

APPROVED

By Olivia Yu at 8:13 am, Sep 05, 2018

NMOCD approves
1RP-4115 for closure.

1RP-4115
CONFIRMATION REPORT
Will 693 Pasture
Produced Water Spill
Roosevelt County, New Mexico

Latitude: 33.573153°
Longitude: -103.341043°

LAI Project No. 17-0175-16

August 27, 2018

Prepared for:
Legacy Reserves Operating, LP
303 West Wall Street, Suite 1300
Midland, Texas 79701

Prepared by:
Larson & Associates, Inc.
507 North Marienfeld Street, Suite 205
Midland, Texas 79701



Mark J. Larson, P.G.
Certified Professional Geologist #10490



Rachel E. Owen
Staff Geologist

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1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this delineation report on behalf of Legacy Reserves Operating, LP (Legacy) for submittal to the New Mexico Oil Conservation Division (OCD) District 1 for a produced water spill at the Will 693 Pasture (Site) located in Unit P (SE/4, SE/4), Section 34, Township 8 South, Range 35 East in Roosevelt County, New Mexico. The geodetic position is North 33.573153 and West -103.341043. Figure 1 presents a topographic map.

1.1 Background

The spill occurred on an unknown date due to a failure in a flow line. An unknown amount of fluid was released. There was no standing fluid on the surface upon discovery, therefore no fluids were recovered. The release was discovered by the land owner and reported to Legacy as an old spill. The OCD was notified on January 26, 2016 (verbal communication with Kellie Jones). The initial C-141 was submitted on January 26, 2016 and assigned remediation permit number 1RP-4115. Appendix A presents the initial C-141.

On November 12, 2015, Trinity Oilfield Services (Trinity) collected soil samples in three (3) locations (SP1 through SP3) in the spill area. The samples were collected at 0, 1, 2, 4 and 6 feet below ground surface (bgs). Additional samples were collected at SP1 at 8, 10, 12 and 14 feet bgs. The samples were analyzed by Cardinal Laboratories (Cardinal), in Hobbs, New Mexico, for BTEX, TPH and chloride by EPA SW-846 Methods 8021B, 8015M and titration SM4500 CL-B, respectively.

BTEX was reported above the RRAL (50 mg/Kg) at SP1, 6 feet bgs (207 mg/Kg) and SP1, 8 feet bgs (191 mg/Kg).

TPH was reported above the RRAL (5,000 mg/Kg) in the following samples:

- SP1, 0' (14,440 mg/Kg)
- SP1, 1' (6,290 mg/Kg)
- SP1, 2' (5,490 mg/Kg)
- SP1, 6' (26,820 mg/Kg)
- SP2, 0' (13,900 mg/Kg)
- SP2, 1' (7,980 mg/Kg)
- SP2, 2' (9,337 mg/Kg)
- SP3, 0' (12,330 mg/Kg)
- SP3, 1' (12,320 mg/Kg)
- SP3, 2' (5,108 mg/Kg)

Chloride reported above the delineation limit (600 mg/Kg) at SP1, 6 feet bgs (800 mg/Kg) and SP3, 6 feet bgs (864 mg/Kg).

On January 19, 2016, Trinity submitted the data to the OCD District 1 (Kellie Jones) to request approval to remediate the spill according to the following remediation actions:

- Excavate soil from effected area to depth of three (3) feet;
- Haul contaminated soil to nearest disposal;
- Install a 20 mil liner;
- Backfill effected area with clean soil appropriate with the area;
- Reseed the area; and
- Submit a closure report upon completion of work.

OCD approved the remediation plan on January 26, 2016. The remediation was performed however no documentation was submitted to the OCD.

Appendix B presents Trinity work plan and analytical reports.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 4,170 feet above mean sea level (msl);
- The topography slopes gently towards the southeast;
- There are no surface water features within 1,000 feet of the Site;
- The soils are designated as "Jalmar, Amarose, and Vestwells soils, 1 to 3 percent slopes", consisting of 0 to 30 inches of fine sand underlain by 30 to 55 inches of fine sandy loam;
- The geology is Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region;
- Groundwater occurs in the Ogallala formation at approximately 175 feet below ground surface (bgs) (1990);
- The nearest freshwater well is located in Unit B (NW/4, NE/4), Section 1, Township 9 South, Range 35 East, about 1.60 miles southeast of the Site.

1.3 Recommended Remediation Action Levels

Recommended remediation action levels (RRAL) were calculated for benzene, BTEX and TPH based on the following criteria established by the OCD in "Guidelines for Remediation of Leaks, Spills and Releases, pp. 6-7, August 13, 1993":

| Criteria | Result | Score |
|--------------------------------|-----------------------|-------|
| Depth-to-Groundwater | >100 Feet | 0 |
| Wellhead Protection Area | No | 0 |
| Distance to Surface Water Body | >1000 Horizontal Feet | 0 |

The following RRAL apply to the release for ranking score: 0

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 5,000 mg/Kg

Depth to groundwater greater than 100 feet bgs requires vertical delineation for chloride to 600 milligrams per kilogram (mg/Kg) and maintained a minimum 5 feet farther in depth.

2.0 REMEDIATION CONFIRMATION

On April 11-12, 2018, LAI personnel used direct push technology (DPT) to collect soil samples at three (3) locations (DP-3, DP-4, and DP-5) in the disturbed area and four (4) locations (DP-1, DP-2, DP-6, and DP-7) outside the disturbed area including each cardinal direction (north, south, east and west) of the spill. The samples were collected at 1 foot intervals to approximately 3 feet bgs. A 20 mil polyethylene liner was observed at locations DP-3, DP-4, and DP-5 at approximately 3 feet bgs where sample collection terminated. The soil samples were delivered under chain of custody and preservation to Xenco Laboratories (Xenco) in Midland, Texas. The upper samples (i.e. 0 to 1 foot) were analyzed for benzene,

toluene, ethylbenzene and xylenes (BTEX) and total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35) by EPA SW-846 Methods 8021B and 8015M. All samples were analyzed for chloride by the EPA Method 300, respectively. Benzene, BTEX, and TPH, were reported below the analytical method reporting limits in all samples. The highest chloride concentration (552 mg/Kg) was reported east of the affected area in sample DP-6, 2 to 3 feet. Table 1 presents the laboratory analytical data summary. Figure 2 presents an aerial map showing the soil sample locations. Appendix C presents the laboratory reports. Appendix E presents photographs.

3.0 CLOSURE

Field observations of a 20 mil polyethylene liner within the affected area at approximately 3 feet bgs, backfill soil, or native soil in each cardinal direction (north, east, south, and west) reported no concentrations of benzene, BTEX, TPH, and chloride above regulatory limits confirms the spill was remediated according to the plan approved by OCD on January 26, 2016. Legacy requests final closure approval for 1RP-4115. Appendix F presents the final C-141.

Tables

Table 1
1RP-4115
Confirmation Soil Sample Analytical Data Summary
Legacy Reserves, Will 693 Pasture
Roosevelt County, New Mexico
17-0175-16

Page 1 of 1

| Sample | Depth (Feet) | Collection Date | Benzene (mg/Kg) | Toluene (mg/Kg) | Ethylbenzene (mg/Kg) | m,p-Xylenes (mg/Kg) | o-Xylenes (mg/Kg) | Xylenes (mg/Kg) | BTEX (mg/Kg) | C6 - C12 (mg/Kg) | C12 - C28 (mg/Kg) | C28 - C35 (mg/Kg) | TPH (mg/Kg) | Chloride (mg/Kg) |
|--------|-----------------|--------------------|--------------------|--------------------|-------------------------|------------------------|----------------------|--------------------|-----------------|---------------------|----------------------|----------------------|----------------|---------------------|
| RRAL | | | 10 | | | 50 | | | 100 | | | 600 | | |
| DP-1 | 0-1 | 4/12/2018 | <0.00198 | <0.00198 | <0.00198 | <0.00396 | <0.00198 | <0.00198 | <0.00198 | <25.0 | <25.0 | <25.0 | <25.0 | <4.98 |
| | 1-2 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | <4.99 |
| | 2-3 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | 180 |
| DP-2 | 0-1 | 4/11/2018 | <0.00201 | <0.00201 | <0.00201 | <0.00402 | <0.00201 | <0.00201 | <0.00201 | <25.0 | <25.0 | <25.0 | <25.0 | <4.98 |
| | 1-2 | 4/11/2018 | - | - | - | - | - | - | - | - | - | - | - | <4.95 |
| | 2-3 | 4/11/2018 | - | - | - | - | - | - | - | - | - | - | - | 67.6 |
| DP-3 | 0-1 | 4/11/2018 | <0.00202 | <0.00202 | <0.00202 | <0.00403 | <0.00202 | <0.00202 | <0.00202 | <25.0 | <25.0 | <25.0 | <25.0 | <4.99 |
| | 1-2 | 4/11/2018 | - | - | - | - | - | - | - | - | - | - | - | <4.95 |
| | 2-3 | 4/11/2018 | - | - | - | - | - | - | - | - | - | - | - | 6.76 |
| DP-4 | 0-1 | 4/12/2018 | <0.00200 | <0.00200 | <0.00200 | <0.00401 | <0.00200 | <0.00200 | <0.00200 | <25.0 | <25.0 | <25.0 | <25.0 | 65.6 |
| | 1-2 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | <4.95 |
| | 2-3 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | <4.98 |
| DP-5 | 0-1 | 4/12/2018 | <0.00199 | <0.00199 | <0.00199 | <0.00398 | <0.00199 | <0.00199 | <0.00199 | <25.0 | <25.0 | <25.0 | <25.0 | <5.00 |
| | 1-2 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | <5.00 |
| | 2-3 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | <5.00 |
| DP-6 | 0-1 | 4/12/2018 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00198 | <0.00198 | <0.00198 | <24.9 | <24.9 | <24.9 | <24.9 | <4.98 |
| | 1-2 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | 43.9 |
| | 2-3 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | 552 |
| DP-7 | 0-1 | 4/12/2018 | <0.00198 | <0.00198 | <0.00198 | <0.00397 | <0.00198 | <0.00198 | <0.00198 | <24.9 | <24.9 | <24.9 | <24.9 | <4.97 |
| | 1-2 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | 51.1 |
| | 2-3 | 4/12/2018 | - | - | - | - | - | - | - | - | - | - | - | 280 |

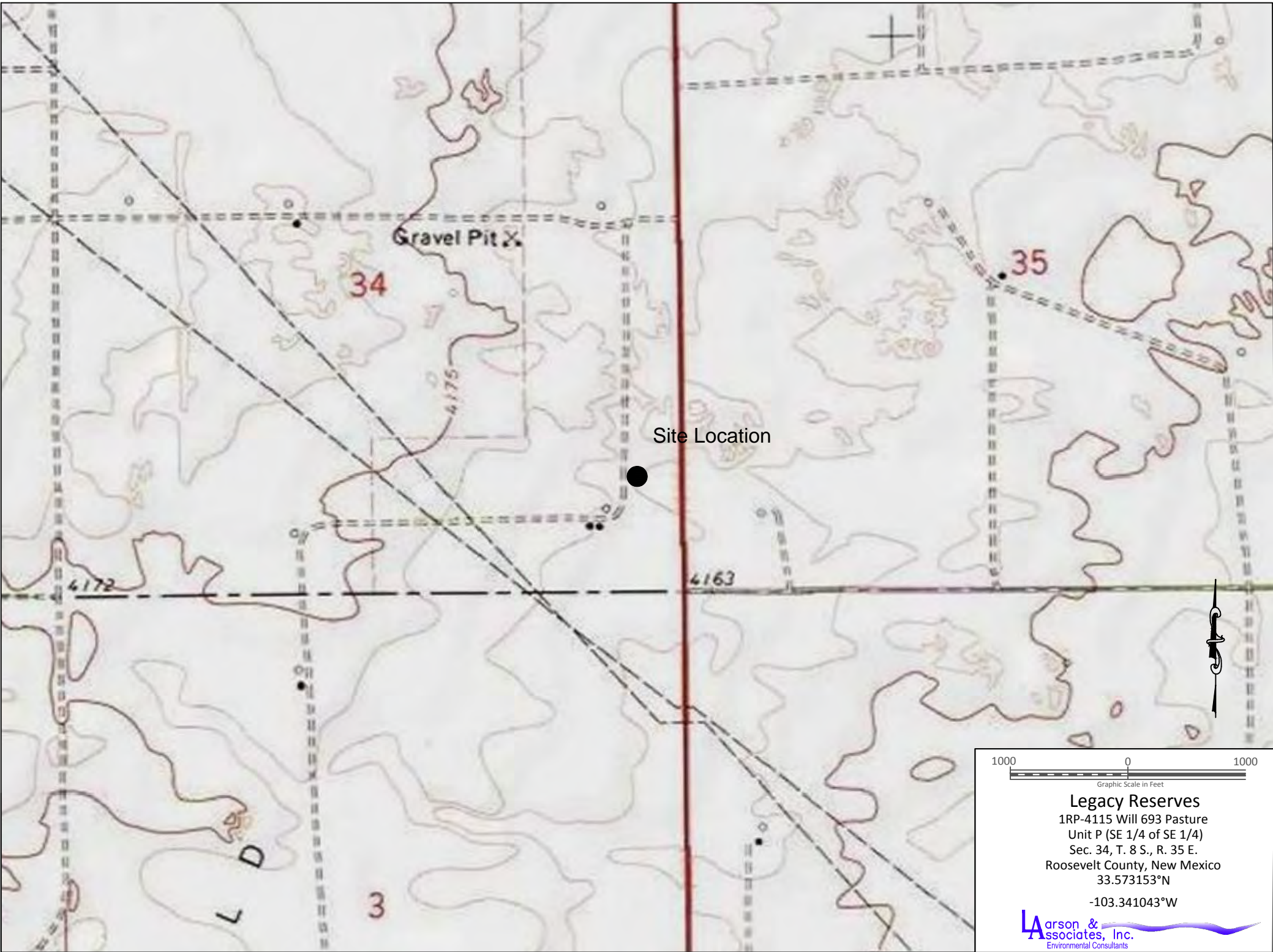
Notes: analysis performed by Xenco Laboratories, Midland, Texas by EPA SW-846 Mthod 8021B (BTEX), 8015M (TPH) and 300 (chloride)

Depth in feet below ground surface (bgs)

mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)

*: OCD delineation level

Figures



Legacy Reserves
1RP-4115 Will 693 Pasture
Unit P (SE 1/4 of SE 1/4)
Sec. 34, T. 8 S., R. 35 E.
Roosevelt County, New Mexico
33.573153°N
-103.341043°W



Figure 1 - Topographic Map

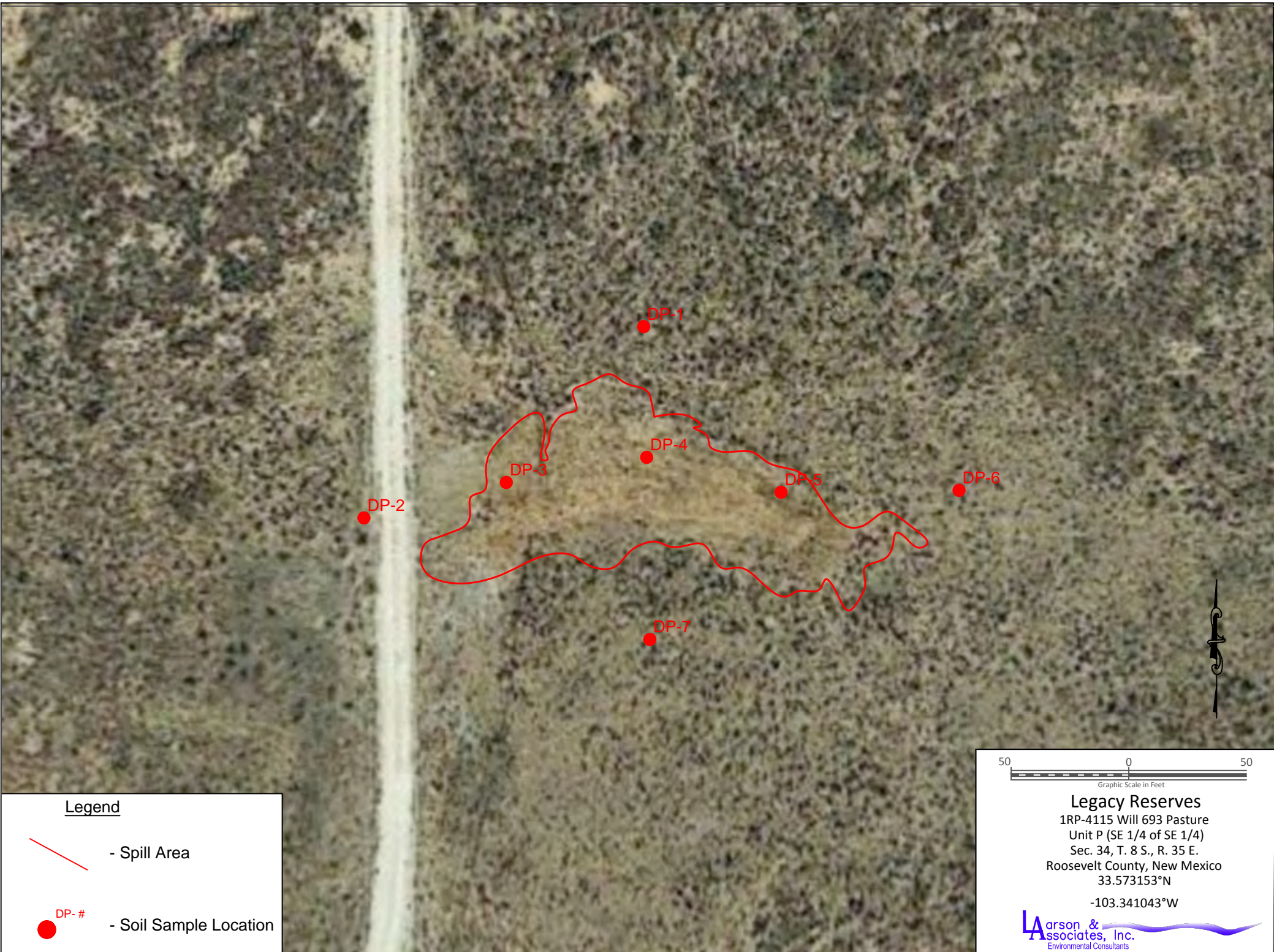


Figure 2 - Aerial Map Showing Soil Sample Locations

Appendix A

Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011
Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR ☒ Initial Report ☐ Final Report

| | | |
|---|------------------------------|------------------------|
| Name of Company – Legacy Reserves, LP | Contact – Jesse Garcia | |
| Address - 303 W. Wall St. #1800 Midland, TX 79701 | Telephone No. – 432-853-3535 | |
| Facility Name – Will 693 Pasture | Facility Type - Flowline | |
| Surface Owner - Fee | Mineral Owner - State | API No. – 30-041-20848 |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|
| Unit Letter J | Section 34 | Township 8S | Range 35E | Feet from the 1830 | North/South Line South | Feet from the 1900 | East/West Line East | County Roosvelt |
|------------------|---------------|----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|--------------------|

Latitude 33.573153 Longitude -103.341043

NATURE OF RELEASE

| | | |
|--|---|----------------------------|
| Type of Release – Produced Fluids | Volume of Release | Volume Recovered |
| Source of Release - Flowline | Date and Hour of Occurrence | Date and Hour of Discovery |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

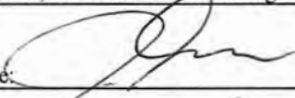

If a Watercourse was Impacted, Describe Fully.*

RECEIVED
By Kellie Jones at 7:12 am, Jan 26, 2016

Describe Cause of Problem and Remedial Action Taken.*
A release was located by the landowner. Legacy was notified by landowner on site and appears to be an old release. Work plan will be submitted to the NMOCD District 1 Office.

Describe Area Affected and Cleanup Action Taken.*

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:  | OIL CONSERVATION DIVISION | | |
| Printed Name: Jesse Garcia | Approved by Environmental Specialist:  | | |
| Title: Production Forum | Approval Date: 01/26/2016 | Expiration Date: 03/26/2016 | |
| E-mail Address: jgarcia@legacyLP.com | Conditions of Approval: Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation recommended. | | Attached <input type="checkbox"/> IRP-4115 |
| Date: | Phone: | | |

* Attach Additional Sheets If Necessary

nKJ1602626321
pKJ1602626533

Appendix B

Trinity Work Plan and Analytical Data



RECEIVED

By Kellie Jones at 7:25 am, Jan 26, 2016

P.O. Box 2587 • Hobbs, NM 88241 • Phone: (575) 397-4961 • todd@trinityoilfieldservices.com

APPROVED

By Kellie Jones at 7:25 am, Jan 26, 2016

January 19, 2016

Kellie Jones
Oil Conservation Division, EMNRD
Environmental Specialist
1625 North French Drive
Hobbs, NM 88240

RE: Work Plan

Legacy Reserves - Will 693 Pasture
J-34-8S-35E 1830E 1900E
API No. 30-041-20848

Kellie,

Trinity Oilfield Services is representing Legacy Reserves, LP in the Accidental Release (AR) for the Will 693 Pasture. Trinity and Legacy discovered a leak in the pasture during a meeting with the landowner. Subsequently a C-141 was filed and no initial cleanup was performed, as there was no standing fluid.

Delineation

Trinity performed a sampling event on November 12, 2015. Three sample points were selected and samples were pulled from the surface, 1', 2', 4', & 6'. The results of this event and a sample map can be found attached as Exhibit A & B. After analyzing the results we determined that additional sampling needed to be performed at SP1 which is nearest the Release Point (RP). A sample boring was performed with samples that were obtained from 8', 10', 12', & 14'. We attempted to retrieve data from the Office of the State Engineer (OSE) in regards to ground water depths, however no data is available for the area. It is believed that groundwater is greater than 250'.

Conclusion

After carefully analyzing all of the data and consulting with our client, Trinity is proposing the following remediation. Trinity would like to excavate the Effected Area (EA) to depth of 3'. Haul the contaminated soil to the nearest disposal. Install a 20 Mil. liner. Backfill the EA with clean soil appropriate with the area, and reseed the area.

Upon completion of this work plan Trinity will submit a closure report. Please feel free to contact me with any questions or concerns regarding this matter.

Sincerely,

Todd Roberson
President
Trinity Oilfield Services & Rentals, LLC.

CC Jessie Garcia Legacy Reserves, LP

Attachments: Exhibit A & B
C-141

Exhibit A

Will # 693

| Sample Points | BTEX | Chloride | TPH-GRO | TPH-DRO | TPH-EXDRO |
|---------------|-------|----------|---------|---------|-----------|
| SP1-0 | < .3 | 240 | < 200 | 10800 | 3440 |
| SP1-1 | 0.631 | < 16.0 | < 200 | 5030 | 1060 |
| SP1-2 | 1.3 | < 16.0 | 102 | 4540 | 848 |
| SP1-4 | 19.1 | 96.0 | 272 | 1440 | 206 |
| SP1-6 | 207 | 800 | 5150 | 19600 | 2670 |
| SP1-8 | 191 | 224 | 1000 | 2580 | 360 |
| SP1-10 | 38.1 | 240 | 98.3 | 310 | 38.1 |
| SP1-12 | 7.27 | 208 | 32.5 | 173 | 18.0 |
| SP1-14 | 1.76 | 176 | 21.3 | 163 | 15.0 |



Contamination Area:
2,700 Sq/ft



Exhibit B

January 08, 2016

TODD ROBERSON

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: WILL 693 PASTURE

Enclosed are the results of analyses for samples received by the laboratory on 01/04/16 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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.

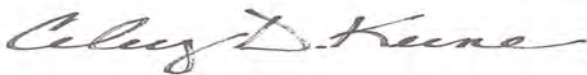
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| 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:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015

Reported: 11/20/2015

Project Name: WILL 693 PASTURE

Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 11/12/2015

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Judy Garcia

Sample ID: SP1 (H503012-01)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | <0.300 | 0.300 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | | S-06 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <200 | 200 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | | |
| DRO >C10-C28 | 10800 | 200 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | | |
| EXT DRO >C28-C35 | 3440 | 200 | 11/14/2015 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.5 % 35-147

Surrogate: 1-Chlorooctadecane 454 % 28-171

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

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015

Reported: 11/20/2015

Project Name: WILL 693 PASTURE

Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 11/12/2015

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Judy Garcia

Sample ID: SP1-1 (H503012-02)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|----------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | 0.631 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 0.631 | 0.300 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 187 % 73.6-140

| 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 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: CK | | | | | S-06 | |
|------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <200 | 200 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 5030 | 200 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 1060 | 200 | 11/14/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 191 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

| | | | |
|-------------------|------------------|---------------------|---------------|
| Received: | 11/13/2015 | Sampling Date: | 11/12/2015 |
| Reported: | 11/20/2015 | Sampling Type: | Soil |
| Project Name: | WILL 693 PASTURE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Judy Garcia |
| Project Location: | NOT GIVEN | | |

Sample ID: SP1-2 (H503012-03)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | 1.30 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 1.30 | 0.300 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 239 % 73.6-140

| 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 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 102 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 4540 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 848 | 100 | 11/14/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 119 % 35-147

Surrogate: 1-Chlorooctadecane 183 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015
Reported: 11/20/2015
Project Name: WILL 693 PASTURE
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1-4 (H503012-04)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.924 | 0.100 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | 1.78 | 0.100 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | 2.79 | 0.100 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | 13.6 | 0.300 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 19.1 | 0.600 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 165 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: CK | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 272 | 10.0 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 1440 | 10.0 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 206 | 10.0 | 11/14/2015 | ND | | | | | |


Surrogate: 1-Chlorooctane 125 % 35-147

Surrogate: 1-Chlorooctadecane 124 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015
Reported: 11/20/2015
Project Name: WILL 693 PASTURE
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1-6 (H503012-05)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <2.00 | 2.00 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | 15.3 | 2.00 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | 33.0 | 2.00 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | 159 | 6.00 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 207 | 12.0 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 800 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | | S-06 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | 5150 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | | |
| DRO >C10-C28 | 19600 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | | |
| EXT DRO >C28-C35 | 2670 | 100 | 11/14/2015 | ND | | | | | | |

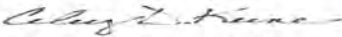
Surrogate: 1-Chlorooctane 252 % 35-147

Surrogate: 1-Chlorooctadecane 411 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

SP1-8

| | | | |
|-------------------|------------------|---------------------|---------------|
| Received: | 01/04/2016 | Sampling Date: | 12/23/2015 |
| Reported: | 01/08/2016 | Sampling Type: | Soil |
| Project Name: | WILL 693 PASTURE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 8 (H600007-02)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 1.45 | 0.500 | 01/06/2016 | ND | 1.98 | 99.2 | 2.00 | 12.0 | |
| Toluene* | 38.8 | 0.500 | 01/06/2016 | ND | 2.01 | 101 | 2.00 | 12.6 | |
| Ethylbenzene* | 29.8 | 0.500 | 01/06/2016 | ND | 1.86 | 93.2 | 2.00 | 12.3 | |
| Total Xylenes* | 121 | 1.50 | 01/06/2016 | ND | 5.93 | 98.9 | 6.00 | 11.7 | |
| Total BTEX | 191 | 3.00 | 01/06/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 129 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 01/04/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 1000 | 50.0 | 01/05/2016 | ND | 188 | 93.9 | 200 | 0.803 | |
| DRO >C10-C28 | 2580 | 50.0 | 01/05/2016 | ND | 179 | 89.4 | 200 | 1.93 | |
| EXT DRO >C28-C35 | 360 | 50.0 | 01/05/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 138 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

SP1-10

Received: 01/04/2016

Reported: 01/08/2016

Project Name: WILL 693 PASTURE

Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 12/23/2015

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Jodi Henson

Sample ID: SP 10 (H600007-03)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/06/2016 | ND | 1.98 | 99.2 | 2.00 | 12.0 | |
| Toluene* | 4.72 | 0.050 | 01/06/2016 | ND | 2.01 | 101 | 2.00 | 12.6 | |
| Ethylbenzene* | 6.38 | 0.050 | 01/06/2016 | ND | 1.86 | 93.2 | 2.00 | 12.3 | |
| Total Xylenes* | 27.0 | 0.150 | 01/06/2016 | ND | 5.93 | 98.9 | 6.00 | 11.7 | |
| Total BTEX | 38.1 | 0.300 | 01/06/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 187 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 01/04/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 98.3 | 10.0 | 01/05/2016 | ND | 188 | 93.9 | 200 | 0.803 | |
| DRO >C10-C28 | 310 | 10.0 | 01/05/2016 | ND | 179 | 89.4 | 200 | 1.93 | |
| EXT DRO >C28-C35 | 38.1 | 10.0 | 01/05/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 51.5 % 35-147

Surrogate: 1-Chlorooctadecane 45.4 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

SP1-12

TRINITY OILFIELD SERVICES & RENTALS, LLC
TODD ROBERSON
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

| | | | |
|-------------------|------------------|---------------------|---------------|
| Received: | 01/04/2016 | Sampling Date: | 12/23/2015 |
| Reported: | 01/08/2016 | Sampling Type: | Soil |
| Project Name: | WILL 693 PASTURE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Jodi Henson |
| Project Location: | NOT GIVEN | | |

Sample ID: SP 12 (H600007-04)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/06/2016 | ND | 1.98 | 99.2 | 2.00 | 12.0 | |
| Toluene* | 0.354 | 0.050 | 01/06/2016 | ND | 2.01 | 101 | 2.00 | 12.6 | |
| Ethylbenzene* | 1.13 | 0.050 | 01/06/2016 | ND | 1.86 | 93.2 | 2.00 | 12.3 | |
| Total Xylenes* | 5.79 | 0.150 | 01/06/2016 | ND | 5.93 | 98.9 | 6.00 | 11.7 | |
| Total BTEX | 7.27 | 0.300 | 01/06/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 132 % 73.6-140

| 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 | 01/04/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 32.5 | 10.0 | 01/05/2016 | ND | 188 | 93.9 | 200 | 0.803 | |
| DRO >C10-C28 | 173 | 10.0 | 01/05/2016 | ND | 179 | 89.4 | 200 | 1.93 | |
| EXT DRO >C28-C35 | 18.0 | 10.0 | 01/05/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 39.0 % 35-147

Surrogate: 1-Chlorooctadecane 35.9 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
 TODD ROBERSON
 P. O. BOX 2587
 HOBBS NM, 88241
 Fax To: NONE

SPI-14

Received: 01/04/2016
 Reported: 01/08/2016
 Project Name: WILL 693 PASTURE
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

Sampling Date: 12/23/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 14 (H600007-05)

| BTEX 8021B | | mg/kg | | Analyzed By: CK | | | | | |
|----------------|--------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/06/2016 | ND | 1.98 | 99.2 | 2.00 | 12.0 | |
| Toluene* | 0.057 | 0.050 | 01/06/2016 | ND | 2.01 | 101 | 2.00 | 12.6 | |
| Ethylbenzene* | 0.242 | 0.050 | 01/06/2016 | ND | 1.86 | 93.2 | 2.00 | 12.3 | |
| Total Xylenes* | 1.46 | 0.150 | 01/06/2016 | ND | 5.93 | 98.9 | 6.00 | 11.7 | |
| Total BTEX | 1.76 | 0.300 | 01/06/2016 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 01/04/2016 | ND | 400 | 100 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 21.3 | 10.0 | 01/05/2016 | ND | 188 | 93.9 | 200 | 0.803 | |
| DRO >C10-C28 | 163 | 10.0 | 01/05/2016 | ND | 179 | 89.4 | 200 | 1.93 | |
| EXT DRO >C28-C35 | 15.0 | 10.0 | 01/05/2016 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.6 % 35-147

Surrogate: 1-Chlorooctadecane 76.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

| | | | |
|-------------------|------------------|---------------------|---------------|
| Received: | 11/13/2015 | Sampling Date: | 11/12/2015 |
| Reported: | 11/20/2015 | Sampling Type: | Soil |
| Project Name: | WILL 693 PASTURE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Judy Garcia |
| Project Location: | NOT GIVEN | | |

Sample ID: SP2 (H503012-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | | |
| Toluene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | | |
| Ethylbenzene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | | |
| Total Xylenes* | <0.150 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | | |
| Total BTEX | <0.300 | 0.300 | 11/17/2015 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 101 % 73.6-140

| 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 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <200 | 200 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 10000 | 200 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 3700 | 200 | 11/14/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 397 % 28-171

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:11/13/2015

Reported:11/20/2015

Project Name:WILL 693 PASTURE

Project Number:NONE GIVEN

Project Location:NOT GIVEN

Sampling Date:11/12/2015

Sampling Type:Soil

Sampling Condition:Cool & Intact

Sample Received By:Judy Garcia

Sample ID: SP2-1 (H503012-07)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | 0.748 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 0.748 | 0.300 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID)208 %73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | S-06 | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |
| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | S-06 | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 109 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 6630 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 1250 | 100 | 11/14/2015 | ND | | | | | |

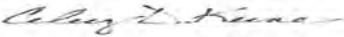
Surrogate: 1-Chlorooctane112 %35-147

Surrogate: 1-Chlorooctadecane208 %28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015
Reported: 11/20/2015
Project Name: WILL 693 PASTURE
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2-2 (H503012-08)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | 0.952 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | <0.150 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 0.952 | 0.300 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 213 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | S-06 | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | <16.0 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: CK | | | | | S-06 | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | 157 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 7710 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 1470 | 100 | 11/14/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 35-147

Surrogate: 1-Chlorooctadecane 236 % 28-171

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

| | | | |
|-------------------|------------------|---------------------|---------------|
| Received: | 11/13/2015 | Sampling Date: | 11/12/2015 |
| Reported: | 11/20/2015 | Sampling Type: | Soil |
| Project Name: | WILL 693 PASTURE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Judy Garcia |
| Project Location: | NOT GIVEN | | |

Sample ID: SP2-4 (H503012-09)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.051 | 0.050 | 11/17/2015 | ND | 1.96 | 98.0 | 2.00 | 0.526 | |
| Toluene* | 0.204 | 0.050 | 11/17/2015 | ND | 2.22 | 111 | 2.00 | 0.925 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/17/2015 | ND | 2.06 | 103 | 2.00 | 1.09 | |
| Total Xylenes* | 3.11 | 0.150 | 11/17/2015 | ND | 6.46 | 108 | 6.00 | 0.960 | |
| Total BTEX | 3.36 | 0.300 | 11/17/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 193 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |
| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |

| | | | | | | | | | |
|------------------|------|------|------------|----|-----|------|-----|------|--|
| GRO C6-C10 | 65.5 | 10.0 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 558 | 10.0 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 84.0 | 10.0 | 11/14/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 35-147

Surrogate: 1-Chlorooctadecane 119 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:11/13/2015
Reported:11/20/2015
Project Name:WILL 693 PASTURE
Project Number:NONE GIVEN
Project Location:NOT GIVEN

Sampling Date:11/12/2015
Sampling Type:Soil
Sampling Condition:Cool & Intact
Sample Received By:Judy Garcia

Sample ID: SP2-6 (H503012-10)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.64 | 82.2 | 2.00 | 16.6 | |
| Toluene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.77 | 88.7 | 2.00 | 16.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.58 | 79.1 | 2.00 | 16.1 | |
| Total Xylenes* | <0.150 | 0.150 | 11/18/2015 | ND | 4.91 | 81.8 | 6.00 | 16.4 | |
| Total BTEX | <0.300 | 0.300 | 11/18/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL)102 %73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 496 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <10.0 | 10.0 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 16.5 | 10.0 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | 11/14/2015 | ND | | | | | |


Surrogate: 1-Chlorooctane93.0 %35-147

Surrogate: 1-Chlorooctadecane98.9 %28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015

Reported: 11/20/2015

Project Name: WILL 693 PASTURE

Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 11/12/2015

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Judy Garcia

Sample ID: SP3 (H503012-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.64 | 82.2 | 2.00 | 16.6 | |
| Toluene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.77 | 88.7 | 2.00 | 16.9 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.58 | 79.1 | 2.00 | 16.1 | |
| Total Xylenes* | <0.150 | 0.150 | 11/18/2015 | ND | 4.91 | 81.8 | 6.00 | 16.4 | |
| Total BTEX | <0.300 | 0.300 | 11/18/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 73.6-140

| 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 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | | Analyzed By: CK | | | | | | S-06 |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | <100 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | | |
| DRO >C10-C28 | 9310 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | | |
| EXT DRO >C28-C35 | 2920 | 100 | 11/14/2015 | ND | | | | | | |

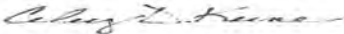
Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 373 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received:11/13/2015
Reported:11/20/2015
Project Name:WILL 693 PASTURE
Project Number:NONE GIVEN
Project Location:NOT GIVEN

Sampling Date:11/12/2015
Sampling Type:Soil
Sampling Condition:Cool & Intact
Sample Received By:Judy Garcia

Sample ID: SP3-1 (H503012-12)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.200 | 0.200 | 11/18/2015 | ND | 1.64 | 82.2 | 2.00 | 16.6 | |
| Toluene* | <0.200 | 0.200 | 11/18/2015 | ND | 1.77 | 88.7 | 2.00 | 16.9 | |
| Ethylbenzene* | 0.558 | 0.200 | 11/18/2015 | ND | 1.58 | 79.1 | 2.00 | 16.1 | |
| Total Xylenes* | <0.600 | 0.600 | 11/18/2015 | ND | 4.91 | 81.8 | 6.00 | 16.4 | |
| Total BTEX | <1.20 | 1.20 | 11/18/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL)134 %73.6-140

| 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 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: CK | | | | | | | S-06 |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10 | 360 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | | |
| DRO >C10-C28 | 10400 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | | |
| EXT DRO >C28-C35 | 1660 | 100 | 11/14/2015 | ND | | | | | | |

Surrogate: 1-Chlorooctane178 %35-147

Surrogate: 1-Chlorooctadecane243 %28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

| | | | |
|-------------------|------------------|---------------------|---------------|
| Received: | 11/13/2015 | Sampling Date: | 11/12/2015 |
| Reported: | 11/20/2015 | Sampling Type: | Soil |
| Project Name: | WILL 693 PASTURE | Sampling Condition: | Cool & Intact |
| Project Number: | NONE GIVEN | Sample Received By: | Judy Garcia |
| Project Location: | NOT GIVEN | | |

Sample ID: SP3-2 (H503012-13)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | | S-04 | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.64 | 82.2 | 2.00 | 16.6 | |
| Toluene* | <0.050 | 0.050 | 11/18/2015 | ND | 1.77 | 88.7 | 2.00 | 16.9 | |
| Ethylbenzene* | 0.605 | 0.050 | 11/18/2015 | ND | 1.58 | 79.1 | 2.00 | 16.1 | |
| Total Xylenes* | <0.150 | 0.150 | 11/18/2015 | ND | 4.91 | 81.8 | 6.00 | 16.4 | |
| Total BTEX | 0.605 | 0.300 | 11/18/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 206 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 11/16/2015 | ND | 416 | 104 | 400 | 3.92 | |

| TPH 8015M | | mg/kg | Analyzed By: CK | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10 | <100 | 100 | 11/14/2015 | ND | 198 | 99.2 | 200 | 6.08 | |
| DRO >C10-C28 | 4100 | 100 | 11/14/2015 | ND | 207 | 103 | 200 | 5.76 | |
| EXT DRO >C28-C35 | 908 | 100 | 11/14/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 125 % 35-147

Surrogate: 1-Chlorooctadecane 170 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015
Reported: 11/20/2015
Project Name: WILL 693 PASTURE
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3-4 (H503012-14)

| BTEX 8021B | | mg/kg | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.200 | 0.200 | 11/18/2015 | ND | 1.64 | 82.2 | 2.00 | 16.6 | |
| Toluene* | 0.472 | 0.200 | 11/18/2015 | ND | 1.77 | 88.7 | 2.00 | 16.9 | |
| Ethylbenzene* | 1.63 | 0.200 | 11/18/2015 | ND | 1.58 | 79.1 | 2.00 | 16.1 | |
| Total Xylenes* | 3.24 | 0.600 | 11/18/2015 | ND | 4.91 | 81.8 | 6.00 | 16.4 | |
| Total BTEX | 5.35 | 1.20 | 11/18/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PIL) 127 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | Analyzed By: AP | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 224 | 16.0 | 11/16/2015 | 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 | 305 | 10.0 | 11/17/2015 | ND | 196 | 98.0 | 200 | 1.17 | |
| DRO >C10-C28 | 1460 | 10.0 | 11/17/2015 | ND | 196 | 98.2 | 200 | 1.00 | |
| EXT DRO >C28-C35 | 202 | 10.0 | 11/17/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC
CHRIS HAUGSTAD
P. O. BOX 2587
HOBBS NM, 88241
Fax To: NONE

Received: 11/13/2015
Reported: 11/20/2015
Project Name: WILL 693 PASTURE
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/12/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3-6 (H503012-15)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 11/19/2015 | ND | 1.87 | 93.7 | 2.00 | 3.41 | |
| Toluene* | <0.050 | 0.050 | 11/19/2015 | ND | 2.12 | 106 | 2.00 | 5.06 | |
| Ethylbenzene* | <0.050 | 0.050 | 11/19/2015 | ND | 2.08 | 104 | 2.00 | 7.30 | |
| Total Xylenes* | 0.223 | 0.150 | 11/19/2015 | ND | 6.20 | 103 | 6.00 | 7.21 | |
| Total BTEX | <0.300 | 0.300 | 11/19/2015 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AP | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 864 | 16.0 | 11/16/2015 | 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 | 10.7 | 10.0 | 11/17/2015 | ND | 196 | 98.0 | 200 | 1.17 | |
| DRO >C10-C28 | 114 | 10.0 | 11/17/2015 | ND | 196 | 98.2 | 200 | 1.00 | |
| EXT DRO >C28-C35 | 19.5 | 10.0 | 11/17/2015 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.9 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

| | |
|------|--|
| S-06 | The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's. |
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| 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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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | |
|---|----------------|----------------|----------|---|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Trinity Oilfield Service</u> | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | |
| Project Manager: <u>Legacy Reserves</u> | | P.O. #: | | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div> | | | | | | | | | | | |
| Address: | | Company: | | | | | | | | | | | | | |
| City: | State: | Zip: | Attn: | | | | | | | | | | | | |
| Phone #: | Fax #: | Address: | | | | | | | | | | | | | |
| Project #: | Project Owner: | | City: | | | | | | | | | | | | |
| Project Name: <u>WILL 693 Pasture</u> | | | State: | | | | | | | | | | | | |
| Project Location: | | | Zip: | | | | | | | | | | | | |
| Sampler Name: | | | Phone #: | | | | | | | | | | | | |
| | | Fax #: | | | | | | | | | | | | | |

| FOR LAB USE ONLY | | G/RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | | | | PRESERV. | | SAMPLING | | DATE | TIME |
|-------------------|-------------|------------------|--------------|-------------|------------|------|-----|--------|---------|------------|------------|----------|--|------|------|
| Lab I.D. | Sample I.D. | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | | | |
| <u>H503012</u> | | | | | | | | | | | | | | | |
| 1. <u>SPI-1</u> | | | | | | | | | | | | | | | |
| 2. <u>SPI-1</u> | | | | | | | | | | | | | | | |
| 3. <u>SPI-2</u> | | | | | | | | | | | | | | | |
| 4. <u>SPI-4</u> | | | | | | | | | | | | | | | |
| 5. <u>SPI-6</u> | | | | | | | | | | | | | | | |
| 6. <u>SPI-6</u> | | | | | | | | | | | | | | | |
| 7. <u>SPI-2-1</u> | | | | | | | | | | | | | | | |
| 8. <u>SPI-2-2</u> | | | | | | | | | | | | | | | |
| 9. <u>SPI-4</u> | | | | | | | | | | | | | | | |
| 10. <u>SPI-6</u> | | | | | | | | | | | | | | | |

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| | | | | |
|---|---------------------------|--|--|----------------|
| Relinquished By: <u>Mike Dumbley</u> | Date: <u>11/13/15</u> | Received By: <u>Judy Garcia</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: | Date: | Received By: | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) | | | REMARKS: | |
| Sampler - UPS - Bus - Other: <u>#54</u> | Temperature: <u>2.4°C</u> | Sample Condition: <u>Intact</u> | CHECKED BY: <u>[Signature]</u> | |
| | | Cool: <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| | | Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | | |



Ag2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------|--|-------------------|--|--------------|--|-------------|--|------------|--|------|--|-----|--|--------|--|---------|--|------------|--|------------|--|---------|--|----------|--|--------|--|--------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Trinity Q.I.E. Services</u> | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Legacy Posner</u> | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | State: | | Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>WJL 683 pasture</u> | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Josh H.</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER : | | ACID/BASE: | | ICE / COOL | | OTHER : | | DATE | | TIME | | | | | | | | | | | | | |
| 1503012 | | SP3-1 | | | | 1 | | | | | | | | | | | | | | | | | | | | 11/21/07 | | 5:00pm | | TPH Bkey Chlorides | | | | | | | | | | | |
| 13-15 | | SP3-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-14 | | SP3-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-15 | | SP3-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-16 | | SP3-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|------------------------|--|--------------|--|-------------|--|------------|--|------|--|-----|--|---------------------------------|--|-----------------------------------|--|--|--|--|--|---------------------------|--|-------------------------|--|--------------|--|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>Legacy Trinity Oilfield</u> | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | State: | | Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>WTL 693</u> | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Josh Holders</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER : | | ACID/BASE: | | ICE / COOL | | OTHER : | | DATE | | TIME | | | | | | | | | | | | | |
| <u>H000007</u> | | <u>SP1</u> | | | | | | | | | | | | | | | | | | | | | | | | <u>10/23</u> | | <u>11:30</u> | | <u>BTEX</u> | | | | | | | | | | | |
| <u>2</u> | | <u>SP8</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u>Chlorides</u> | | | | | | | | | | | |
| <u>3</u> | | <u>SP10</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | <u>IPH</u> | | | | | | | | | | | |
| <u>4</u> | | <u>SP12</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>5</u> | | <u>SP14</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and damage exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claims are based upon any of the above stated theories or otherwise. | | | | | | | | | | | | | | | | Relinquished By: <u>Jeffrey</u> | | Received By: <u>Shelbi Jensen</u> | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Phone #: <u>405</u> | | Add'l Fax #: <u>405</u> | | | | | | | | | | | | | | | |
| Relinquished By: | | Date: <u>11-00</u> | | Time: <u>11:00</u> | | Received By: | | Date: | | Time: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) | | Sample Condition | | CHECKED BY: (Initials) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: <u>-2.80</u> | | <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact | | <u>405</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

* Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

Appendix C

Laboratory Reports



Certificate of Analysis Summary 582635

Larson & Associates, Midland, TX

Project Name: Will 693 Pasture



Project Id: 17-0175-16
Contact: Mark Larson
Project Location: Will 693 Pasture

Date Received in Lab: Tue Apr-17-18 08:35 am
Report Date: 26-APR-18
Project Manager: Kelsey Brooks

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 582635-001 | 582635-002 | 582635-003 | 582635-007 | 582635-008 | 582635-009 |
|-----------------------------------|-------------------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| | <i>Field Id:</i> | DP-2 (0-1) | DP-2 (1-2) | DP-2 (2-3) | DP-3 (0-1) | DP-3 (1-2) | DP-3 (2-3) |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Apr-11-18 12:42 | Apr-11-18 12:46 | Apr-11-18 15:25 | Apr-11-18 13:22 | Apr-11-18 13:24 | Apr-11-18 13:27 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Apr-20-18 14:00 | | | Apr-20-18 14:00 | | |
| | <i>Analyzed:</i> | Apr-20-18 19:49 | | | Apr-20-18 20:08 | | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | | |
| Benzene | | <0.00201 0.00201 | | | <0.00202 0.00202 | | |
| Toluene | | <0.00201 0.00201 | | | <0.00202 0.00202 | | |
| Ethylbenzene | | <0.00201 0.00201 | | | <0.00202 0.00202 | | |
| m,p-Xylenes | | <0.00402 0.00402 | | | <0.00403 0.00403 | | |
| o-Xylene | | <0.00201 0.00201 | | | <0.00202 0.00202 | | |
| Total Xylenes | | <0.00201 0.00201 | | | <0.00202 0.00202 | | |
| Total BTEX | | <0.00201 0.00201 | | | <0.00202 0.00202 | | |
| Inorganic Anions by EPA 300/300.1 | <i>Extracted:</i> | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 |
| | <i>Analyzed:</i> | Apr-25-18 13:18 | Apr-25-18 13:36 | Apr-25-18 13:42 | Apr-25-18 13:48 | Apr-25-18 13:54 | Apr-25-18 14:12 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | <4.98 4.98 | <4.95 4.95 | 67.6 4.99 | <4.99 4.99 | <4.95 4.95 | 6.76 5.00 |
| TPH by Texas1005 | <i>Extracted:</i> | Apr-18-18 16:00 | | | Apr-18-18 16:00 | | |
| | <i>Analyzed:</i> | Apr-19-18 04:05 | | | Apr-19-18 05:22 | | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | | |
| C6-C12 Range Hydrocarbons | | <25.0 25.0 | | | <25.0 25.0 | | |
| C12-C28 Range Hydrocarbons | | <25.0 25.0 | | | <25.0 25.0 | | |
| C28-C35 Range Hydrocarbons | | <25.0 25.0 | | | <25.0 25.0 | | |
| Total TPH | | <25.0 25.0 | | | <25.0 25.0 | | |

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Kelsey Brooks
Project Manager



Certificate of Analysis Summary 582635

Larson & Associates, Midland, TX

Project Name: Will 693 Pasture



Project Id: 17-0175-16
Contact: Mark Larson
Project Location: Will 693 Pasture

Date Received in Lab: Tue Apr-17-18 08:35 am
Report Date: 26-APR-18
Project Manager: Kelsey Brooks

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 582635-013 | 582635-014 | 582635-015 | 582635-019 | 582635-020 | 582635-021 |
|--|-------------------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| | <i>Field Id:</i> | DP-4 (0-1) | DP-4 (1-2) | DP-4 (2-3) | DP-5 (0-1) | DP-5 (1-2) | DP-5 (2-3) |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Apr-12-18 09:54 | Apr-12-18 09:57 | Apr-12-18 10:00 | Apr-12-18 10:35 | Apr-12-18 10:38 | Apr-12-18 10:41 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Apr-20-18 14:00 | | | Apr-20-18 14:00 | | |
| | <i>Analyzed:</i> | Apr-20-18 20:28 | | | Apr-20-18 20:47 | | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | | |
| Benzene | | <0.00200 0.00200 | | | <0.00199 0.00199 | | |
| Toluene | | <0.00200 0.00200 | | | <0.00199 0.00199 | | |
| Ethylbenzene | | <0.00200 0.00200 | | | <0.00199 0.00199 | | |
| m,p-Xylenes | | <0.00401 0.00401 | | | <0.00398 0.00398 | | |
| o-Xylene | | <0.00200 0.00200 | | | <0.00199 0.00199 | | |
| Total Xylenes | | <0.00200 0.00200 | | | <0.00199 0.00199 | | |
| Total BTEX | | <0.00200 0.00200 | | | <0.00199 0.00199 | | |
| Inorganic Anions by EPA 300/300.1 | <i>Extracted:</i> | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 |
| | <i>Analyzed:</i> | Apr-25-18 14:18 | Apr-25-18 14:24 | Apr-25-18 14:30 | Apr-25-18 14:36 | Apr-25-18 14:42 | Apr-25-18 15:00 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | 65.6 4.95 | <4.95 4.95 | <4.98 4.98 | <5.00 5.00 | <5.00 5.00 | <5.00 5.00 |
| TPH by Texas1005 | <i>Extracted:</i> | Apr-18-18 16:00 | | | Apr-18-18 16:00 | | |
| | <i>Analyzed:</i> | Apr-19-18 05:48 | | | Apr-19-18 06:14 | | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | | |
| C6-C12 Range Hydrocarbons | | <25.0 25.0 | | | <25.0 25.0 | | |
| C12-C28 Range Hydrocarbons | | <25.0 25.0 | | | <25.0 25.0 | | |
| C28-C35 Range Hydrocarbons | | <25.0 25.0 | | | <25.0 25.0 | | |
| Total TPH | | <25.0 25.0 | | | <25.0 25.0 | | |

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Kelsey Brooks
Project Manager



Certificate of Analysis Summary 582635

Larson & Associates, Midland, TX

Project Name: Will 693 Pasture



Project Id: 17-0175-16
Contact: Mark Larson
Project Location: Will 693 Pasture

Date Received in Lab: Tue Apr-17-18 08:35 am
Report Date: 26-APR-18
Project Manager: Kelsey Brooks

| <i>Analysis Requested</i> | <i>Lab Id:</i> | 582635-025 | 582635-026 | 582635-027 | 582635-029 | 582635-030 | 582635-031 |
|--|-------------------|------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| | <i>Field Id:</i> | DP-6 (0-1) | DP-6 (1-2) | DP-6 (2-3) | DP-1 (0-1) | DP-1 (1-2) | DP-1 (2-3) |
| | <i>Depth:</i> | | | | | | |
| | <i>Matrix:</i> | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| | <i>Sampled:</i> | Apr-12-18 11:01 | Apr-12-18 11:04 | Apr-12-18 11:08 | Apr-12-18 11:23 | Apr-12-18 11:26 | Apr-12-18 11:29 |
| BTEX by EPA 8021B | <i>Extracted:</i> | Apr-20-18 14:00 | | | Apr-20-18 14:00 | | |
| | <i>Analyzed:</i> | Apr-20-18 21:06 | | | Apr-20-18 21:26 | | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | | |
| Benzene | | <0.00198 0.00198 | | | <0.00198 0.00198 | | |
| Toluene | | <0.00198 0.00198 | | | <0.00198 0.00198 | | |
| Ethylbenzene | | <0.00198 0.00198 | | | <0.00198 0.00198 | | |
| m,p-Xylenes | | <0.00397 0.00397 | | | <0.00396 0.00396 | | |
| o-Xylene | | <0.00198 0.00198 | | | <0.00198 0.00198 | | |
| Total Xylenes | | <0.00198 0.00198 | | | <0.00198 0.00198 | | |
| Total BTEX | | <0.00198 0.00198 | | | <0.00198 0.00198 | | |
| Inorganic Anions by EPA 300/300.1 | <i>Extracted:</i> | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-24-18 10:00 |
| | <i>Analyzed:</i> | Apr-25-18 15:06 | Apr-25-18 15:24 | Apr-25-18 15:30 | Apr-25-18 15:36 | Apr-25-18 15:42 | Apr-25-18 15:48 |
| | <i>Units/RL:</i> | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL | mg/kg RL |
| Chloride | | <4.98 4.98 | 43.9 4.97 | 552 5.00 | <4.98 4.98 | <4.99 4.99 | 180 4.97 |
| TPH by Texas1005 | <i>Extracted:</i> | Apr-18-18 16:00 | | | Apr-18-18 16:00 | | |
| | <i>Analyzed:</i> | Apr-19-18 06:40 | | | Apr-19-18 07:08 | | |
| | <i>Units/RL:</i> | mg/kg RL | | | mg/kg RL | | |
| C6-C12 Range Hydrocarbons | | <24.9 24.9 | | | <25.0 25.0 | | |
| C12-C28 Range Hydrocarbons | | <24.9 24.9 | | | <25.0 25.0 | | |
| C28-C35 Range Hydrocarbons | | <24.9 24.9 | | | <25.0 25.0 | | |
| Total TPH | | <24.9 24.9 | | | <25.0 25.0 | | |

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Kelsey Brooks
Project Manager



Certificate of Analysis Summary 582635

Larson & Associates, Midland, TX

Project Name: Will 693 Pasture



Project Id: 17-0175-16
Contact: Mark Larson
Project Location: Will 693 Pasture

Date Received in Lab: Tue Apr-17-18 08:35 am
Report Date: 26-APR-18
Project Manager: Kelsey Brooks

| | | | | | | | |
|--|-------------------|------------------|-----------------|-----------------|--|--|--|
| Analysis Requested | Lab Id: | 582635-034 | 582635-035 | 582635-036 | | | |
| | Field Id: | DP-7 (0-1) | DP-7 (1-2) | DP-7 (2-3) | | | |
| | Depth: | | | | | | |
| | Matrix: | SOIL | SOIL | SOIL | | | |
| | Sampled: | Apr-12-18 11:45 | Apr-12-18 11:48 | Apr-12-18 11:52 | | | |
| BTEX by EPA 8021B | Extracted: | Apr-20-18 16:30 | | | | | |
| | Analyzed: | Apr-21-18 01:54 | | | | | |
| | Units/RL: | mg/kg RL | | | | | |
| Benzene | | <0.00198 0.00198 | | | | | |
| Toluene | | <0.00198 0.00198 | | | | | |
| Ethylbenzene | | <0.00198 0.00198 | | | | | |
| m,p-Xylenes | | <0.00397 0.00397 | | | | | |
| o-Xylene | | <0.00198 0.00198 | | | | | |
| Total Xylenes | | <0.00198 0.00198 | | | | | |
| Total BTEX | | <0.00198 0.00198 | | | | | |
| Inorganic Anions by EPA 300/300.1 | Extracted: | Apr-24-18 10:00 | Apr-24-18 10:00 | Apr-25-18 10:30 | | | |
| | Analyzed: | Apr-25-18 15:54 | Apr-25-18 16:00 | Apr-25-18 19:09 | | | |
| | Units/RL: | mg/kg RL | mg/kg RL | mg/kg RL | | | |
| Chloride | | <4.97 4.97 | 51.1 5.00 | 280 4.99 | | | |
| TPH by Texas1005 | Extracted: | Apr-18-18 16:00 | | | | | |
| | Analyzed: | Apr-19-18 07:33 | | | | | |
| | Units/RL: | mg/kg RL | | | | | |
| C6-C12 Range Hydrocarbons | | <24.9 24.9 | | | | | |
| C12-C28 Range Hydrocarbons | | <24.9 24.9 | | | | | |
| C28-C35 Range Hydrocarbons | | <24.9 24.9 | | | | | |
| Total TPH | | <24.9 24.9 | | | | | |

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Kelsey Brooks
Project Manager

Analytical Report 582635

**for
Larson & Associates**

Project Manager: Mark Larson

Will 693 Pasture

17-0175-16

26-APR-18

Collected By: Client



1211 W. Florida Ave, Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):

Texas (T104704215-18-24), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142)

Xenco-Dallas (EPA Lab Code: TX01468):

Texas (T104704295-17-16), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-17-12)

Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-17-16)

Xenco-Odessa (EPA Lab Code: TX00158): Texas (T104704400-18-14)

Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-17-3)

Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)

Xenco-Phoenix Mobile (EPA Lab Code: AZ00901): Arizona (AZM757)

Xenco-Atlanta (LELAP Lab ID #04176)

Xenco-Tampa: Florida (E87429)

Xenco-Lakeland: Florida (E84098)



26-APR-18

Project Manager: **Mark Larson**

Larson & Associates

P.O. Box 50685

Midland, TX 79710

Reference: XENCO Report No(s): **582635**

Will 693 Pasture

Project Address: Will 693 Pasture

Mark Larson:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number(s) 582635. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 582635 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Kelsey Brooks

Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

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Houston - Dallas - Midland - San Antonio - Phoenix - Oklahoma - Latin America

Larson & Associates, Midland, TX

Will 693 Pasture

| Sample Id | Matrix | Date Collected | Sample Depth | Lab Sample Id |
|------------|--------|----------------|--------------|---------------|
| DP-2 (0-1) | S | 04-11-18 12:42 | | 582635-001 |
| DP-2 (1-2) | S | 04-11-18 12:46 | | 582635-002 |
| DP-2 (2-3) | S | 04-11-18 15:25 | | 582635-003 |
| DP-3 (0-1) | S | 04-11-18 13:22 | | 582635-007 |
| DP-3 (1-2) | S | 04-11-18 13:24 | | 582635-008 |
| DP-3 (2-3) | S | 04-11-18 13:27 | | 582635-009 |
| DP-4 (0-1) | S | 04-12-18 09:54 | | 582635-013 |
| DP-4 (1-2) | S | 04-12-18 09:57 | | 582635-014 |
| DP-4 (2-3) | S | 04-12-18 10:00 | | 582635-015 |
| DP-5 (0-1) | S | 04-12-18 10:35 | | 582635-019 |
| DP-5 (1-2) | S | 04-12-18 10:38 | | 582635-020 |
| DP-5 (2-3) | S | 04-12-18 10:41 | | 582635-021 |
| DP-6 (0-1) | S | 04-12-18 11:01 | | 582635-025 |
| DP-6 (1-2) | S | 04-12-18 11:04 | | 582635-026 |
| DP-6 (2-3) | S | 04-12-18 11:08 | | 582635-027 |
| DP-1 (0-1) | S | 04-12-18 11:23 | | 582635-029 |
| DP-1 (1-2) | S | 04-12-18 11:26 | | 582635-030 |
| DP-1 (2-3) | S | 04-12-18 11:29 | | 582635-031 |
| DP-7 (0-1) | S | 04-12-18 11:45 | | 582635-034 |
| DP-7 (1-2) | S | 04-12-18 11:48 | | 582635-035 |
| DP-7 (2-3) | S | 04-12-18 11:52 | | 582635-036 |
| DP-2 (3-4) | S | 04-11-18 12:57 | | Not Analyzed |
| DP-2 (4-6) | S | 04-11-18 13:10 | | Not Analyzed |
| DP-2 (6-8) | S | 04-11-18 13:16 | | Not Analyzed |
| DP-3 (3-4) | S | 04-11-18 13:31 | | Not Analyzed |
| DP-3 (4-6) | S | 04-11-18 13:37 | | Not Analyzed |
| DP-3 (6-8) | S | 04-11-18 13:41 | | Not Analyzed |
| DP-4 (3-4) | S | 04-12-18 10:06 | | Not Analyzed |
| DP-4 (4-6) | S | 04-12-18 10:27 | | Not Analyzed |
| DP-4 (6-8) | S | 04-12-18 10:32 | | Not Analyzed |
| DP-5 (3-4) | S | 04-12-18 10:44 | | Not Analyzed |
| DP-5 (4-6) | S | 04-12-18 10:53 | | Not Analyzed |
| DP-5 (6-8) | S | 04-12-18 10:56 | | Not Analyzed |
| DP-6 (3-4) | S | 04-12-18 11:13 | | Not Analyzed |
| DP-1 (3-4) | S | 04-12-18 11:34 | | Not Analyzed |
| DP-1 (4-6) | S | 04-12-18 11:37 | | Not Analyzed |
| DP-7 (3-4) | S | 04-12-18 11:56 | | Not Analyzed |
| DP-7 (4-6) | S | 04-12-18 12:01 | | Not Analyzed |
| DP-7 (6-7) | S | 04-12-18 12:03 | | Not Analyzed |



CASE NARRATIVE

Client Name: *Larson & Associates*

Project Name: *Will 693 Pasture*

Project ID: 17-0175-16

Work Order Number(s): 582635

Report Date: 26-APR-18

Date Received: 04/17/2018

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3047447 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.

Batch: LBA-3047448 BTEX by EPA 8021B

Soil samples were not received in Terracore kits and therefore were prepared by method 5030.



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-2 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-001

Date Collected: 04.11.18 12.42

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.98 | 4.98 | mg/kg | 04.25.18 13.18 | U | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <25.0 | 25.0 | mg/kg | 04.19.18 04.05 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <25.0 | 25.0 | mg/kg | 04.19.18 04.05 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <25.0 | 25.0 | mg/kg | 04.19.18 04.05 | U | 1 |
| Total TPH | PHC635 | <25.0 | 25.0 | mg/kg | 04.19.18 04.05 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 101 | % | 70-130 | 04.19.18 04.05 | |
| 1-Chlorooctane | 111-85-3 | 94 | % | 70-130 | 04.19.18 04.05 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-2 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-001

Date Collected: 04.11.18 12.42

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 14.00

Basis: Wet Weight

Seq Number: 3047447

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00201 | 0.00201 | mg/kg | 04.20.18 19.49 | U | 1 |
| Toluene | 108-88-3 | <0.00201 | 0.00201 | mg/kg | 04.20.18 19.49 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00201 | 0.00201 | mg/kg | 04.20.18 19.49 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00402 | 0.00402 | mg/kg | 04.20.18 19.49 | U | 1 |
| o-Xylene | 95-47-6 | <0.00201 | 0.00201 | mg/kg | 04.20.18 19.49 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00201 | 0.00201 | mg/kg | 04.20.18 19.49 | U | 1 |
| Total BTEX | | <0.00201 | 0.00201 | mg/kg | 04.20.18 19.49 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 87 | % | 70-130 | 04.20.18 19.49 | | |
| 1,4-Difluorobenzene | 540-36-3 | 93 | % | 70-130 | 04.20.18 19.49 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-2 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-002

Date Collected: 04.11.18 12.46

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.95 | 4.95 | mg/kg | 04.25.18 13.36 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-2 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-003

Date Collected: 04.11.18 15.25

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 67.6 | 4.99 | mg/kg | 04.25.18 13.42 | | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-3 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-007

Date Collected: 04.11.18 13.22

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.99 | 4.99 | mg/kg | 04.25.18 13.48 | U | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <25.0 | 25.0 | mg/kg | 04.19.18 05.22 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <25.0 | 25.0 | mg/kg | 04.19.18 05.22 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <25.0 | 25.0 | mg/kg | 04.19.18 05.22 | U | 1 |
| Total TPH | PHC635 | <25.0 | 25.0 | mg/kg | 04.19.18 05.22 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 109 | % | 70-130 | 04.19.18 05.22 | |
| 1-Chlorooctane | 111-85-3 | 101 | % | 70-130 | 04.19.18 05.22 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-3 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-007

Date Collected: 04.11.18 13.22

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 14.00

Basis: Wet Weight

Seq Number: 3047447

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00202 | 0.00202 | mg/kg | 04.20.18 20.08 | U | 1 |
| Toluene | 108-88-3 | <0.00202 | 0.00202 | mg/kg | 04.20.18 20.08 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00202 | 0.00202 | mg/kg | 04.20.18 20.08 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00403 | 0.00403 | mg/kg | 04.20.18 20.08 | U | 1 |
| o-Xylene | 95-47-6 | <0.00202 | 0.00202 | mg/kg | 04.20.18 20.08 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00202 | 0.00202 | mg/kg | 04.20.18 20.08 | U | 1 |
| Total BTEX | | <0.00202 | 0.00202 | mg/kg | 04.20.18 20.08 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 95 | % | 70-130 | 04.20.18 20.08 | | |
| 4-Bromofluorobenzene | 460-00-4 | 87 | % | 70-130 | 04.20.18 20.08 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-3 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-008

Date Collected: 04.11.18 13.24

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.95 | 4.95 | mg/kg | 04.25.18 13.54 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-3 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-009

Date Collected: 04.11.18 13.27

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 6.76 | 5.00 | mg/kg | 04.25.18 14.12 | | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-4 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-013

Date Collected: 04.12.18 09.54

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 65.6 | 4.95 | mg/kg | 04.25.18 14.18 | | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <25.0 | 25.0 | mg/kg | 04.19.18 05.48 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <25.0 | 25.0 | mg/kg | 04.19.18 05.48 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <25.0 | 25.0 | mg/kg | 04.19.18 05.48 | U | 1 |
| Total TPH | PHC635 | <25.0 | 25.0 | mg/kg | 04.19.18 05.48 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 100 | % | 70-130 | 04.19.18 05.48 | |
| 1-Chlorooctane | 111-85-3 | 94 | % | 70-130 | 04.19.18 05.48 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-4 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-013

Date Collected: 04.12.18 09.54

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 14.00

Basis: Wet Weight

Seq Number: 3047447

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00200 | 0.00200 | mg/kg | 04.20.18 20.28 | U | 1 |
| Toluene | 108-88-3 | <0.00200 | 0.00200 | mg/kg | 04.20.18 20.28 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00200 | 0.00200 | mg/kg | 04.20.18 20.28 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00401 | 0.00401 | mg/kg | 04.20.18 20.28 | U | 1 |
| o-Xylene | 95-47-6 | <0.00200 | 0.00200 | mg/kg | 04.20.18 20.28 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00200 | 0.00200 | mg/kg | 04.20.18 20.28 | U | 1 |
| Total BTEX | | <0.00200 | 0.00200 | mg/kg | 04.20.18 20.28 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 97 | % | 70-130 | 04.20.18 20.28 | | |
| 4-Bromofluorobenzene | 460-00-4 | 90 | % | 70-130 | 04.20.18 20.28 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-4 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-014

Date Collected: 04.12.18 09.57

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.95 | 4.95 | mg/kg | 04.25.18 14.24 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-4 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-015

Date Collected: 04.12.18 10.00

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.98 | 4.98 | mg/kg | 04.25.18 14.30 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-5 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-019

Date Collected: 04.12.18 10.35

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <5.00 | 5.00 | mg/kg | 04.25.18 14.36 | U | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <25.0 | 25.0 | mg/kg | 04.19.18 06.14 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <25.0 | 25.0 | mg/kg | 04.19.18 06.14 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <25.0 | 25.0 | mg/kg | 04.19.18 06.14 | U | 1 |
| Total TPH | PHC635 | <25.0 | 25.0 | mg/kg | 04.19.18 06.14 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 97 | % | 70-130 | 04.19.18 06.14 | |
| 1-Chlorooctane | 111-85-3 | 91 | % | 70-130 | 04.19.18 06.14 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-5 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-019

Date Collected: 04.12.18 10.35

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 14.00

Basis: Wet Weight

Seq Number: 3047447

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00199 | 0.00199 | mg/kg | 04.20.18 20.47 | U | 1 |
| Toluene | 108-88-3 | <0.00199 | 0.00199 | mg/kg | 04.20.18 20.47 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00199 | 0.00199 | mg/kg | 04.20.18 20.47 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00398 | 0.00398 | mg/kg | 04.20.18 20.47 | U | 1 |
| o-Xylene | 95-47-6 | <0.00199 | 0.00199 | mg/kg | 04.20.18 20.47 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00199 | 0.00199 | mg/kg | 04.20.18 20.47 | U | 1 |
| Total BTEX | | <0.00199 | 0.00199 | mg/kg | 04.20.18 20.47 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 1,4-Difluorobenzene | 540-36-3 | 100 | % | 70-130 | 04.20.18 20.47 | | |
| 4-Bromofluorobenzene | 460-00-4 | 90 | % | 70-130 | 04.20.18 20.47 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-5 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-020

Date Collected: 04.12.18 10.38

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <5.00 | 5.00 | mg/kg | 04.25.18 14.42 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-5 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-021

Date Collected: 04.12.18 10.41

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <5.00 | 5.00 | mg/kg | 04.25.18 15.00 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-6 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-025

Date Collected: 04.12.18 11.01

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.98 | 4.98 | mg/kg | 04.25.18 15.06 | U | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <24.9 | 24.9 | mg/kg | 04.19.18 06.40 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <24.9 | 24.9 | mg/kg | 04.19.18 06.40 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <24.9 | 24.9 | mg/kg | 04.19.18 06.40 | U | 1 |
| Total TPH | PHC635 | <24.9 | 24.9 | mg/kg | 04.19.18 06.40 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 101 | % | 70-130 | 04.19.18 06.40 | |
| 1-Chlorooctane | 111-85-3 | 99 | % | 70-130 | 04.19.18 06.40 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-6 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-025

Date Collected: 04.12.18 11.01

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 14.00

Basis: Wet Weight

Seq Number: 3047447

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.06 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.06 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.06 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00397 | 0.00397 | mg/kg | 04.20.18 21.06 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.06 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.06 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.06 | U | 1 |
| | | | | | | | |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 95 | % | 70-130 | 04.20.18 21.06 | | |
| 1,4-Difluorobenzene | 540-36-3 | 100 | % | 70-130 | 04.20.18 21.06 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-6 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-026

Date Collected: 04.12.18 11.04

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 43.9 | 4.97 | mg/kg | 04.25.18 15.24 | | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-6 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-027

Date Collected: 04.12.18 11.08

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 552 | 5.00 | mg/kg | 04.25.18 15.30 | | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-1 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-029

Date Collected: 04.12.18 11.23

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.98 | 4.98 | mg/kg | 04.25.18 15.36 | U | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <25.0 | 25.0 | mg/kg | 04.19.18 07.08 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <25.0 | 25.0 | mg/kg | 04.19.18 07.08 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <25.0 | 25.0 | mg/kg | 04.19.18 07.08 | U | 1 |
| Total TPH | PHC635 | <25.0 | 25.0 | mg/kg | 04.19.18 07.08 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 87 | % | 70-130 | 04.19.18 07.08 | |
| 1-Chlorooctane | 111-85-3 | 86 | % | 70-130 | 04.19.18 07.08 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-1 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-029

Date Collected: 04.12.18 11.23

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 14.00

Basis: Wet Weight

Seq Number: 3047447

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.26 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.26 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.26 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00396 | 0.00396 | mg/kg | 04.20.18 21.26 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.26 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.26 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 04.20.18 21.26 | U | 1 |
| | | | | | | | |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 91 | % | 70-130 | 04.20.18 21.26 | | |
| 1,4-Difluorobenzene | 540-36-3 | 100 | % | 70-130 | 04.20.18 21.26 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-1 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-030

Date Collected: 04.12.18 11.26

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.99 | 4.99 | mg/kg | 04.25.18 15.42 | U | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-1 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-031

Date Collected: 04.12.18 11.29

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 180 | 4.97 | mg/kg | 04.25.18 15.48 | | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-7 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-034

Date Collected: 04.12.18 11.45

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | <4.97 | 4.97 | mg/kg | 04.25.18 15.54 | U | 1 |

Analytical Method: TPH by Texas1005

Prep Method: TX1005P

Tech: ARM

% Moisture:

Analyst: ARM

Date Prep: 04.18.18 16.00

Basis: Wet Weight

Seq Number: 3047232

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------------|------------|--------|------|-------|----------------|------|-----|
| C6-C12 Range Hydrocarbons | PHC612 | <24.9 | 24.9 | mg/kg | 04.19.18 07.33 | U | 1 |
| C12-C28 Range Hydrocarbons | PHCG1228 | <24.9 | 24.9 | mg/kg | 04.19.18 07.33 | U | 1 |
| C28-C35 Range Hydrocarbons | PHCG2835 | <24.9 | 24.9 | mg/kg | 04.19.18 07.33 | U | 1 |
| Total TPH | PHC635 | <24.9 | 24.9 | mg/kg | 04.19.18 07.33 | U | 1 |

| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag |
|----------------|------------|------------|-------|--------|----------------|------|
| o-Terphenyl | 84-15-1 | 88 | % | 70-130 | 04.19.18 07.33 | |
| 1-Chlorooctane | 111-85-3 | 87 | % | 70-130 | 04.19.18 07.33 | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-7 (0-1)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-034

Date Collected: 04.12.18 11.45

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: ALJ

% Moisture:

Analyst: ALJ

Date Prep: 04.20.18 16.30

Basis: Wet Weight

Seq Number: 3047448

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|----------------------|-------------------|-------------------|--------------|---------------|----------------------|-------------|-----|
| Benzene | 71-43-2 | <0.00198 | 0.00198 | mg/kg | 04.21.18 01.54 | U | 1 |
| Toluene | 108-88-3 | <0.00198 | 0.00198 | mg/kg | 04.21.18 01.54 | U | 1 |
| Ethylbenzene | 100-41-4 | <0.00198 | 0.00198 | mg/kg | 04.21.18 01.54 | U | 1 |
| m,p-Xylenes | 179601-23-1 | <0.00397 | 0.00397 | mg/kg | 04.21.18 01.54 | U | 1 |
| o-Xylene | 95-47-6 | <0.00198 | 0.00198 | mg/kg | 04.21.18 01.54 | U | 1 |
| Total Xylenes | 1330-20-7 | <0.00198 | 0.00198 | mg/kg | 04.21.18 01.54 | U | 1 |
| Total BTEX | | <0.00198 | 0.00198 | mg/kg | 04.21.18 01.54 | U | 1 |
| Surrogate | Cas Number | % Recovery | Units | Limits | Analysis Date | Flag | |
| 4-Bromofluorobenzene | 460-00-4 | 91 | % | 70-130 | 04.21.18 01.54 | | |
| 1,4-Difluorobenzene | 540-36-3 | 96 | % | 70-130 | 04.21.18 01.54 | | |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-7 (1-2)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-035

Date Collected: 04.12.18 11.48

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.24.18 10.00

Basis: Wet Weight

Seq Number: 3047876

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 51.1 | 5.00 | mg/kg | 04.25.18 16.00 | | 1 |



Certificate of Analytical Results 582635



Larson & Associates, Midland, TX

Will 693 Pasture

Sample Id: **DP-7 (2-3)**

Matrix: Soil

Date Received: 04.17.18 08.35

Lab Sample Id: 582635-036

Date Collected: 04.12.18 11.52

Analytical Method: Inorganic Anions by EPA 300/300.1

Prep Method: E300P

Tech: OJS

% Moisture:

Analyst: SCM

Date Prep: 04.25.18 10.30

Basis: Wet Weight

Seq Number: 3047921

| Parameter | Cas Number | Result | RL | Units | Analysis Date | Flag | Dil |
|-----------|------------|--------|------|-------|----------------|------|-----|
| Chloride | 16887-00-6 | 280 | 4.99 | mg/kg | 04.25.18 19.09 | | 1 |

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the quantitation limit and above the detection limit.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

Larson & Associates
Will 693 Pasture

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3047876

Matrix: Solid

Prep Method: E300P

MB Sample Id: 7643269-1-BLK

LCS Sample Id: 7643269-1-BKS

Date Prep: 04.24.18

LCSD Sample Id: 7643269-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <5.00 | 250 | 226 | 90 | 228 | 91 | 90-110 | 1 | 20 | mg/kg | 04.25.18 13:06 | |

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3047921

Matrix: Solid

Prep Method: E300P

MB Sample Id: 7643359-1-BLK

LCS Sample Id: 7643359-1-BKS

Date Prep: 04.25.18

LCSD Sample Id: 7643359-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| Chloride | <5.00 | 250 | 226 | 90 | 226 | 90 | 90-110 | 0 | 20 | mg/kg | 04.25.18 16:24 | |

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3047876

Matrix: Soil

Prep Method: E300P

Parent Sample Id: 582635-001

MS Sample Id: 582635-001 S

Date Prep: 04.24.18

MSD Sample Id: 582635-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | <4.98 | 249 | 241 | 97 | 240 | 96 | 90-110 | 0 | 20 | mg/kg | 04.25.18 13:24 | |

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3047876

Matrix: Soil

Prep Method: E300P

Parent Sample Id: 582635-020

MS Sample Id: 582635-020 S

Date Prep: 04.24.18

MSD Sample Id: 582635-020 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | <5.00 | 250 | 245 | 98 | 243 | 97 | 90-110 | 1 | 20 | mg/kg | 04.25.18 14:48 | |

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3047921

Matrix: Soil

Prep Method: E300P

Parent Sample Id: 582946-003

MS Sample Id: 582946-003 S

Date Prep: 04.25.18

MSD Sample Id: 582946-003 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | <5.00 | 250 | 240 | 96 | 240 | 96 | 90-110 | 0 | 20 | mg/kg | 04.25.18 16:42 | |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference $[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
Log Diff. = Log(Sample Duplicate) - Log(Original Sample)LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD ResultMS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Larson & Associates
Will 693 Pasture

Analytical Method: Inorganic Anions by EPA 300/300.1

Seq Number: 3047921

Matrix: Soil

Prep Method: E300P

Parent Sample Id: 582946-006

MS Sample Id: 582946-006 S

Date Prep: 04.25.18

MSD Sample Id: 582946-006 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|-----------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Chloride | 28.3 | 249 | 291 | 106 | 281 | 101 | 90-110 | 3 | 20 | mg/kg | 04.25.18 18:57 | |

Analytical Method: TPH by Texas1005

Seq Number: 3047232

Matrix: Solid

Prep Method: TX1005P

MB Sample Id: 7642926-1-BLK

LCS Sample Id: 7642926-1-BKS

Date Prep: 04.18.18

LCSD Sample Id: 7642926-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|----------------------------|-----------|--------------|------------|----------|-------------|-----------|--------|------|-----------|-------|----------------|------|
| C6-C12 Range Hydrocarbons | <25.0 | 1000 | 1070 | 107 | 1060 | 106 | 75-125 | 1 | 20 | mg/kg | 04.18.18 23:42 | |
| C12-C28 Range Hydrocarbons | <25.0 | 1000 | 1050 | 105 | 1050 | 105 | 75-125 | 0 | 20 | mg/kg | 04.18.18 23:42 | |

| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|-----------|-----------|--------|-------|----------------|
| o-Terphenyl | 102 | | 115 | | 116 | | 70-130 | % | 04.18.18 23:42 |
| 1-Chlorooctane | 95 | | 110 | | 114 | | 70-130 | % | 04.18.18 23:42 |

Analytical Method: TPH by Texas1005

Seq Number: 3047232

Matrix: Soil

Prep Method: TX1005P

Parent Sample Id: 582919-002

MS Sample Id: 582919-002 S

Date Prep: 04.18.18

MSD Sample Id: 582919-002 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|----------------------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| C6-C12 Range Hydrocarbons | <25.0 | 999 | 1000 | 100 | 1100 | 110 | 75-125 | 10 | 30 | mg/kg | 04.19.18 00:59 | |
| C12-C28 Range Hydrocarbons | <25.0 | 999 | 1010 | 101 | 1120 | 112 | 75-125 | 10 | 30 | mg/kg | 04.19.18 00:59 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------|---------|---------|----------|----------|--------|-------|----------------|
| o-Terphenyl | 105 | | 115 | | 70-130 | % | 04.19.18 00:59 |
| 1-Chlorooctane | 108 | | 115 | | 70-130 | % | 04.19.18 00:59 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference $[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 $\text{Log Diff.} = \text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$ LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD ResultMS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Larson & Associates
Will 693 Pasture

Analytical Method: BTEX by EPA 8021B

Seq Number: 3047447

MB Sample Id: 7643115-1-BLK

Matrix: Solid

LCS Sample Id: 7643115-1-BKS

Prep Method: SW5030B

Date Prep: 04.20.18

LCSD Sample Id: 7643115-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|----------------------|--------------|-----------------|---------------|-------------|----------------|--------------|--------|------|-----------|-------|------------------|------|
| Benzene | <0.00202 | 0.101 | 0.113 | 112 | 0.120 | 120 | 70-130 | 6 | 35 | mg/kg | 04.20.18 11:58 | |
| Toluene | <0.00202 | 0.101 | 0.109 | 108 | 0.115 | 115 | 70-130 | 5 | 35 | mg/kg | 04.20.18 11:58 | |
| Ethylbenzene | <0.00202 | 0.101 | 0.110 | 109 | 0.115 | 115 | 70-130 | 4 | 35 | mg/kg | 04.20.18 11:58 | |
| m,p-Xylenes | <0.00403 | 0.202 | 0.224 | 111 | 0.236 | 117 | 70-130 | 5 | 35 | mg/kg | 04.20.18 11:58 | |
| o-Xylene | <0.00202 | 0.101 | 0.110 | 109 | 0.115 | 115 | 70-130 | 4 | 35 | mg/kg | 04.20.18 11:58 | |
| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | | | Units | Analysis Date | |
| 1,4-Difluorobenzene | 94 | | 101 | | 103 | | 70-130 | | | % | 04.20.18 11:58 | |
| 4-Bromofluorobenzene | 78 | | 92 | | 93 | | 70-130 | | | % | 04.20.18 11:58 | |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3047448

MB Sample Id: 7643121-1-BLK

Matrix: Solid

LCS Sample Id: 7643121-1-BKS

Prep Method: SW5030B

Date Prep: 04.20.18

LCSD Sample Id: 7643121-1-BSD

| Parameter | MB Result | Spike Amount | LCS Result | LCS %Rec | LCSD Result | LCSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|----------------------|-----------|--------------|------------|----------|-------------|-----------|--------|-------|----------------|-------|----------------|------|
| Benzene | <0.00200 | 0.0998 | 0.115 | 115 | 0.112 | 111 | 70-130 | 3 | 35 | mg/kg | 04.20.18 23:20 | |
| Toluene | <0.00200 | 0.0998 | 0.108 | 108 | 0.107 | 106 | 70-130 | 1 | 35 | mg/kg | 04.20.18 23:20 | |
| Ethylbenzene | <0.00200 | 0.0998 | 0.109 | 109 | 0.107 | 106 | 70-130 | 2 | 35 | mg/kg | 04.20.18 23:20 | |
| m,p-Xylenes | <0.00399 | 0.200 | 0.221 | 111 | 0.218 | 108 | 70-130 | 1 | 35 | mg/kg | 04.20.18 23:20 | |
| o-Xylene | <0.00200 | 0.0998 | 0.111 | 111 | 0.109 | 108 | 70-130 | 2 | 35 | mg/kg | 04.20.18 23:20 | |
| Surrogate | MB %Rec | MB Flag | LCS %Rec | LCS Flag | LCSD %Rec | LCSD Flag | Limits | Units | Analysis Date | Flag | | |
| 1,4-Difluorobenzene | 97 | | 100 | | 100 | | 70-130 | % | 04.20.18 23:20 | | | |
| 4-Bromofluorobenzene | 76 | | 90 | | 99 | | 70-130 | % | 04.20.18 23:20 | | | |

Analytical Method: BTEX by EPA 8021B

Seq Number: 3047447

Parent Sample Id: 583094-001

Matrix: Soil

MS Sample Id: 583094-001 S

Prep Method: SW5030B

Date Prep: 04.20.18

MSD Sample Id: 583094-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|----------------------|---------------|--------------|-----------|---------|------------|----------|----------|--------|-----------|-------|----------------|------|
| Benzene | <0.00200 | 0.100 | 0.0645 | 65 | 0.0771 | 77 | 70-130 | 18 | 35 | mg/kg | 04.20.18 12:35 | X |
| Toluene | <0.00200 | 0.100 | 0.0546 | 55 | 0.0657 | 66 | 70-130 | 18 | 35 | mg/kg | 04.20.18 12:35 | X |
| Ethylbenzene | <0.00200 | 0.100 | 0.0467 | 47 | 0.0582 | 58 | 70-130 | 22 | 35 | mg/kg | 04.20.18 12:35 | X |
| m,p-Xylenes | <0.00401 | 0.200 | 0.0943 | 47 | 0.117 | 59 | 70-130 | 21 | 35 | mg/kg | 04.20.18 12:35 | X |
| o-Xylene | <0.00200 | 0.100 | 0.0476 | 48 | 0.0588 | 59 | 70-130 | 21 | 35 | mg/kg | 04.20.18 12:35 | X |
| Surrogate | | | MS %Rec | MS Flag | | MSD %Rec | MSD Flag | Limits | | Units | Analysis Date | |
| 1,4-Difluorobenzene | | | 89 | | | 92 | | 70-130 | | % | 04.20.18 12:35 | |
| 4-Bromofluorobenzene | | | 88 | | | 85 | | 70-130 | | % | 04.20.18 12:35 | |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference $[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 $\text{Log Diff.} = \text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$ LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD ResultMS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec



Larson & Associates

Will 693 Pasture

Analytical Method: BTEX by EPA 8021B

Seq Number: 3047448

Parent Sample Id: 582929-001

Matrix: Soil

MS Sample Id: 582929-001 S

Prep Method: SW5030B

Date Prep: 04.20.18

MSD Sample Id: 582929-001 SD

| Parameter | Parent Result | Spike Amount | MS Result | MS %Rec | MSD Result | MSD %Rec | Limits | %RPD | RPD Limit | Units | Analysis Date | Flag |
|--------------|---------------|--------------|-----------|---------|------------|----------|--------|------|-----------|-------|----------------|------|
| Benzene | <0.00199 | 0.0996 | 0.0945 | 95 | 0.108 | 108 | 70-130 | 13 | 35 | mg/kg | 04.20.18 23:59 | |
| Toluene | <0.00199 | 0.0996 | 0.0869 | 87 | 0.0957 | 96 | 70-130 | 10 | 35 | mg/kg | 04.20.18 23:59 | |
| Ethylbenzene | <0.00199 | 0.0996 | 0.0820 | 82 | 0.0865 | 87 | 70-130 | 5 | 35 | mg/kg | 04.20.18 23:59 | |
| m,p-Xylenes | <0.00398 | 0.199 | 0.166 | 83 | 0.175 | 88 | 70-130 | 5 | 35 | mg/kg | 04.20.18 23:59 | |
| o-Xylene | <0.00199 | 0.0996 | 0.0858 | 86 | 0.0883 | 88 | 70-130 | 3 | 35 | mg/kg | 04.20.18 23:59 | |

| Surrogate | MS %Rec | MS Flag | MSD %Rec | MSD Flag | Limits | Units | Analysis Date |
|----------------------|---------|---------|----------|----------|--------|-------|----------------|
| 1,4-Difluorobenzene | 102 | | 104 | | 70-130 | % | 04.20.18 23:59 |
| 4-Bromofluorobenzene | 100 | | 91 | | 70-130 | % | 04.20.18 23:59 |

MS/MSD Percent Recovery
Relative Percent Difference
LCS/LCSD Recovery
Log Difference

$[D] = 100 * (C - A) / B$
 $RPD = 200 * |(C - E) / (C + E)|$
 $[D] = 100 * (C) / [B]$
 $\text{Log Diff.} = \text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Date Reported to:

DATE: 4-13-2018
PO #: 5821035
PROJECT LOCATION OR NAME: Will 693 Pasture
LAB PROJECT #: 17-0175-10
LAB WORK ORDER #: 1
COLLECTOR: JMW/IDS

TRRP report?
☐ Yes ☒ No

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

TIME ZONE:
Time zone/State:

MST

Field Sample I.D.

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃

H₂SO₄ ☐ NaOH ☐

ICE

UNPRESERVED

PRESERVATION

ANALYSES

BTEX ☒ MTBE ☐

TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐

GASOLINE MOD 8015 ☒ DIESEL MOD 8015 ☒

VOC 8260 ☐ SVOC 8270 ☐

8081 PESTICIDES ☐ 8082 PESTICIDES ☐

8083 PESTICIDES ☐ 8084 PESTICIDES ☐

8085 PESTICIDES ☐ 8086 PESTICIDES ☐

8087 PESTICIDES ☐ 8088 PESTICIDES ☐

8089 PESTICIDES ☐ 8090 PESTICIDES ☐

8091 PESTICIDES ☐ 8092 PESTICIDES ☐

8093 PESTICIDES ☐ 8094 PESTICIDES ☐

8095 PESTICIDES ☐ 8096 PESTICIDES ☐

8097 PESTICIDES ☐ 8098 PESTICIDES ☐

8099 PESTICIDES ☐ 8100 PESTICIDES ☐

8101 PESTICIDES ☐ 8102 PESTICIDES ☐

8103 PESTICIDES ☐ 8104 PESTICIDES ☐

8105 PESTICIDES ☐ 8106 PESTICIDES ☐

8107 PESTICIDES ☐ 8108 PESTICIDES ☐

8109 PESTICIDES ☐ 8110 PESTICIDES ☐

8111 PESTICIDES ☐ 8112 PESTICIDES ☐

8113 PESTICIDES ☐ 8114 PESTICIDES ☐

8115 PESTICIDES ☐ 8116 PESTICIDES ☐

8117 PESTICIDES ☐ 8118 PESTICIDES ☐

8119 PESTICIDES ☐ 8120 PESTICIDES ☐

8121 PESTICIDES ☐ 8122 PESTICIDES ☐

8123 PESTICIDES ☐ 8124 PESTICIDES ☐

8125 PESTICIDES ☐ 8126 PESTICIDES ☐

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8133 PESTICIDES ☐ 8134 PESTICIDES ☐

8135 PESTICIDES ☐ 8136 PESTICIDES ☐

8137 PESTICIDES ☐ 8138 PESTICIDES ☐

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8149 PESTICIDES ☐ 8150 PESTICIDES ☐

8151 PESTICIDES ☐ 8152 PESTICIDES ☐

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8161 PESTICIDES ☐ 8162 PESTICIDES ☐

8163 PESTICIDES ☐ 8164 PESTICIDES ☐

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8167 PESTICIDES ☐ 8168 PESTICIDES ☐

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8197 PESTICIDES ☐ 8198 PESTICIDES ☐

8199 PESTICIDES ☐ 8200 PESTICIDES ☐

8201 PESTICIDES ☐ 8202 PESTICIDES ☐

8203 PESTICIDES ☐ 8204 PESTICIDES ☐

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8211 PESTICIDES ☐ 8212 PESTICIDES ☐

8213 PESTICIDES ☐ 8214 PESTICIDES ☐

8215 PESTICIDES ☐ 8216 PESTICIDES ☐

8217 PESTICIDES ☐ 8218 PESTICIDES ☐

8219 PESTICIDES ☐ 8220 PESTICIDES ☐

8221 PESTICIDES ☐ 8222 PESTICIDES ☐

8223 PESTICIDES ☐ 8224 PESTICIDES ☐

8225 PESTICIDES ☐ 8226 PESTICIDES ☐

8227 PESTICIDES ☐ 8228 PESTICIDES ☐

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8237 PESTICIDES ☐ 8238 PESTICIDES ☐

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8243 PESTICIDES ☐ 8244 PESTICIDES ☐

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8255 PESTICIDES ☐ 8256 PESTICIDES ☐

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8259 PESTICIDES ☐ 8260 PESTICIDES ☐

8261 PESTICIDES ☐ 8262 PESTICIDES ☐

8263 PESTICIDES ☐ 8264 PESTICIDES ☐

8265 PESTICIDES ☐ 8266 PESTICIDES ☐

8267 PESTICIDES ☐ 8268 PESTICIDES ☐

8269 PESTICIDES ☐ 8270 PESTICIDES ☐

8271 PESTICIDES ☐ 8272 PESTICIDES ☐

8273 PESTICIDES ☐ 8274 PESTICIDES ☐

8275 PESTICIDES ☐ 8276 PESTICIDES ☐

8277 PESTICIDES ☐ 8278 PESTICIDES ☐

8279 PESTICIDES ☐ 8280 PESTICIDES ☐

8281 PESTICIDES ☐ 8282 PESTICIDES ☐

8283 PESTICIDES ☐ 8284 PESTICIDES ☐

8285 PESTICIDES ☐ 8286 PESTICIDES ☐

8287 PESTICIDES ☐ 8288 PESTICIDES ☐

8289 PESTICIDES ☐ 8290 PESTICIDES ☐

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8293 PESTICIDES ☐ 8294 PESTICIDES ☐

8295 PESTICIDES ☐ 8296 PESTICIDES ☐

8297 PESTICIDES ☐ 8298 PESTICIDES ☐

8299 PESTICIDES ☐ 8300 PESTICIDES ☐

8301 PESTICIDES ☐ 8302 PESTICIDES ☐

8303 PESTICIDES ☐ 8304 PESTICIDES ☐

8305 PESTICIDES ☐ 8306 PESTICIDES ☐

8307 PESTICIDES ☐ 8308 PESTICIDES ☐

8309 PESTICIDES ☐ 8310 PESTICIDES ☐

8311 PESTICIDES ☐ 8312 PESTICIDES ☐

8313 PESTICIDES ☐ 8314 PESTICIDES ☐

8315 PESTICIDES ☐ 8316 PESTICIDES ☐

8317 PESTICIDES ☐ 8318 PESTICIDES ☐

8319 PESTICIDES ☐ 8320 PESTICIDES ☐

8321 PESTICIDES ☐ 8322 PESTICIDES ☐

8323 PESTICIDES ☐ 8324 PESTICIDES ☐

8325 PESTICIDES ☐ 8326 PESTICIDES ☐

8327 PESTICIDES ☐ 8328 PESTICIDES ☐

8329 PESTICIDES ☐ 8330 PESTICIDES ☐

8331 PESTICIDES ☐ 8332 PESTICIDES ☐

8333 PESTICIDES ☐ 8334 PESTICIDES ☐

8335 PESTICIDES ☐ 8336 PESTICIDES ☐

8337 PESTICIDES ☐ 8338 PESTICIDES ☐

8339 PESTICIDES ☐ 8340 PESTICIDES ☐

8341 PESTICIDES ☐ 8342 PESTICIDES ☐

8343 PESTICIDES ☐ 8344 PESTICIDES ☐

8345 PESTICIDES ☐ 8346 PESTICIDES ☐

8347 PESTICIDES ☐ 8348 PESTICIDES ☐

8349 PESTICIDES ☐ 8350 PESTICIDES ☐

8351 PESTICIDES ☐ 8352 PESTICIDES ☐

8353 PESTICIDES ☐ 8354 PESTICIDES ☐

8355 PESTICIDES ☐ 8356 PESTICIDES ☐

8357 PESTICIDES ☐ 8358 PESTICIDES ☐

8359 PESTICIDES ☐ 8360 PESTICIDES ☐

8361 PESTICIDES ☐ 8362 PESTICIDES ☐

8363 PESTICIDES ☐ 8364 PESTICIDES ☐

8365 PESTICIDES ☐ 8366 PESTICIDES ☐

8367 PESTICIDES ☐ 8368 PESTICIDES ☐

8369 PESTICIDES ☐ 8370 PESTICIDES ☐

8371 PESTICIDES ☐ 8372 PESTICIDES ☐

8373 PESTICIDES ☐ 8374 PESTICIDES ☐

8375 PESTICIDES ☐ 8376 PESTICIDES ☐

8377 PESTICIDES ☐ 8378 PESTICIDES ☐

8379 PESTICIDES ☐ 8380 PESTICIDES ☐

8381 PESTICIDES ☐ 8382 PESTICIDES ☐

8383 PESTICIDES ☐ 8384 PESTICIDES ☐

8385 PESTICIDES ☐ 8386 PESTICIDES ☐

8387 PESTICIDES ☐ 8388 PESTICIDES ☐

8389 PESTICIDES ☐ 8390 PESTICIDES ☐

8391 PESTICIDES ☐ 8392 PESTICIDES ☐

8393 PESTICIDES ☐ 8394 PESTICIDES ☐

8395 PESTICIDES ☐ 8396 PESTICIDES ☐

8397 PESTICIDES ☐ 8398 PESTICIDES ☐

8399 PESTICIDES ☐ 8400 PESTICIDES ☐

8401 PESTICIDES ☐ 8402 PESTICIDES ☐

8403 PESTICIDES ☐ 8404 PESTICIDES ☐

8405 PESTICIDES ☐ 8406 PESTICIDES ☐

8407 PESTICIDES ☐ 8408 PESTICIDES ☐

8409 PESTICIDES ☐ 8410 PESTICIDES ☐

8411 PESTICIDES ☐ 8

Data Reported to:

DATE: 4-13-2018
PO #: 582635
PROJECT LOCATION OR NAME: Will 693 Pasture
LAI PROJECT #: 17-0175-16
LAB WORK ORDER #: 3
COLLECTOR: JMW LPS

PAGE 2 OF 3

| | | | | | |
|--|-------|--|-------|----------------------------------|-----------------|
| TRRP report? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | S=SOIL W=WATER A=AIR | | P=PAINT SL=SLUDGE OT=OTHER | |
| TIME ZONE: Time zone/State: MST | | | | | |
| Field Sample I.D. | Lab # | Date | Time | Matrix | # of Containers |
| DP-4 10-1) | | 4-12-18 | 9:54 | S | 1 |
| (1-2) | | | 9:57 | | |
| (2-3) | | | 10:00 | | |
| (3-4) | | | 10:00 | | |
| (4-6) | | | 10:27 | | |
| (6-8) | | | 10:32 | | |
| DP-5 10-1) | | | 10:35 | | |
| (1-2) | | | 10:38 | | |
| (2-3) | | | 10:41 | | |
| (3-4) | | | 10:44 | | |
| (4-6) | | | 10:53 | | |
| (6-8) | | | 10:56 | | |
| TOTAL | | | | | |
| RELINQUISHED BY: (Signature) Debra Underhill | | DATE/TIME 4/13/18 | | RECEIVED BY: (Signature) JMW | |
| RELINQUISHED BY: (Signature) | | DATE/TIME | | RECEIVED BY: (Signature) | |
| RELINQUISHED BY: (Signature) | | DATE/TIME | | RECEIVED BY: (Signature) | |
| TURN AROUND TIME NORMAL <input checked="" type="checkbox"/> 1 DAY <input type="checkbox"/> 2 DAY <input type="checkbox"/> OTHER <input type="checkbox"/> | | LABORATORY INFO RE Temp: -1.1 CU CF: (0-6: -0.2°C) (6-23: +0.2°C) Corrected Temp: -1.3 IR ID: R-8 JSED | | | |

- ANALYSES**
- BTEX ☒ MTBE ☐
 - TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐
 - GASOLINE MOD 8015 ☒
 - DIESEL - MOD 8015 ☒
 - VOC 8260 ☐
 - SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐
 - 8081 PESTICIDES ☐ 8151 HERBICIDES ☐
 - 8082 PCBs ☐
 - TCLP - METALS (RCRA) ☐ TCLP VOC ☐
 - TCLP - PEST ☐ HERB ☐ Semi-VOC ☐
 - TOTAL METALS (RCRA) ☐ D.W. 200.8 ☐ TCLP ☐
 - LEAD - TOTAL ☐ TOX ☐ FLASHPOINT ☐
 - RCl ☐ TSS ☐ % MOISTURE ☐
 - PH ☐ HEXAVALENT CHROMIUM ☐
 - EXPLOSIVES ☐ PECHLORATE ☐
 - CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐
 - INPCO ☐
 - HOLD ☐

FIELD NOTES

507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 4-13-18 PAGE 3 OF 3
PO #: _____ LAB WORK ORDER #:
PROJECT LOCATION OR NAME: Will 1093 Pasture
LAI PROJECT #: 17-D175-160 COLLECTOR: JW1DS

LAB WORK ORDER #:

PAGE 3 OF 3

582685 CHAIN-OF-CUSTODY

| TRRP report? | | S=SOIL | P=PAINT |
|------------------------------|--|-------------------------|-----------|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | W=WATER | SL=SLUDGE |
| | | A=AIR | OT=OTHER |
| TIME ZONE: | | | |
| Time zone/State: | | | |
| MST | | | |
| Field Sample I.D. | Lab # | Date | Time |
| DP-10 (D-1) | | 4/12/18 | 11:01 |
| (1-2) | | | 11:04 |
| (2-3) | | | 11:08 |
| (3-4) | | | 11:13 |
| DP-1 (D-1) | | | 11:23 |
| (1-2) | | | 11:26 |
| (2-3) | | | 11:29 |
| (3-4) | | | 11:34 |
| (4-6) | | | 11:37 |
| DP-7 (D-1) | | | 11:45 |
| (1-2) | | | 11:48 |
| (2-3) | | | 11:52 |
| (3-4) | | | 11:56 |
| (4-6) | | | 12:01 |
| (6-7) | | | 12:03 |
| TOTAL | | | |
| RELINQUISHED BY:(Signature) | DATE/TIME | RECEIVED BY:(Signature) | DATE/TIME |
| Debra Winkler | 4/13/18 | [Signature] | 4/13/18 |
| RELINQUISHED BY:(Signature) | DATE/TIME | RECEIVED BY:(Signature) | DATE/TIME |
| | | | |
| RELINQUISHED BY:(Signature) | DATE/TIME | RECEIVED BY:(Signature) | DATE/TIME |
| XPNLD | | | |

PRESERVATION

HCl ☐

HNO₃ ☐

H₂SO₄ ☐ NaOH ☐

ICE ☐

UNPRESERVED ☐

ANALYSES

BTEX ☒ MTBE ☐

TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐

GASOLINE MOD 8015 ☒

DIESEL - MOD 8015 ☒

VOC 8260 ☐

SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐

8081 PESTICIDES ☐ 8151 HERBICIDES ☐

8082 PCBs ☐

TCLP - METALS (RCRA) ☐ TCLP VOC ☐

TCLP - PEST ☐ Herb ☐ Semi-VOC ☐

TOTAL METALS (RCRA) ☐ OTHER LIST ☐

LEAD - TOTAL ☐ D.W 200.8 ☐ TCLP ☐

RGI ☐ TOX ☐ FLASHPOINT ☐

TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐

PH ☐ HEXAVALENT CHROMIUM ☐

EXPLOSIVES ☐ PECHLORATE ☐

CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐

TURN AROUND TIME

NORMAL ☒

1 DAY ☐

2 DAY ☐

OTHER ☐

LABORATORY USE ONLY:

Temp: -1.1 IR ID: R-8

CF: (0-6: -0.2°C)

(6-23: +0.2°C)

Corrected Temp: -1.3

T USED

FIELD NOTES

11300

HOLD



XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In



Client: Larson & Associates

Date/ Time Received: 04/17/2018 08:35:00 AM

Work Order #: 582635

Acceptable Temperature Range: 0 - 6 degC

Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : R8

Sample Receipt Checklist

Comments

| | |
|---|------|
| #1 *Temperature of cooler(s)? | -1.3 |
| #2 *Shipping container in good condition? | Yes |
| #3 *Samples received on ice? | Yes |
| #4 *Custody Seals intact on shipping container/ cooler? | N/A |
| #5 Custody Seals intact on sample bottles? | N/A |
| #6 *Custody Seals Signed and dated? | N/A |
| #7 *Chain of Custody present? | Yes |
| #8 Any missing/extra samples? | No |
| #9 Chain of Custody signed when relinquished/ received? | Yes |
| #10 Chain of Custody agrees with sample labels/matrix? | Yes |
| #11 Container label(s) legible and intact? | Yes |
| #12 Samples in proper container/ bottle? | Yes |
| #13 Samples properly preserved? | Yes |
| #14 Sample container(s) intact? | Yes |
| #15 Sufficient sample amount for indicated test(s)? | Yes |
| #16 All samples received within hold time? | Yes |
| #17 Subcontract of sample(s)? | N/A |
| #18 Water VOC samples have zero headspace? | N/A |

* Must be completed for after-hours delivery of samples prior to placing in the refrigerator

Analyst:

PH Device/Lot#:

Checklist completed by:

Brianna Teel

Brianna Teel

Date: 04/17/2018

Checklist reviewed by:

Kelsey Brooks

Kelsey Brooks

Date: 04/18/2018

Appendix D
Waste Manifests

GANDY MARLEY, INC.PO BOX 1658
ROSWELL, NM 88202**INVOICE**

Invoice Number: 23567

Invoice Date: Jan 29, 2016

Page: 1

Duplicate

Voice: 575-347-0434

Fax: 575-347-0435

Bill To:LEGACEY OPERATING
PO BOX 10848
Midland, TX 79702**Ship to:**LEGACEY OPERATING
PO BOX 10848
Midland, TX 79702

| Customer ID | Customer PO | Payment Terms | |
|--------------|-------------------|---------------|----------|
| LEGACEY | WILL 693 LTD BATT | Net 30 Days | |
| Sales Rep ID | Shipping Method | Ship Date | Due Date |
| | Courier | | 2/28/16 |

| Quantity | Item | Description | Unit Price | Amount |
|------------------------|------------------|---------------------------|------------|-----------------|
| 516.00 | OCD EXEMPT SOILS | OCD EXEMPT SOILS DISPOSAL | 16.00 | 8,256.00 |
| Subtotal | | | | 8,256.00 |
| Sales Tax | | | | 531.48 |
| Total Invoice Amount | | | | 8,787.48 |
| Payment/Credit Applied | | | | |
| TOTAL | | | | 8,787.48 |

Check/Credit Memo No:

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30026

LEASE OPERATOR/SHIPPER/COMPANY:

LEGACY

LEASE NAME:

WILL 693 LTD BATTERY

TRANSPORTER COMPANY:

RAMIREZ TRUCK

TIME:

AM/PM

DATE:

01-26-16

VEHICLE NO.:

321

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description:

OILY DIRT

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 20 : CELL# _____ : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

JOSEPH RAMIREZ

FACILITY REPRESENTATIVE:

JOSE R. CASEA

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30027

LEASE OPERATOR/SHIPPER/COMPANY:

LEGACY

LEASE NAME:

WILL 693 LTD BATTERY

TRANSPORTER COMPANY:

RAMIREZ TRUCK

TIME:

AM/PM

DATE:

01-26-16

VEHICLE NO.:

651

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description: OILY DRIFT

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 20 : CELL# : []

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

Ramon Ramirez

FACILITY REPRESENTATIVE:

JOSE R. GARCIA

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31240

LEASE OPERATOR/SHIPPER/COMPANY: ~~Trinity Oil Field~~ *LEGACY*

LEASE NAME: *Will 693 LTD BARRY*

TRANSPORTER COMPANY: *Trinity Oil Field* TIME: *10:00 AM/PM*

DATE: *1/26/10* VEHICLE NO.: *F-5* DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

Description: *Dily Dr*

[] BS&W content: _____

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS *20* : CELL# *LF* : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: *Salvador Nolasco*

FACILITY REPRESENTATIVE: *[Signature]*

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY-MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31241

LEASE OPERATOR/SHIPPER/COMPANY: Legacy

LEASE NAME: Will CS3 LTD Battery

TRANSPORTER COMPANY: NXM Trucking

TIME: 10:20 AM

DATE: 1/26/16

VEHICLE NO.: 1

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description: FILDIR

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# LF : [] _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: JLR

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31243

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME:

TRANSPORTER COMPANY:

TIME: 10:20 AM PM

DATE: 1/26/14

VEHICLE NO.:

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

☐ BS&W content: _____

Description:

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS

12

: CELL#

LF

: []

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

FACILITY REPRESENTATIVE:

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY-MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31244

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 693 LTD BATTERY

TRANSPORTER COMPANY: Familias Oil Field TIME: 10:20 AM / PM

DATE: 1/26/16 VEHICLE NO.: F-9 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material: ☒ Contaminated soil [] C-117 No.: _____

Description: Dil Dirt [] BS&W content: _____

COMPANY CONTACT:

VOLUME OF MATERIAL [] : YARDS 20 : CELL# LF : [] _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: Augustin Gonzales

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31245

LEASE OPERATOR/SHIPPER/COMPANY: LEOACH

LEASE NAME: Will CG3 LTD BATTERY

TRANSPORTER COMPANY: RAMERES Trading

TIME: 10:50 AM/PM

DATE: 1/26/16

VEHICLE NO.: 381

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description: Oil Die

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 20 : CELL# LF : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: JOSEPH RAMERES

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No.31246

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 193 LTD BATTERY

TRANSPORTER COMPANY: RAMIREZ TRUCK TIME: 10:45 AM / PM

DATE: 1/26/16 VEHICLE NO.: 651 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.:

651

[] PS&W content:

Description:

DIL DIRT

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 20 : CELL# 1E : []

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER:

JO Ramon Ramirez

FACILITY REPRESENTATIVE:

[Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31247

LEASE OPERATOR/SHIPPER/COMPANY: LEOACY

LEASE NAME: Will 693 LTD SATER

TRANSPORTER COMPANY: Trinity Oil Field TIME: 10:58 AM PM

DATE: 1/26/16 VEHICLE NO.: 33 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material: ☒ Contaminated soil [] C-117 No.: _____

[] BS&W content: _____

Description: DILDIR

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# LF : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31248

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 293 LTD Battery

TRANSPORTER COMPANY: Family Oil & Gas Service TIME: 11:00 AM/PM

DATE: 1/26/16 VEHICLE NO.: F-4 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material: ☒ Contaminated soil [] C-117 No.: _____

Description: DIL DIRT [] BS&W content: _____

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# LF : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY-MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31249

LEASE OPERATOR/SHIPPER/COMPANY: LERACY

LEASE NAME: Will 693 LTD Battery

TRANSPORTER COMPANY: Family OLC TIME: 11:25 AM/PM

DATE: 1/26/16 VEHICLE NO.: #2 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material: ☒ Contaminated soil [] C-117 No.: _____

Description: O.L.D. [] BS&W content: _____

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# LF : [] _____

AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY-MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY-MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY·MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31257

LEASE OPERATOR/SHIPPER/COMPANY: LEACY

LEASE NAME: Will 693 LTD

TRANSPORTER COMPANY: NXM Trucking

TIME: 1:40 AM/PM

DATE: 1/24/16

VEHICLE NO.: 71

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description: O.L. Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# LF : [] _____

AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY·MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31258

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 693 LTD Tank Battery

TRANSPORTER COMPANY: Frimley Oil Field TIME: 12:55 AM/PM

DATE: 1/26/16 VEHICLE NO.: #5 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ B&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Salvador B. B. B.

FACILITY REPRESENTATIVE: _____

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31259

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 693 LTD TANK BATTERY

TRANSPORTER COMPANY: Family D.L.F.

TIME: 1:10 AM

DATE: 1/26/16

VEHICLE NO.: F-3

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____
☐ BS&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Kevin Espino

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31261

LEASE OPERATOR/SHIPPER/COMPANY:

LEASE NAME:

TRANSPORTER COMPANY:

TIME: 1:35 AM/PM

DATE: 1/26/16

VEHICLE NO.: F-9

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description:

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

FACILITY REPRESENTATIVE:

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY·MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31262

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: WILL 693 LTP BARRY

TRANSPORTER COMPANY: FAMILY'S DIRT TIME: 1:35 AM PM

DATE: 1/26/16 VEHICLE NO.: F4 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil & Gas

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY·MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31263

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will CS LTD Tank Delivery

TRANSPORTER COMPANY: Family's D.L.S.

TIME: 1:40 AM/PM

DATE: 1/26/16

VEHICLE NO.: F2

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# 45 : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31264

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will CS< Tank Battery

TRANSPORTER COMPANY: ARMIRE

TIME: 1:50 AM PM

DATE: 1/26/16

VEHICLE NO.: 321

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil Dr

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: JOSEPH PAMPA

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31265

LEASE OPERATOR/SHIPPER/COMPANY: LEPACY

LEASE NAME: Will CS3 LTD Tank Battery

TRANSPORTER COMPANY: RAMIREZ

TIME: 1:55 AM/PM

DATE: 1/26/16

VEHICLE NO.: CS1

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ B&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Ramon Ramirez

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31269

LEASE OPERATOR/SHIPPER/COMPANY: Legacy

LEASE NAME: Well 643 LTD Battery

TRANSPORTER COMPANY: NXM Trucking TIME: 3:26 AM/PM

DATE: 01-26-12 VEHICLE NO.: #1 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil dnt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# _____ : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HEREWITH IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Jel

FACILITY REPRESENTATIVE: McDhan Maehen

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31270

LEASE OPERATOR/SHIPPER/COMPANY: Legacy

LEASE NAME: Well 693 LTD Battery

TRANSPORTER COMPANY:

TIME: 3:30 ~~AM~~ PM

DATE: 01-26-16 VEHICLE NO.: FS

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 20 : CELL# _____ : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Jeff Wade Decker

FACILITY REPRESENTATIVE: Matthew Mochen

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31272

LEASE OPERATOR/SHIPPER/COMPANY:

LEGACY

LEASE NAME:

WELL 693 LTD BATTERY

TRANSPORTER COMPANY:

FAMILY 5

TIME:

AM/PM

DATE: 01-26-16

VEHICLE NO.:

F3

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description:

OLY DIRT

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# _____ : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

Ken Espino

FACILITY REPRESENTATIVE:

JOSE A. GARCIA

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY·MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31273

LEASE OPERATOR/SHIPPER/COMPANY:

LEGACY

LEASE NAME:

WILL 693 LTD BATTERY

TRANSPORTER COMPANY:

FAMILY 5

TIME:

AM/PM

DATE:

01-26-16

VEHICLE NO.:

F2

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description: OILY DIRT

COMPANY CONTACT:

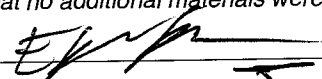
VOLUME OF MATERIAL [] : YARDS 12 : CELL# _____ : [] _____

AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY·MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:



FACILITY REPRESENTATIVE:

JOSE R. CASCH

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31274

LEASE OPERATOR/SHIPPER/COMPANY: LEOACY

LEASE NAME: WILL 893 LTD BATTERY

TRANSPORTER COMPANY: FAMILY-S TIME: AM/PM

DATE: 01-26-16 VEHICLE NO.: F 4 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material: ☒ Contaminated soil [] C-117 No.: _____

[] BS&W content: _____

Description: OILY DIRT

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# _____ : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Janice M. H.

FACILITY REPRESENTATIVE: JOSE B. GASCA

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 31275

LEASE OPERATOR/SHIPPER/COMPANY:

LEGACY

LEASE NAME:

WILL 693 LTD BATTERY

TRANSPORTER COMPANY:

FAMILY'S

TIME:

AM/PM

DATE: 01-26-16 VEHICLE NO.:

R9

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

[] Other Material:

☒ Contaminated soil

[] C-117 No.: _____

[] BS&W content: _____

Description: OLY DIRT

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 20 : CELL# _____ : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER:

Agustin Gonzalez

FACILITY REPRESENTATIVE:

JOSE B. CASCA

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No.30028

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will/693 LTD BATTERY

TRANSPORTER COMPANY: N + M Trucking

TIME: 9:55 AM/PM

DATE: 1/27/16

VEHICLE NO.: #1

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil/Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Lee

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30029

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 693 LTD Battery

TRANSPORTER COMPANY: Morillo Trucking TIME: 9:50 AM PM

DATE: 1/27/16 VEHICLE NO.: #2 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

Description: Dily Dirt ☐ BS&W content: _____

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30030

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will CS3 LTD Battery

TRANSPORTER COMPANY: Family's Disposal TIME: 10:00 AM/PM

DATE: 1/27/16 VEHICLE NO.: F-3 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

Description: Dily Dirt ☐ SS&W content: _____

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# CF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Kevin Espino

FACILITY REPRESENTATIVE: _____

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY·MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30031

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 693 LTD Battery

TRANSPORTER COMPANY: N+M Trading

TIME: 12:30 PM

DATE: 1/27/16

VEHICLE NO.: #11

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY·MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: JCP

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30035

LEASE OPERATOR/SHIPPER/COMPANY: Legacy

LEASE NAME: Will 693 LTD Shallow

TRANSPORTER COMPANY: Murillo Trucking TIME: 12:30 AM PM

DATE: 1/27/16 VEHICLE NO.: #2 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil & Gas

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# _____ : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30037

LEASE OPERATOR/SHIPPER/COMPANY: Legacy

LEASE NAME: W11 C93 LTD Battery

TRANSPORTER COMPANY: Family's Oilfield TIME: 12:45 AM ~~PM~~

DATE: 1/27/16 VEHICLE NO.: F-3 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☒ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ B&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL []: YARDS 12 : CELL# LF : [] _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, TRANSPORTER REPRESENTS AND WARRANTS THAT ONLY THE MATERIAL DELIVERED BY OPERATOR/SHIPPER TO TRANSPORTER IS NOW DELIVERED BY TRANSPORTER TO GANDY•MARLEY, INC.'S FACILITY FOR DISPOSAL.

THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Kevin Espino

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30038

LEASE OPERATOR/SHIPPER/COMPANY: LELACY

LEASE NAME: Will 693 LTD Battery

TRANSPORTER COMPANY: Trinity

TIME: 2:20 AM PM

DATE: 1/27/16 VEHICLE NO.: 33

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: Dily Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# LF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Rosa Martinez

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY·MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30039

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 683 LTD Battery

TRANSPORTER COMPANY: N+M Trucking

TIME: 3:10 AM ~~PM~~

DATE: 1/27/16

VEHICLE NO.: #1

DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material:

☐ Contaminated soil

☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil & Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# 4F : ☐ _____

AS A CONDITION TO GANDY·MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30040

LEASE OPERATOR/SHIPPER/COMPANY: LEGACY

LEASE NAME: Will 683 LTD Battery

TRANSPORTER COMPANY: Murillo Trucking TIME: 3:10 AM/PM

DATE: 1/27/16 VEHICLE NO.: 2 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ BS&W content: _____

Description: Dirty Dirt

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# CF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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DRIVER: [Signature]

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

GANDY•MARLEY, INC.

P.O. Box 1658
Roswell, NM 88202
(575) 347-0434
Fax (575) 347-0435

No. 30041

LEASE OPERATOR/SHIPPER/COMPANY: Legacy

LEASE NAME: Will 693 LTD Bldg

TRANSPORTER COMPANY: Family's Oilfield TIME: 2:15 AM ~~PM~~

DATE: 1/27/16 VEHICLE NO.: F-3 DRIVER NO.:

CHARGE TO:

TYPE OF MATERIAL

OCD

☐ Other Material: ☐ Contaminated soil ☐ C-117 No.: _____

☐ BS&W content: _____

Description: Oil & Gas

COMPANY CONTACT:

VOLUME OF MATERIAL ☐ : YARDS 12 : CELL# CF : ☐ _____

AS A CONDITION TO GANDY•MARLEY, INC.'S ACCEPTANCE OF THE MATERIALS SHIPPED WITH THIS JOB TICKET, OPERATOR/SHIPPER REPRESENTS AND WARRANTS THAT THE WASTE MATERIAL SHIPPED HERewith IS MATERIAL EXEMPT FROM THE RESOURCE, CONSERVATION AND RECOVERY ACT OF 1976, AS AMENDED FROM TIME TO TIME, 40 U.S.C. §6901, et seq., THE NM HEALTH AND SAF. CODE, §361.001, et seq. AND REGULATIONS RELATED THERETO, BY VIRTUE OF THE EXEMPTION AFFORDED CONTAMINATED SOILS AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

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THIS WILL CERTIFY that the above Transporter loaded the material represented by this Transporter Statement at the above described location, and that it was tendered by the above described shipper. This will certify that no additional materials were added to this load, and that the material was delivered without incident.

DRIVER: Kevin Espino

FACILITY REPRESENTATIVE: [Signature]

White - GMI

Canary - Shipper

Pink - GMI

Gold - Transporter

Appendix E
Photographs



Site Prior to Remediation Viewing Southwest



Site Prior to Remediation Viewing Southeast

1RP-4115
Will 693 Pasture
July 30, 2018



Site Prior to Remediation Viewing East



Site Following Remediation Viewing North



Site Following Remediation Viewing Northwest



Site Following Remediation Viewing Southwest



Site Following Remediation Viewing Southeast



Site Following Remediation Viewing East



Site Following Remediation Viewing West

Appendix F

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 October 10, 2003

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: Legacy Reserves, LP | Contact: Contact- Manuel Soriano |
| Address: 303 West Wall Street, Suite 1300 | Telephone No.: 432-269-8806 |
| Facility Name: Will 693 Pasture | Facility Type: Flowline |
| Surface Owner: Fee | Mineral Owner: Federal |
| Lease No.: 30-041-20848 | |

LOCATION OF RELEASE

| | | | | | | | | |
|------------------|---------------|----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------------|
| Unit Letter P | Section 34 | Township 8S | Range 35E | Feet from the 1830 | North/South Line South | Feet from the 1900 | East/West Line East | County Roosevelt |
|------------------|---------------|----------------|--------------|-----------------------|---------------------------|-----------------------|------------------------|---------------------|

Latitude: 33.573153 Longitude: -103.341043

NATURE OF RELEASE

| | | |
|--|---|---|
| Type of Release: Produced Fluids | Volume of Release: Unknown | Volume Recovered: Unknown |
| Source of Release: Flowline | Date and Hour of Occurrence: Unknown | Date and Hour of Discovery: January 26, 2016 |
| Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? | |
| By Whom? | Date and Hour | |
| 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.*

APPROVED

By Olivia Yu at 8:18 am, Sep 05, 2018

Describe Cause of Problem and Remedial Action Taken.*



A release was identified by the landowner whom notified Legacy. The spill appeared to be an old release that was unknown. Trinity Oilfield Services performed an assessment and OCD approved the remediation plan on January 26, 2016. Remediation was performed however no final report was submitted to OCD therefore remediation permit (RP) remained open.

Describe Area Affected and Cleanup Action Taken.*

Trinity excavated soil from the affected area to a depth of three (3) feet bgs and disposed the contaminated soil at Gandy Marley Landfill. A 20 mil liner was placed in the bottom of the excavation at 3 feet bgs per the OCD approved plan. The area was backfilled with clean soil and seeded.

On April 11-12, Larson and Associates, Inc. (LAI) personnel used direct push technology (DPT) to collect confirmation samples at three (3) locations (DP-3, DP-4, and DP-5) inside the remediated area and four (4) locations (DP-1, DP-2, DP-6, and DP-7) outside the remediated area including each cardinal direction (north, south, east and west) of the spill. The 20 mil liner was encountered in the remediated area at 3 feet bgs where sample collection terminated. Laboratory results confirm remediation was performed according to the plan as no concentrations of benzene, BTEX, TPH, or chloride were reported above the remediation action levels (RRAL). Legacy requests closure for 1RP-4115.

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.

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|--|--|------------------------------------|-----------------------------------|
| Signature:  | OIL CONSERVATION DIVISION | | |
| Printed Name: Manuel Soriano | Approved by District Supervisor:  | | |
| Title: Production Foreman – New Mexico North | Approval Date: 9/5/2018 | Expiration Date: xx/xx/xxxx | |
| E-mail Address: jsoriano@legacyp.com | Conditions of Approval: Like approval from BLM. | | Attached <input type="checkbox"/> |
| Date: 8-17-2018 | Phone: 432-269-8806 | | |

* Attach Additional Sheets If Necessary

1RP-4115