Seed: 00.32% Inert Matter: 11.19%

There Is 6 Bags For This Mix This Bag Weighs 23.47 Bulk Pounds Use This Bag For 1/2 Acres

Total Bolk Pounds: 141

Curtis & Curtis Seed 4500 N. Prince Clavis, NM 88101 Phone: 575-762-4759

Talon Drilling LP

3 Acre BLM #3 & #4, Broadcast Rate
6 - 1/2 Acre Begs @ 23.47 Bulk Pounds
Job: Strawberry 7 Fed #2

B-7-19S-31E

700794027.02

Lot# M-11148

;	Item Sideoats Grama	Origin							
İ	Blue Grama	New Mexico	Purity 40.30%	Germ 73.00%	- 1 (ar)	Germ &	Test	Total PI	
į.	Alkali Sacator	Colorado	8.19%		1.00%	74.00%	Date 09/12	Prous a	
	Four Wing Salar	New Mexico	4.44%	11.00-	-1.00%	78.UU 9 6	03/12		
	VNS		75.51.	34.00-	,5.00%	96.00%	03/12	_	
1	Other Crop: 00.050	26	,	,0	26.00%	60.00%	01/12	-	
-	red Seed: On san	They r							

Other Crop: 00.05% Weed Seed: 00.32% Inert Matter: 11.19%

There Is 6 Bags For This Mix This Bag Weighs 23.47 Bulk Pounds Use This Bag For 1/2 Acres

Total Bulk Pounds: 141

APPENDIX II LABORATORY RESULTS



October 17, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: STRAWBERRY 7 FED, NO. 2

Enclosed are the results of analyses for samples received by the laboratory on 10/12/12 14:50.

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_accred_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.

Celey D. Keine

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. Keene

Lab Director/Quality Manager



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

Received:

10/12/2012

· Sampling Date:

10/11/2012

Reported:

Sampling Type:

Soil

10/17/2012

Sampling Condition:

Cool & Intact

Project Name: Project Number: STRAWBERRY 7 FED. NO. 2 700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 3 (H202494-01)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	98.7	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/15/2012	ND	181	90.3	200	0.0725	
DRO >C10-C28	330	10.0	10/15/2012	ND	175	87.3	200	1.06	
Surrogate: 1-Chlorooctane	82.0	% 65.2-14	0						•
Surrogate: 1-Chlorooctadecane	86.6	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene



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

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

Sampling Type:

Soil

10/17/2012

Sampling Condition:

Cool & Intact

Project Name:

STRAWBERRY 7 FED. NO. 2

Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 4 (H202494-02)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	•
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	98.8	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP		-			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	181	90.3	200	0.0725	
DRO >C10-C28	15.7	10.0	10/16/2012	ND	175	87.3	200	1.06	
Surrogate: 1-Chlorooctane	80.2	% 65.2-14	0			·····			
Surrogate: 1-Chlorooctadecane	77.6	% 63.6-15	4						

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*=Accredited Analyte

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

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

10/17/2012

Sampling Type:

Soil

Project Name:

STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Cool & Intact

Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 5 (H202494-03)

BTEX 8021B	mg/	/kg	Analyze	d By: AP			****		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	96.3	% 89.4-12	б						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	<10.0	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	85.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	79.8	% 63.6-15	4						

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*=Accredited Analyte

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

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

Sampling Type:

Soil

10/17/2012

Cool & Intact

Project Name:

STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 6 (H202494-04)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 89.4-12	б						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	<10.0	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	88.7	% 65.2-14	0						
Surrogatè: 1-Chlorooctadecane	87.8	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability 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 walved 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 profits incurred by client, its subidiations, 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 refate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

10/17/2012

Sampling Type:

Soil

Project Name:

STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Cool & Intact

Project Name: Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 7 (H202494-05)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	62.2	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	90.7	% 65.2-14	0	, , , , , , , , , , , , , , , , , , , ,					
Surrogate: 1-Chlorooctadecane	92.5	% 63.6-15	4						

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Celey D. Keine



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

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

10/17/2012

Sampling Type:

Soil

STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Cool & Intact

Project Name:

700794.027.01

Project Number: Project Location:

SEC.7-T19S-R31E

Sample Received By:

Jodi Henson

Sample ID: S - 8 (H202494-06)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	99.6	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	2750	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	83.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	139	% 63.6-15	4						

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

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

10/17/2012

Sampling Type:

Soil

Project Name:

STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Cool & Intact

Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 9 (H202494-07)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIC	101	% 89.4-120	5						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	<10.0	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	91.4	% 65.2-14	0		-				
Surrogate: 1-Chlorooctadecane	92.5	% 63.6-15-	4						

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Fax To:

Received:

10/12/2012

Reported:

10/17/2012

Project Name: Project Number: STRAWBERRY 7 FED. NO. 2 700794.027.01

Project Location:

SEC.7-T19S-R31E

Sampling Date:

Soil

Sampling Type: Sampling Condition: Sample Received By:

Cool & Intact

Jodi Henson

10/11/2012

Sample ID: S - 10 (H202494-08)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2:00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS .	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	<10.0	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	87.9	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	89.8	% 63.6-15	4						

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Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

Sampling Type:

Soil

Project Name:

10/17/2012 STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Cool & Intact

Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 11 (H202494-09)

BTEX 8021B	mg/	kg	Analyze	d By: AP		4			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	< 0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	99.5	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	<10.0	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	87.6	% 65.2-14	0						18.00
Surrogate: 1-Chlorooctadecane	<i>88.3</i>	% 63.6-15	4						

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Received: Reported: 10/12/2012

10/17/2012

STRAWBERRY 7 FED. NO. 2

Project Number: Project Location:

Project Name:

700794.027.01 SEC.7-T19S-R31E Sampling Date:

10/11/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Jodi Henson

Sample ID: S - 12 (H202494-10)

BTEX 8021B	mg/	'kg	Analyze	d By: AP			 		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2012	ND	2.17	108	2.00	5.24	
Toluene*	<0.050	0.050	10/16/2012	ND	1.99	99.4	2.00	4.39	
Ethylbenzene*	<0.050	0.050	10/16/2012	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	10/16/2012	ND	5.74	95.6	6.00	3.82	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/16/2012	ND	416	104	400	3.92	
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	10/16/2012	ND	180	90.0	200	8.27	
DRO >C10-C28	78.4	10.0	10/16/2012	ND	179	89.6	200	8.85	
Surrogate: 1-Chlorooctane	84.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.7	% 63.6-15	4						

Sample ID: S-13 0.5 BGS (H202494-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/16/2012	ND	400	100	400	0.00	

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TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

10/12/2012

Sampling Date:

10/11/2012

Reported:

10/17/2012

Sampling Type:

Soil

Project Name:

STRAWBERRY 7 FED. NO. 2

Sampling Condition:

Cool & Intact

Project Number:

700794.027.01

Sample Received By:

Jodi Henson

Project Location:

SEC.7-T19S-R31E

Sample ID: S - 14 0.5 BGS (H202494-12)

Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP		···			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/16/2012	ND	400	100	400	0.00	

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name	Talon/LPE					BI	LLTO						<u>ANAI</u>	LYSIS	S RE	QUE	ST			
Project Manage	Talon/LPE miko Stulllefuld				Ρ.	O. #:														
Address:	409 WOST TOKAS AUC.				Cc	ompany: 7	dar/LP	£					ļ }			1				
City:	Refession State: N.P. 575-441-7254 Fax #:	Zip	: 9	86210		tn:						ŀ								
Phone #:	575-441-7254 Fax#:		·		Ac	ddress:													. 1	
Project #:	700794,027.01 Project Owner	r: D ₁	Wa.	Enery Co.	Ci	ty:						į							.	l
Project Name:	Strawborry o Fed. No. 2		_		St	ate:	Zip:												.	
Project Location	1- sec. 7 - TISS - R31 F				Ph	none #:						ĺ	1		l				.	ļ
Sampler Name:	medSLOOLful				Fa	x #:														ŀ
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SI IIDGE	OTHER:	ACID/BASE: 33 ICE / COOL 53 OTHER: A	SAMPLI		HAJ WSIOR	8021 B BTEY	7									
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analyses. All claims include	ng those for negligence and any other cause whatsoever shall be arctinal be liable for incidental or consequental damages, including	deemed	d waive	ed unless made in writing a	nd rece	eived by Cardinal w	ithin 30 days afte	r completion of th	e applicab	le										
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Relinquished By Relinquished By	Date: John Date:	Re	Ceiv	ved By: wed By:	. J	<u> </u>		Phone Res Fax Result REMARKS	:	☐ Ye			Add'l I		··-					
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Delivered By:	(Circle One)	ノ	<u>"</u>	Sample Condi	tion	CHECK	ED BY:	-	•											l
	- Bus - Other	5	<u>c</u>	Cool Intact Ves Yes No No		1 670	1													
† Cardinal	cannot accept verbal changes. Please	e fax	wri	itten changes to	(57	51293-2326	,													



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name	Talon/LPE									B	ILL TO						ANAI	LYSIS	S RE	QUE	ST	 	
Project Manage	Mike Stully	field						P.	O. #	:			-										
Address:	408 WAT TOX							C	omp	any:	Talon/LPE	<u> </u>											
City:	ArighA	State: MM,	Zip	: 0	971	0		1	tn:									l					
Phone #:	575-441-775Y	Fax #:						A	ddre	ss:				1									
Project #:	200794.022,0	Project Owner	: 0	رون	En	csv 1	<u>. </u>	Ci	ty:									1					
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Lab I.D.	Sample	שוב	S)	NER	WAT				ij	ايرا			. 1	8	<i>''</i> /								
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H202494	5-13 0.5	BGS *	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL		OTHER:	ACID/BASE:	ICE / CO	DATE	TIME	8	8	15					ļ			
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[†] Cardinal cannot accept verbal changes. Please fax written changes to (575) 3910 326

FINAL C-141

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

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

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

Form C-141

Revised March 17, 1999

side of form

Release Notification and Corrective Action Final Report **OPERATOR** Initial Report Contact: Merle Lewis Name of Company: Devon Energy Telephone No.: 575-748-6304 Address: P. O. Box 250 Artesia, NM 88211 Facility Name: Strawberry 7 Federal #2 Facility Type: Oil Well Lease No. API #30-015-32375 Surface Owner Mineral Owner 2RP-1152 LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County 31E 1300 North 1750 East Eddy В 19S NATURE OF RELEASE Type of Release: Oil Volume of Release – 30 bbls Volume Recovered 26 bbls Date and Hour of Occurrence Date and Hour of Discovery 5/11/12, Source of Release Test Heater Vent Valve Malfunctioned 5/11/12, 7:30AM 7:30 am If YES, To Whom? BLM / Terry Gregston & OCD / Mike Bratcher Was Immediate Notice Given? By Whom? Merle Lewis Date and Hour 5/11/2012 9 If YES, Volume Impacting the Watercourse. Was a Watercourse Reached? ☐ Yes ⊠ No If a Watercourse was Impacted, Describe Fully.* N/A Describe Cause of Problem and Remedial Action Taken.* A test heater vent malfunctioned causing the heater to bypass gas to the oil stock tank and the tank released oil out of the thief hatch. The pressure blew out the gasket on the waterleg and sprayed oil on the heater and the surrounding area. A total of 30 barrels of oil was also released inside the bermed area of the tank battery. A vacuum truck was immediately called to the location and recovered 26 barrels of standing fluid. Describe Area Affected and Cleanup Action Taken.* Talon/LPE was contracted for the correction of this release. The impacted area from this release was excavated to a depth of 4-feet deep, analytical testing was completed. The excavation was backfilled to grade using new material, contoured to match the surrounding location and seeded with the recommended seed mixture for area. 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: Printed Name: Jerry Chanev

Approval Date:

Conditions of Approval:

Expiration Date:

Attached

Phone:

Title: Assistant Production Forman

Date: 12/4/2012

^{*} Attach Additional Sheets If Necessary