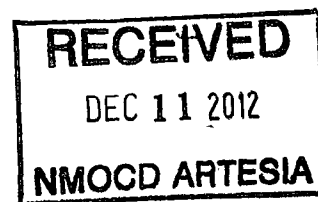




December 6, 2012



Mr. Mike Bratcher  
NMOCD District 2  
811 S. 1<sup>st</sup> Street  
Artesia, NM 88210

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  
911 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  
2901 State Hwy 349  
Midland, Texas 79706  
Phone 432.522.2133  
Fax 432.522.2180

SAN ANTONIO  
11 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 underlain 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' |

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## 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> | <u>Chlorides</u> | <u>TPH (mg/kg)</u> |
|----------------------|-------------|------------------|--------------------|
| 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.

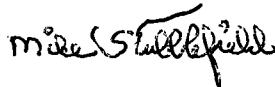
### **Closure**

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

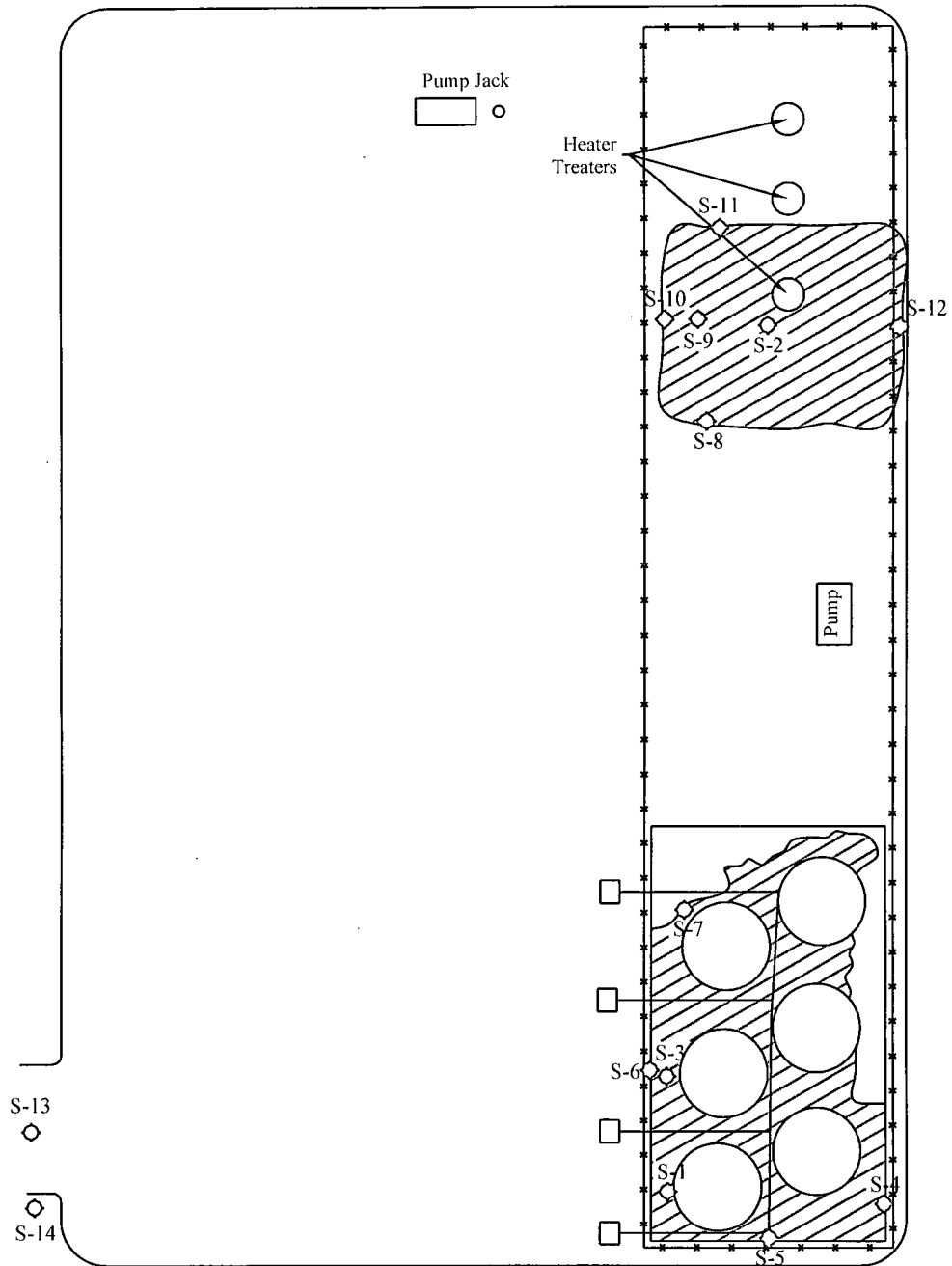


Mike Stubblefield  
Project Manager



David J. Adkins  
District Manager

## **SITE MAP**



0 20 40  
Scale in Feet

| Legend |                    |
|--------|--------------------|
|        | - Sample Locations |
|        | - Fence line       |
|        | - Impacted Area    |



Date: 06/06/2012

Scale: 1" = 40'

Drawn By: TJS

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

**APPENDIX I**  
**SEEDING LABELS**

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

Talon Drilling LP  
3 Acres BLM #3 & #4, Broadcast Rate  
6 - 1/2 Acre Bags @ 23.47 Bulk Pounds  
Job: Strawberry 7 Fed #2  
B-7-198-31E  
700794.027.02

Lot# M-11148

| Item               | Origin     | Purity | Germ   | Dormant | Germ & Dormant | Test Date | Total P.L.S Pounds |
|--------------------|------------|--------|--------|---------|----------------|-----------|--------------------|
| Sideoats Grama     | New Mexico | 40.30% | 73.00% | 1.00%   | 74.00%         | 09/12     | 42.00              |
| Vaughn             |            |        |        |         |                |           |                    |
| Blue Grama         | Colorado   | 8.19%  | 57.00% | 21.00%  | 78.00%         | 05/12     | 9.00               |
| Lovington          |            |        |        |         |                |           |                    |
| Alkali Sacaton     | New Mexico | 4.44%  | 21.00% | 75.00%  | 96.00%         | 03/12     | 6.00               |
| VNS                |            |        |        |         |                |           |                    |
| Four Wing Saltbush | New Mexico | 35.51% | 34.00% | 26.00%  | 60.00%         | 01/12     | 30.00              |
| VNS                |            |        |        |         |                |           |                    |

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

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Clovis, NM 88101  
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6 - 1/2 Acre Bags @ 23.47 Bulk Pounds  
Job: Strawberry 7 Fed #2  
B-7-19S-31E  
700794027.02

Lot# M-11148

| Item               | Origin     | Purity | Germ   | Dormant | Germ & Dormant | Test Date | Total PLS Pounds |
|--------------------|------------|--------|--------|---------|----------------|-----------|------------------|
| Sideoats Grama     | New Mexico | 40.30% | 73.00% | 1.00%   | 74.00%         | 09/12     | 42.00            |
| Vaughn             |            |        |        |         |                |           |                  |
| Blue Grama         | Colorado   | 8.19%  | 57.00% | 21.00%  | 78.00%         | 03/12     | 9.00             |
| Lovington          |            |        |        |         |                |           |                  |
| Alkali Sacaton     | New Mexico | 4.44%  | 21.00% | 75.00%  | 96.00%         | 03/12     | 6.00             |
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Other Crop: 00.05%      There Is 6 Bags For This Mix      Total Bulk Pounds: 141  
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| VNS                | New Mexico | 35.51% | 34.00% | 26.00%  | 60.00%         | 01/12     | 30.00            |
| Four Wing Saltbush |            |        |        |         |                |           |                  |
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700794027.02

Lot# M-11148

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|--------------------|------------|--------|--------|---------|----------------|-----------|------------------|
| Sideoats Grama     | New Mexico | 40.30% | 73.00% | 1.00%   | 74.00%         | 09/12     | 42.00            |
| Vaughn             |            |        |        |         |                |           |                  |
| Blue Grama         | Colorado   | 8.19%  | 57.00% | 21.00%  | 78.00%         | 03/12     | 9.00             |
| Lovington          | New Mexico | 4.44%  | 21.00% | 75.00%  | 96.00%         | 03/12     | 6.00             |
| Alkali Sacaton     |            |        |        |         |                |           |                  |
| VNS                | New Mexico | 35.51% | 34.00% | 26.00%  | 60.00%         | 01/12     | 30.00            |
| Four Wing Saltbush |            |        |        |         |                |           |                  |
| VNS                |            |        |        |         |                |           |                  |

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Total Bulk Pounds: 141

**APPENDIX II**  
**LABORATORY RESULTS**



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

---

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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. Keene

Lab Director/Quality Manager

**Analytical Results For:**

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 - 3 (H202494-01)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed 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 (PIE) 98.7 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed By: MS |     |            |               |      |           |  |

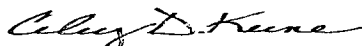
Surrogate: 1-Chlorooctane 82.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.6 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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 - 4 (H202494-02)**

| BTEX 8021B     |        | mg/kg           | Analyzed 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 (PIE) 98.8 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed 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   |           |  |

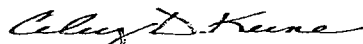
Surrogate: 1-Chlorooctane 80.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 77.6 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 10/12/2012  
Reported: 10/17/2012  
Project Name: STRAWBERRY 7 FED. NO. 2  
Project Number: 700794.027.01  
Project Location: SEC.7-T19S-R31E

Sampling Date: 10/11/2012  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S - 5 (H202494-03)**

| BTX 8021B      |        | mg/kg           |            | Analyzed 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 (PIE) 96.3 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed By: MS |     |            |               |      |           |

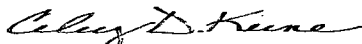
Surrogate: 1-Chlorooctane 85.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 79.8 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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 - 6 (H202494-04)**

| BTX 8021B      |        | mg/kg           |            | Analyzed 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 (PIE) 100 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed 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 |           |

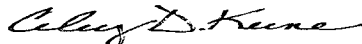
Surrogate: 1-Chlorooctane 88.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 87.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 10/12/2012  
Reported: 10/17/2012  
Project Name: STRAWBERRY 7 FED. NO. 2  
Project Number: 700794.027.01  
Project Location: SEC.7-T19S-R31E

Sampling Date: 10/11/2012  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: S - 7 (H202494-05)**

| BTX 8021B      |        | mg/kg           |            | Analyzed 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 (PIB) 102 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed 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 |           |

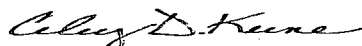
Surrogate: 1-Chlorooctane 90.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.5 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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 Fax To: (575) 745-8905

 Received: 10/12/2012  
 Reported: 10/17/2012  
 Project Name: STRAWBERRY 7 FED. NO. 2  
 Project Number: 700794.027.01  
 Project Location: SEC.7-T19S-R31E

 Sampling Date: 10/11/2012  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S - 8 (H202494-06)**

| BTEx 8021B     |        | mg/kg           |            | Analyzed 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) 99.6 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed By: MS |     |            |               |      |           |

| TPH 8015M    |        | mg/kg           |            | Analyzed 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 |           |

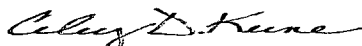
Surrogate: 1-Chlorooctane 83.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 139 % 63.6-154

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|                   |                         |                     |               |
|-------------------|-------------------------|---------------------|---------------|
| 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           | Analyzed 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 (PIE) 101 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           | Analyzed 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           | Analyzed 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 |           |

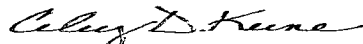
Surrogate: 1-Chlorooctane 91.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.5 % 63.6-154

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Caley D. Keene, Lab Director/Quality Manager

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

 Received: 10/12/2012  
 Reported: 10/17/2012  
 Project Name: STRAWBERRY 7 FED. NO. 2  
 Project Number: 700794.027.01  
 Project Location: SEC.7-T19S-R31E

 Sampling Date: 10/11/2012  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S - 10 (H202494-08)**

| BTEX 8021B     |        | mg/kg           |            | Analyzed 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 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed By: MS |     |            |               |      |           |


Surrogate: 1-Chlorooctane 87.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

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 Received: 10/12/2012  
 Reported: 10/17/2012  
 Project Name: STRAWBERRY 7 FED. NO. 2  
 Project Number: 700794.027.01  
 Project Location: SEC.7-T19S-R31E

 Sampling Date: 10/11/2012  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S - 11 (H202494-09)**

| BTEX 8021B     |        |                 | mg/kg      |              | Analyzed 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 (PIE) 99.5 % 89.4-126

| Chloride, SM4500Cl-B |        |                 | mg/kg      |              | Analyzed 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           |            | Analyzed 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 % 65.2-140

Surrogate: 1-Chlorooctadecane 88.3 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

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Received: 10/12/2012  
Reported: 10/17/2012  
Project Name: STRAWBERRY 7 FED. NO. 2  
Project Number: 700794.027.01  
Project Location: 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      |              | Analyzed 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 (PIE) 103 % 89.4-126

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed 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           |            | Analyzed By: MS |     |            |               |      |           |  |

Surrogate: 1-Chlorooctane 84.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.7 % 63.6-154

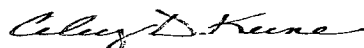
**Sample ID: S-13 0.5 BGS (H202494-11)**

| Chloride, SM4500Cl-B |        |                 | mg/kg      |              | Analyzed 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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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received: 10/12/2012  
Reported: 10/17/2012  
Project Name: STRAWBERRY 7 FED. NO. 2  
Project Number: 700794.027.01  
Project Location: SEC.7-T19S-R31E

Sampling Date: 10/11/2012  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

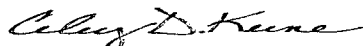
**Sample ID: S - 14 0.5 BGS (H202494-12)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

| 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**

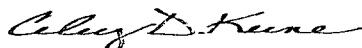
|     |  |
|-----|--|
| ND  | Analyte NOT DETECTED at or above the reporting limit   |
| RPD | Relative Percent Difference  |
| **  | Samples not received at proper temperature of 6°C or below.  |
| *** | Insufficient time to reach temperature.  |
| -   | Chloride by SM4500Cl-B does not require samples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

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Celey D. Keene, Lab Director/Quality Manager



## Page 14 of 15

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 392-2326





## Page 15 of 15

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 398-2326

~~3980326~~  
# 26

**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  
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 March 17, 1999

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: Devon Energy               | Contact: Merle Lewis        |
| Address: P. O. Box 250<br>Artesia, NM 88211 | Telephone No.: 575-748-6304 |
| Facility Name: Strawberry 7 Federal #2      | Facility Type: Oil Well     |

|               |               |   |
|---------------|---------------|---|
| Surface Owner | Mineral Owner | Lease No. API #30-015-32375<br>2RP-1152 |
|---------------|---------------|---|

**LOCATION OF RELEASE**

|                  |              |                 |              |                       |                           |                       |                        |                |
|------------------|--------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|
| Unit Letter<br>B | Section<br>7 | Township<br>19S | Range<br>31E | Feet from the<br>1300 | North/South Line<br>North | Feet from the<br>1750 | East/West Line<br>East | County<br>Eddy |
|------------------|--------------|-----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|----------------|

**NATURE OF RELEASE**

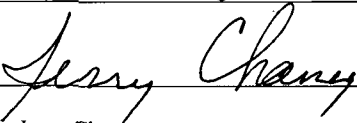
|  |   |  |
|--|---|--|
| Type of Release: Oil   | Volume of Release – 30 bbls                                 | Volume Recovered 26 bbls                       |
| Source of Release<br>Test Heater Vent Valve Malfunctioned  | Date and Hour of Occurrence<br>5/11/12, 7:30AM              | Date and Hour of Discovery 5/11/12,<br>7:30 am |
| Was Immediate Notice Given?<br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? BLM / Terry Gregston & OCD / Mike Bratcher |  |
| By Whom? Merle Lewis   | Date and Hour 5/11/2012 9                                   |  |
| Was a Watercourse Reached?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | If YES, Volume Impacting the Watercourse.                   |  |
| If a Watercourse was Impacted, Describe Fully.*<br><br>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.

|  |        |                                  |                                   |
|--|--------|----------------------------------|-----------------------------------|
| Signature:  |        | <b>OIL CONSERVATION DIVISION</b> |                                   |
| Printed Name: Jerry Chaney   |        | Approved by District Supervisor: |                                   |
| Title: Assistant Production Forman   |        | Approval Date:                   | Expiration Date:                  |
| Date: 12/4/2012  | Phone: | Conditions of Approval:          | Attached <input type="checkbox"/> |

\* Attach Additional Sheets If Necessary