



701 Tradewinds, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

October 9, 2019

Mr. Jim Griswald
Senior Hydrogeologist
New Mexico Oil Conservation Division
1228 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Site Delineation, Remediation and Closure Request Report
BTA Oil Producer
Hartley Tank Battery Release
Unit Letter I, Section 26, Township 13 South, Range 37 East
Lea County, New Mexico
NMOCD 1-RP-2611

Dear Mr. Griswald:

NTG Environmental, LLC (NTGE) was contacted by BTA Oil Producers, LLC (BTA) to assess previous soil remediation performed from a release that occurred from a produced water tank struck by lightning on September 15, 2010 located at Unit Letter I, Section 26, Township 13 South, Range 37 East, Lea County, New Mexico. The release is located approximately 10.75 miles southeast of Tatum, New Mexico at coordinates 33.159654°N and -103.16316° (WGS 84).

Background

According to the State of New Mexico C-141 Initial Report, the leak was discovered on September 15, 2010 when “A field employee of another company passed by our location and saw damage to the water tank. He immediately called our contract pumper, Refugio Porras, who was making his rounds but had not arrived at this location yet. Our pumper immediately called his Field Supervisor, Clay Tipton, and headed for the location. Clay called BTA’s office and the OCD, Hobbs, Geoffrey Leking, NMOCD investigator, and also headed for the location. Upon arriving at the location, the lightning had struck the 500-barrel metal water tank and blown the top and sides off the tank. The top of the tank was approximately 100 feet from the tank pad. The contents of the tank had released onto the location. All product remained on the location site. A vacuum truck was dispatched to recover all produced water possible. According to the C-141, 120 barrels of produced water was released with 10 barrels recovered for a net loss of 110 barrels”. The initial C-141 form is enclosed in Appendix A.

Groundwater and Surface Water

According to the New Mexico Office of the State Engineer’s office (NMOSE), two wells (L 03539 and L 03752) are located in the same section, township and range as the Hartley Tank

**Creating a Better Environment
For Oil & Gas Operations**

Mr. Bob Hall
October 9, 2019
Page 2 of 4

Battery. Depth to groundwater in the two wells is listed as 55 feet below ground surface (bgs) in water well L 03539, and 65 feet bgs in water well L03752. As such it appears that groundwater at the site is between 55 and 65 feet bgs. See Appendix B for details of the two NMOSE listed water wells.

No surface water or significant watercourses were observed within a ½-mile radius of the Hartley Tank Battery release. The release is not located within a 100-year flood plain.

Regulatory Guidelines

On August 14, 2018 the State of New Mexico replaced sections 1 through 11 of 19.15.29 of the New Mexico Administrative Code (NMAC) and revised the cleanup levels for releases based on depth to groundwater, horizontal distance to surface water/wells, and substance(s) released. The revised NMAC codes dictate that the responsible party has 90 days of discovery of a release to vertically and horizontally delineate the release which is enforced by the New Mexico Oil Conservation Division (NMOCD). The revised guidelines established the following remediation action levels:

Table 1. NMOCD Closure Criteria for Soils Impacted by a Release

Depth Below Bottom of Release to Groundwater < 10,000 mg/L TDS	Constituent	Method*	Limit**
≤ 50 feet	Chloride***	EPA 300.0	600 mg/Kg
	TPH	EPA SW-846 Method 8105M	100 mg/Kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/Kg
	Benzene	EPA SW-846 Method 8021B or 8015M	10 mg/Kg
51 feet to 100 feet	Chloride***	EPA 300.0	10,000 mg/Kg
	TPH	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/Kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/Kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/Kg
> 100 feet	Chloride***	EPA 300.0	20,000 mg/Kg
	TPH	EPA SW-846 Method 8021B or 8260B	2,500 mg/Kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/Kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/Kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/Kg

* Or other test methods approved by the division.

**Numerical limits or natural background level, whichever is greater.

***This applies to releases of produced water or other fluids which may contain chloride.

BTEX – benzene, toluene, ethylbenzene and xylenes

TPH – total petroleum hydrocarbons

GRO+DRO – Gas and Diesel Range Organics

NTG Environmental Project No. 191476



Mr. Bob Hall
 October 9, 2019
 Page 3 of 4

mg/Kg – milligrams per kilograms

Based on the groundwater depth of 55 to 65 feet bgs (i.e., referencing NMOSE Well Numbers L03752 and L03539) and the criteria above, the cleanup levels were established at the site as follows:

Chlorides	10,000 mg/Kg
Total TPH	2,500 mg/Kg
TPH GRO/DRO	1,000 mg/Kg
Total BTEX	50 mg/Kg
Benzene	10 mg/Kg

Based on the 1993 NMOCD “*Guidelines for Remediation of Leaks, Spills, and Releases*”, the soil cleanup criteria were based on a ranking system. The site was ranked as a 10 based on groundwater depth of 50 to 100 feet bgs which made cleanup levels as follows:

Chlorides	600 mg/Kg
Total TPH	1,000 mg/Kg
Total BTEX	50 mg/Kg
Benzene	10 mg/Kg

Previous Soil Assessment and Remediation Activities

Between September 17 and September 23, 2010, Ron’s Welding Inc. (RWI) of Hobbs, New Mexico was onsite to oversee the excavation, remediation, and rebuilding of the tank battery including the area around the heater treater. Approximately 240 cubic yards of chloride impacted soils were transported offsite for disposal at Sundance Services, of Eunice, New Mexico. During the remediation, four (4) soil samples were collected and submitted to Trace Analysis Labs for analysis of chlorides utilizing EPA Method 300.0. However, this laboratory data was never received by BTA. In addition, no map detailing the site excavation, dimensions, soil sample location or site photographs were submitted to BTA upon completion of field activities. One soil sample was collected and submitted to Cardinal Labs of Hobbs New Mexico on October 4, 2010 for analysis of chlorides which returned results of 640 mg/Kg. However, location of where and depth the sample was collected is unknown. See Appendix C for Laboratory Analytical. Disposal tickets for the soil to Sundance are found in Appendix D.

Verification Soil Sampling Activities

In order to verify the site was remediated, New Tech Global Environmental (NTGE) was contracted by BTA to collect soil samples in the area of the presumed release of the tank battery. On September 19, 2019, NTGE personnel were onsite to collect samples around the current and former produced water tank. Utilizing a stainless steel auger, NTGE personnel installed two auger holes (AH-1 and AH-2) into the underlying native soils to depths of 2 and 1 foot bgs, respectively. The augers were extended beyond the caliche pad into native soils. Soil samples were collected at 0-6 inches, 6 inches -1 foot, and 1.5 feet to 2 feet (for AH-1 only) bgs and

NTG Environmental Project No. 191476



Mr. Bob Hall
October 9, 2019
Page 4 of 4

submitted to Xenco Labs in Midland, Texas for analysis of chlorides utilizing EPA Method E300.0, Total Petroleum Hydrocarbons (TPH) by EPA Method 8015M, and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021B. Analytical results were below both the 1993 and 2018 NMOCD regulatory standards for chlorides, BTEX and TPH. Chlorides ranged from 10.3 mg/Kg on soil sample AH-1 (6"-1') to 91.3 mg/Kg for soil sample AH-2 (0-6"). BTEX and TPH analysis were below detection limits for samples analyzed (AH-1 1.5' to 2' and AH-2 6" to 1'). See attached Table 1 for analytical results and Appendix C for laboratory analytical. See Appendix E for current site photographs of site and approximate location of previous spill area.

Conclusion

Based on the previous remediation efforts at the site (September 2010) and recent confirmation sampling (September 2019) BTA believes it has completed the soil delineation and remediation activities of the produced water release from a lightning strike which occurred on September 15, 2010. Approximately 240 cubic yards of impacted soils were removed from the site and transported offsite for disposal. The site was then backfilled and the tank battery rebuilt.

Based on the assessment and remediation work performed at this site, BTA respectfully requests the NMOCD consider closure of this historic spill release. A completed C-141 is enclosed in Appendix A. If you have any questions or comments concerning the assessment or the remediation activities for this site, please call me at (432) 685-3898.

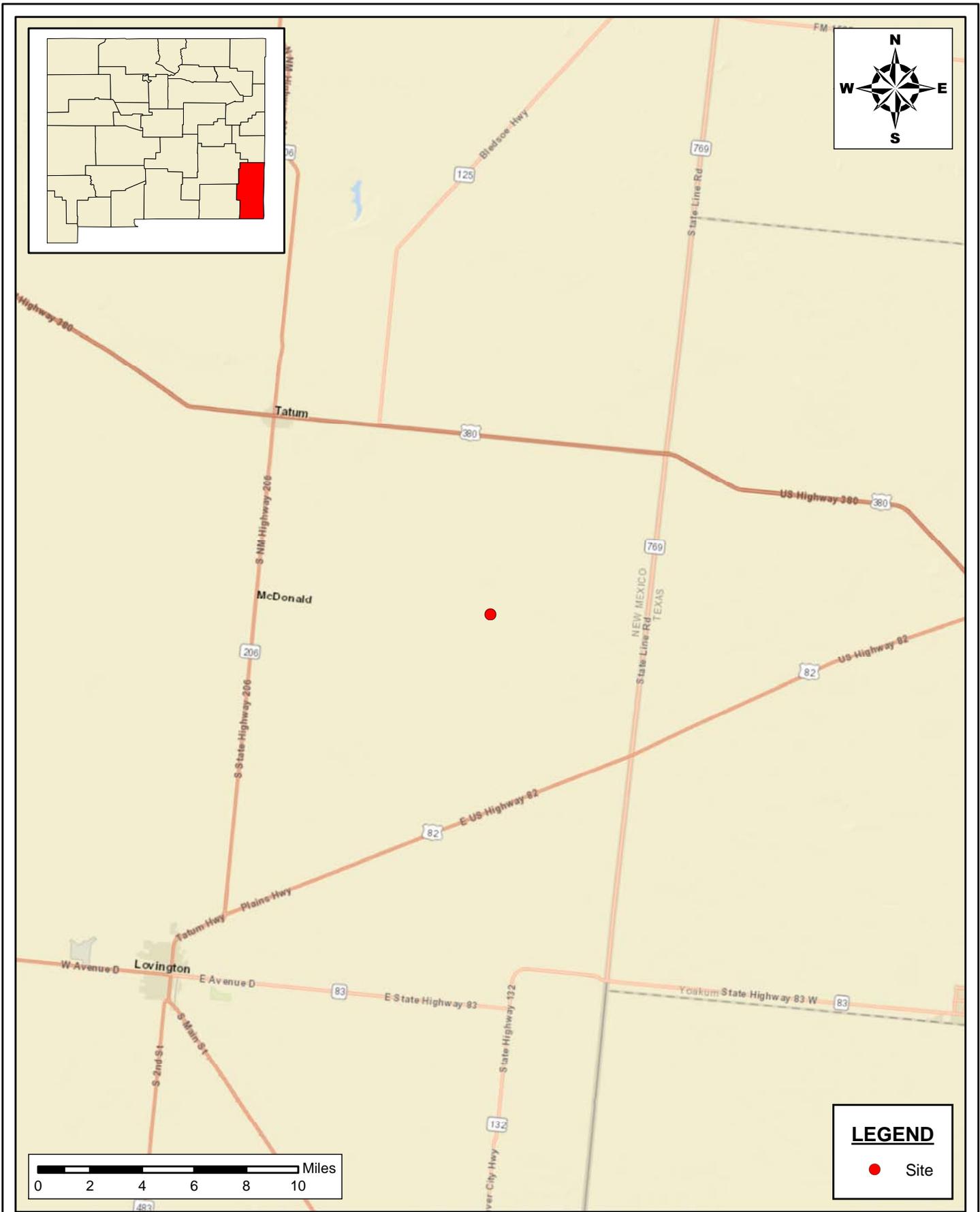
Sincerely,
NTG Environmental



Jeffrey Kindley, P.G.
Senior Project Manager

FIGURES

Document Path: P:\2019 PROJECTS\BTA OIL PRODUCERS\IRCS\7 - Figures\Geodatabase\192041_BTA_Hartley_FIG_1_SLMMap_09252019.mxd



SITE LOCATION MAP
SITE ASSESSMENT REPORT
 BTA OIL PRODUCERS
 BTA HARTLEY #1 TB RELEASE
 LEA COUNTY, NEW MEXICO



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntglobal.com

NOTES:
 1. Base Image: ESRI Maps & Data 2017
 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 1
 SHEET NUMBER:
1 of 1

SCALE: AS SHOWN DATE: 09/25/2019 PROJECT #: 192041



LEGEND

● Sample



DRAWING NUMBER
FIGURE 2

SHEET NUMBER
1 of 1

**SAMPLE LOCATION MAP
SITE ASSESSMENT REPORT**
BTA OIL PRODUCERS
BTA HARTLEY #1 TB RELEASE
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 09/25/2019 PROJECT #: 192041

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntglobal.com



NOTES:

1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto)
2. Map Projection: NAD 1983

TABLE

Table 1
Soil Analytical Results
BTA Oil Producers, LLC
Hartley Tank Battery Release
Lea County, New Mexico

Sample ID	Date	Chlorides	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH				
								GRO	DRO	GRO/DRO	ORO	TOTAL
								C6-C10	C10-C28	C6-C28	C28-C40	C6-C40
AH-1 (0-6")	09/19/19	11.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AH-1 (6"-1')	09/19/19	10.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AH-1 (1.5'-2')	09/19/19	10.8	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9
AH-2 (0-6")	09/19/19	91.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AH-2 (6"-1')	09/19/19	45.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00201	<50.0	<50.0	<50.0	>50.0	<50.0
1993 Regulatory Limits		600	10	-	-	-	50	-	-	-	-	1,000
2018 Regulatory Limits		10,000	10	-	-	-	50	-	-	1,000	-	2,500

– exceeds regulatory limit

mg/kg – milligram per kilogram

APPENDIX A

INITIAL AND COMPLETED 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

RECEIVED

SEP 17 2010

HOBBSOCD

Form C-141
Revised March 17, 1999
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	BTA Oil Producers LLC	Contact	Skip Baca or Pam Inskeep
Address	104 S. Pecos, Midland, TX 79701	Telephone No.	(432) 682-3753
Facility Name	Hartley, 8609 JV-P	Facility Type	Well

Surface Owner	Loretta Lowe	Mineral Owner	Lowe et al	Lease No.
---------------	--------------	---------------	------------	-----------

LOCATION OF RELEASE API # 30-025-29800-00-00

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
I	26	13S	37E	1650	South	330	East	Lea

NATURE OF RELEASE

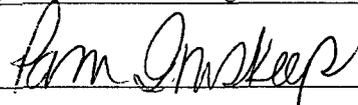
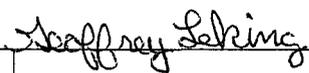
Type of Release	Produced Water	Volume of Release	120 bbls	Volume Recovered	10 bbls
Source of Release	Lightning Strike	Date and Hour of Occurrence	evening CDT, 09/15/2010	Date and Hour of Discovery	8 am CDT, 9/16/2010
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoffrey Leking, Hobbs		
By Whom?	Clay Tipton, Field Supervisor	Date and Hour	8:30 am CDT 9/16/2010		
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.*
N/A

Describe Cause of Problem and Remedial Action Taken.* A field employee of another company passed by our location and saw damage to the water tank. He immediately called our contract pumper, Refugio Porras, who was making his rounds but had not arrived at this location yet. Our pumper immediately called his Field Supervisor, Clay Tipton, and headed for the location. Clay called BTA's office and the OCD, Hobbs, Geoffrey Leking, NMOCD Investigator, and also headed for the location. Upon arriving at the location, the pumper found that lightning had stuck the 500 bbl metal water tank and blown the top and sides off of the tank base. The top of the tank was approximately 100 ft from the tank pad. The contents of the tank had released onto the location. All product remained on the location site. A vacuum truck was dispatched to recover all produced water possible. BTA's Environmental Coordinator will assess the site and determine any further remediation activities. The destroyed tank will be removed from the site and replaced with another.

Describe Area Affected and Cleanup Action Taken.*
See above explanation

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: Pam Inskeep	Approved by:  District Supervisor:	
Title: Regulatory Administrator	Approval Date: 09/20/10	Expiration Date: 11/22/10
Date: 09/16/2010	Phone: (432) 682-3753	Conditions of Approval: DELIVERATE TO Attached <input type="checkbox"/>

CLEANUP, SUBMIT FINAL C-141 BY 11/22/10 IRP-10-9-2611

Incident ID	IRP-2611
District RP	
Facility ID	
Application ID	nGRL1026332369

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Bob Hall

Title: Environmental Manager

Signature: Bob Hall

Date: 10/26/2021

email: bhall@btaoil.com

Telephone: (432) 682-3753

OCD Only

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Bradford Billings

Date: 11/24/2021

Printed Name: Bradford Billings

Title: Envi.Spec.A

Released to Imaging: 11/24/2021 9:54:34 AM

Received by OCD: 10/26/2021 12:52:42 PM

APPENDIX B

NMOSE WATER WELL GROUNDWATER DEPTHS



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
L	03539	4	4	26	13S	37E	671159	3670207*	

Driller License: 46	Driller Company: ABBOTT BROTHERS COMPANY		
Driller Name: MURRELL ABBOTT			
Drill Start Date: 05/14/1957	Drill Finish Date: 05/14/1957	Plug Date: 08/24/1957	
Log File Date: 05/22/1957	PCW Rev Date:	Source: Shallow	
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well: 125 feet	Depth Water: 55 feet	

Water Bearing Stratifications:	Top	Bottom	Description
	55	125	Sandstone/Gravel/Conglomerate

*UTM location was derived from PLSS - see Help

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

8/21/19 2:21 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)			
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 03752	3	4	26	13S	37E	670758	3670200*	
x									
Driller License:	46	Driller Company:		ABBOTT BROTHERS COMPANY					
Driller Name:	MURRELL ABBOTT								
Drill Start Date:	12/20/1957	Drill Finish Date:		12/20/1957	Plug Date:		05/08/1958		
Log File Date:	12/30/1957	PCW Rcv Date:			Source:		Shallow		
Pump Type:		Pipe Discharge Size:			Estimated Yield:				
Casing Size:		Depth Well:		120 feet	Depth Water:		65 feet		
x									
Water Bearing Stratifications:		Top	Bottom	Description					
		65	120	Sandstone/Gravel/Conglomerate					
x									

*UTM location was derived from PLSS - see Help

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

8/21/19 2:22 PM

POINT OF DIVERSION SUMMARY

APPENDIX C
LABORATORY ANALYTICAL



Certificate of Analysis Summary 637493



NT Global, Midland, TX

Project Name: BTA Hartley 8609 JVP

Project Id:
Contact: Jeffrey Kindley
Project Location:

Date Received in Lab: Fri Sep-20-19 08:58 am
Report Date: 24-SEP-19
Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	637493-001	637493-002	637493-003	637493-004	637493-005	
	<i>Field Id:</i>	AH-1	AH-1	AH-1	AH-2	AH-2	
	<i>Depth:</i>	0-6 In	6-12 In	1.5-2 In	0-6 In	6-12 In	
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	
	<i>Sampled:</i>	Sep-19-19 13:45	Sep-19-19 13:55	Sep-19-19 14:05	Sep-19-19 14:15	Sep-19-19 14:22	
Chloride by EPA 300	<i>Extracted:</i>	Sep-20-19 13:30	Sep-20-19 13:30	Sep-20-19 13:30	Sep-20-19 13:30	Sep-20-19 15:30	
	<i>Analyzed:</i>	Sep-20-19 19:32	Sep-20-19 19:38	Sep-20-19 19:45	Sep-20-19 19:51	Sep-20-19 18:31	
	<i>Units/RL:</i>	mg/kg RL					
Chloride		11.7 4.96	10.3 5.00	10.8 5.03	91.3 4.98	45.0 5.04	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Holly Taylor
Project Manager

Analytical Report 637493

for
NT Global

Project Manager: Jeffrey Kindley

BTA Hartley 8609 JVP

24-SEP-19

Collected By: Client



1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142), North Carolina (681)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-21), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-18-14)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-20)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-18-18)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-18-4)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)



24-SEP-19

Project Manager: **Jeffrey Kindley**

NT Global

701 Tradewinds Blvd

Midland, TX 79706

Reference: XENCO Report No(s): **637493**

BTA Hartley 8609 JVP

Project Address:

Jeffrey Kindley:

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) 637493. 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. 637493 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,

Holly Taylor

Project Manager

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

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

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



Sample Cross Reference 637493



NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH-1	S	09-19-19 13:45	0 - 6 In	637493-001
AH-1	S	09-19-19 13:55	6 - 12 In	637493-002
AH-1	S	09-19-19 14:05	1.5 - 2 In	637493-003
AH-2	S	09-19-19 14:15	0 - 6 In	637493-004
AH-2	S	09-19-19 14:22	6 - 12 In	637493-005



CASE NARRATIVE

Client Name: NT Global

Project Name: BTA Hartley 8609 JVP

Project ID:
Work Order Number(s): 637493

Report Date: 24-SEP-19
Date Received: 09/20/2019

Sample receipt non conformances and comments:

None

Sample receipt non conformances and comments per sample:

None



Certificate of Analytical Results 637493



NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-1**
Lab Sample Id: 637493-001

Matrix: Soil
Date Collected: 09.19.19 13.45

Date Received: 09.20.19 08.58
Sample Depth: 0 - 6 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.19 13.30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.7	4.96	mg/kg	09.20.19 19.32		1



Certificate of Analytical Results 637493



NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-1**
Lab Sample Id: 637493-002

Matrix: Soil
Date Collected: 09.19.19 13.55

Date Received: 09.20.19 08.58
Sample Depth: 6 - 12 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.19 13.30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.3	5.00	mg/kg	09.20.19 19.38		1



Certificate of Analytical Results 637493



NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-1**
Lab Sample Id: 637493-003

Matrix: Soil
Date Collected: 09.19.19 14.05

Date Received: 09.20.19 08.58
Sample Depth: 1.5 - 2 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.19 13.30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.8	5.03	mg/kg	09.20.19 19.45		1



Certificate of Analytical Results 637493



NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-2**
Lab Sample Id: 637493-004

Matrix: Soil
Date Collected: 09.19.19 14.15

Date Received: 09.20.19 08.58
Sample Depth: 0 - 6 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.19 13.30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	91.3	4.98	mg/kg	09.20.19 19.51		1



Certificate of Analytical Results 637493



NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-2**
Lab Sample Id: 637493-005

Matrix: Soil
Date Collected: 09.19.19 14.22

Date Received: 09.20.19 08.58
Sample Depth: 6 - 12 In

Analytical Method: Chloride by EPA 300

Tech: CHE

Analyst: CHE

Seq Number: 3102111

Date Prep: 09.20.19 15.30

Prep Method: E300P

% Moisture:

Basis: Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	45.0	5.04	mg/kg	09.20.19 18.31		1



NT Global
BTA Hartley 8609 JVP

Analytical Method: Chloride by EPA 300

Seq Number: 3102110

MB Sample Id: 7686622-1-BLK

Matrix: Solid

LCS Sample Id: 7686622-1-BKS

Prep Method: E300P

Date Prep: 09.20.19

LCSD Sample Id: 7686622-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	259	104	260	104	90-110	0	20	mg/kg	09.20.19 16:44	

Analytical Method: Chloride by EPA 300

Seq Number: 3102111

MB Sample Id: 7686633-1-BLK

Matrix: Solid

LCS Sample Id: 7686633-1-BKS

Prep Method: E300P

Date Prep: 09.20.19

LCSD Sample Id: 7686633-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	245	98	245	98	90-110	0	20	mg/kg	09.20.19 18:16	

Analytical Method: Chloride by EPA 300

Seq Number: 3102110

Parent Sample Id: 637438-005

Matrix: Soil

MS Sample Id: 637438-005 S

Prep Method: E300P

Date Prep: 09.20.19

MSD Sample Id: 637438-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	387	250	629	97	616	92	90-110	2	20	mg/kg	09.20.19 17:03	

Analytical Method: Chloride by EPA 300

Seq Number: 3102110

Parent Sample Id: 637482-003

Matrix: Soil

MS Sample Id: 637482-003 S

Prep Method: E300P

Date Prep: 09.20.19

MSD Sample Id: 637482-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	95.7	252	353	102	348	100	90-110	1	20	mg/kg	09.20.19 18:34	

Analytical Method: Chloride by EPA 300

Seq Number: 3102111

Parent Sample Id: 637493-005

Matrix: Soil

MS Sample Id: 637493-005 S

Prep Method: E300P

Date Prep: 09.20.19

MSD Sample Id: 637493-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	45.0	252	280	93	281	94	90-110	0	20	mg/kg	09.20.19 18:38	

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 Result

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



NT Global
BTA Hartley 8609 JVP

Analytical Method: Chloride by EPA 300

Seq Number: 3102111

Parent Sample Id: 637500-002

Matrix: Soil

MS Sample Id: 637500-002 S

Prep Method: E300P

Date Prep: 09.20.19

MSD Sample Id: 637500-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	567	250	797	92	798	92	90-110	0	20	mg/kg	09.20.19 20:23	

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. = $\text{Log}(\text{Sample Duplicate}) - \text{Log}(\text{Original Sample})$

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



Client: NT Global

Date/ Time Received: 09/20/2019 08:58:00 AM

Work Order #: 637493

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)?	.4
#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: 09/20/2019

Checklist reviewed by: Holly Taylor
Holly Taylor

Date: 09/20/2019



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

October 06, 2010

Skip Baca

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: HARTLEY

Enclosed are the results of analyses for samples received by the laboratory on 10/04/10 11:00.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

BTA Oil Producers
 Skip Baca
 103 South Pecos
 Midland TX, 79701
 Fax To: (432) 683-0312

Received:	10/04/2010	Sampling Date:	10/04/2010
Reported:	10/06/2010	Sampling Type:	Soil
Project Name:	HARTLEY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HARTLEY		

Sample ID: CALICHE (H020974-01)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	10/04/2010	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



Certificate of Analysis Summary 637493

NT Global, Midland, TX

Project Name: BTA Hartley 8609 JVP

Project Id:
Contact: Jeffrey Kindley
Project Location:

Date Received in Lab: Fri 09.20.2019 08:58
Report Date: 10.08.2019 16:28
Project Manager: Holly Taylor

<i>Analysis Requested</i>	<i>Lab Id:</i>	637493-001	637493-002	637493-003	637493-004	637493-005	
	<i>Field Id:</i>	AH-1	AH-1	AH-1	AH-2	AH-2	
	<i>Depth:</i>	0-6 In	6-12 In	1.5-2 In	0-6 In	6-12 In	
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	
	<i>Sampled:</i>	09.19.2019 13:45	09.19.2019 13:55	09.19.2019 14:05	09.19.2019 14:15	09.19.2019 14:22	
BTEX by EPA 8021B	<i>Extracted:</i>			10.02.2019 13:00		10.02.2019 13:00	
	<i>Analyzed:</i>			10.04.2019 21:09		10.04.2019 21:29	
	<i>Units/RL:</i>			mg/kg RL		mg/kg RL	
Benzene				<0.00199 0.00199		<0.00201 0.00201	
Toluene				<0.00199 0.00199		<0.00201 0.00201	
Ethylbenzene				<0.00199 0.00199		<0.00201 0.00201	
m,p-Xylenes				<0.00398 0.00398		<0.00402 0.00402	
o-Xylene				<0.00199 0.00199		<0.00201 0.00201	
Total Xylenes				<0.00199 0.00199		<0.00201 0.00201	
Total BTEX				<0.00199 0.00199		<0.00201 0.00201	
Chloride by EPA 300	<i>Extracted:</i>	09.20.2019 13:30	09.20.2019 13:30	09.20.2019 13:30	09.20.2019 13:30	09.20.2019 15:30	
	<i>Analyzed:</i>	09.20.2019 19:32	09.20.2019 19:38	09.20.2019 19:45	09.20.2019 19:51	09.20.2019 18:31	
	<i>Units/RL:</i>	mg/kg RL					
Chloride		11.7 4.96	10.3 5.00	10.8 5.03	91.3 4.98	45.0 5.04	
TPH By SW8015 Mod	<i>Extracted:</i>			10.01.2019 17:00		10.01.2019 17:00	
	<i>Analyzed:</i>			10.02.2019 18:22		10.02.2019 18:43	
	<i>Units/RL:</i>			mg/kg RL		mg/kg RL	
Gasoline Range Hydrocarbons (GRO)				<49.9 49.9		<50.0 50.0	
Diesel Range Organics (DRO)				<49.9 49.9		<50.0 50.0	
Motor Oil Range Hydrocarbons (MRO)				<49.9 49.9		<50.0 50.0	
Total TPH				<49.9 49.9		<50.0 50.0	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

John Builes
Project Manager



Analytical Report 637493

for

NT Global

Project Manager: Jeffrey Kindley

BTA Hartley 8609 JVP

10.08.2019

Collected By: Client



**1211 W. Florida Ave
Midland TX 79701**

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-19-30), Arizona (AZ0765), Florida (E871002-24), Louisiana (03054)
Oklahoma (2017-142), North Carolina (681)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (TX104704295-19-22), Arizona (AZ0809), Arkansas (17-063-0)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-19-16)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-19-21)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-19)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-19-5)
Xenco Phoenix (EPA Lab Code: AZ00901): Arizona (AZ0757)
Xenco-Tampa: Florida (E87429), North Carolina (483)



10.08.2019

Project Manager: **Jeffrey Kindley**

NT Global

701 Tradewinds Blvd

Midland, TX 79706

Reference: XENCO Report No(s): **637493**

BTA Hartley 8609 JVP

Project Address:

Jeffrey Kindley:

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) 637493. 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. 637493 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,

John Builes
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico



Sample Cross Reference 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
AH-1	S	09.19.2019 13:45	0 - 6 In	637493-001
AH-1	S	09.19.2019 13:55	6 - 12 In	637493-002
AH-1	S	09.19.2019 14:05	1.5 - 2 In	637493-003
AH-2	S	09.19.2019 14:15	0 - 6 In	637493-004
AH-2	S	09.19.2019 14:22	6 - 12 In	637493-005



CASE NARRATIVE

Client Name: NT Global

Project Name: BTA Hartley 8609 JVP

Project ID:
Work Order Number(s): 637493

Report Date: 10.08.2019
Date Received: 09.20.2019

Sample receipt non conformances and comments:

9/30/2019 1.001 Revised to include results for BTEX and TPH for samples 003 and 005 per Jeff Kindley (email). HT

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3103183 TPH By SW8015 Mod

Surrogate 1-Chlorooctane recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.

Samples affected are: 638225-042 SD.

Surrogate o-Terphenyl recovered above QC limits Data confirmed by re-analysis. Samples affected are: 7687303-1-BLK.

Batch: LBA-3103594 BTEX by EPA 8021B

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



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-1**
Lab Sample Id: 637493-001

Matrix: Soil
Date Collected: 09.19.2019 13:45

Date Received: 09.20.2019 08:58
Sample Depth: 0 - 6 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.2019 13:30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	11.7	4.96	mg/kg	09.20.2019 19:32		1



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-1**
Lab Sample Id: 637493-002

Matrix: Soil
Date Collected: 09.19.2019 13:55

Date Received: 09.20.2019 08:58
Sample Depth: 6 - 12 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.2019 13:30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.3	5.00	mg/kg	09.20.2019 19:38		1



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: AH-1	Matrix: Soil	Date Received: 09.20.2019 08:58
Lab Sample Id: 637493-003	Date Collected: 09.19.2019 14:05	Sample Depth: 1.5 - 2 In
Analytical Method: Chloride by EPA 300		Prep Method: E300P
Tech: CHE		% Moisture:
Analyst: CHE	Date Prep: 09.20.2019 13:30	Basis: Wet Weight
Seq Number: 3102110		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	10.8	5.03	mg/kg	09.20.2019 19:45		1

Analytical Method: TPH By SW8015 Mod		Prep Method: SW8015P
Tech: DVM		% Moisture:
Analyst: DVM	Date Prep: 10.01.2019 17:00	Basis: Wet Weight
Seq Number: 3103183		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.02.2019 18:22	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	10.02.2019 18:22	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.02.2019 18:22	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	10.02.2019 18:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	126	%	70-135	10.02.2019 18:22	
o-Terphenyl	84-15-1	135	%	70-135	10.02.2019 18:22	



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-1**
 Lab Sample Id: 637493-003

Matrix: Soil
 Date Collected: 09.19.2019 14:05

Date Received: 09.20.2019 08:58
 Sample Depth: 1.5 - 2 In

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: KTL

% Moisture:

Analyst: KTL

Date Prep: 10.02.2019 13:00

Basis: Wet Weight

Seq Number: 3103594

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	10.04.2019 21:09	UK	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	10.04.2019 21:09	UK	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	10.04.2019 21:09	UK	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	10.04.2019 21:09	UK	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	10.04.2019 21:09	UK	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	10.04.2019 21:09	UK	1
Total BTEX		<0.00199	0.00199	mg/kg	10.04.2019 21:09	UK	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	10.04.2019 21:09	
4-Bromofluorobenzene	460-00-4	107	%	70-130	10.04.2019 21:09	



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-2**
Lab Sample Id: 637493-004

Matrix: Soil
Date Collected: 09.19.2019 14:15

Date Received: 09.20.2019 08:58
Sample Depth: 0 - 6 In

Analytical Method: Chloride by EPA 300

Prep Method: E300P

Tech: CHE

% Moisture:

Analyst: CHE

Date Prep: 09.20.2019 13:30

Basis: Wet Weight

Seq Number: 3102110

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	91.3	4.98	mg/kg	09.20.2019 19:51		1



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: AH-2	Matrix: Soil	Date Received: 09.20.2019 08:58
Lab Sample Id: 637493-005	Date Collected: 09.19.2019 14:22	Sample Depth: 6 - 12 In
Analytical Method: Chloride by EPA 300		Prep Method: E300P
Tech: CHE		% Moisture:
Analyst: CHE	Date Prep: 09.20.2019 15:30	Basis: Wet Weight
Seq Number: 3102111		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	45.0	5.04	mg/kg	09.20.2019 18:31		1

Analytical Method: TPH By SW8015 Mod		Prep Method: SW8015P
Tech: DVM		% Moisture:
Analyst: DVM	Date Prep: 10.01.2019 17:00	Basis: Wet Weight
Seq Number: 3103183		

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	10.02.2019 18:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	10.02.2019 18:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	10.02.2019 18:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	10.02.2019 18:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	120	%	70-135	10.02.2019 18:43	
o-Terphenyl	84-15-1	129	%	70-135	10.02.2019 18:43	



Certificate of Analytical Results 637493

NT Global, Midland, TX

BTA Hartley 8609 JVP

Sample Id: **AH-2**
Lab Sample Id: 637493-005

Matrix: Soil
Date Collected: 09.19.2019 14:22

Date Received: 09.20.2019 08:58
Sample Depth: 6 - 12 In

Analytical Method: BTEX by EPA 8021B

Prep Method: SW5030B

Tech: KTL

% Moisture:

Analyst: KTL

Date Prep: 10.02.2019 13:00

Basis: Wet Weight

Seq Number: 3103594

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	10.04.2019 21:29	UK	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	10.04.2019 21:29	UK	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	10.04.2019 21:29	UK	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	10.04.2019 21:29	UK	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	10.04.2019 21:29	UK	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	10.04.2019 21:29	UK	1
Total BTEX		<0.00201	0.00201	mg/kg	10.04.2019 21:29	UK	1
Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene	540-36-3	95	%	70-130	10.04.2019 21:29		
4-Bromofluorobenzene	460-00-4	106	%	70-130	10.04.2019 21:29		



Flagging Criteria

- 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



NT Global
BTA Hartley 8609 JVP

Analytical Method: Chloride by EPA 300

Seq Number: 3102110
MB Sample Id: 7686622-1-BLK

Matrix: Solid
LCS Sample Id: 7686622-1-BKS

Prep Method: E300P
Date Prep: 09.20.2019
LCSD Sample Id: 7686622-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	259	104	260	104	90-110	0	20	mg/kg	09.20.2019 16:44	

Analytical Method: Chloride by EPA 300

Seq Number: 3102111
MB Sample Id: 7686633-1-BLK

Matrix: Solid
LCS Sample Id: 7686633-1-BKS

Prep Method: E300P
Date Prep: 09.20.2019
LCSD Sample Id: 7686633-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<0.858	250	245	98	245	98	90-110	0	20	mg/kg	09.20.2019 18:16	

Analytical Method: Chloride by EPA 300

Seq Number: 3102110
Parent Sample Id: 637438-005

Matrix: Soil
MS Sample Id: 637438-005 S

Prep Method: E300P
Date Prep: 09.20.2019
MSD Sample Id: 637438-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	387	250	629	97	616	92	90-110	2	20	mg/kg	09.20.2019 17:03	

Analytical Method: Chloride by EPA 300

Seq Number: 3102110
Parent Sample Id: 637482-003

Matrix: Soil
MS Sample Id: 637482-003 S

Prep Method: E300P
Date Prep: 09.20.2019
MSD Sample Id: 637482-003 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	95.7	252	353	102	348	100	90-110	1	20	mg/kg	09.20.2019 18:34	

Analytical Method: Chloride by EPA 300

Seq Number: 3102111
Parent Sample Id: 637493-005

Matrix: Soil
MS Sample Id: 637493-005 S

Prep Method: E300P
Date Prep: 09.20.2019
MSD Sample Id: 637493-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	45.0	252	280	93	281	94	90-110	0	20	mg/kg	09.20.2019 18:38	

Analytical Method: Chloride by EPA 300

Seq Number: 3102111
Parent Sample Id: 637500-002

Matrix: Soil
MS Sample Id: 637500-002 S

Prep Method: E300P
Date Prep: 09.20.2019
MSD Sample Id: 637500-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	567	250	797	92	798	92	90-110	0	20	mg/kg	09.20.2019 20:23	

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 Result

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



NT Global
BTA Hartley 8609 JVP

Analytical Method: TPH By SW8015 Mod

Seq Number: 3103183

MB Sample Id: 7687303-1-BLK

Matrix: Solid

LCS Sample Id: 7687303-1-BKS

Prep Method: SW8015P

Date Prep: 10.01.2019

LCSD Sample Id: 7687303-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	1000	941	94	1090	109	70-135	15	20	mg/kg	10.02.2019 10:55	
Diesel Range Organics (DRO)	<15.0	1000	987	99	1180	118	70-135	18	20	mg/kg	10.02.2019 10:55	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date	Flag		
1-Chlorooctane	129		103		132		70-135	%	10.02.2019 10:55			
o-Terphenyl	142	**	105		127		70-135	%	10.02.2019 10:55			

Analytical Method: TPH By SW8015 Mod

Seq Number: 3103183

Parent Sample Id: 638225-042

Matrix: Soil

MS Sample Id: 638225-042 S

Prep Method: SW8015P

Date Prep: 10.01.2019

MSD Sample Id: 638225-042 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<15.0	999	1160	116	1120	112	70-135	4	20	mg/kg	10.02.2019 11:58	
Diesel Range Organics (DRO)	<15.0	999	1240	124	1190	119	70-135	4	20	mg/kg	10.02.2019 11:58	
Surrogate			MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date	Flag		
1-Chlorooctane			129		140	**	70-135	%	10.02.2019 11:58			
o-Terphenyl			131		128		70-135	%	10.02.2019 11:58			

Analytical Method: BTEX by EPA 8021B

Seq Number: 3103594

MB Sample Id: 7687327-1-BLK

Matrix: Solid

LCS Sample Id: 7687327-1-BKS

Prep Method: SW5030B

Date Prep: 10.02.2019

LCSD Sample Id: 7687327-1-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	0.100	0.107	107	0.111	111	70-130	4	35	mg/kg	10.04.2019 16:48	
Toluene	<0.00200	0.100	0.101	101	0.106	106	70-130	5	35	mg/kg	10.04.2019 16:48	
Ethylbenzene	<0.00200	0.100	0.107	107	0.114	114	70-130	6	35	mg/kg	10.04.2019 16:48	
m,p-Xylenes	<0.00400	0.200	0.209	105	0.226	113	70-130	8	35	mg/kg	10.04.2019 16:48	
o-Xylene	<0.00200	0.100	0.108	108	0.116	116	70-130	7	35	mg/kg	10.04.2019 16:48	
Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date	Flag		
1,4-Difluorobenzene	95		100		99		70-130	%	10.04.2019 16:48			
4-Bromofluorobenzene	99		104		110		70-130	%	10.04.2019 16:48			

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 Result

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



NT Global
BTA Hartley 8609 JVP

Analytical Method: BTEX by EPA 8021B

Seq Number: 3103594

Parent Sample Id: 638335-023

Matrix: Soil

MS Sample Id: 638335-023 S

Prep Method: SW5030B

Date Prep: 10.02.2019

MSD Sample Id: 638335-023 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.116	117	0.121	122	70-130	4	35	mg/kg	10.04.2019 17:28	
Toluene	<0.00198	0.0992	0.112	113	0.115	116	70-130	3	35	mg/kg	10.04.2019 17:28	
Ethylbenzene	<0.00198	0.0992	0.121	122	0.124	125	70-130	2	35	mg/kg	10.04.2019 17:28	
m,p-Xylenes	<0.00397	0.198	0.205	104	0.214	108	70-130	4	35	mg/kg	10.04.2019 17:28	
o-Xylene	<0.00198	0.0992	0.129	130	0.129	130	70-130	0	35	mg/kg	10.04.2019 17:28	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	104		103		70-130	%	10.04.2019 17:28
4-Bromofluorobenzene	124		112		70-130	%	10.04.2019 17:28

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 Result

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



XENCO Laboratories Prelogin/Nonconformance Report- Sample Log-In

Client: NT Global

Date/ Time Received: 09/20/2019 08:58:00 AM

Work Order #: 637493

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)?	.4
#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: 09/20/2019

Checklist reviewed by: Holly Taylor
Holly Taylor Date: 09/20/2019

APPENDIX D
WASTE MANIFESTS

Sundance Services, Inc.

P.O. Box 1737
Eunice, NM 88231

Invoice

DATE	INVOICE #
9/30/2010	55723

BILL TO
BTA Oil Producers 104 South Pecos Midland Texas 79701

RECEIVED
OCT - 4 2010
BTA
OIL PRODUCERS

PROJECT	TERMS
HARTLEY # 1	

QUANTITY	DESCRIPTION	RATE	AMOUNT
240	Contaminated Soils - Exempt	18.00	4,320.00T
	HARTLEY # 1 Sales Tax	6.8125%	294.30
Phone #		E-mail	
575-394-2511		acarrillo@sundanceservices.com	
Total			\$4,614.30

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147475

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley # 1

TRANSPORTER COMPANY: RWI TIME 2:07 AM/PM

DATE: 9/20/10 VEHICLE NO.: 57 GENERATOR COMPANY MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: o/d

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 8 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Gerald W. Mc Bride (SIGNATURE) GERALD W. MC BRIDE

FACILITY REPRESENTATIVE: Ada Sta Cruz (SIGNATURE)

White - Sundance Revised 09/09 Canary - Sundance Acct #1 Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147474

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double O Truck TIME: 1:58 AM/PM PM

DATE: 9/20/10 VEHICLE NO.: 01 GENERATOR COMPANY: _____ MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER: _____

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: old

RRC or API # _____

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Amor Morgan
(SIGNATURE)

FACILITY REPRESENTATIVE: Ada Sta Cruz
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147453

LEASE OPERATOR/SHIPPER/COMPANY: BTA Oil

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double O Truck TIME 10:17 AM/PM

DATE: 9/20/10 VEHICLE NO.: 01 GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA Oil RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: oil

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Revised 09/09 Canary - Sundance Acct #1 Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231

(575) 394-2511

TICKET NO 147346

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double "O" Trucking TIME 4:14 AM/PM PM

DATE: 9/17/10 VEHICLE NO.: 01 GENERATOR COMPANY MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: old

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147314

LEASE OPERATOR/SHIPPER/COMPANY: <u>BTA Oil</u>	
LEASE NAME: <u>Hartley #1</u>	
TRANSPORTER COMPANY: <u>Double "O" Trucking</u>	TIME <u>12:44</u> AM/PM
DATE: <u>9/17/10</u> VEHICLE NO.: <u>01</u>	GENERATOR COMPANY MAN'S NAME: <u>Clay Tipton</u>
CHARGE TO: <u>BTA</u>	RIG NAME AND NUMBER

TYPE OF MATERIAL

<input type="checkbox"/> Production Water	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate
<input type="checkbox"/> Tank Bottoms	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out
<input type="checkbox"/> Solids	<input type="checkbox"/> BS&W Content: _____	<input type="checkbox"/> Call Out
Description: <u>o/d</u>		<input type="checkbox"/> C-133

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: *Ornos Magney*
(SIGNATURE)

FACILITY REPRESENTATIVE: *Ada Stalcrus*
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147305

LEASE OPERATOR/SHIPPER/COMPANY: BTA Oil

LEASE NAME: Hartley #1 Battery

TRANSPORTER COMPANY: RWI

TIME: 11:23 (AM/PM)

DATE: 9/17/10 VEHICLE NO.: 57

GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA Oil

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: Oil

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 8 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Gerald W. McBride GERALD W. MC BRIDE
(SIGNATURE)

FACILITY REPRESENTATIVE: Ada Sta Cruz
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147288

LEASE OPERATOR/SHIPPER/COMPANY: BTA Oil Prod.

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double-O Trucking TIME 9:38 AM/PM

DATE: 9/17/10 VEHICLE NO.: 01 GENERATOR COMPANY MAN'S NAME: Clay Tipton

CHARGE TO: BTA Oil Prod. RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: Oil

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Revised 09/09 Canary - Sundance Acct #1 Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231

(575) 394-2511

TICKET NO 147327

LEASE OPERATOR/SHIPPER/COMPANY: BTA Oil

LEASE NAME: Harthay #1 Battery

TRANSPORTER COMPANY: RWI TIME 2:16 AM PM

DATE: 9/17/10 VEHICLE NO.: 57 GENERATOR COMPANY MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: OLD

RRC or API #

VOLUME OF MATERIAL BBLs. : YARD 8 :

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Gerard W. McBride (SIGNATURE) GERARD W. MCBRIDE

FACILITY REPRESENTATIVE: Sda Ste Cruz (SIGNATURE)

White - Sundance Revised 09/09 Canary - Sundance Acct #1 Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147627

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double "O" Truck TIME 10:12 AM/PM

DATE: 9/22/10 VEHICLE NO.: 01 GENERATOR COMPANY: Clay Tipton
MAN'S NAME: Clay Tipton

CHARGE TO: BTA

RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: O/D

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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 - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147644

LEASE OPERATOR/SHIPPER/COMPANY: <u>BTA</u>	
LEASE NAME: <u>Hartley #1</u>	
TRANSPORTER COMPANY: <u>Double "O" Truck</u>	TIME <u>1:38</u> AM/PM
DATE: <u>9/22/10</u> VEHICLE NO.: <u>01</u>	GENERATOR COMPANY MAN'S NAME: <u>Clay Tipton</u>
CHARGE TO: <u>BTA</u>	RIG NAME AND NUMBER

TYPE OF MATERIAL

<input type="checkbox"/> Production Water	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate
<input type="checkbox"/> Tank Bottoms	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out
<input type="checkbox"/> Solids	<input type="checkbox"/> BS&W Content: _____	<input type="checkbox"/> Call Out
Description: <u>D/O</u>		<input type="checkbox"/> C-133

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Amor Morgan
(SIGNATURE)

FACILITY REPRESENTATIVE: Sda Sta Cruz
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147687

LEASE OPERATOR/SHIPPER/COMPANY: <u>BTA</u>	
LEASE NAME: <u>Hartley #1</u>	
TRANSPORTER COMPANY: <u>RWI</u>	TIME <u>9:27</u> <u>AM</u> /PM
DATE: <u>9/23/10</u> VEHICLE NO.: <u>57</u>	GENERATOR COMPANY MAN'S NAME: <u>Clay Jipton</u>
CHARGE TO: <u>BTA</u>	RIG NAME AND NUMBER

TYPE OF MATERIAL

<input type="checkbox"/> Production Water	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate
<input type="checkbox"/> Tank Bottoms	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out
<input type="checkbox"/> Solids	<input type="checkbox"/> BS&W Content: _____	<input type="checkbox"/> Call Out
Description: <u>O/D</u>		<input type="checkbox"/> C-133

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 8 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Gerald Mc Bride GERALD MC BRIDE
(SIGNATURE)

FACILITY REPRESENTATIVE: Ida Sta Cruz
(SIGNATURE)

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147688

LEASE OPERATOR/SHIPPER/COMPANY: <u>BTA</u>	
LEASE NAME: <u>Hartley #1</u>	
TRANSPORTER COMPANY: <u>RWI/Double C</u>	TIME <u>9:29</u> (AM/PM)
DATE: <u>9/23/10</u> VEHICLE NO.: <u>01</u>	GENERATOR COPANY MAN'S NAME: <u>Clay Jipton</u>
CHARGE TO: <u>BTA</u>	RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: O/D

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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) *Orlando Mosquera*

FACILITY REPRESENTATIVE: _____
(SIGNATURE) *Ada Sta Cruz*

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147716

LEASE OPERATOR/SHIPPER/COMPANY: <u>BTA</u>	
LEASE NAME: <u>Hartley #1</u>	
TRANSPORTER COMPANY: <u>RWI</u>	TIME <u>12:38 AM</u> <u>PM</u>
DATE: <u>9/23/10</u> VEHICLE NO.: <u>57</u>	GENERATOR COMPANY MAN'S NAME: <u>Clay Tipton</u>
CHARGE TO: <u>BTA</u>	RIG NAME AND NUMBER

TYPE OF MATERIAL

<input type="checkbox"/> Production Water	<input type="checkbox"/> Drilling Fluids	<input type="checkbox"/> Rinsate
<input type="checkbox"/> Tank Bottoms	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Jet Out
<input type="checkbox"/> Solids	<input type="checkbox"/> BS&W Content: _____	<input type="checkbox"/> Call Out
Description: <u>Oil</u>		<input type="checkbox"/> C-133

RRC or API #

VOLUME OF MATERIAL [] BBLs. _____ : YARD 8 : [] _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147717

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double 'O' Truck TIME 12:39 AM/PM

DATE: 9/23/10 VEHICLE NO.: 92 GENERATOR COMPANY MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: OLD

RRC or API #

VOLUME OF MATERIAL BBLs. : YARD 12 :

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Revised 09/09 Canary - Sundance Acct #1 Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147769

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: RWI

TIME 9:12 AM PM

DATE 9.24.10 VEHICLE NO.: 57

GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input checked="" type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: Old

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 8 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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] GERALD W. Mc BRIDE
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147770

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double O Trucking TIME 9:12 AM/PM

DATE: 9.24.10 VEHICLE NO.: 12 GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: Old

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET **NE** 147804

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Harley #1

TRANSPORTER COMPANY: Double O TRK TIME 12:24 AM AM PM

DATE: 9.24.16 VEHICLE NO.: 01 GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: Oil

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Ornos Marquez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Revised 09/09 Canary - Sundance Acct #1 Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NE 147802

LEASE OPERATOR/SHIPPER/COMPANY: BTA	
LEASE NAME: Hartley #1	
TRANSPORTER COMPANY: RWI	TIME 12:18 AM/PM PM
DATE: 9.24.10 VEHICLE NO.: 57	GENERATOR COPANY MAN'S NAME: Clay Tipton
CHARGE TO: BTA	RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: **old**

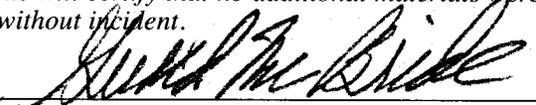
RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD **8** : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: **Connie Romero**
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231

(575) 394-2511

TICKET NO 147942

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: RWI

TIME 10:22 AM/PM

DATE: 9.27.10 VEHICLE NO.: 57

GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA

RIG NAME
AND NUMBER

TYPE OF MATERIAL

Production Water

Drilling Fluids

Rinsate

Tank Bottoms

Contaminated Soil

Jet Out

Solids

BS&W Content: _____

Call Out

C-133

Description: old

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 8 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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)

Gerald W. Mc Bride GERALD W. MC BRIDE

FACILITY REPRESENTATIVE:

(SIGNATURE)

Connie Romero

White - Sundance
Revised 09/09

Canary - Sundance Acct #1

Pink - Transporter

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147943

LEASE OPERATOR/SHIPPER/COMPANY: <u>BTA</u>	
LEASE NAME: <u>Hartley #1</u>	
TRANSPORTER COMPANY: <u>Double O</u>	TIME <u>10:23</u> AM/PM
DATE: <u>9.27.10</u> VEHICLE NO.: <u>01</u>	GENERATOR COMPANY MAN'S NAME: <u>Clay Tipton</u>
CHARGE TO: <u>BTA</u>	RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: old

RRC or API # _____

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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) Ornel Morquez

FACILITY REPRESENTATIVE _____
(SIGNATURE) Connie Romero

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147967

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley

TRANSPORTER COMPANY: RWT

TIME 1:24 AM/PM

DATE 9.27.10 VEHICLE NO.: 57

GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- Production Water
- Tank Bottoms
- Solids
- Drilling Fluids
- Contaminated Soil
- BS&W Content: _____
- Rinsate
- Jet Out
- Call Out
- C-133

Description: old

RRC or API #

VOLUME OF MATERIAL BBLs. : YARD 8 :

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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]
(SIGNATURE)

FACILITY REPRESENTATIVE: [Signature]
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 147969

LEASE OPERATOR/SHIPPER/COMPANY: BTA	
LEASE NAME: Hartley #1	
TRANSPORTER COMPANY: Double O	TIME 1:35 AM <input checked="" type="radio"/> AM <input type="radio"/> PM
DATE: 9-27-10 VEHICLE NO.: 12	GENERATOR COMPANY MAN'S NAME: Clay Tipton
CHARGE TO: BTA	RIG NAME AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: **cid**

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : **12 YARD** : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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 - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

Sundance Services, Inc.

P.O. Box 1737 ★ Eunice, New Mexico 88231
(575) 394-2511

TICKET NO 148001

LEASE OPERATOR/SHIPPER/COMPANY: BTA

LEASE NAME: Hartley #1

TRANSPORTER COMPANY: Double O

TIME 9:17 AM/PM

DATE: 9.28.10 VEHICLE NO.: 01

GENERATOR COMPANY
MAN'S NAME: Clay Tipton

CHARGE TO: BTA

RIG NAME
AND NUMBER

TYPE OF MATERIAL

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Production Water | <input type="checkbox"/> Drilling Fluids | <input type="checkbox"/> Rinsate |
| <input type="checkbox"/> Tank Bottoms | <input checked="" type="checkbox"/> Contaminated Soil | <input type="checkbox"/> Jet Out |
| <input type="checkbox"/> Solids | <input type="checkbox"/> BS&W Content: _____ | <input type="checkbox"/> Call Out |
| | | <input type="checkbox"/> C-133 |

Description: old

RRC or API #

VOLUME OF MATERIAL BBLs. _____ : YARD 12 : _____

AS A CONDITION TO SUNDANCE SERVICES, 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 DRILLING FLUIDS, PRODUCED WATERS, AND OTHER WASTE ASSOCIATED WITH THE EXPLORATION, DEVELOPMENT OR PRODUCTION OF CRUDE OIL OR NATURAL GAS OR GEOTHERMAL ENERGY.

ALSO AS A CONDITION TO SUNDANCE SERVICES, 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 SUNDANCE SERVICES, 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: Conroy Marquez
(SIGNATURE)

FACILITY REPRESENTATIVE: Connie Romero
(SIGNATURE)

White - Sundance Canary - Sundance Acct #1 Pink - Transporter
Revised 09/09

Superior Printing Service, Inc.

APPENDIX E
SITE PHOTOGRAPHS

PHOTOGRAPHIC LOG

BTA Oil Producers

Photograph No. 1

Facility: Hartley TB

County: Lea, NM

Date: 09/19/2019

Photographer: Jeff Kindley

Description:

View of rebuilt Tank Battery adjacent to produced water tank. Notice growth onsite indicating chlorides are low in soils.



Photograph No. 2

Facility: Hartley TB

County: Lea, NM

Date: 09/19/2019

Photographer: Jeff Kindley

Description:

Collecting samples from auger hole AH-1 adjacent to former Produced Water Tank.



Photograph No. 6

Facility: Hartley TB

County: Lea, NM

Date: 09/19/2019

Photographer: Jeff Kindley

Description:

View of pad around Produced Water Tank. Notice growth on the pad indicating chloride levels in the soil are low at the site.



District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 57951

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 57951
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	11/24/2021