

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

JAN 18 2011

HOBSUCO

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 Chevron USA Inc. | Contact Wayne Minchew |
| Address HCR 60 Box 423 Lovington, NM 88260 | Telephone No. 505-396-4414 |
| Facility Name Lovington Paddock Unit #139 | Facility Type Producing well |

| | | |
|---------------------------------|---------------------|-----------------|
| Surface Owner City of Lovington | Mineral Owner State | Lease No. B1429 |
|---------------------------------|---------------------|-----------------|

Lease No. B1429

30-025-31571

LOCATION OF RELEASE

| | | | | | | | | |
|---------------|-----------|--------------|-----------|---------------|------------|---------------|-----------|------------|
| Unit Letter F | Section 1 | Township 17S | Range 36E | Feet from the | North Line | Feet from the | West Line | County Lea |
|---------------|-----------|--------------|-----------|---------------|------------|---------------|-----------|------------|

Latitude _____ Longitude _____

NATURE OF RELEASE

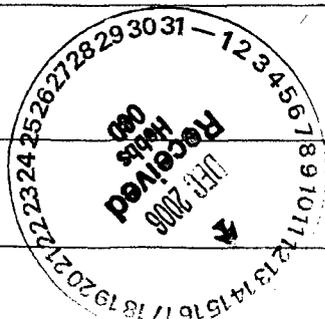
WTR > 50'

| | | |
|--|--|--|
| Type of Release Oil and produced water | Volume of Release .5 BO & 7.5 BW | Volume Recovered 4 barrels |
| Source of Release Flowline | Date and Hour of Occurrence 9:00 AM 12/11/2006 | Date and Hour of Discovery 10:00 AM 12/11/2006 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? Pat Caperton | |
| By Whom? Wayne Minchew | Date and Hour 10:30AM 12/11/2006 | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Flow line leak from external corrosion - Well is shut in - fluid picked up and repair clamp put on line

Describe Area Affected and Cleanup Action Taken.*
Road and pasture - Contaminated soil will be removed.



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: <i>Wayne Minchew</i> <i>P. W. Minchew</i> | OIL CONSERVATION DIVISION | |
| Printed Name: P. W. Minchew | Approved by District Supervisor: <i>[Signature]</i> ENGR. ENGR. | |
| Title: Operations Supervisor | Approval Date: 5-29-07 | Expiration Date: 8-29-07 |
| E-mail Address: pminchew@chevron.com | Conditions of Approval: SUBMIT FINAL C-141 w/ SUPPORTING DOCUMENTATION BY | Attached <input type="checkbox"/> <i>[initials]</i> |
| Date: 12/11/2006 Phone: 505-396-4414 | | |

* Attach Additional Sheets If Necessary

incident - n PAC 071505013/
application - p PAC 0715050235

Approved by Jeff Backlund
Engr. Engr.
NMOCD - Hobbs
0411311

RPT# 1395

Table 1
CHEVRON USA
LPU #139
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Depth (BEB) | Soil Status | | TPH (mg/kg) | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Chloride (mg/kg) |
|-----------|-------------|-------------------|-------------|-------------|---------|-------------|-------|-------|-----------------|-----------------|----------------------|----------------|------------------|
| | | | | In-Situ | Removed | GRO | DRO | Total | | | | | |
| AH-1 | 7/16/2010 | 0-6" | | X | | <2.00 | <50.0 | <50.0 | <0.0200 | <0.0200 | <0.0200 | <0.0200 | <200 |
| AH-2 | 7/16/2010 | 0-6" | | X | | <2.00 | <50.0 | <50.0 | <0.0200 | <0.0200 | <0.0200 | <0.0200 | <200 |

BEB Below Excavation Bottom

(--) Not Analyzed

Excavated material

Table 2
CHEVRON USA
LPU #139
Lea County, New Mexico

| Sample ID | Sample Date | Sample Depth (ft) | Depth (BEB) | Soil Status | | TPH (mg/kg) | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethlybenzene (mg/kg) | Xylene (mg/kg) | Chloride (mg/kg) |
|-----------|-------------|-------------------|-------------|-------------|---------|-------------|-----|-------|-----------------|-----------------|----------------------|----------------|------------------|
| | | | | In-Situ | Removed | GRO | DRO | Total | | | | | |
| T-1 | 8/18/2010 | 1-1.5' | | X | | - | - | - | - | - | - | - | <200 |
| T-2 | 8/18/2010 | 1-1.5' | | X | | - | - | - | - | - | - | - | <200 |

BEB Below Excavation Bottom

(-) Not Analyzed

Excavated material

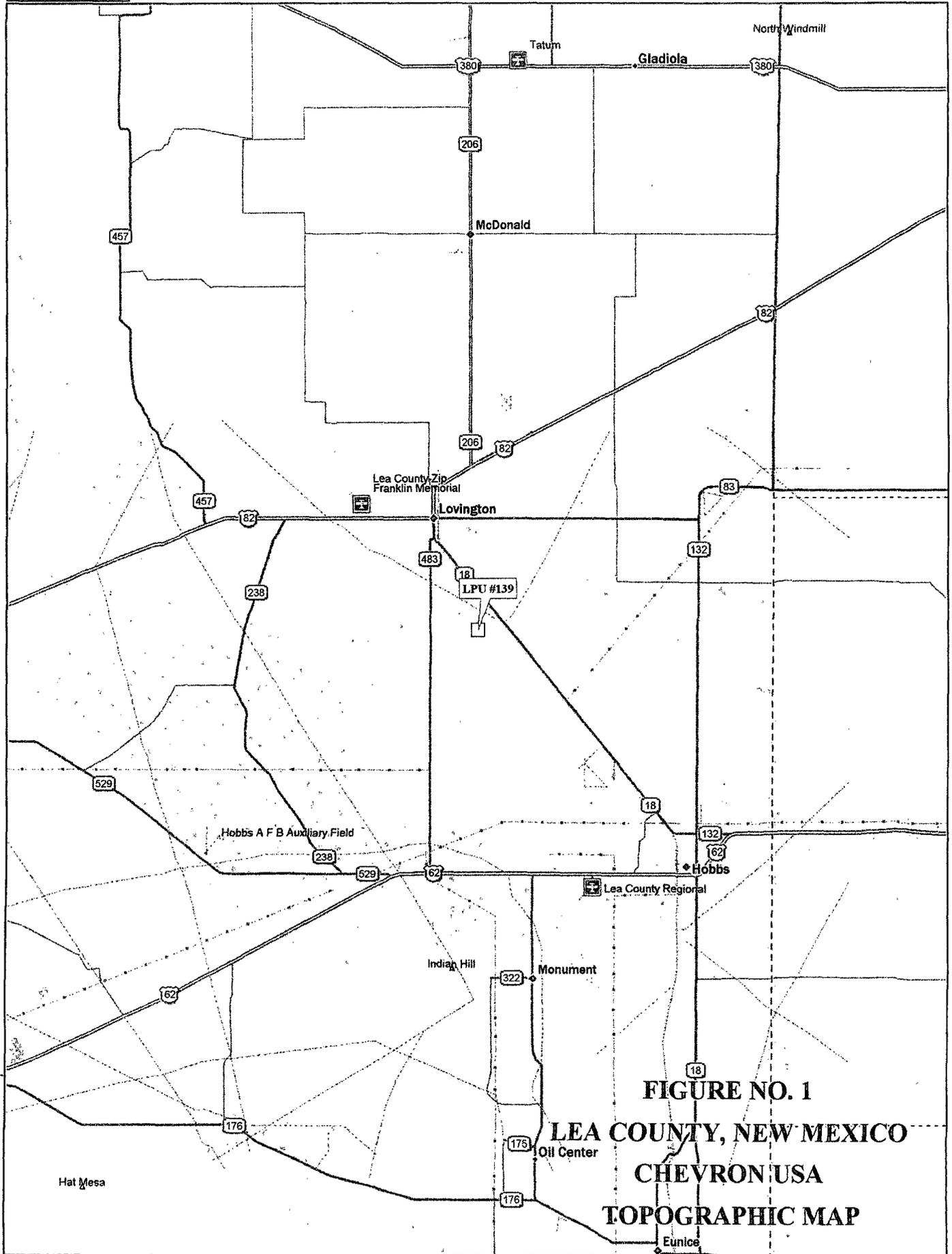


FIGURE NO. 1

LEA COUNTY, NEW MEXICO

CHEVRON USA

TOPOGRAPHIC MAP

Data use subject to license.

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www.delorme.com



Scale 1 : 400,000



1" = 6.31 mi

Data Zoom 9-0

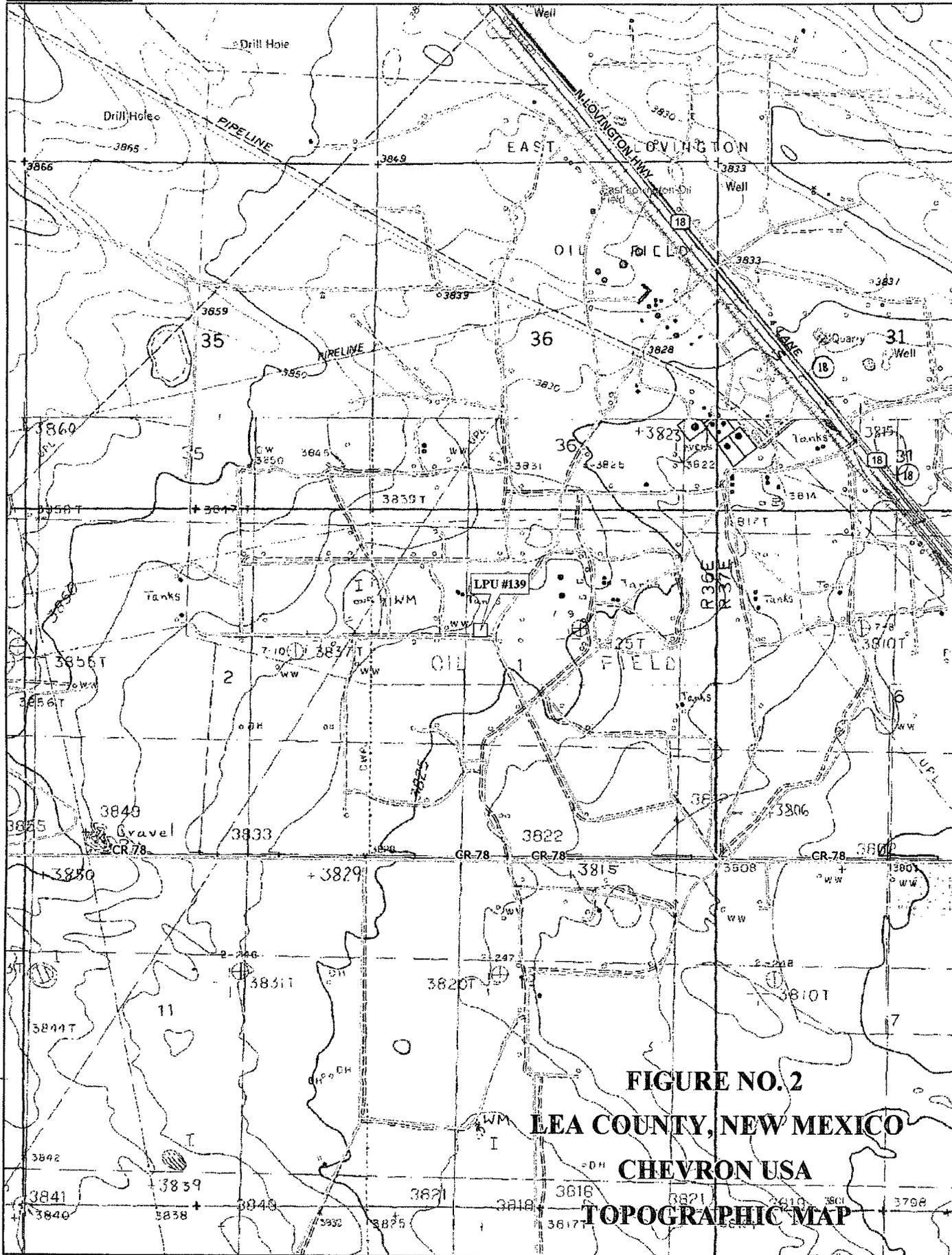
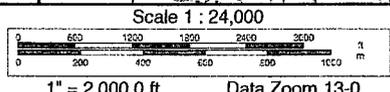
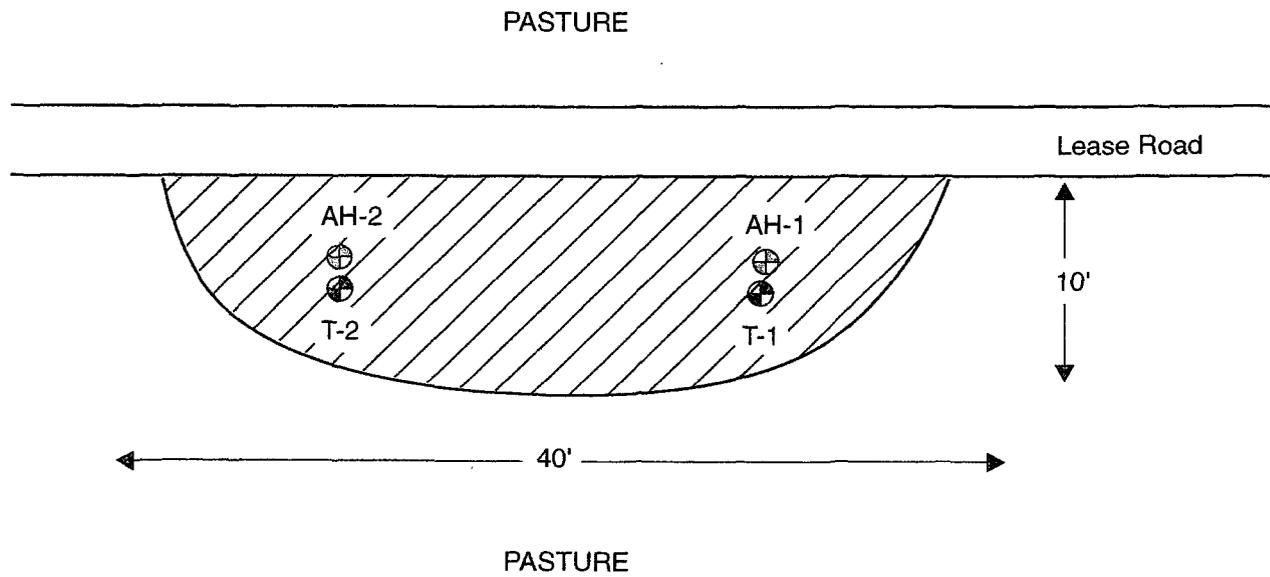


FIGURE NO. 2
LEA COUNTY, NEW MEXICO
CHEVRON USA
TOPOGRAPHIC MAP

Data use subject to license.
 © DeLorme. Topo USA® 8.
 www.delorme.com





| Explanation | |
|--------------------|--------------------|
| | Auger Hole Sample |
| | Sample Trench |
| | Area of Excavation |



| | |
|-----------------------------------|----------------|
| | CHEVRON |
| Figure 3 | |
| LPU #139 Spill Assessment | |
| CHEVRON Lea County, New Mexico | |
| Project : 114-6400598 | |
| Date : 8-2-2010 | |
| File : H:\GIS\6400598SpillDWG | |

Drawn By: Stephanie Marquez

Summary Report

Ike Tavarez
 Tetra Tech
 1910 N. Big Spring Street
 Midland, TX 79705

Report Date: July 21, 2010

Work Order: 10071920



Project Location: Lea County, NM
 Project Name: LPU #139
 Project Number: 114-6400598

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 238024 | AH-1 0-6in. | soil | 2010-07-16 | 00:00 | 2010-07-19 |
| 238025 | AH-2 0-6in. | soil | 2010-07-16 | 00:00 | 2010-07-19 |

| Sample - Field Code | BTEX | | | | TPH DRO - NEW | TPH GRO |
|----------------------|--------------------|--------------------|-------------------------|-------------------|----------------|----------------|
| | Benzene (mg/Kg) | Toluene (mg/Kg) | Ethylbenzene (mg/Kg) | Xylene (mg/Kg) | DRO (mg/Kg) | GRO (mg/Kg) |
| 238024 - AH-1 0-6in. | <0.0200 | <0.0200 | <0.0200 | <0.0200 | <50.0 | <2.00 |
| 238025 - AH-2 0-6in. | <0.0200 | <0.0200 | <0.0200 | <0.0200 | <50.0 | <2.00 |

Sample: 238024 - AH-1 0-6in.

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | <200 | mg/Kg | 4.00 |

Sample: 238025 - AH-2 0-6in.

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | <200 | mg/Kg | 4.00 |



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1296
 200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
 6015 Harris Parkway, Suite 110 Ft. Worth Texas 76132 817•201•5260
 E-Mail lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX **El Paso:** T104704221-08-TX **Midland:** T104704392-08-TX
 LELAP-02003 LELAP-02002
 Kansas E-10317

Analytical and Quality Control Report

Ike Tavaréz
 Tetra Tech
 1910 N. Big Spring Street
 Midland, TX, 79705

Report Date: July 21, 2010

Work Order: 10071920



Project Location: Lea County, NM
 Project Name: LPU #139
 Project Number: 114-6400598

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 238024 | AH-1 0-6in. | soil | 2010-07-16 | 00:00 | 2010-07-19 |
| 238025 | AH-2 0-6in. | soil | 2010-07-16 | 00:00 | 2010-07-19 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 13 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project LPU #139 were received by TraceAnalysis, Inc. on 2010-07-19 and assigned to work order 10071920. Samples for work order 10071920 were received intact at a temperature of 3.3 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|----------------------|--------------|---------------|---------------------|-------------|---------------------|
| BTEX | S 8021B | 61608 | 2010-07-19 at 16:00 | 71924 | 2010-07-20 at 11:02 |
| Chloride (Titration) | SM 4500-Cl B | 61620 | 2010-07-20 at 08:52 | 71896 | 2010-07-20 at 11:56 |
| TPH DRO - NEW | S 8015 D | 61592 | 2010-07-19 at 14:30 | 71873 | 2010-07-19 at 14:30 |
| TPH GRO | S 8015 D | 61608 | 2010-07-19 at 16:00 | 71925 | 2010-07-20 at 11:29 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10071920 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 238024 - AH-1 0-6in.

Laboratory: Midland
Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
QC Batch: 71924 Date Analyzed: 2010-07-20 Analyzed By: AG
Prep Batch: 61608 Sample Preparation: 2010-07-19 Prepared By: AG

| Parameter | Flag | RL Result | Units | Dilution | RL |
|--------------|------|--------------|-------|----------|--------|
| Benzene | | <0.0200 | mg/Kg | 1 | 0.0200 |
| Toluene | | <0.0200 | mg/Kg | 1 | 0.0200 |
| Ethylbenzene | | <0.0200 | mg/Kg | 1 | 0.0200 |
| Xylene | | <0.0200 | mg/Kg | 1 | 0.0200 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | 2.42 | mg/Kg | 1 | 2.00 | 121 | 52.8 - 137 |
| 4-Bromofluorobenzene (4-BFB) | | 2.47 | mg/Kg | 1 | 2.00 | 124 | 38.4 - 157 |

Sample: 238024 - AH-1 0-6in.

Laboratory: Midland
Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
QC Batch: 71896 Date Analyzed: 2010-07-20 Analyzed By: AR
Prep Batch: 61620 Sample Preparation: 2010-07-20 Prepared By: AR

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| Chloride | | <200 | mg/Kg | 50 | 4.00 |

Sample: 238024 - AH-1 0-6in.

Laboratory: Midland
Analysis: TPH DRO - NEW Analytical Method: S 8015 D Prep Method: N/A
QC Batch: 71873 Date Analyzed: 2010-07-19 Analyzed By: kg
Prep Batch: 61592 Sample Preparation: 2010-07-19 Prepared By: kg

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| DRO | | <50.0 | mg/Kg | 1 | 50.0 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|--------|-------|----------|--------------|------------------|-----------------|
| n-Tricosane | | 104 | mg/Kg | 1 | 100 | 104 | 70 - 130 |

Sample: 238024 - AH-1 0-6in.

Laboratory: Midland
 Analysis: TPH GRO Analytical Method: S 8015 D Prep Method: S 5035
 QC Batch: 71925 Date Analyzed: 2010-07-20 Analyzed By: AG
 Prep Batch: 61608 Sample Preparation: 2010-07-19 Prepared By: AG

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|-----------|-------|----------|------|
| GRO | | <2.00 | mg/Kg | 1 | 2.00 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|--------|-------|----------|--------------|------------------|-----------------|
| Trifluorotoluene (TFT) | | 2.82 | mg/Kg | 1 | 2.00 | 141 | 48.5 - 152 |
| 4-Bromofluorobenzene (4-BFB) | | 2.70 | mg/Kg | 1 | 2.00 | 135 | 42 - 159 |

Sample: 238025 - AH-2 0-6in.

Laboratory: Midland
 Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5035
 QC Batch: 71924 Date Analyzed: 2010-07-20 Analyzed By: AG
 Prep Batch: 61608 Sample Preparation: 2010-07-19 Prepared By: AG

| Parameter | Flag | RL Result | Units | Dilution | RL |
|--------------|------|-----------|-------|----------|--------|
| Benzene | | <0.0200 | mg/Kg | 1 | 0.0200 |
| Toluene | | <0.0200 | mg/Kg | 1 | 0.0200 |
| Ethylbenzene | | <0.0200 | mg/Kg | 1 | 0.0200 |
| Xylene | | <0.0200 | mg/Kg | 1 | 0.0200 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|--------|-------|----------|--------------|------------------|-----------------|
| Trifluorotoluene (TFT) | 1 | 0.922 | mg/Kg | 1 | 2.00 | 46 | 52.8 - 137 |
| 4-Bromofluorobenzene (4-BFB) | | 0.943 | mg/Kg | 1 | 2.00 | 47 | 38.4 - 157 |

Sample: 238025 - AH-2 0-6in.

Laboratory: Midland
 Analysis: Chloride (Titration) Analytical Method: SM 4500-Cl B Prep Method: N/A
 QC Batch: 71896 Date Analyzed: 2010-07-20 Analyzed By: AR
 Prep Batch: 61620 Sample Preparation: 2010-07-20 Prepared By: AR

¹SPECIAL-TFT is out of control limits due to an unknown anomaly. However, 4-BFB is within control limits and shows the method to be in control. •

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| Chloride | | <200 | mg/Kg | 50 | 4.00 |

Sample: 238025 - AH-2 0-6in.

Laboratory: Midland
 Analysis: TPH DRO - NEW Analytical Method: S 8015 D Prep Method: N/A
 QC Batch: 71873 Date Analyzed: 2010-07-19 Analyzed By: kg
 Prep Batch: 61592 Sample Preparation: 2010-07-19 Prepared By: kg

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| DRO | | <50.0 | mg/Kg | 1 | 50.0 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| n-Tricosane | | 108 | mg/Kg | 1 | 100 | 108 | 70 - 130 |

Sample: 238025 - AH-2 0-6in.

Laboratory: Midland
 Analysis: TPH GRO Analytical Method: S 8015 D Prep Method: S 5035
 QC Batch: 71925 Date Analyzed: 2010-07-20 Analyzed By: AG
 Prep Batch: 61608 Sample Preparation: 2010-07-19 Prepared By: AG

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| GRO | | <2.00 | mg/Kg | 1 | 2.00 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|--------|-------|----------|-----------------|---------------------|--------------------|
| Trifluorotoluene (TFT) | | 1.06 | mg/Kg | 1 | 2.00 | 53 | 48.5 - 152 |
| 4-Bromofluorobenzene (4-BFB) | | 1.05 | mg/Kg | 1 | 2.00 | 52 | 42 - 159 |

Method Blank (1) QC Batch: 71873

QC Batch: 71873 Date Analyzed: 2010-07-19 Analyzed By: kg
 Prep Batch: 61592 QC Preparation: 2010-07-19 Prepared By: kg

| Parameter | Flag | MDL Result | Units | RL |
|-----------|------|---------------|-------|----|
| DRO | | <14.5 | mg/Kg | 50 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|-------------|------|--------|-------|----------|--------------|------------------|-----------------|
| n-Tricosane | | 103 | mg/Kg | 1 | 100 | 103 | 70 - 130 |

Method Blank (1) QC Batch: 71896

QC Batch: 71896 Date Analyzed: 2010-07-20 Analyzed By: AR
Prep Batch: 61620 QC Preparation: 2010-07-20 Prepared By: AR

| Parameter | Flag | MDL Result | Units | RL |
|-----------|------|------------|-------|----|
| Chloride | | <2.18 | mg/Kg | 4 |

Method Blank (1) QC Batch: 71924

QC Batch: 71924 Date Analyzed: 2010-07-20 Analyzed By: AG
Prep Batch: 61608 QC Preparation: 2010-07-19 Prepared By: AG

| Parameter | Flag | MDL Result | Units | RL |
|--------------|------|------------|-------|------|
| Benzene | | <0.0150 | mg/Kg | 0.02 |
| Toluene | | <0.00950 | mg/Kg | 0.02 |
| Ethylbenzene | | <0.0106 | mg/Kg | 0.02 |
| Xylene | | <0.00930 | mg/Kg | 0.02 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|--------|-------|----------|--------------|------------------|-----------------|
| Trifluorotoluene (TFT) | | 2.19 | mg/Kg | 1 | 2.00 | 110 | 66.6 - 122 |
| 4-Bromofluorobenzene (4-BFB) | | 2.18 | mg/Kg | 1 | 2.00 | 109 | 55.4 - 132 |

Method Blank (1) QC Batch: 71925

QC Batch: 71925 Date Analyzed: 2010-07-20 Analyzed By: AG
Prep Batch: 61608 QC Preparation: 2010-07-19 Prepared By: AG

| Parameter | Flag | MDL Result | Units | RL |
|-----------|------|------------|-------|----|
| GRO | | <1.65 | mg/Kg | 2 |

| Surrogate | Flag | Result | Units | Dilution | Spike Amount | Percent Recovery | Recovery Limits |
|------------------------------|------|--------|-------|----------|--------------|------------------|-----------------|
| Trifluorotoluene (TFT) | | 2.63 | mg/Kg | 1 | 2.00 | 132 | 67.6 - 150 |
| 4-Bromofluorobenzene (4-BFB) | | 2.41 | mg/Kg | 1 | 2.00 | 120 | 52.4 - 130 |

control spikes continued ...

| Param | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|--------------|------------|-------|------|--------------|---------------|------|------------|
| Ethylbenzene | 2.00 | mg/Kg | 1 | 2.00 | <0.0106 | 100 | 78.4 - 107 |
| Xylene | 6.06 | mg/Kg | 1 | 6.00 | <0.00930 | 101 | 79.1 - 107 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|--------------|-------------|-------|------|--------------|---------------|------|------------|-----|-----------|
| Benzene | 2.03 | mg/Kg | 1 | 2.00 | <0.0150 | 102 | 81.9 - 108 | 2 | 20 |
| Toluene | 2.07 | mg/Kg | 1 | 2.00 | <0.00950 | 104 | 81.9 - 107 | 2 | 20 |
| Ethylbenzene | 2.04 | mg/Kg | 1 | 2.00 | <0.0106 | 102 | 78.4 - 107 | 2 | 20 |
| Xylene | 6.21 | mg/Kg | 1 | 6.00 | <0.00930 | 104 | 79.1 - 107 | 2 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Surrogate | LCS Result | LCSD Result | Units | Dil. | Spike Amount | LCS Rec. | LCSD Rec. | Rec. Limit |
|------------------------------|------------|-------------|-------|------|--------------|----------|-----------|------------|
| Trifluorotoluene (TFT) | 2.09 | 2.04 | mg/Kg | 1 | 2.00 | 104 | 102 | 70.2 - 114 |
| 4-Bromofluorobenzene (4-BFB) | 2.15 | 2.09 | mg/Kg | 1 | 2.00 | 108 | 104 | 69.8 - 121 |

Laboratory Control Spike (LCS-1)

QC Batch: 71925 Date Analyzed: 2010-07-20 Analyzed By: AG
Prep Batch: 61608 QC Preparation: 2010-07-19 Prepared By: AG

| Param | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|-------|------------|-------|------|--------------|---------------|------|-------------|
| GRO | 15.7 | mg/Kg | 1 | 20.0 | <1.65 | 78 | 69.9 - 95.4 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Param | LCSD Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit | RPD | RPD Limit |
|-------|-------------|-------|------|--------------|---------------|------|-------------|-----|-----------|
| GRO | 16.6 | mg/Kg | 1 | 20.0 | <1.65 | 83 | 69.9 - 95.4 | 6 | 20 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

| Surrogate | LCS Result | LCSD Result | Units | Dil. | Spike Amount | LCS Rec. | LCSD Rec. | Rec. Limit |
|------------------------------|------------|-------------|-------|------|--------------|----------|-----------|------------|
| Trifluorotoluene (TFT) | 2.68 | 2.68 | mg/Kg | 1 | 2.00 | 134 | 134 | 61.9 - 142 |
| 4-Bromofluorobenzene (4-BFB) | 2.53 | 2.55 | mg/Kg | 1 | 2.00 | 126 | 128 | 68.2 - 132 |

Matrix Spike (MS-1) Spiked Sample: 238025

QC Batch: 71873 Date Analyzed: 2010-07-19 Analyzed By: kg
Prep Batch: 61592 QC Preparation: 2010-07-19 Prepared By: kg

WO# 10071920

Analysis Request of Chain of Custody Record



TETRA TECH
 1910 N. Big Spring St.
 Midland, Texas 79705
 (432) 682-4559 • Fax (432) 682-3946

ANALYSIS REQUEST
 (Circle or Specify Method No.)

CLIENT NAME: Chevron SITE MANAGER: Ike Tavaroz

PROJECT NO.: 114-6400598 PROJECT NAME: LPU #139

LAB I.D. NUMBER: 238024 DATE: 7/16 TIME: 20:0
 MATRIX: S COMPR: X GRAB: X SAMPLE IDENTIFICATION: Lea Co NPM AH-1 0-6"

LAB I.D. NUMBER: 205 DATE: 7/16 TIME: 20:0
 MATRIX: S COMPR: X GRAB: X SAMPLE IDENTIFICATION: Lea Co NPM AH-2 0-6"

| NUMBER OF CONTAINERS | FILTERED (Y/N) | PRESERVATIVE METHOD | | | |
|----------------------|----------------|---------------------|------|-----|------|
| | | HCL | HNO3 | ICE | NONE |
| 1 | | | | X | |
| 1 | | | | X | |

| | | | | | | | | | | | | | | | | | |
|--|---|---|-----------------------------------|--|--|---|--|------------------------------|---|--|---|--|--|--------------------------------------|---|---|--|
| <input checked="" type="checkbox"/> BTEX 8021B | <input checked="" type="checkbox"/> TPH 8015 MOD. | <input type="checkbox"/> TX1005 (Ext. to C35) | <input type="checkbox"/> PAH 8270 | <input type="checkbox"/> RCRA Metals Ag As Ba Cd Cr Pb Hg Se | <input type="checkbox"/> TCLP Metals Ag As Ba Cd Vr Pd Hg Se | <input type="checkbox"/> TCLP Volatiles | <input type="checkbox"/> TCLP Semi Volatiles | <input type="checkbox"/> FCI | <input type="checkbox"/> GC-MS Vol. 8240/8260/824 | <input type="checkbox"/> GC-MS Semi. Vol. 8270/825 | <input type="checkbox"/> PCB's 8080/808 | <input type="checkbox"/> Pest. 808/808 | <input checked="" type="checkbox"/> Chloride | <input type="checkbox"/> Gamma Spec. | <input type="checkbox"/> Alpha Beta (Air) | <input type="checkbox"/> PLM (Asbestos) | <input type="checkbox"/> Major Anions/Cations, pH, TDS |
|--|---|---|-----------------------------------|--|--|---|--|------------------------------|---|--|---|--|--|--------------------------------------|---|---|--|

RELINQUISHED BY: (Signature) [Signature] Date: 7/19/10 Time: 2:05

RELINQUISHED BY: (Signature) Date: _____ Time: _____

RELINQUISHED BY: (Signature) Date: _____ Time: _____

RECEIVED BY: (Signature) [Signature] Date: 7/19/10 Time: 14:05

RECEIVED BY: (Signature) Date: _____ Time: _____

RECEIVED BY: (Signature) Date: _____ Time: _____

SAMPLED BY: (Print & Initial) TF Date: 7-16-10 Time: _____

SAMPLE SHIPPED BY: (Circle) HAND DELIVERED FEDEX BUS UPS OTHER: _____

TETRA TECH CONTACT PERSON: Ike Tavaroz Results by: _____

RECEIVING LABORATORY: Tetra ADDRESS: _____ CITY: Midland STATE: TX ZIP: _____ CONTACT: _____ PHONE: _____

RECEIVED BY: (Signature) _____ DATE: _____ TIME: _____

RUSH Charges Authorized: Yes No

SAMPLE CONDITION WHEN RECEIVED: 3.5°C intact

REMARKS: All tests Midland

Please fill out all copies - Laboratory retains Yellow copy - Return Original copy to Tetra Tech - Project Manager retains Pink copy - Accounting receives Gold copy.

Summary Report

Ike Tavaréz
Tetra Tech
1910 N. Big Spring Street
Midland, TX 79705

Report Date: August 30, 2010

Work Order: 10082314



Project Location: Lea County, NM
Project Name: Chevron/LPU #139
Project Number: 114-6400598

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 242147 | T-1 1-1.5' | soil | 2010-08-18 | 00:00 | 2010-08-20 |
| 242148 | T-2 1-1.5' | soil | 2010-08-18 | 00:00 | 2010-08-20 |

Sample: 242147 - T-1 1-1.5'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | <200 | mg/Kg | 4.00 |

Sample: 242148 - T-2 1-1.5'

| Param | Flag | Result | Units | RL |
|----------|------|--------|-------|------|
| Chloride | | <200 | mg/Kg | 4.00 |



6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
 200 East Sunset Road, Suite E El Paso, Texas 79922 886•588•3443 915•585•3443 FAX 915•585•4944
 5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
 6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
 E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019 **HUB:** 1752439743100-86536 **DBE:** VN 20657
NCTRCA WFWB38444Y0909

NELAP Certifications

Lubbock: T104704219-08-TX **El Paso:** T104704221-08-TX **Midland:** T104704392-08-TX
 LELAP-02003 LELAP-02002
 Kansas E-10317

Analytical and Quality Control Report

Ike Tavaréz
 Tetra Tech
 1910 N. Big Spring Street
 Midland, TX, 79705

Report Date: August 30, 2010

Work Order: 10082314



Project Location: Lea County, NM
 Project Name: Chevron/LPU #139
 Project Number: 114-6400598

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

| Sample | Description | Matrix | Date Taken | Time Taken | Date Received |
|--------|-------------|--------|------------|------------|---------------|
| 242147 | T-1 1-1.5' | soil | 2010-08-18 | 00:00 | 2010-08-20 |
| 242148 | T-2 1-1.5' | soil | 2010-08-18 | 00:00 | 2010-08-20 |

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 5 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.

Michael Abel

Dr. Blair Leftwich, Director
Dr. Michael Abel, Project Manager

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project Chevron/LPU #139 were received by TraceAnalysis, Inc. on 2010-08-20 and assigned to work order 10082314. Samples for work order 10082314 were received intact at a temperature of 4.0 C.

Samples were analyzed for the following tests using their respective methods.

| Test | Method | Prep Batch | Prep Date | QC Batch | Analysis Date |
|----------------------|--------------|---------------|---------------------|-------------|---------------------|
| Chloride (Titration) | SM 4500-Cl B | 62588 | 2010-08-26 at 09:40 | 73011 | 2010-08-27 at 15:09 |

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 10082314 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Analytical Report

Sample: 242147 - T-1 1-1.5'

| | | |
|--------------------------------|---------------------------------|------------------|
| Laboratory: Midland | Analytical Method: SM 4500-Cl B | Prep Method: N/A |
| Analysis: Chloride (Titration) | Date Analyzed: 2010-08-27 | Analyzed By: AR |
| QC Batch: 73011 | Sample Preparation: 2010-08-26 | Prepared By: AR |
| Prep Batch: 62588 | | |

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| Chloride | | <200 | mg/Kg | 50 | 4.00 |

Sample: 242148 - T-2 1-1.5'

| | | |
|--------------------------------|---------------------------------|------------------|
| Laboratory: Midland | Analytical Method: SM 4500-Cl B | Prep Method: N/A |
| Analysis: Chloride (Titration) | Date Analyzed: 2010-08-27 | Analyzed By: AR |
| QC Batch: 73011 | Sample Preparation: 2010-08-26 | Prepared By: AR |
| Prep Batch: 62588 | | |

| Parameter | Flag | RL Result | Units | Dilution | RL |
|-----------|------|--------------|-------|----------|------|
| Chloride | | <200 | mg/Kg | 50 | 4.00 |

Method Blank (1) QC Batch: 73011

| | | |
|-------------------|----------------------------|-----------------|
| QC Batch: 73011 | Date Analyzed: 2010-08-27 | Analyzed By: AR |
| Prep Batch: 62588 | QC Preparation: 2010-08-26 | Prepared By: AR |

| Parameter | Flag | MDL Result | Units | RL |
|-----------|------|---------------|-------|----|
| Chloride | | <2.18 | mg/Kg | 4 |

Laboratory Control Spike (LCS-1)

| | | |
|-------------------|----------------------------|-----------------|
| QC Batch: 73011 | Date Analyzed: 2010-08-27 | Analyzed By: AR |
| Prep Batch: 62588 | QC Preparation: 2010-08-26 | Prepared By: AR |

| Param | LCS Result | Units | Dil. | Spike Amount | Matrix Result | Rec. | Rec. Limit |
|----------|---------------|-------|------|-----------------|------------------|------|---------------|
| Chloride | 97.3 | mg/Kg | 1 | 100 | <2.18 | 97 | 85 - 115 |

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

