

NAPP2235047407

<b>Spill Volume(Bbls) Calculator</b>		
<i>Inputs in blue, Outputs in red</i>		
<b>Contaminated Soil measurement</b>		
Length(Ft)	Width(Ft)	Depth(Ft)
		<u>0.021</u>
Cubic Feet of Soil Impacted		<u>0.000</u>
Barrels of Soil Impacted		<u>0.00</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>0.00</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels of Oil Released		0.00
<b>Free Standing Fluid Only</b>		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>30</u>	<u>14.000</u>	<u>0.250</u>
Standing fluid		<u>18.675</u>
<b>Total fluids spilled</b>		<b><u>18.675</u></b>



209 W. McKay Street  
Carlsbad, New Mexico 88220  
Tel. 432.701.2159  
www.ntgenvironmental.com

December 11, 2023

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210

**Re: Closure and Deferral Request Report  
Gaucho 30 CTB 1  
Devon Energy Production Company  
Site Location: Unit I, S30, T22S, R34E  
Site Coordinates are shown in Figures 3A, 3B and 3C  
Lea County, New Mexico  
Incident ID: nAPP2112039086, nAPP2316340275 & nAPP2235047407**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Closure and Deferral request to document site assessment, remedial action, and sampling activities at the Gaucho 30 CTB 1 (Site) for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico. The Site is located in Unit Letter I, Section 30, of Township 22 South and Range 34 East in Lea County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

### **Background**

Based on the initial C-141 (Incident ID: nAPP2112039086) obtained from the NMOCD, the release was discovered on March 30<sup>th</sup>, 2021. The release was a result of equipment failure in a water dump line which resulted in the release of approximately 19 barrels (bbls) of crude oil and 100.4 bbls of produced water of which 19 bbls of crude oil and 21 bbls of produced water were recovered for a net loss of 79.4 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3A.

Based on the initial C-141 (Incident ID: nAPP2316340275) obtained from the NMOCD, the release was discovered on June 11<sup>th</sup>, 2023. The release was a result of a pinhole leak in a main water line which resulted in the release of approximately 7 barrels (bbls) of produced water of which 5 bbls were recovered for a net loss of 2 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3B.

Based on the initial C-141 (Incident ID: nAPP2235047407) obtained from the NMOCD, the release was discovered on December 16<sup>th</sup>, 2022. The release was a result of equipment failure – flange on SWD offload developed a leak which resulted in the release of approximately 18 barrels (bbls) of produced water of which 7 bbls were recovered for a net loss of 11 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3C. The initial C-141 form for the three (3) spills is attached.

Mr. Mike Bratcher  
December 11, 2023  
Page 2 of 4

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is one known water source within a ½-mile radius of the Site. The nearest identified well is located approximately 350 feet southwest of the Site in Sec 30 T22S R34E. The well was drilled in 2023 to the reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. A copy of the site characterization information and the associated NMOSE summary report is attached.

### **Regulatory Criteria**

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

#### *General Site Characterization and Groundwater:*

Site Characterization	Average Groundwater Depth (ft)
Low Karst	>55

*Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)*

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	10,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

### **Site Assessment**

On January 26<sup>th</sup>, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for incident nAPP2112039086. A total of seven (7) test pit points (TP-1 through TP-8) and eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected in 1 ft intervals from depths ranging from 0 – 10 ft bgs for test pits and 0 to 6” for horizontal samples.

The samples were submitted to Cardinal Laboratories in Hobbs, NM for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of TP-1 through TP-5 ranging from 1 ft bgs to 5 ft bgs. Analytical results are included in Table 1A and sampling locations are shown in Figure 3A. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Mr. Mike Bratcher  
December 11, 2023  
Page 3 of 4

On June 22<sup>nd</sup>, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for the incident nAPP2316340275. A total of four (4) vertical sample points (S-1 through S-4) and six (6) horizontal sample points (H-1 through H-6) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0 – 4.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

The samples were analyzed for BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-4 at various depths ranging from 0 ft bgs to 3.5 ft bgs. Analytical results are included in Table 1B and sampling locations are shown in Figure 3B. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

On January 4<sup>th</sup>, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for incident nAPP2235047407. A total of three (3) vertical delineation sample points (S-1 through S-3) and eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0 – 4.5 ft bgs. On February 3<sup>rd</sup>, 2023, NTGE collected additional three (3) test pit samples (TP-1 through TP-3) in the area of impact in one (1) ft intervals at depths ranging from 6 to 11 ft bgs.

The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-3 at various depths ranging from 0 ft bgs to 4.5 ft bgs. Analytical results are included in Table 1C and sampling locations are shown in Figure 3C. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

### **Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with remediation activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The impacts from each incident were commingled and addressed as a single excavation. The release area of TP-1 was excavated to 2 ft bgs, areas of TP-2 through TP-4 were excavated to 4 ft bgs and area of TP-5 were excavated to 6 ft bgs based on the delineation samples results shown in Table 1A. The release areas of S-1 through S-4 were excavated to 4 ft bgs based on the delineation samples results shown in Table 1B. The release areas of S-1 through S-3 were excavated to 5 ft bgs based on the delineation samples results shown in Table 1C. Final excavation maps with confirmation sample locations are shown in Figure 4A and Figure 4B.

On October 2<sup>nd</sup>, 2023, NTGE was onsite to collect thirty-three (33) confirmation samples (CS-1 through CS-33) from the base of the excavation as well as thirty-one (31) confirmation side wall samples (SW-1 through SW-31). The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Two (2) confirmation samples (CS-5 and CS-8) exceeded the NMOCD Table 3.1 standards for TPH, two (2) confirmation samples (CS-18 and CS-19) exceeded the NMOCD Table 3.1 standards for chlorides. Five (5) side wall samples (SW-9 through SW-13) exceeded the NMOCD



Mr. Mike Bratcher  
December 11, 2023  
Page 4 of 4

Table 3.1 standards for TPH, four (4) side wall samples (SW-3, SW-20, SW-25 and SW-31) exceeded the NMOCD Table 3.1 standards for chlorides and three (3) side wall samples exceeded the NMOCD Table 3.1 standards for both TPH and chlorides. Laboratory reports containing analytical methods and chain-of-custody documents are attached. Laboratory analytical results indicate that multiple confirmation samples were above NMOCD regulatory criterion from Table I, Closure Criteria.

On October 5<sup>th</sup>, 2023, NTGE was onsite to collect fifty-one (51) confirmation samples (CS-34 through CS-84) from the base of the excavation as well as twenty-four (24) confirmation side wall samples (SW-32 through SW-55). One (1) confirmation sample (CS-39) exceeded the NMOCD Table 3.1 standard for TPH and three (3) side wall samples (SW-52, SW-53 and SW-55) exceeded the NMOCD Table 3.1 standard for chloride. The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached. Laboratory analytical results indicate that multiple confirmation samples were above NMOCD regulatory criterion from Table I, Closure Criteria.

Devon continued expanding the excavation both horizontally and vertically based on the laboratory results of confirmation samples to ensure all impacted soils were removed. Final confirmation samples collected on October 13<sup>th</sup> and October 20<sup>th</sup>, 2023, indicate that impacted soils were removed from all impacted areas except the areas of CS-5, CS-8, SW-3, SW-9 through SW-12, SW-17 through SW-20, SW-25, SW-31, SW-56, SW-62 and SW-63. All other confirmation samples were below NMOCD regulatory criterion for the Site.

Areas of CS-5, CS-8, SW-3, SW-9 through SW-12, SW-17 through SW-20, SW-25, SW-31, SW-56, SW-62 and SW-63 are in a close proximity to the facility infrastructure and cannot be expanded either horizontally or vertically without interfering with the integrity of the equipment.

Complete analytical results for all confirmation samples are presented in Table 2 and the final excavation map with confirmation sample locations is shown in Figures 4A and 4B.

On November 28<sup>th</sup>, 2023, NTGE was on site to collect eight (8) vertical delineation samples (DV-1 through DV-8) in 0.5 to 1 ft depth intervals from depths ranging from 0 – 5.5 ft bgs with a geotechnical hand auger in the areas inaccessible to excavation machinery. With the delineation samples, the Site impacts were delineated. Laboratory results of these samples are presented in Table 3 and their locations are shown in Figure 5.

### **Deferral Request**

Devon personnel have expressed that the excavation areas CS-5, CS-8, SW-3, SW-9 through SW-12, SW-17 through SW-20, SW-25, SW-31, SW-56, SW-62 and SW-63 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., separators, tanks and adjacent flowlines and electrical lines, etc.) around the excavation and the associated safety concerns without encroaching and destabilizing the infrastructure. The final excavation is presented on Figure 4A.

On behalf of Devon, NTGE formally requests a closure/deferral for incidents nAPP2112039086, nAPP2316340275 and nAPP2235047407 to address the remaining soil impacts at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date. The

Mr. Mike Bratcher  
December 11, 2023  
Page 5 of 4

release notification, site assessment/characterization, remediation plan, and closure/deferral portion of form C-141 are attached to the front of this report.

If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager



Dmitry Nikanorov  
Project Scientist

Attachments:

Initial And Final C-141  
Closure Report Questions  
Site Characterization Information  
Tables  
Figures  
Photographic Log  
Laboratory Reports and Chain-of-Custody Documents

## Kenny Han

---

**From:** Kellan Smith  
**Sent:** Tuesday, September 19, 2023 2:22 PM  
**To:** Enviro, OCD, EMNRD; NTG Env Carlsbad  
**Subject:** Sampling Notification - nAPP2235047407

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Friday, September 22nd, 2023, at around 12 p.m. MDT regarding the Gaucho 30 CTB 1.

Incident ID: nAPP2235047407

Thanks!  
Kellan Smith  
Project Scientist  
NTG Environmental  
209 W McKay, Carlsbad, NM 88220  
W: (832) 374-0004 P: (580) 682-1889  
Email: ksmith@ntglobal.com

## Kenny Han

---

**From:** Ethan Sessums  
**Sent:** Wednesday, September 27, 2023 1:34 PM  
**To:** Enviro, OCD, EMNRD  
**Cc:** NTG Env Carlsbad  
**Subject:** Sampling Notification

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Friday, October 2nd, 2023, at or around 12 p.m. MDT regarding the Gaucho 30 CTB 1.

Incident ID: nAPP2235047407

Ethan Sessums  
Project Manager  
NTGE New Mexico  
209 W McKay St. Carlsbad, NM 88220  
M: (254)-266-5456 W: (432)-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | [Site Assessment](#), [Remediation & Site Closure](#) | Water Quality & Natural Resources

## Kenny Han

---

**From:** Kellan Smith  
**Sent:** Monday, October 9, 2023 12:06 PM  
**To:** Enviro, OCD, EMNRD  
**Cc:** NTG Env Carlsbad  
**Subject:** Sampling Notification - nAPP2235047407

NTG Environmental, on behalf of Devon Energy Production Company, will be conducting confirmation sampling activities Wednesday, October 11th, 2023, through Friday, October 13th, 2023, regarding the Gaucho 30 CTB 1.

Incident ID: nAPP2235047407

Thanks!

Kellan Smith  
Project Scientist  
NTG Environmental  
209 W McKay, Carlsbad, NM 88220  
W: (832) 374-0004 P: (580) 682-1889  
Email: ksmith@ntglobal.com



## Kenny Han

---

**From:** Ethan Sessums  
**Sent:** Monday, October 2, 2023 11:02 AM  
**To:** Enviro, OCD, EMNRD  
**Cc:** NTG Env Carlsbad  
**Subject:** Sampling Notification

NTG Environmental, on behalf of Devon Energy Production Company, will be continuing confirmation sampling activities Wednesday, October 4th, 2023, at or around 12 p.m. MDT regarding the Gaucho 30 CTB 1 continuing until the close of business Friday the 6<sup>th</sup>.

Incident ID: nAPP2235047407

Ethan Sessums  
Project Manager  
NTG Environmental New Mexico  
209 W McKay St, Carlsbad, NM 88220  
M: 254-266-5456 W: 432-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
<http://www.ntgenvironmental.com/>



**Kenny Han**

---

**From:** Ethan Sessums  
**Sent:** Thursday, October 19, 2023 1:01 PM  
**To:** Enviro, OCD, EMNRD  
**Cc:** NTG Env Carlsbad  
**Subject:** Sampling notification

NTGE on behalf of DEVON will be conducting confirmation sampling the entire week of the 23<sup>rd</sup> starting at 2 p.m. MDT and ending close of business Friday the 27<sup>th</sup>.

nAPP2235047407	Gaucha 30 CTB 1
nAPP2112039086	Gaucha 30 CTB 1
nAPP2316340275	Gaucha 30 CTB 1

Ethan Sessums  
Project Manager  
NTG Environmental New Mexico  
209 W McKay St, Carlsbad, NM 88220  
M: 254-266-5456 W: 432-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
<http://www.ntgenvironmental.com/>



STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

## **INITIAL AND FINAL C-141**

---

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

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NAPP2112039086
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Lupe Carrasco	Contact Telephone 575-748-0165
Contact email Lupe.Carrasco@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy	

Location of Release Source

Latitude 32.360550 Longitude -103.501847  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gaucho 30 CTB 1	Site Type Oil
Date Release Discovered 3/30/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	30	22S	34E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: )

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 19 BBLS	Volume Recovered (bbls) 19 BBLS
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 100.4 BBLS	Volume Recovered (bbls) 21 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release  
Water dump line developed a leak. All fluid stayed on pad.

Incident ID	NAPP2112039086
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>This is considered a major release because it is over 25 BBLs.</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>Immediate notice was given to the OCD by Lupe Carrasco on 3/31/2021 by email.</b>	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: <b>The spill was not in containment.</b>	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <b>Kendra DeHoyos</b>	Title: <b>EHS Associate</b>
Signature: <u>Kendra DeHoyos</u>	Date: <u>4/30/2021</u>
email: <u>Kendra.DeHoyos@dvn.com</u>	Telephone: <u>575-748-0167</u>
<b><u>OCD Only</u></b>	
Received by: <u>Ramona Marcus</u>	Date: <u>5/10/2021</u>



NAPP2112039086

Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>5315</u>	<u>0.500</u>
Standing fluid	<u>39.476</u>
<b><u>Total fluids spilled</u></b>	<b><u>39.476</u></b>

<b><u>Spill Volume(Bbls) Calculator</u></b>	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
<u>124680</u>	<u>0.010</u>
Cubic Feet of Soil Impacted	<u>103.900</u>
Barrels of Soil Impacted	<u>18.52</u>
Soil Type	<u>Clay/Sand</u>
Barrels of Oil Assuming 100% Saturation	<u>2.78</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>2.78</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>2596</u>	<u>2.000</u>
Standing fluid	<u>77.124</u>
<b><u>Total fluids spilled</u></b>	<b><u>79.902</u></b>

**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 26451

**CONDITIONS OF APPROVAL**

Operator: DEVON ENERGY PRODUCTION COMPAN333 West Sheridan Ave. Oklahoma City, OK73102			OGRID: 6137	Action Number: 26451	Action Type: C-141
OCD Reviewer			Condition		
marcus			None		

Incident ID	nAPP2112039086
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

<b>Characterization Report Checklist:</b> Each of the following items must be included in the report.
<input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
<input type="checkbox"/> Field data
<input checked="" type="checkbox"/> Data table of soil contaminant concentration data
<input checked="" type="checkbox"/> Depth to water determination
<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
<input type="checkbox"/> Boring or excavation logs
<input checked="" type="checkbox"/> Photographs including date and GIS information
<input checked="" type="checkbox"/> Topographic/Aerial maps
<input checked="" type="checkbox"/> Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2112039086
District RP	
Facility ID	
Application ID	

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.

Printed Name: \_\_\_Dale Woodall\_\_\_\_\_ Title: \_\_\_Env. Professional\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_12/05/23\_\_\_\_\_

email: \_\_\_dale.woodall@dvn.com\_\_\_\_\_ Telephone: \_\_\_575-748-1838\_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2112039086
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. professional \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/05/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dvn.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



Incident ID	nAPP2112039086
District RP	
Facility ID	
Application ID	

## 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: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. Professional \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/05/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dvn.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

### 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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.360526 Longitude -103.501873  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gaucho Unit 30 CTB 1	Site Type Oil
Date Release Discovered 6/11/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	30	22S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: )

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 7 BBLS	Volume Recovered (bbls) 5 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Water line developed leak.

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Kendra Ruiz</u>	Title: <u>EHS Associate</u>
Signature: <u>Kendra Ruiz</u>	Date: <u>6/20/2023</u>
email: <u>Kendra.Ruiz@dvn.com</u>	Telephone: <u>575-748-0167</u>
<b><u>OCD Only</u></b>	
Received by: <u>Shelly Wells</u>	Date: <u>6/21/2023</u>

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (Ft <sup>2</sup> )	Depth (in)
<u>1694</u>	<u>0.250</u>
Cubic Feet of Soil Impacted	<u>35.292</u>
Barrels of Soil Impacted	<u>6.29</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>0.94</u>
Saturation	Damp no fluid when squeezed
Estimated Barrels of Oil Released	<u>0.9400</u>
Free Standing Fluid Only	
Area (Ft <sup>2</sup> )	Depth (inches)
<u>1674</u>	<u>0.250</u>
Standing fluid	<u>6.211</u>
<u>Total fluids spilled on surface soils</u>	<u>7.151</u>

**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 230544

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 230544
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/21/2023



Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

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.

Printed Name: \_\_\_Dale Woodall\_\_\_\_\_ Title: \_\_\_Env. Professional\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_12/05/23\_\_\_\_\_

email: \_\_\_dale.woodall@dv.com\_\_\_\_\_ Telephone: \_\_\_575-748-1838\_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. professional \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/05/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dvn.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2316340275
District RP	
Facility ID	
Application ID	

## 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: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. Professional \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/05/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dvn.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

### 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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

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

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone
Contact email Dale.Woodall@dvn.com	Incident # (assigned by OCD)
Contact mailing address 6488 Seven Rivers Hwy Artesia, NM 88210	

Location of Release Source

Latitude 32.360530 Longitude -103.501817  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Gaucho Unit 30 CTB 1	Site Type Oil
Date Release Discovered 12/16/2022	API# (if applicable)

Unit Letter	Section	Township	Range	County
I	30	22S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 18 BBLS	Volume Recovered (bbls) 7 BBLS
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Flange on SWD offload developed leak causing spill on location.

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

<p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>If YES, for what reason(s) does the responsible party consider this a major release?</p>
<p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>	

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Kendra Ruiz</u>	Title: <u>EHS Associate</u>
Signature: <u><i>Kendra Ruiz</i></u>	Date: <u>1/4/2023</u>
email: <u>Kendra.Ruiz@dvn.com</u>	Telephone: <u>575-748-0167</u>
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>01/04/2023</u>

NAPP2235047407

<b>Spill Volume(Bbls) Calculator</b>		
<i>Inputs in blue, Outputs in red</i>		
<b>Contaminated Soil measurement</b>		
Length(Ft)	Width(Ft)	Depth(Ft)
		<u>0.021</u>
Cubic Feet of Soil Impacted		<u>0.000</u>
Barrels of Soil Impacted		<u>0.00</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>0.00</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels of Oil Released		<u>0.00</u>
<b>Free Standing Fluid Only</b>		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>30</u>	<u>14.000</u>	<u>0.250</u>
Standing fluid		<u>18.675</u>
<b>Total fluids spilled</b>		<b><u>18.675</u></b>

**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 172138

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 172138
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/4/2023



Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>55 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

<p><b>Characterization Report Checklist:</b> Each of the following items must be included in the report.</p> <div><input checked="" type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.<input type="checkbox"/> Field data<input checked="" type="checkbox"/> Data table of soil contaminant concentration data<input checked="" type="checkbox"/> Depth to water determination<input checked="" type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release<input type="checkbox"/> Boring or excavation logs<input checked="" type="checkbox"/> Photographs including date and GIS information<input checked="" type="checkbox"/> Topographic/Aerial maps<input checked="" type="checkbox"/> Laboratory data including chain of custody</div>
---

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

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.

Printed Name: \_\_\_Dale Woodall\_\_\_\_\_ Title: \_\_\_Env. Professional\_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_12/05/23\_\_\_\_\_

email: \_\_\_dale.woodall@dvn.com\_\_\_\_\_ Telephone: \_\_\_575-748-1838\_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. professional \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/05/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dvn.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2235047407
District RP	
Facility ID	
Application ID	

## 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: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. Professional \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/05/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dvn.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

**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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## **CLOSURE REPORT QUESTIONS**

---

- What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)? **Between 51 and 75 ft bgs**
- What method was used to determine the depth to ground water? **NMOSE database**
- Did this release impact groundwater or surface water? **No**  
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:
  - A continuously flowing watercourse or any other significant watercourse? **Between 1 and 5 miles**
  - Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)? **Between 1 and 5 miles**
  - An occupied permanent residence, school, hospital, institution or church? **Between 1 and 5 miles**
  - A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? **Between 1 and 5 miles**
  - Any other fresh water well or spring? **Between 1 and 5 miles**
  - Incorporated municipal boundaries or within a defined municipal fresh water well field? **Between 1 and 5 miles**
  - A wetland? **Between 1 and 5 miles**
  - A subsurface mine? **Between 1 and 5 miles**
  - An (non-karst) unstable area? **Between 1 and 5 miles**
  - Categorize the risk of this well / site being in a karst geology? **Low karst potential**
  - A 100-year floodplain? **Between 1 and 5 miles**
- Did the release impact areas not on an exploration, development, production, or storage site? **No**

## **SITE CHARACTERIZATION INFORMATION**

---

## NMOCD Closure Criteria

Gaucha CTB 30 1

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	>55	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100	x	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	Yes					
Within a 100 yr floodplain?	No					

\* - numerical limit or background, whichever is greater



## Gaucha CTB 30 1



12/5/2023, 11:28:21 AM

OSE Water PODs    Karst Occurrence Potential     PLSS First Division

- Plugged  Low

Wells - Large Scale  PLSS Second Division

Gas, Plugged

1:4,514

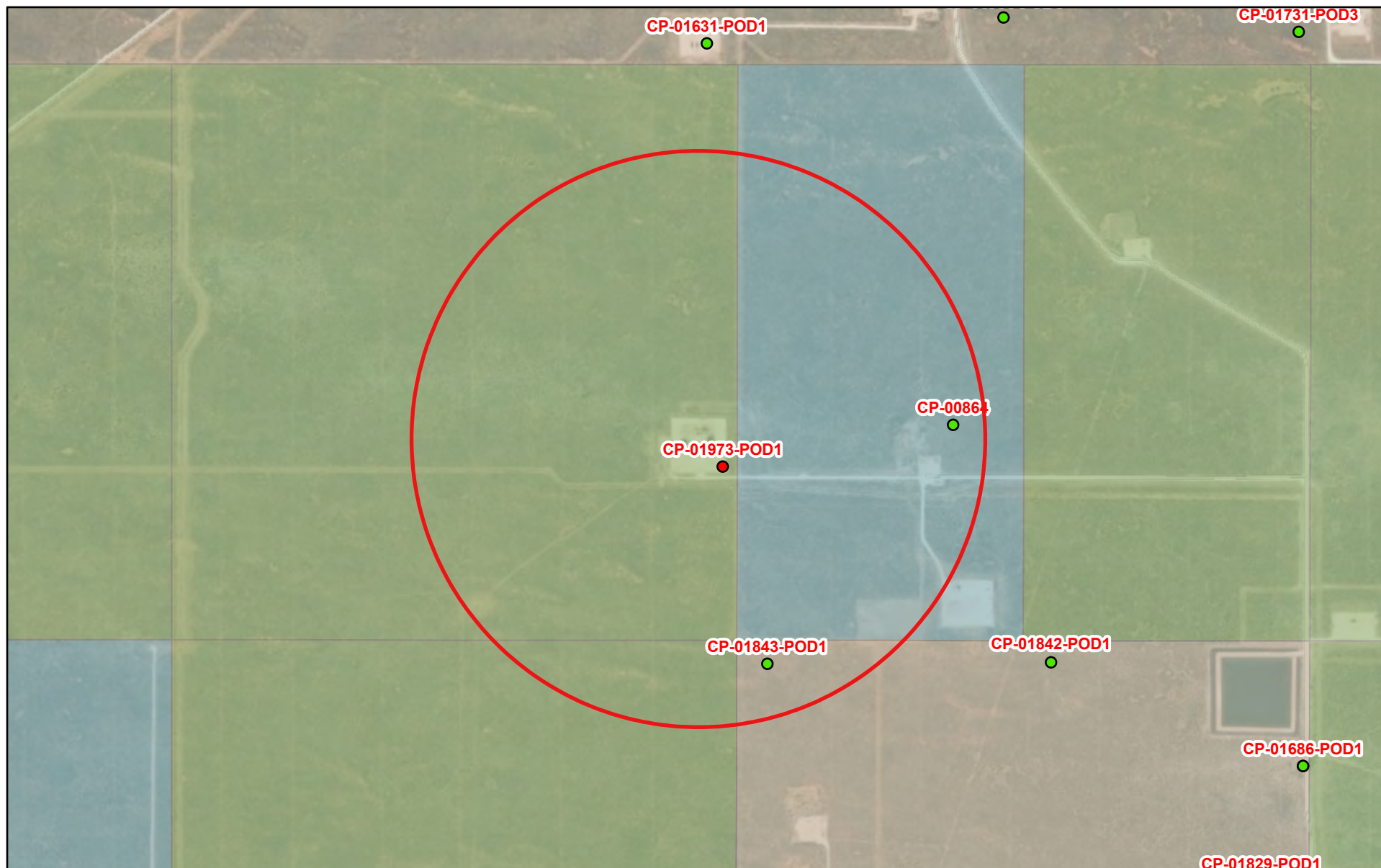
0 0.05 0.1 0.2 km

BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., USGS, OCD, Maxar,

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb98f35ca75>; New Mexico Oil Conservation Division

# OSE POD Location Map

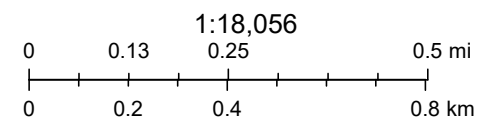


12/5/2023, 11:22:18 AM

- Override 1
- Active
- Pending
- Inactive
- Plugged
- OSE District Boundary

- Water Right Regulations
- Closure Area
- New Mexico State Trust Lands
- Subsurface Estate

- Surface Estate
- Both Estates

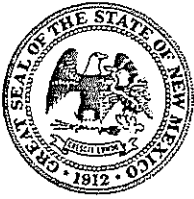


Esri, HERE, IPC, Esri, HERE, Garmin, IPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CP-1973-POD1		WELL TAG ID NO.		OSE FILE NO(S).		
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 205 E. Bender Road #150				CITY Hobbs	STATE NM	ZIP 88240
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 21'	SECONDS 35.3"	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
	LONGITUDE	103	30'	3.87"	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 7-27-23		DRILLING ENDED 7-27-23		DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED	
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6	2" PVC SCH 40	Thread	2"	SCH 40	-
	45	55	6	2" PVC SCH 40	Thread	2"	SCH 40	.02

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE - RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None pulled and plugged		

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

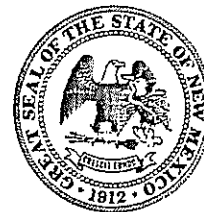
FILE NO.		POD NO.		TRN NO.	
LOCATION			WELL TAG ID NO.		PAGE 1 OF 2

[illegible]

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.		PAGE 2 OF 2



# PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

## I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-1973-POD1

Well owner: Devon Energy Resources

Phone No.: \_\_\_\_\_

Mailing address: 205 E. Bender Road #150

City: Hobbs State: NM Zip code: 88240

## II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Vision Resources INC
- 2) New Mexico Well Driller License No.: WD1833 Expiration Date: 10-7-23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Jason Maley
- 4) Date well plugging began: 7-31-23 Date well plugging concluded: 7-31-23
- 5) GPS Well Location: Latitude: 32 deg, 21' min, 35.3" sec  
Longitude: 103 deg, 30' min, 3.87" sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 55 ft below ground level (bgl),  
by the following manner: Tape
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7-13-2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- For each interval plugged, describe within the following columns:

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, Jason Maley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.




Signature of Well Driller

8-7-23  
Date

# Gaucha 30 CTB

Significant Watercourse Map

## Legend

-  300 Foot Radius
-  Gaucha 30 CTB
-  Half Mile Radius







## Gaucho 30 CTB 1



January 11, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# National Flood Hazard Layer FIRMMette



103°30'25"W 32°21'53"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **1/11/2023 at 11:20 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

## **TABLES**

---

**Table 1A**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Gaucha 30 CTB 1 - nAPP2112039086**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Test Pit Delineation Samples													
TP-1	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	234	234	53.7	287.7	64
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	27.9	27.9	<10.0	<10.0	48
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
TP-2	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	430	430	83.3	513.3	80
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	153	153	33	186	176
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	332	332	97.8	429.8	144
	1/26/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	1/26/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	1/26/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	1/26/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.9	48.9	<10.0	48.9	176
	1/26/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
TP-3	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4480	4480	1160	5640	528
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	31.5	2010	2041.5	428	2469.5	320
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	999	999	232	1231	384
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	328	328	89.4	417.4	608
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	40.6	2660	2700.6	534	3234.6	992
	1/26/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	11.8	488	499.8	116	615.8	1500
	1/26/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	150	150	33.7	183.7	240
	1/26/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
	1/26/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	49.9	49.9	<10.0	49.9	336
	1/26/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
TP-4	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	22.6	3530	3552.6	691	4243.6	1090
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	938	938	218	1156	1140
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	655	655	155	810	304
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.5	28.5	<10.0	28.5	2120
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1990	1990	544	2534	1790
	1/26/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
	1/26/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	114	114	28.9	142.9	608
	1/26/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	72.4	72.4	19.6	92	784
	1/26/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	1/26/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
TP-5	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	132	132	11.6	143.6	128
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	54.4	54.4	<10.0	54.4	128
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
TP-6	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

**Table 1A**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Gaucha 30 CTB 1 - nAPP2112039086**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP-6	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
TP-7	1/26/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	1/26/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	1/26/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	1/26/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	1/26/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
Horizontal Samples													
H-1	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13	13	<10.0	13	64
H-2	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
H-3	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-4	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-5	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-6	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
H-7	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-8	1/26/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64

## Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B

 Sample Point Excavated

- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

-

**Table 1B**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Gaucha 30 CTB 1 - nAPP2316340275**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Vertical Delineation Samples													
S-1	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1140
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4800
	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1760
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
S-2	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11700
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3520
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3720
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5760
S-3	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9440
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
S-4	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16000
	6/22/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3000
	6/22/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
	6/22/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	6/22/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
Horizontal Delineation Samples													
H-1	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.4	24.4	21.7	46.1	176
H-2	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	64
H-3	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
H-4	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	20.1	<10.0	20.1	896
H-5	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
H-6	6/22/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.3	10.3	<10.0	10.3	400

**Notes:**

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B

 Sample Point Excavated

- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

- Not Analyzed

Table 1C  
Summary of Soil Analytical Data - Delineation Samples  
Gaucho 30 CTB 1 - nAPP2235047407  
Devon Energy Production Company  
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Horizontal Delineation Samples													
H-1	1/4/2023	0-6"	0.00242	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	103
H-2	1/4/2023	0-6"	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	412
H-3	1/4/2023	0-6"	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	499
H-4	1/4/2023	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	488
H-5	1/4/2023	0-6"	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.9	<49.9	<49.9	<49.9	<49.9	178
H-6	1/4/2023	0-6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	426
H-7	1/4/2023	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	888
H-8	1/4/2023	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	1250
Vertical Delineation Samples													
S-1	1/4/2023	0-1'	<0.0401	<0.0401	<0.0401	<0.0802	<0.0802	<49.9	<49.9	<49.9	<49.9	<49.9	13700
	1/4/2023	1-1.5'	0.00445	0.00396	<0.00200	<0.00399	0.00841	<49.8	<49.8	<49.8	<49.8	<49.8	10600
	1/4/2023	2-2.5'	0.00337	0.00315	<0.00199	<0.00398	0.00652	<49.9	<49.9	<49.9	<49.9	<49.9	7430
	1/4/2023	3-3.5'	0.0053	0.00706	<0.00200	<0.00399	0.0124	<49.8	<49.8	<49.8	<49.8	<49.8	4940
	1/4/2023	4-4.5'	0.00413	0.00465	<0.00201	<0.00402	0.00878	<49.9	<49.9	<49.9	<49.9	<49.9	5110
S-2	1/4/2023	0-1'	<0.0402	<0.0402	<0.0402	<0.0803	<0.0803	<49.9	<49.9	<49.9	<49.9	<49.9	18600
	1/4/2023	1-1.5'	0.00334	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	14600
	1/4/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	9770
	1/4/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	9290
	1/4/2023	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	10900
S-3	1/4/2023	0-1'	<0.00200	<0.00200	<0.00200	0.00781	0.00781	<50.0	<50.0	<50.0	<50.0	<50.0	8430
	1/4/2023	1-1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	5660
	1/4/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	4890
	1/4/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	4410
	1/4/2023	4-4.5'	0.0025	0.00236	<0.00201	<0.00402	0.00486	<49.9	<49.9	<49.9	<49.9	<49.9	5550
TP-1	2/3/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
	2/3/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4240
	2/3/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
	2/3/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
	2/3/2023	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2720
	2/3/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	912
TP-2	2/3/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280
	2/3/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	2/3/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	2/3/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	2/3/2023	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
	2/3/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

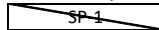


**Table 1C**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Gaucho 30 CTB 1 - nAPP2235047407**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
TP-3	2/3/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4720
	2/3/2023	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
	2/3/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	2/3/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1570
	2/3/2023	10	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
	2/3/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600

## Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B



Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
9. --- Not Analyzed

Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Gaucho 30 CTB 1  
Devon Energy Production Company  
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg			
Confirmation Base Samples													
CS-1	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-2	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-3	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<50.0	12.6	12.6	<10.0	12.6	288
CS-4	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	192
CS-5	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1280	1280	310	1590	352
CS-6	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.5	30.5	<10.0	30.5	144
CS-7	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.5	56.5	<10.0	56.5	160
CS-8	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	11.4	7430	7441.4	1540	8981.4	1090
CS-9	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-10	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-11	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.1	15.1	<10.0	15.1	288
CS-12	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-13	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.6	36.6	<10.0	36.6	160
CS-14	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.4	24.4	<10.0	24.4	464
CS-15	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	44.7	44.7	<10.0	44.7	560
CS-16	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
CS-17	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15	15	<10.0	15	224
CS-18	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10100
	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	30.6	30.6	<50.0	30.6	80.4
CS-19	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.2	25.2	<10.0	25.2	16400
	10/13/2023	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	61.2	61.2	<50.0	61.2	406
CS-20	10/2/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.1	19.1	<10.0	19.1	3720
CS-21	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-22	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-23	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-24	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-25	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-26	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-27	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
CS-28	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5920
CS-29	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.1	60.1	10.8	70.9	96
CS-30	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1120
CS-31	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2480
CS-32	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2560
CS-33	10/2/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-34	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-35	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.3	22.3	<10.0	22.3	32



Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Gaucho 30 CTB 1  
Devon Energy Production Company  
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
CS-36	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-37	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-38	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-39	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1580	1580	452	2032	304
	10/13/2023	5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	39.9
CS-40	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.1	16.1	10.7	26.8	48
CS-41	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-42	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-43	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.4	10.4	<10.0	10.4	16
CS-44	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-45	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-46	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-47	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-48	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	336
CS-49	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	18.8	<10.0	18.8	48
CS-50	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-51	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-52	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.4	13.4	<10.0	13.4	192
CS-53	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-54	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-55	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-56	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-57	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-58	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-59	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
CS-60	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-61	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-62	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-63	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-64	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-65	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-66	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-67	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-68	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-69	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-70	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-71	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-72	10/5/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Gaucho 30 CTB 1  
Devon Energy Production Company  
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
CS-73	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	230	230	58.7	288.7	<16.0
CS-74	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-75	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-76	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-77	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38	38	16	54	112
CS-78	10/5/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	126	126	46.9	172.9	16
CS-79	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-80	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-81	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
CS-82	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
CS-83	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
CS-84	10/5/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
CS-85	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	94.4	94.4	57.8	152.2	<20.0
CS-86	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	178	178	140	318	<20.0
CS-87	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	170	170	111	281	<20.0
CS-88	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	63.5	63.5	54.8	118.3	<20.0
CS-89	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
CS-90	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	42.7	42.7	<50.0	42.7	<20.0
CS-91	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	34.7	34.7	<50.0	34.7	<20.0
CS-92	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
CS-93	10/13/2023	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	39.5	39.5	<50.0	39.5	<20.0
CS-94	10/20/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
Confirmation Sidewall Samples													
SW-1	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-2	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-3	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1960
SW-4	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SW-5	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.9	39.9	<10.0	39.9	112
SW-6	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-7	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-8	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-9	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	168	168	23.7	191.7	144
SW-10	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3360	3360	1100	4460	256
SW-11	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	28.2	5790	5818.2	1310	7128.2	128
SW-12	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	162	162	41	203	256
SW-13	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	274	274	40.3	314.3	416
SW-13A	10/13/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	409
SW-14	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48

Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Gaucho 30 CTB 1  
Devon Energy Production Company  
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg			
SW-15	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-16	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.2	24.2	<10.0	24.2	208
SW-17	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13100	13100	4880	17980	1490
SW-18	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2680	2680	1110	3790	1090
SW-19	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2740	2740	1070	3810	1330
SW-20	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8000
SW-21	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-22	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.5	34.5	<10.0	34.5	160
SW-23	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-24	10/2/2023	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SW-25	10/2/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1150
SW-26	10/2/2023	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-27	10/2/2023	4-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-28	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-29	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-30	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-31	10/2/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2560
SW-32	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-33	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
SW-34	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-35	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.6	21.6	<10.0	21.6	<16.0
SW-36	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-37	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-38	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-39	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-40	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-41	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.1	32.1	<10.0	32.1	192
SW-42	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-43	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-44	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16	16	<10.0	16	32
SW-45	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.6	32.6	<10.0	32.6	96
SW-46	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SW-47	10/5/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SW-48	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-49	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-50	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-51	10/5/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SW-52	10/5/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
SW-52A	10/13/2023	0-5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0

Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Gaucho 30 CTB 1  
Devon Energy Production Company  
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
SW-53	10/5/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1570
SW-53A	10/13/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0
SW-54	10/5/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-55	10/5/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
SW-55A	10/13/2023	0-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<20.0
SW-56	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	134	134	101	235	<20.0
SW-57	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	47.9	47.9	<50.0	47.9	<20.0
SW-58	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-59	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-60	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-61	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
SW-62	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	4810
SW-63	10/13/2023	0-6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	4160
SW-64	10/20/2023	6-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-65	10/20/2023	6-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176

## Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-1 Sample Point Excavated

**Table 3**  
**Summary of Soil Analytical Data - Deferral Samples**  
**Gaucha 30 CTB 1**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO		
							(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		
							Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC						
10 mg/kg	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg				
Deferral Samples													
DV-1	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
DV-2	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
DV-3	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	60.3	60.3	<10.0	60.3	672
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.8	29.8	<10.0	29.8	384
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
DV-4	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	13.9	1020	1033.9	158	1191.9	368
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2460	2460	623	3083	320
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	2770	2770	764	3534	336
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	53.5	53.5	<10.0	53.5	352
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	65.5	65.5	<10.0	65.5	128
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
DV-5	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	107	107	<10.0	107	32
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	46.3	1040	1086.3	128	1214.3	64
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	74.6	74.6	<10.0	74.6	16
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	144	144	16.4	160.4	80
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
DV-6	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	98.1	98.1	13.5	111.6	4320
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1500	1500	351	1851	720
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4100	4100	971	5071	416
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	286	286	65.9	351.9	720
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	193	193	35.6	228.6	208
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
DV-7	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.5	12.5	<10.0	12.5	112
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.5	47.5	11.7	59.2	208
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

**Table 3**  
**Summary of Soil Analytical Data - Deferral Samples**  
**Gaucha 30 CTB 1**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
DV-8	11/20/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	11/20/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	11/20/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
	11/20/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	25.8	25.8	<10.0	25.8	144
	11/20/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	11/20/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

## Notes:

1. Values reported in mg/kg
2. < = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B

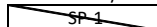
5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

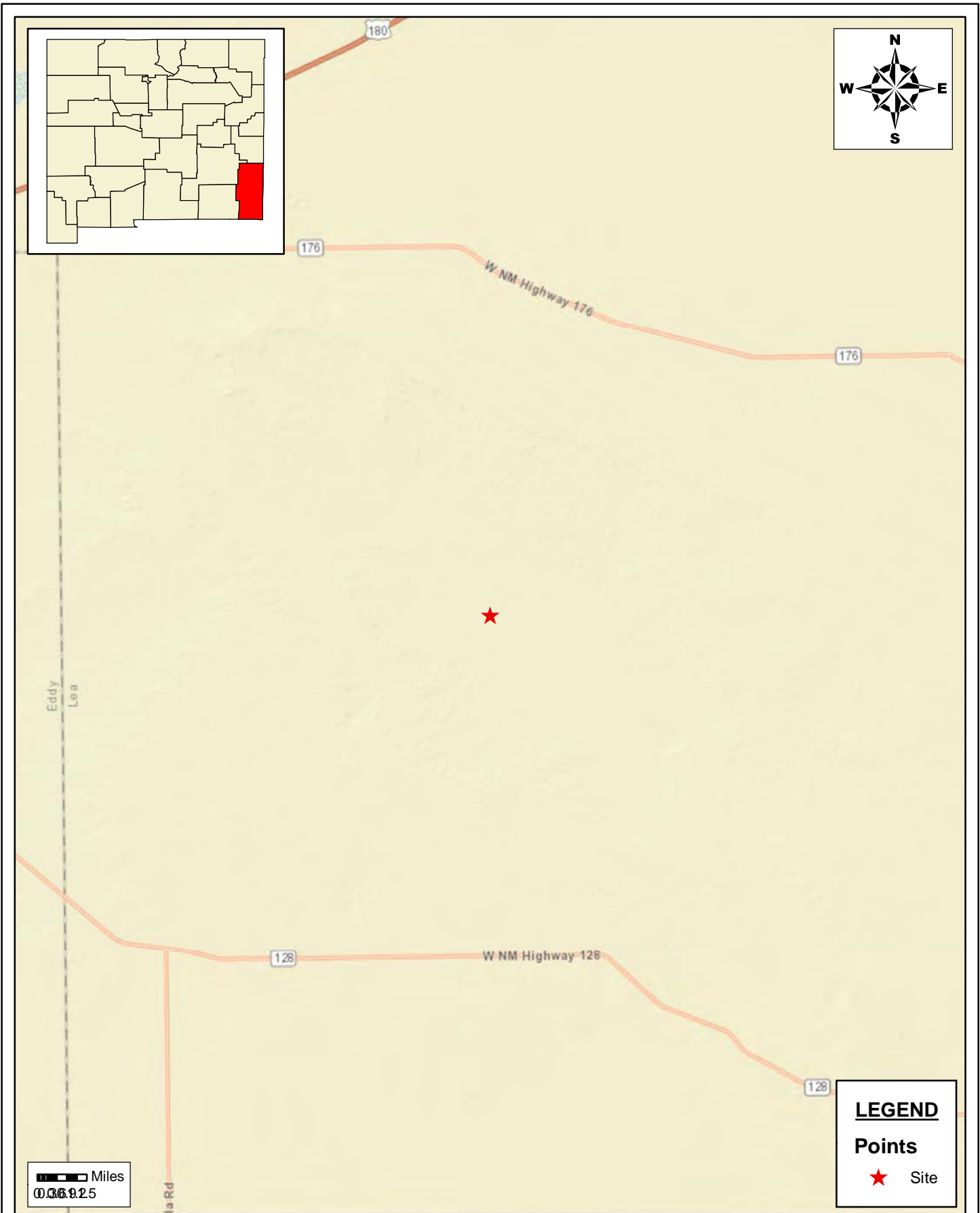
9. --- Not Analyzed

 Sample Point Excavated

## **FIGURES**

---

Document Path: P:\2023 PROJECTS\DEVON\IRSC\236730 - Gaucho 30 CTB 1\7- Figures\GIS\Figure\_1\_SL\_DH.mxd



<b>SITE LOCATION MAP</b> <b>CLOSURE REPORT</b> GAUCHO 30 CTB 1 DEVON ENERGY PRODUCTION COMPANY LEA COUNTY, NEW MEXICO		
SCALE: As Shown	Date: 1/17/2023	PROJECT #: 236730

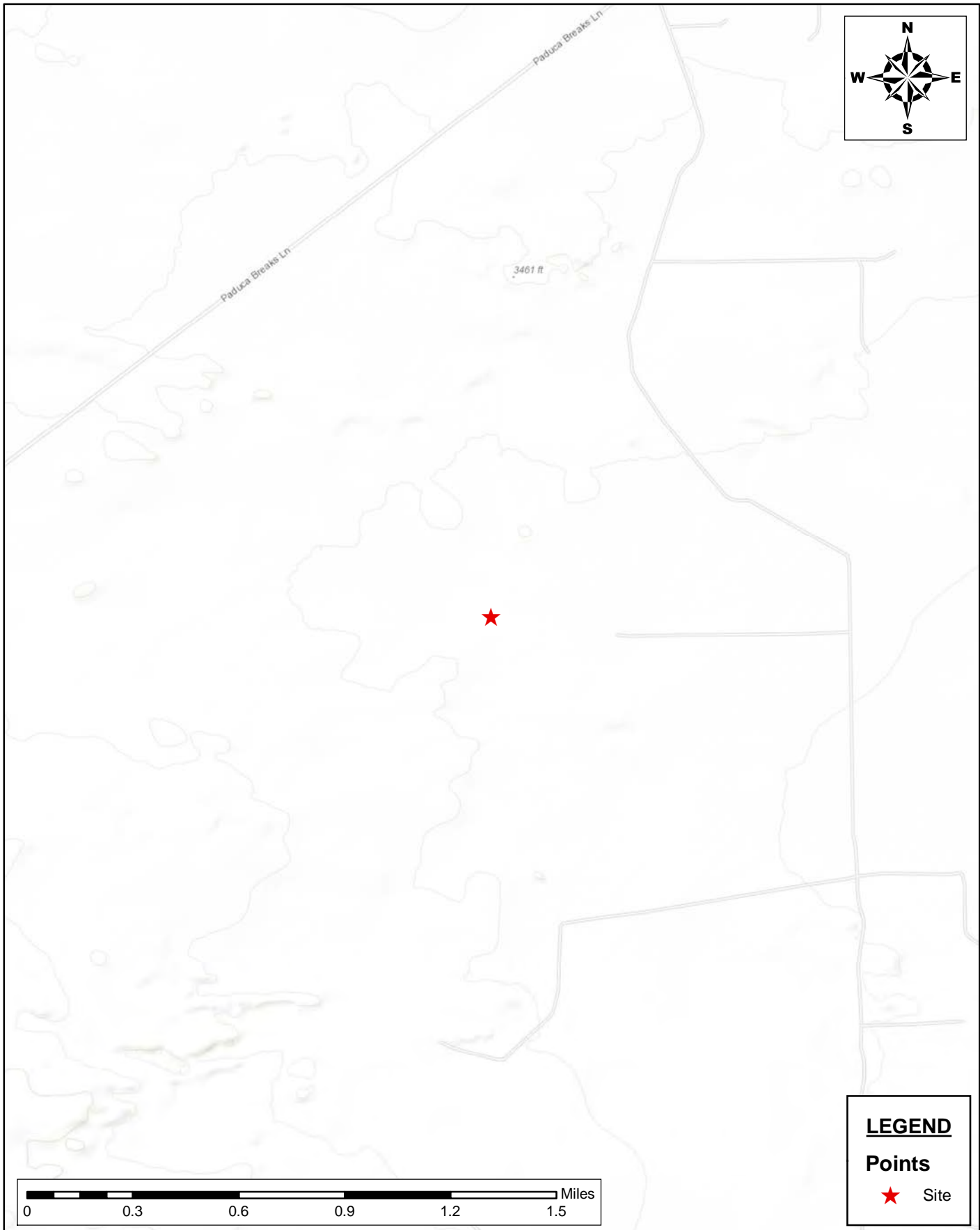

<b>New Tech Global Environmental, LLC</b> 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviromental.com

<b>NOTES:</b> 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
--

DRAWING NUMBER:
<b>FIGURE 1</b>
SHEET NUMBER:
<b>1 of 1</b>



Document Path: P:\2023 PROJECTS\DEVON\IRSO\236730 - Gaucho 30 CTB 1V- Figures\GIS\Figure\_2\_TM\_DH.mxd



**TOPOGRAPHIC MAP  
CLOSURE REPORT  
GAUCHO 30 CTB 1  
DEVON ENERGY PRODUCTION COMPANY  
LEA COUNTY, NEW MEXICO**

SCALE: As Shown    Date: 1/17/2023    PROJECT #: 236730



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

**NOTES:**

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

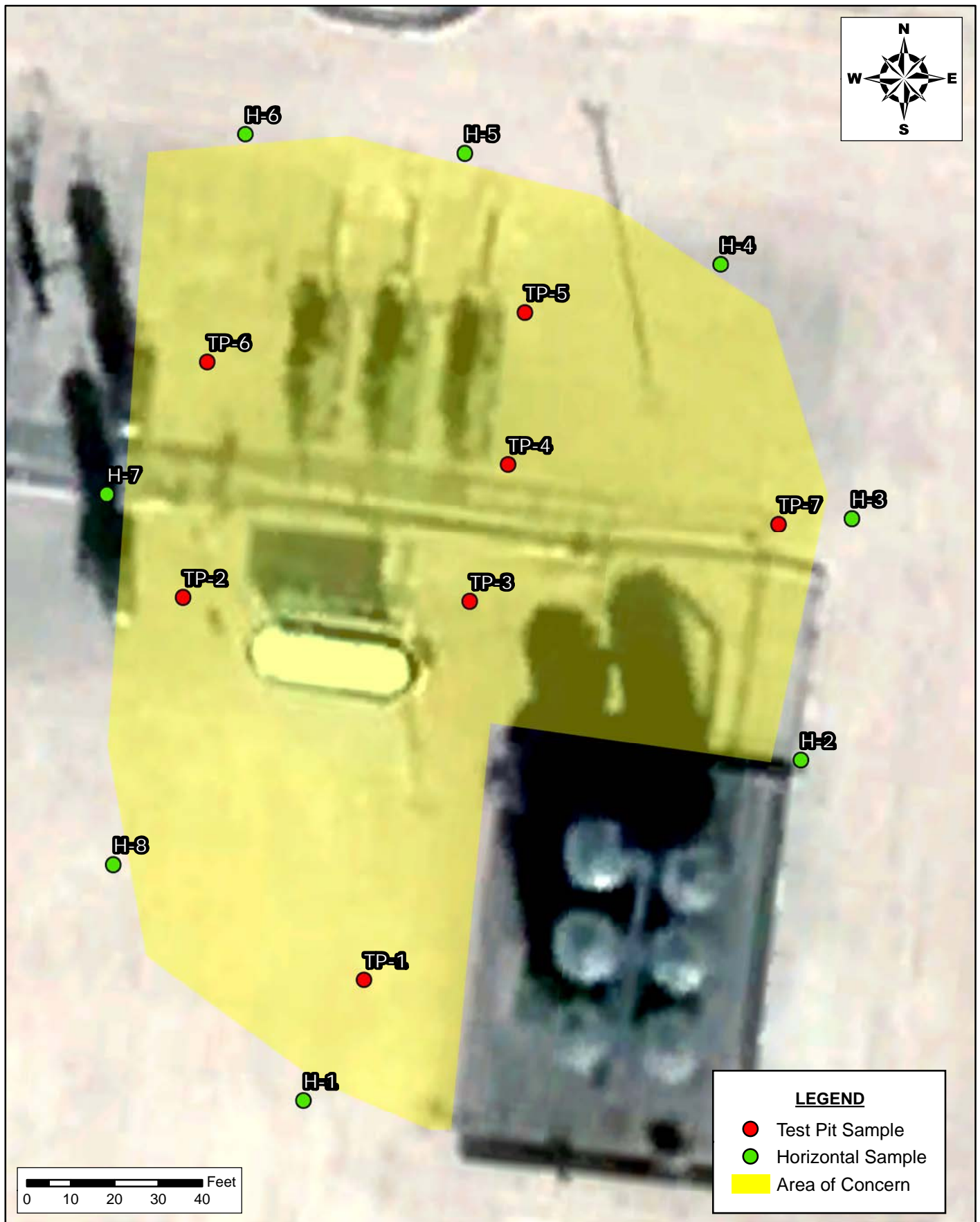
DRAWING NUMBER:

**FIGURE 2**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\236730 - Gauchito 30 CTB 1\7 - Figures\GIS\Figure\_3A.mxd



**INITIAL ASSESSMENT MAP  
CLOSURE REPORT  
GAUCHITO 30 CTB 1  
DEVON ENERGY PRODUCTION COMPANY  
LEA COUNTY, NEW MEXICO  
nAPP2112039086  
32.360550, -103.501847**

SCALE: AS SHOWN    DATE: 12/01/2023    PROJECT #: 236730



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

**NOTES:**

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

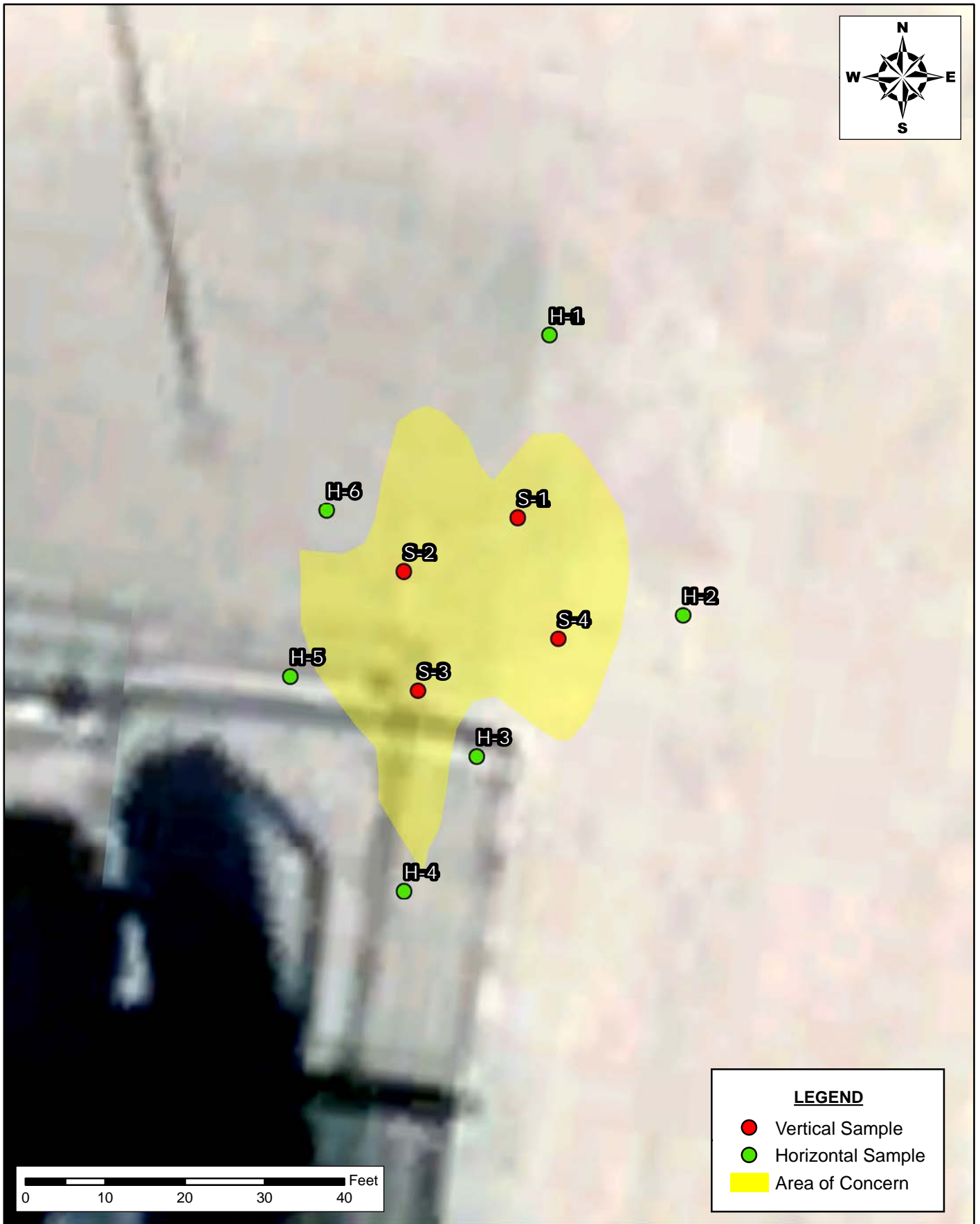
DRAWING NUMBER:

**FIGURE 3A**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\236730 - Gauchito 30 CTB 1\7 - Figures\GIS\Figure\_3B\_v2.mxd



INITIAL ASSESSMENT MAP  
CLOSURE REPORT  
GAUCHITO 30 CTB 1  
DEVON ENERGY PRODUCTION COMPANY  
LEA COUNTY, NEW MEXICO  
nAPP2316340275  
32.360526, -103.501873



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

NOTES:

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

DRAWING NUMBER:

**FIGURE 3B**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\236730 - Gauchito 30 CTB 1\7 - Figures\GIS\Figure\_3C.mxd



**INITIAL ASSESSMENT MAP  
CLOSURE REPORT  
GAUCHITO 30 CTB 1**  
DEVON ENERGY PRODUCTION COMPANY  
LEA COUNTY, NEW MEXICO  
nAPP2235047407  
32.360530, -103.501817

SCALE: AS SHOWN

DATE: 12/01/2023

PROJECT #: 236730



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

**NOTES:**

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

DRAWING NUMBER:

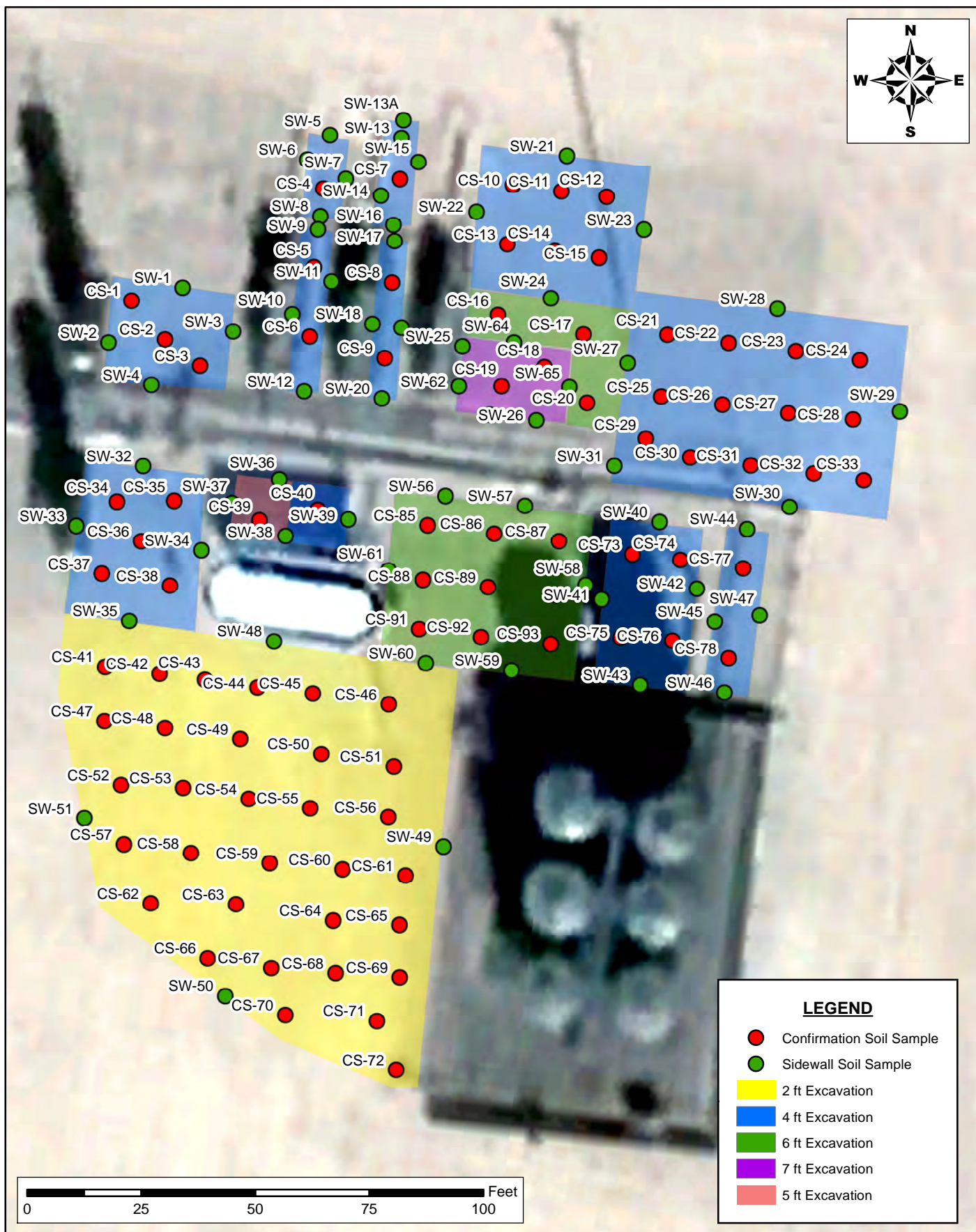
**FIGURE 3C**

SHEET NUMBER:

**1 of 1**



Document Path: C:\Users\ntg\Documents\2023 PROJECTS\DEVON\RSC\236730 - Gauchito 30 CTB 1\7 - Figures\GIS\Figure\_4A.mxd



**CONFIRMATION MAP  
CLOSURE REPORT  
GAUCHITO 30 CTB 1  
DEVON ENERGY PRODUCTION COMPANY  
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.ntgenviromental.com

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 4A**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 12/14/2023    PROJECT #: 23730

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\236730 - Gauchito 30 CTB 1\7 - Figures\GIS\Figure\_4B.mxd



**CONFIRMATION MAP  
CLOSURE REPORT  
GAUCHITO 30 CTB 1**  
DEVON ENERGY PRODUCTION COMPANY  
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.ntgenviroinmental.com

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 4B**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 12/01/2023    PROJECT #: 23730



Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\236730 - Gauchito 30 CTB 1\7 - Figures\GIS\Figure\_5.mxd



**DEFERRAL SAMPLING MAP  
CLOSURE REPORT  
GAUCHITO 30 CTB 1  
DEVON ENERGY PRODUCTION COMPANY  
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.ntgenviroinmental.com

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 5**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 12/14/2023    PROJECT #: 23730

## **PHOTOGRAPHIC LOG**

---



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 1**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 2**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 3**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

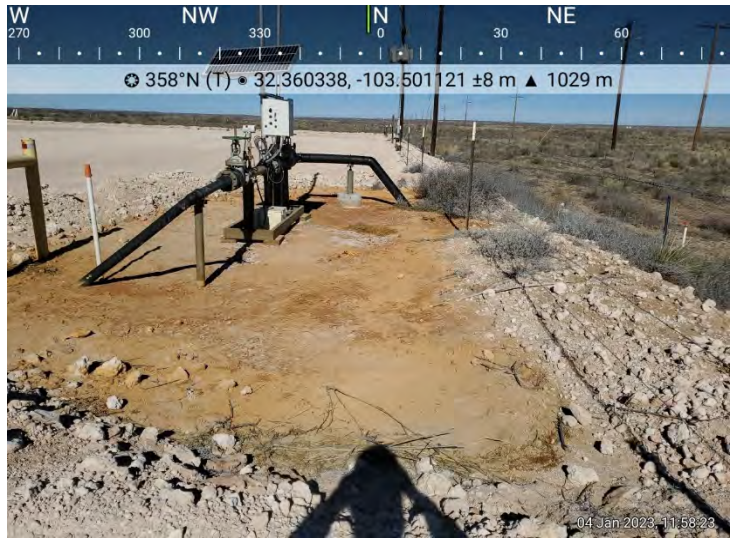
### Devon Energy Production Company

**Photograph No. 4**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 5**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

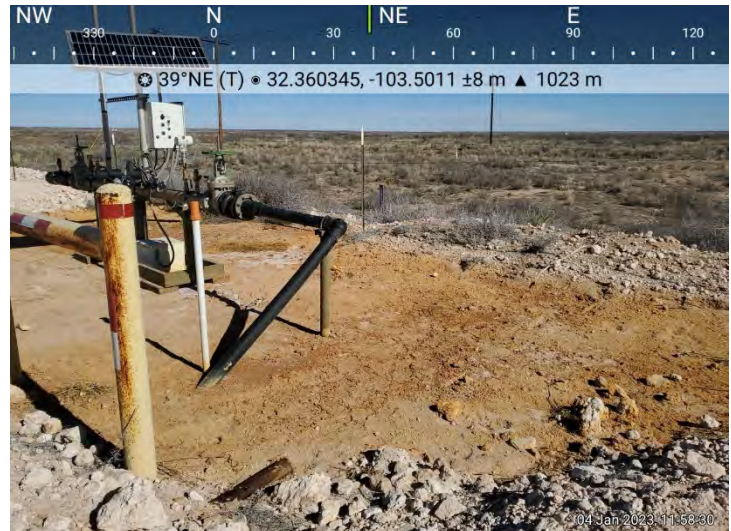
**Description:**  
Area of concern.

**Photograph No. 6**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

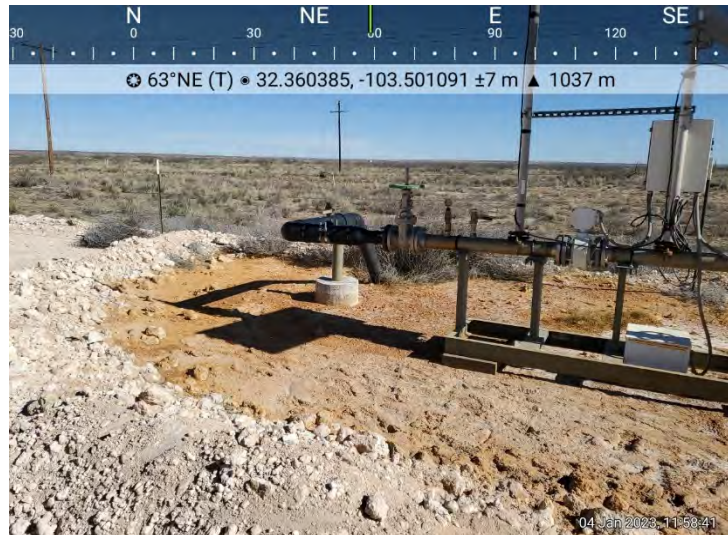
### Devon Energy Production Company

**Photograph No. 7**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 8**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

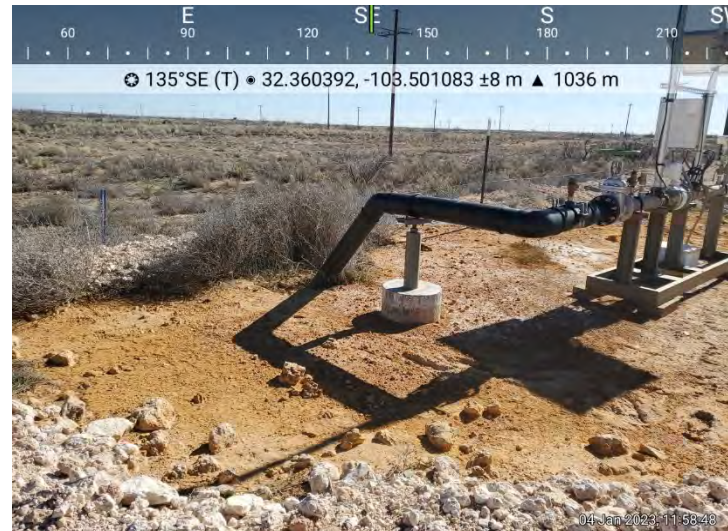
**Description:**  
Area of concern.

**Photograph No. 9**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

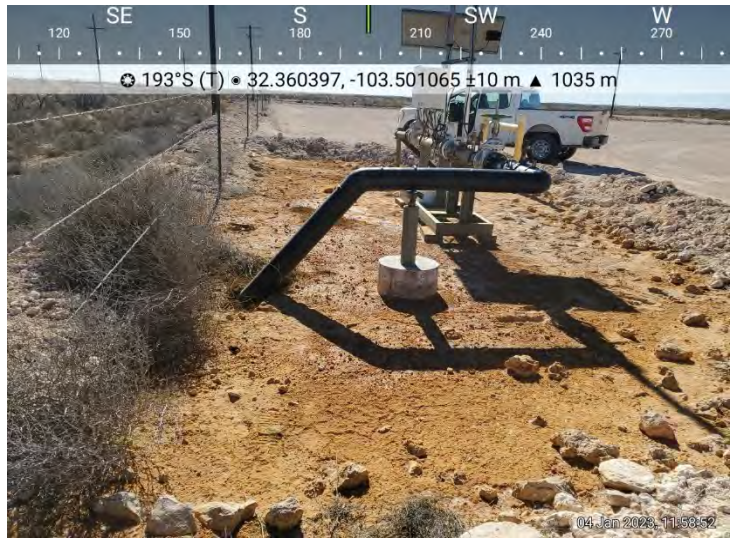
### Devon Energy Production Company

**Photograph No. 10**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 11**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 12**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 13**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 14**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

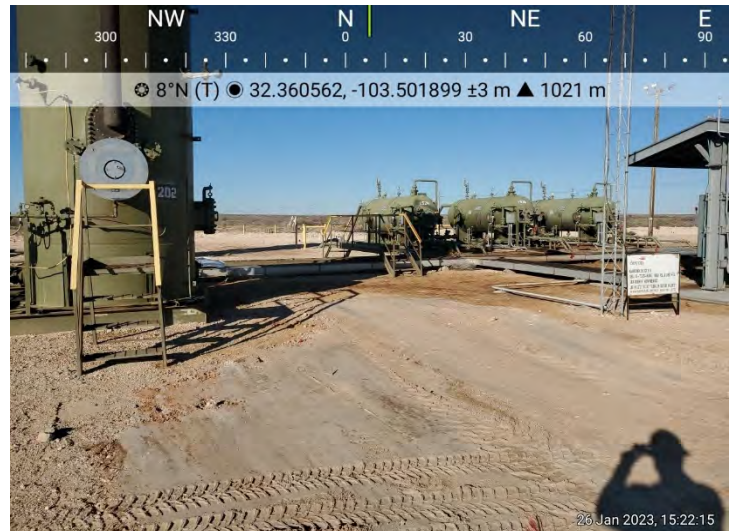
**Description:**  
Area of concern.

**Photograph No. 15**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





# PHOTOGRAPHIC LOG

## Devon Energy Production Company

**Photograph No. 16**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 17**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 18**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 19**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 20**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 21**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

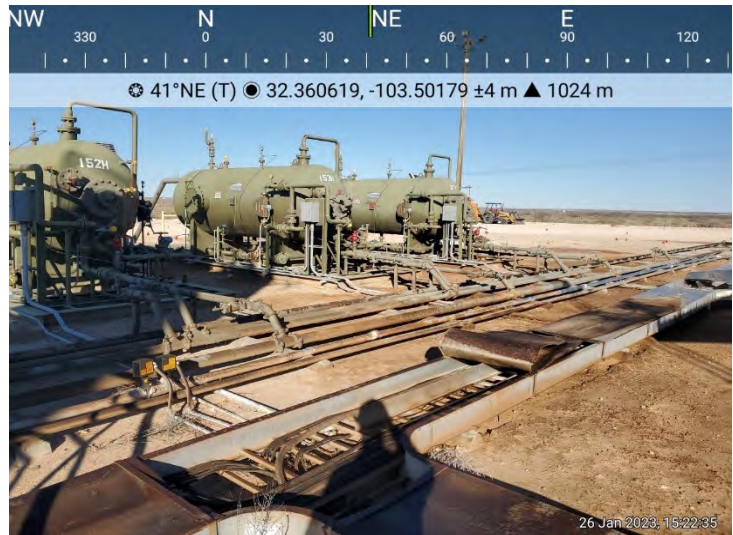
### Devon Energy Production Company

**Photograph No. 22**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 23**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

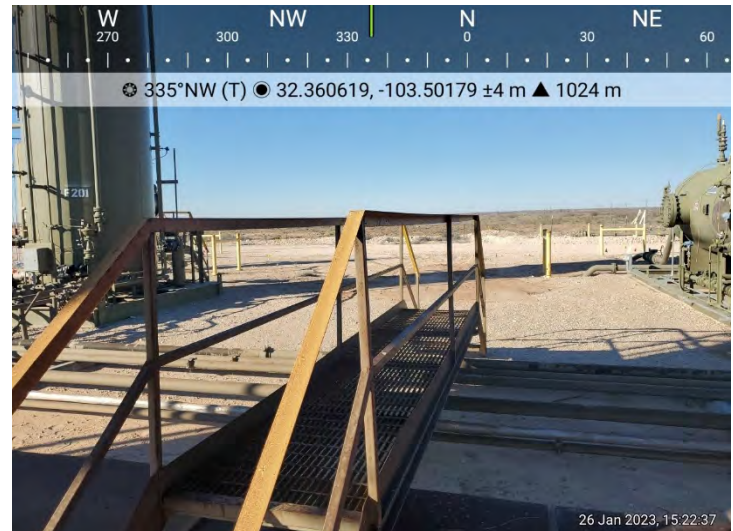
**Description:**  
Area of concern.

**Photograph No. 24**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 25**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 26**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 27**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.



## PHOTOGRAPHIC LOG

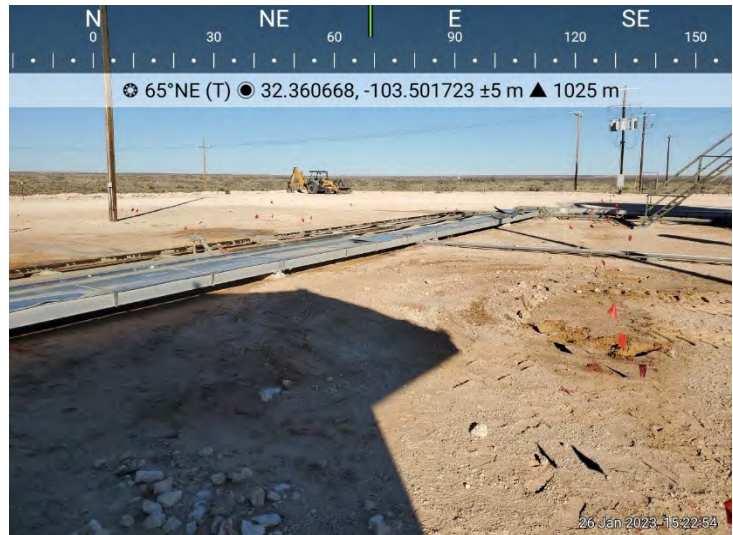
### Devon Energy Production Company

**Photograph No. 28**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 29**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 30**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 31**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 32**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

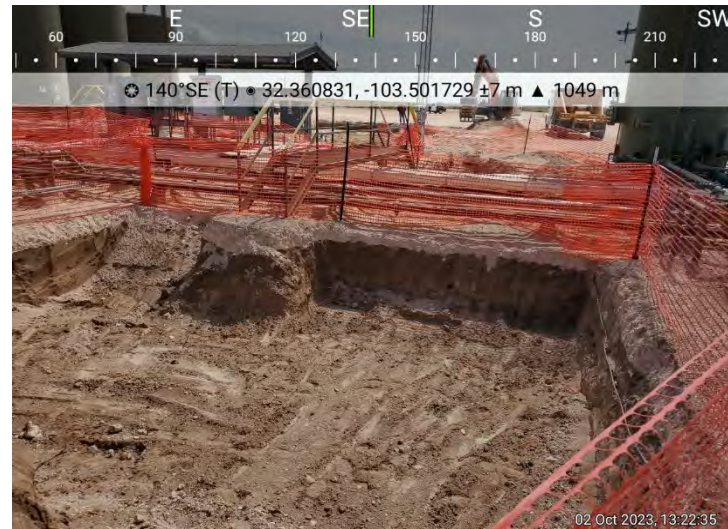
**Description:**  
Area of concern.

**Photograph No. 33**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 34**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

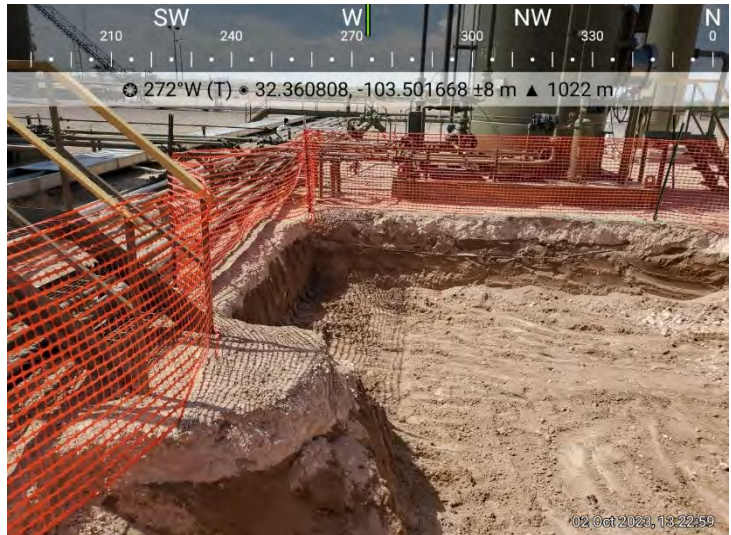
**Description:**  
Area of concern.

**Photograph No. 35**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 36**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 37**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

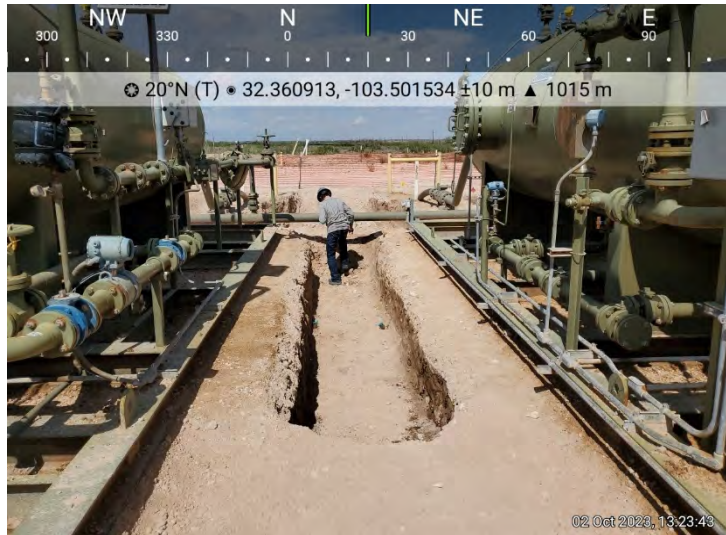
**Description:**  
Area of concern.

**Photograph No. 38**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 39**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

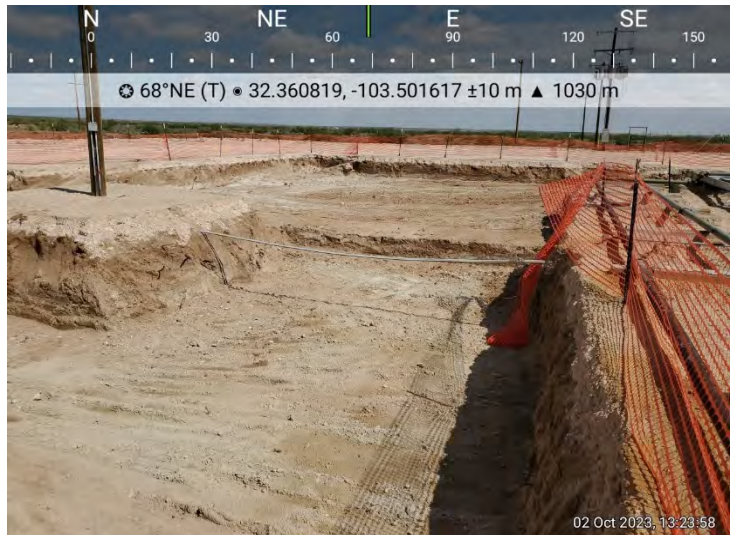
### Devon Energy Production Company

**Photograph No. 40**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

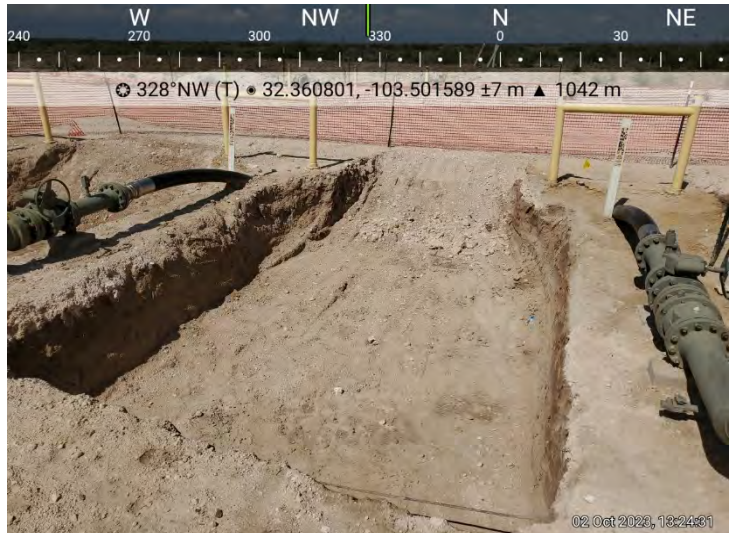
**Description:**  
Area of concern.

**Photograph No. 41**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 42**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

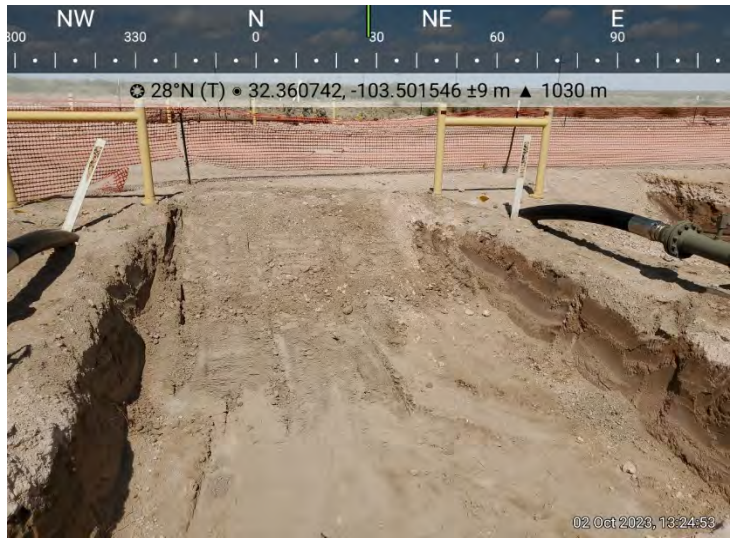
### Devon Energy Production Company

**Photograph No. 43**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 44**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

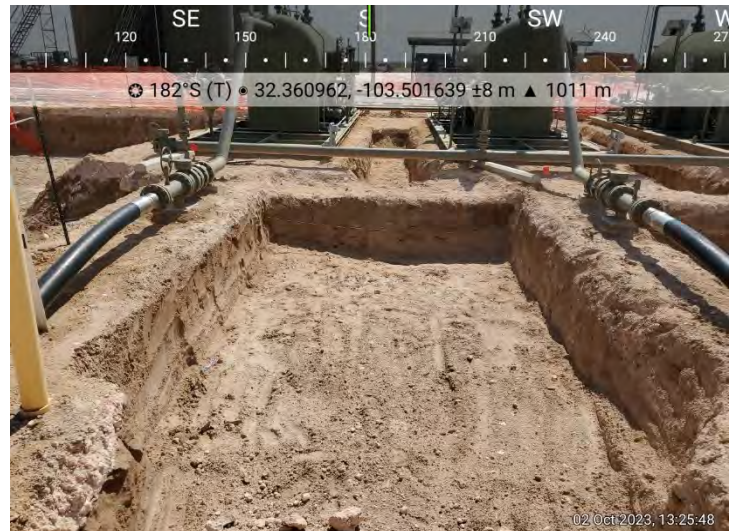
**Description:**  
Area of concern.

**Photograph No. 45**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 46**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

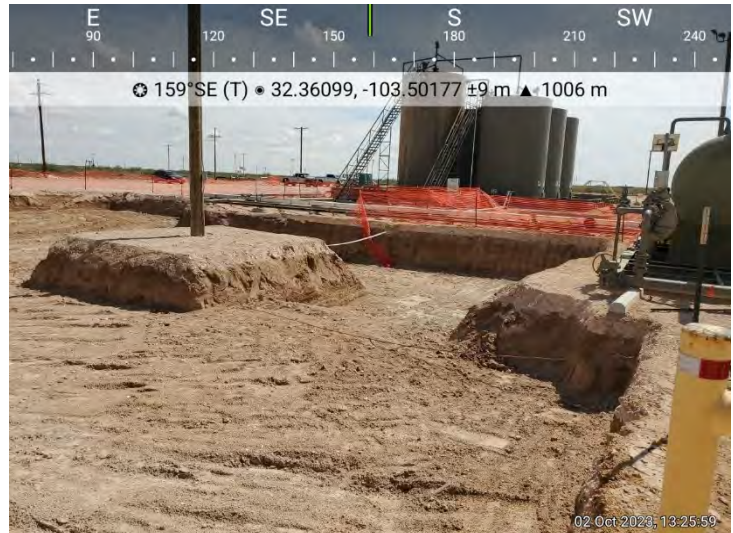
**Description:**  
Area of concern.

**Photograph No. 47**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 48**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

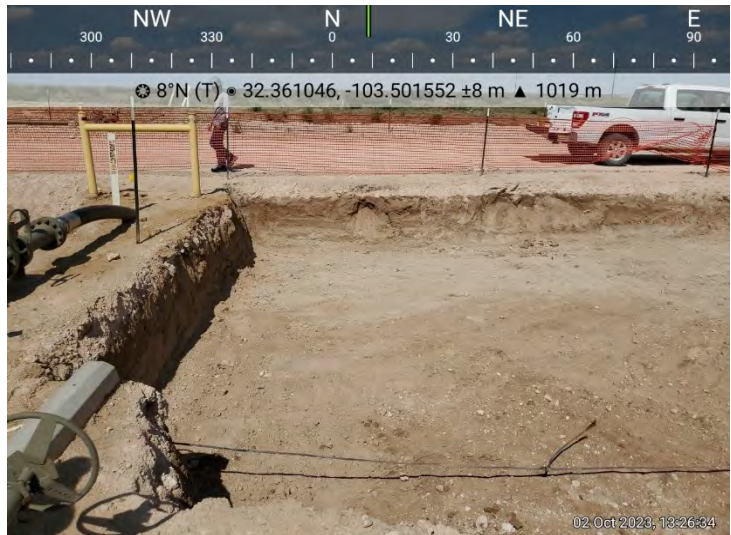
### Devon Energy Production Company

**Photograph No. 49**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 50**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 51**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 52**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 53**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 54**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 55**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 56**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 57**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 58**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 59**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 60**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 61**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

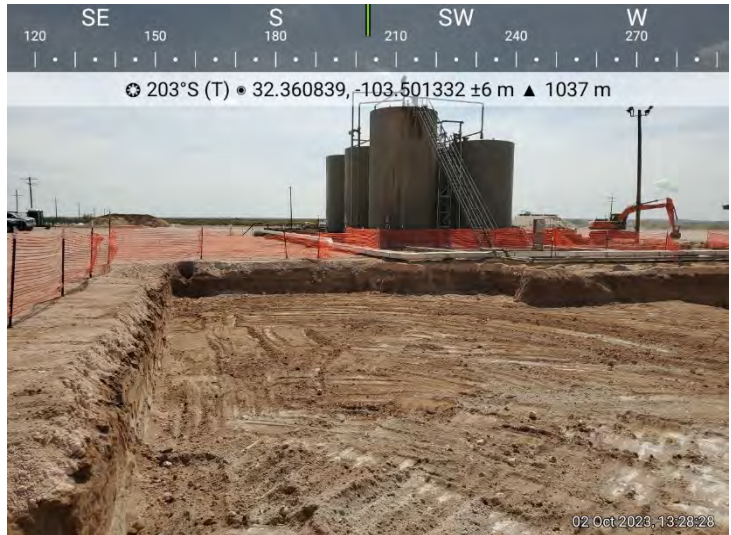
**Description:**  
Area of concern.

**Photograph No. 62**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 63**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

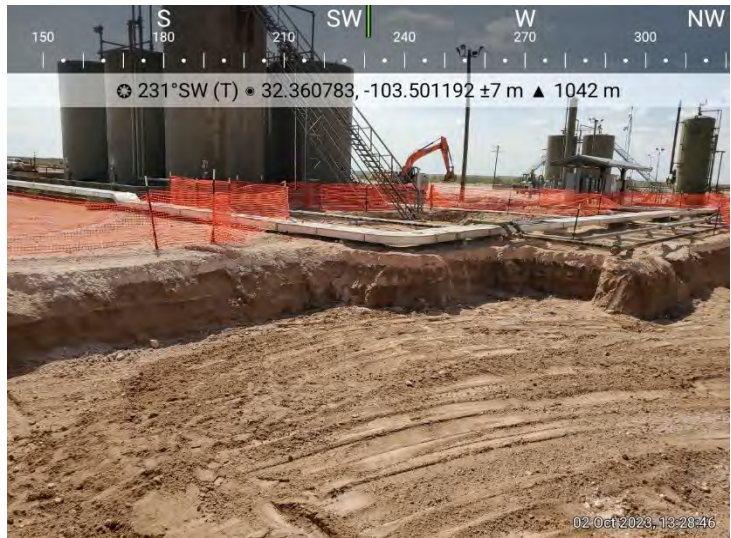
### Devon Energy Production Company

**Photograph No. 64**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 65**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 66**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 67**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 68**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 69**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





# PHOTOGRAPHIC LOG

## Devon Energy Production Company

**Photograph No. 70**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

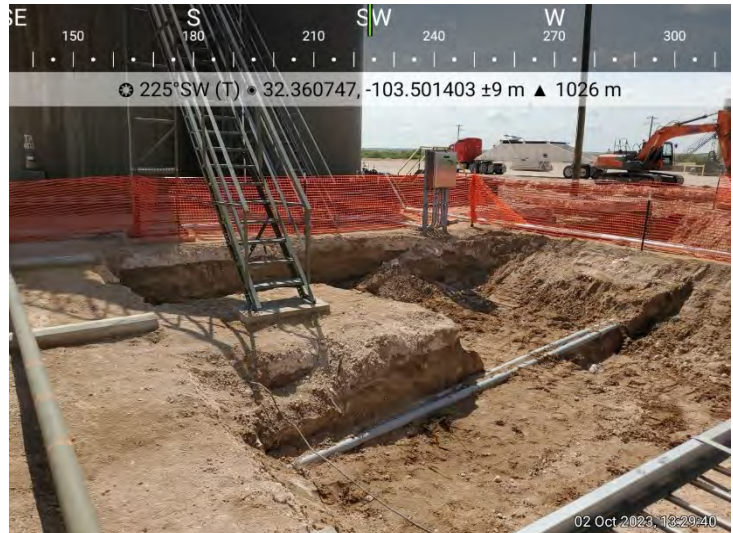
**Description:**  
Area of concern.

**Photograph No. 71**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 72**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 73**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 74**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 75**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

Devon Energy Production Company

**Photograph No. 76**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 77**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 78**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 79**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 80**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

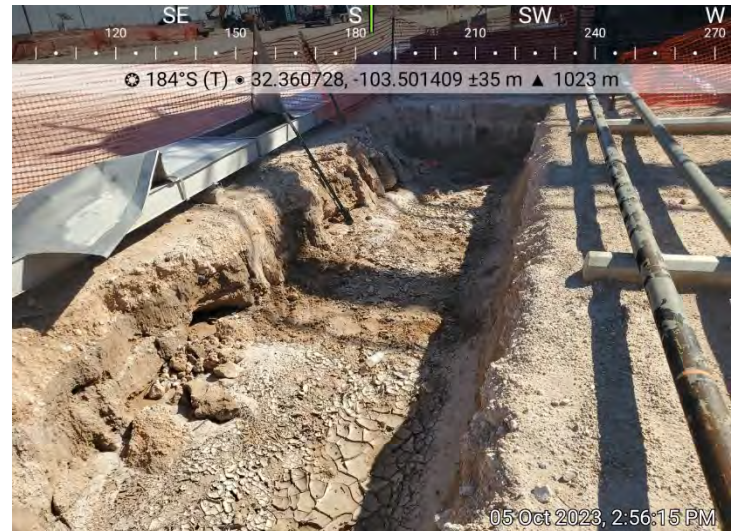
**Description:**  
Area of concern.

**Photograph No. 81**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

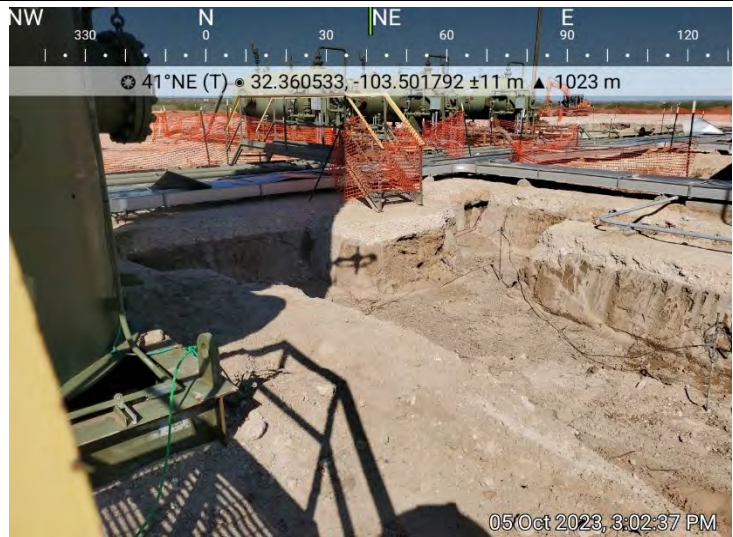
### Devon Energy Production Company

**Photograph No. 82**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 83**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 84**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 85**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 86**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 87**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 88**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 89**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 90**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 91**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 92**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 93**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 94**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 95**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 96**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 97**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 98**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 99**

**Facility:** Gaucho 30 CTB 1

**County:** Lea County, New Mexico

**Description:**  
Area of concern.





## **LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Ethan Sessums  
NT Global

701 Tradewinds Blvd  
Midland, Texas 79706

Generated 1/13/2023 1:30:10 PM

## JOB DESCRIPTION

Gaucha 30 CTB 1  
SDG NUMBER Lea County NM

## JOB NUMBER

890-3763-1

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad NM 88220

# Eurofins Carlsbad

## Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## Authorization



Generated  
1/13/2023 1:30:10 PM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)  
(432)704-5440



Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Laboratory Job ID: 890-3763-1  
SDG: Lea County NM

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	25
QC Sample Results . . . . .	27
QC Association Summary . . . . .	36
Lab Chronicle . . . . .	43
Certification Summary . . . . .	50
Method Summary . . . . .	51
Sample Summary . . . . .	52
Chain of Custody . . . . .	53
Receipt Checklists . . . . .	56

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14

Definitions/Glossary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

**Job ID: 890-3763-1**

**Laboratory: Eurofins Carlsbad**

**Narrative**

**Job Narrative  
890-3763-1**

**Receipt**

The samples were received on 1/5/2023 8:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C

**Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1) (890-3763-1), S-1 (1-1.5) (890-3763-2), S-1 (2-2.5) (890-3763-3), S-1 (3-3.5) (890-3763-4), S-1 (4-4.5) (890-3763-5), S-2 (0-1) (890-3763-6), S-2 (1-1.5) (890-3763-7), S-2 (2-2.5) (890-3763-8), S-2 (3-3.5) (890-3763-9), S-2 (4-4.5) (890-3763-10), S-3 (0-1) (890-3763-11), S-3 (1-1.5) (890-3763-12), S-3 (2-2.5) (890-3763-13), S-3 (3-3.5) (890-3763-14), S-3 (4-4.5) (890-3763-15), H-1 (890-3763-16), H-2 (890-3763-17), H-3 (890-3763-18), H-4 (890-3763-19), H-5 (890-3763-20), H-6 (890-3763-21), H-7 (890-3763-22) and H-8 (890-3763-23).

**GC VOA**

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43280 and analytical batch 880-43326 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The following samples were diluted because the initial analysis produced a significant negative result - the absolute value exceeded the reporting limit (RL): S-1 (0-1) (890-3763-1) and S-2 (0-1) (890-3763-6). Reporting limits (RLs) are elevated as a result.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**GC Semi VOA**

Method 8015MOD\_NM: The matrix spike (MS) recoveries for preparation batch 880-43383 and analytical batch 880-43449 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD\_NM: The surrogate recovery for the blank associated with preparation batch 880-43418 and analytical batch 880-43458 was outside the upper control limits.

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (890-3763-A-1-F MS) and (890-3763-A-1-G MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**HPLC/IC**

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43363 and analytical batch 880-43615 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43411 and analytical batch 880-43621 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300\_ORGFM\_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 880-43411 and analytical batch 880-43621 were ran straight. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 300\_ORGFM\_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43411 and analytical batch 880-43621 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.



Case Narrative

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Job ID: 890-3763-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

1
2
3
4
5
6
7
8
9
10
11
12
13
14

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-1 (0-1)

Lab Sample ID: 890-3763-1

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Toluene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Ethylbenzene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
m-Xylene & p-Xylene	<0.0802	U	0.0802		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
o-Xylene	<0.0401	U	0.0401		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Xylenes, Total	<0.0802	U	0.0802		mg/Kg		01/05/23 14:21	01/07/23 02:59	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/05/23 14:21	01/07/23 02:59	20
1,4-Difluorobenzene (Surr)	90		70 - 130				01/05/23 14:21	01/07/23 02:59	20

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0802	U	0.0802		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 11:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				01/06/23 15:06	01/08/23 11:35	1
o-Terphenyl	94		70 - 130				01/06/23 15:06	01/08/23 11:35	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13700		100		mg/Kg			01/12/23 21:26	20

Client Sample ID: S-1 (1-1.5)

Lab Sample ID: 890-3763-2

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00445	F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Toluene	0.00396	F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				01/05/23 14:21	01/07/23 00:16	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/05/23 14:21	01/07/23 00:16	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-1 (1-1.5)

Lab Sample ID: 890-3763-2

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00841		0.00399		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/06/23 15:06	01/08/23 12:40	1
o-Terphenyl	110		70 - 130				01/06/23 15:06	01/08/23 12:40	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10600		49.6		mg/Kg			01/12/23 21:32	10

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-3763-3

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00337		0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Toluene	0.00315		0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 00:36	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/05/23 14:21	01/07/23 00:36	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00652		0.00398		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:02	1

Eurofins Carlsbad



## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-3763-3

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/06/23 15:06	01/08/23 13:02	1
o-Terphenyl	95		70 - 130				01/06/23 15:06	01/08/23 13:02	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7430		49.6		mg/Kg			01/12/23 21:38	10

Client Sample ID: S-1 (3-3.5)

Lab Sample ID: 890-3763-4

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00530		0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Toluene	0.00706		0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 00:57	1
1,4-Difluorobenzene (Surr)	96		70 - 130				01/05/23 14:21	01/07/23 00:57	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0124		0.00399		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 13:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 13:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/06/23 15:06	01/08/23 13:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/06/23 15:06	01/08/23 13:23	1
o-Terphenyl	92		70 - 130				01/06/23 15:06	01/08/23 13:23	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4940		24.8		mg/Kg			01/12/23 21:44	5

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-1 (4-4.5)

Lab Sample ID: 890-3763-5

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00413		0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Toluene	0.00465		0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				01/05/23 14:21	01/07/23 01:17	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/05/23 14:21	01/07/23 01:17	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00878		0.00402		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/06/23 15:06	01/08/23 13:43	1
o-Terphenyl	94		70 - 130				01/06/23 15:06	01/08/23 13:43	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5110		25.3		mg/Kg			01/12/23 22:03	5

Client Sample ID: S-2 (0-1)

Lab Sample ID: 890-3763-6

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Toluene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Ethylbenzene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
m-Xylene & p-Xylene	<0.0803	U	0.0803		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
o-Xylene	<0.0402	U	0.0402		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Xylenes, Total	<0.0803	U	0.0803		mg/Kg		01/05/23 14:21	01/07/23 03:20	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				01/05/23 14:21	01/07/23 03:20	20
1,4-Difluorobenzene (Surr)	82		70 - 130				01/05/23 14:21	01/07/23 03:20	20

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-2 (0-1)

Lab Sample ID: 890-3763-6

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0803	U	0.0803		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				01/06/23 15:06	01/08/23 14:04	1
o-Terphenyl	98		70 - 130				01/06/23 15:06	01/08/23 14:04	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18600		101		mg/Kg			01/12/23 22:09	20

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3763-7

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00334		0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 01:37	1
1,4-Difluorobenzene (Surr)	107		70 - 130				01/05/23 14:21	01/07/23 01:37	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:26	1

Eurofins Carlsbad



## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-3763-7

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/06/23 15:06	01/08/23 14:26	1
o-Terphenyl	92		70 - 130				01/06/23 15:06	01/08/23 14:26	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14600		100		mg/Kg			01/12/23 22:27	20

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-3763-8

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
o-Xylene	0.00219		0.00199		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				01/05/23 14:21	01/07/23 01:58	1
1,4-Difluorobenzene (Surr)	114		70 - 130				01/05/23 14:21	01/07/23 01:58	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				01/06/23 15:06	01/08/23 14:47	1
o-Terphenyl	102		70 - 130				01/06/23 15:06	01/08/23 14:47	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9770		50.1		mg/Kg			01/12/23 22:33	10

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-3763-9

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/05/23 14:21	01/07/23 02:18	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 02:18	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 15:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				01/06/23 15:06	01/08/23 15:08	1
o-Terphenyl	93		70 - 130				01/06/23 15:06	01/08/23 15:08	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9290		50.2		mg/Kg			01/12/23 22:40	10

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-3763-10

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/05/23 14:21	01/07/23 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/05/23 14:21	01/07/23 02:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130				01/05/23 14:21	01/07/23 02:39	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-3763-10

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				01/06/23 15:06	01/08/23 15:29	1
o-Terphenyl	92		70 - 130				01/06/23 15:06	01/08/23 15:29	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10900		49.8		mg/Kg			01/12/23 11:49	10

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-3763-11

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
m-Xylene & p-Xylene	0.00478		0.00400		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
o-Xylene	0.00303		0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Xylenes, Total	0.00781		0.00400		mg/Kg		01/05/23 14:21	01/07/23 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 05:09	1
1,4-Difluorobenzene (Surr)	108		70 - 130				01/05/23 14:21	01/07/23 05:09	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00781		0.00400		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:12	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-3 (0-1)

Lab Sample ID: 890-3763-11

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				01/06/23 15:06	01/08/23 16:12	1
o-Terphenyl	98		70 - 130				01/06/23 15:06	01/08/23 16:12	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8430		50.0		mg/Kg			01/12/23 12:07	10

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-3763-12

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/05/23 14:21	01/07/23 05:30	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/05/23 14:21	01/07/23 05:30	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				01/06/23 15:06	01/08/23 16:33	1
o-Terphenyl	102		70 - 130				01/06/23 15:06	01/08/23 16:33	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5660		49.5		mg/Kg			01/12/23 12:14	10

Eurofins Carlsbad



## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-3763-13

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 05:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				01/05/23 14:21	01/07/23 05:50	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 05:50	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				01/06/23 15:06	01/08/23 16:54	1
o-Terphenyl	103		70 - 130				01/06/23 15:06	01/08/23 16:54	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4890		25.1		mg/Kg			01/12/23 12:20	5

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-3763-14

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/05/23 14:21	01/07/23 06:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				01/05/23 14:21	01/07/23 06:11	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 06:11	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-3763-14

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				01/06/23 15:06	01/08/23 17:16	1
o-Terphenyl	107		70 - 130				01/06/23 15:06	01/08/23 17:16	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4410		24.8		mg/Kg			01/12/23 10:35	5

Client Sample ID: S-3 (4-4.5)

Lab Sample ID: 890-3763-15

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00250		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Toluene	0.00236		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				01/05/23 14:21	01/07/23 06:31	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/05/23 14:21	01/07/23 06:31	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00486		0.00402		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:37	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-3 (4-4.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-15  
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 17:37	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	97		70 - 130				01/06/23 15:06	01/08/23 17:37	1	
o-Terphenyl	109		70 - 130				01/06/23 15:06	01/08/23 17:37	1	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	5550		24.8		mg/Kg			01/12/23 10:54	5	

Client Sample ID: H-1  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-16  
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	0.00242		0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1	
Toluene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:52	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/05/23 14:21	01/07/23 06:52	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/05/23 14:21	01/07/23 06:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	125		70 - 130				01/05/23 14:21	01/07/23 06:52	1	
1,4-Difluorobenzene (Surr)	97		70 - 130				01/05/23 14:21	01/07/23 06:52	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/09/23 11:51	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 17:58	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	93		70 - 130				01/06/23 15:06	01/08/23 17:58	1	
o-Terphenyl	105		70 - 130				01/06/23 15:06	01/08/23 17:58	1	

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	103		5.01		mg/Kg			01/12/23 11:00	1	

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-2

Lab Sample ID: 890-3763-17

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/05/23 14:21	01/07/23 07:12	1
1,4-Difluorobenzene (Surr)	111		70 - 130	01/05/23 14:21	01/07/23 07:12	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 18:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	01/06/23 15:06	01/08/23 18:20	1
o-Terphenyl	106		70 - 130	01/06/23 15:06	01/08/23 18:20	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	412		5.04		mg/Kg			01/12/23 11:06	1

Client Sample ID: H-3

Lab Sample ID: 890-3763-18

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 07:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/05/23 14:21	01/07/23 07:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/05/23 14:21	01/07/23 07:32	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/05/23 14:21	01/07/23 07:32	1

Eurofins Carlsbad



## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-3

Lab Sample ID: 890-3763-18

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				01/06/23 15:06	01/08/23 18:41	1
o-Terphenyl	91		70 - 130				01/06/23 15:06	01/08/23 18:41	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	499		4.99		mg/Kg			01/12/23 11:12	1

Client Sample ID: H-4

Lab Sample ID: 890-3763-19

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/05/23 14:21	01/07/23 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 07:53	1
1,4-Difluorobenzene (Surr)	109		70 - 130				01/05/23 14:21	01/07/23 07:53	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:02	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Client Sample ID: H-4

Lab Sample ID: 890-3763-19

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				01/06/23 15:06	01/08/23 19:02	1
o-Terphenyl	89		70 - 130				01/06/23 15:06	01/08/23 19:02	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	488		5.03		mg/Kg			01/12/23 11:18	1

## Client Sample ID: H-5

Lab Sample ID: 890-3763-20

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 08:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 08:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 08:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		01/05/23 14:21	01/07/23 08:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/05/23 14:21	01/07/23 08:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/05/23 14:21	01/07/23 08:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/05/23 14:21	01/07/23 08:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				01/05/23 14:21	01/07/23 08:13	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			01/09/23 11:51	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 17:57	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 15:06	01/08/23 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				01/06/23 15:06	01/08/23 19:24	1
o-Terphenyl	87		70 - 130				01/06/23 15:06	01/08/23 19:24	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		4.98		mg/Kg			01/10/23 17:43	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-6

Lab Sample ID: 890-3763-21

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/11/23 09:16	01/11/23 14:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/11/23 09:16	01/11/23 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/11/23 09:16	01/11/23 14:36	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/11/23 09:16	01/11/23 14:36	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			01/11/23 17:03	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 09:38	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		01/06/23 13:02	01/07/23 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	01/06/23 13:02	01/07/23 21:32	1
o-Terphenyl	81		70 - 130	01/06/23 13:02	01/07/23 21:32	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		4.97		mg/Kg			01/10/23 17:48	1

Client Sample ID: H-7

Lab Sample ID: 890-3763-22

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 14:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/11/23 09:16	01/11/23 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	01/11/23 09:16	01/11/23 14:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/11/23 09:16	01/11/23 14:56	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-7

Lab Sample ID: 890-3763-22

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/11/23 17:03	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/23 09:38	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/06/23 13:02	01/07/23 22:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/06/23 13:02	01/07/23 22:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/06/23 13:02	01/07/23 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130				01/06/23 13:02	01/07/23 22:35	1
o-Terphenyl	81		70 - 130				01/06/23 13:02	01/07/23 22:35	1

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	888		5.02		mg/Kg			01/10/23 17:53	1

Client Sample ID: H-8

Lab Sample ID: 890-3763-23

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

## Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/11/23 09:16	01/11/23 15:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/11/23 09:16	01/11/23 15:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/11/23 09:16	01/11/23 15:17	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/11/23 17:03	1

## Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/23 09:38	1

## Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 22:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 22:56	1

Eurofins Carlsbad



Client Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-8  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-23  
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/06/23 13:02	01/07/23 22:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				01/06/23 13:02	01/07/23 22:56	1
o-Terphenyl	78		70 - 130				01/06/23 13:02	01/07/23 22:56	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1250		5.01		mg/Kg			01/10/23 17:58	1

Surrogate Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)  
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	BFB1	DFBZ1						
		(70-130)	(70-130)						
880-23426-A-20-H MS	Matrix Spike	104	104						
880-23426-A-20-I MSD	Matrix Spike Duplicate	103	107						
890-3763-1	S-1 (0-1)	88	90						
890-3763-2	S-1 (1-1.5)	101	106						
890-3763-2 MS	S-1 (1-1.5)	108	100						
890-3763-2 MSD	S-1 (1-1.5)	126	101						
890-3763-3	S-1 (2-2.5)	108	106						
890-3763-4	S-1 (3-3.5)	108	96						
890-3763-5	S-1 (4-4.5)	107	105						
890-3763-6	S-2 (0-1)	90	82						
890-3763-7	S-2 (1-1.5)	109	107						
890-3763-8	S-2 (2-2.5)	97	114						
890-3763-9	S-2 (3-3.5)	111	108						
890-3763-10	S-2 (4-4.5)	117	93						
890-3763-11	S-3 (0-1)	108	108						
890-3763-12	S-3 (1-1.5)	112	110						
890-3763-13	S-3 (2-2.5)	105	109						
890-3763-14	S-3 (3-3.5)	110	109						
890-3763-15	S-3 (4-4.5)	114	104						
890-3763-16	H-1	125	97						
890-3763-17	H-2	113	111						
890-3763-18	H-3	109	108						
890-3763-19	H-4	109	109						
890-3763-20	H-5	111	110						
890-3763-21	H-6	112	108						
890-3763-22	H-7	111	109						
890-3763-23	H-8	111	106						
LCS 880-43280/1-A	Lab Control Sample	97	104						
LCS 880-43707/1-A	Lab Control Sample	104	107						
LCSD 880-43280/2-A	Lab Control Sample Dup	99	107						
LCSD 880-43707/2-A	Lab Control Sample Dup	105	106						
MB 880-43171/5-A	Method Blank	99	105						
MB 880-43280/5-A	Method Blank	99	102						
MB 880-43707/5-A	Method Blank	101	100						
Surrogate Legend									
BFB = 4-Bromofluorobenzene (Surr)									
DFBZ = 1,4-Difluorobenzene (Surr)									

Method: 8015B NM - Diesel Range Organics (DRO) (GC)  
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
890-3763-1	S-1 (0-1)	83	94				
890-3763-1 MS	S-1 (0-1)	63 S1-	61 S1-				
890-3763-1 MSD	S-1 (0-1)	60 S1-	60 S1-				
890-3763-2	S-1 (1-1.5)	99	110				
890-3763-3	S-1 (2-2.5)	84	95				

Eurofins Carlsbad

## Surrogate Summary

Client: NT Global

Job ID: 890-3763-1

Project/Site: Gaucho 30 CTB 1

SDG: Lea County NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3763-4	S-1 (3-3.5)	82	92
890-3763-5	S-1 (4-4.5)	82	94
890-3763-6	S-2 (0-1)	88	98
890-3763-7	S-2 (1-1.5)	81	92
890-3763-8	S-2 (2-2.5)	94	102
890-3763-9	S-2 (3-3.5)	84	93
890-3763-10	S-2 (4-4.5)	82	92
890-3763-11	S-3 (0-1)	89	98
890-3763-12	S-3 (1-1.5)	93	102
890-3763-13	S-3 (2-2.5)	92	103
890-3763-14	S-3 (3-3.5)	97	107
890-3763-15	S-3 (4-4.5)	97	109
890-3763-16	H-1	93	105
890-3763-17	H-2	96	106
890-3763-18	H-3	81	91
890-3763-19	H-4	79	89
890-3763-20	H-5	80	87
890-3763-21	H-6	81	81
890-3763-21 MS	H-6	84	73
890-3763-21 MSD	H-6	93	82
890-3763-22	H-7	77	81
890-3763-23	H-8	76	78
LCS 880-43383/2-A	Lab Control Sample	116	103
LCS 880-43418/2-A	Lab Control Sample	107	109
LCSD 880-43383/3-A	Lab Control Sample Dup	112	102
LCSD 880-43418/3-A	Lab Control Sample Dup	94	94
MB 880-43383/1-A	Method Blank	112	111
MB 880-43418/1-A	Method Blank	124	132 S1+

## Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43171/5-A

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43171

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/04/23 14:24	01/06/23 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/04/23 14:24	01/06/23 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/04/23 14:24	01/06/23 11:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130	01/04/23 14:24	01/06/23 11:51	1

Lab Sample ID: MB 880-43280/5-A

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43280

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/05/23 14:21	01/06/23 23:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/05/23 14:21	01/06/23 23:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	01/05/23 14:21	01/06/23 23:47	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/05/23 14:21	01/06/23 23:47	1

Lab Sample ID: LCS 880-43280/1-A

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09378		mg/Kg		94	70 - 130
Toluene	0.100	0.08950		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08749		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1809		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08714		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-43280/2-A

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09792		mg/Kg		98	70 - 130	4	35

Eurofins Carlsbad



## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-43280/2-A

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Toluene	0.100	0.09327		mg/Kg		93	70 - 130	4		35
Ethylbenzene	0.100	0.09107		mg/Kg		91	70 - 130	4		35
m-Xylene & p-Xylene	0.200	0.1879		mg/Kg		94	70 - 130	4		35
o-Xylene	0.100	0.09099		mg/Kg		91	70 - 130	4		35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-3763-2 MS

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: S-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 43280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	0.00445	F1	0.0998	0.05118	F1	mg/Kg		47	70 - 130			
Toluene	0.00396	F1	0.0998	0.05550	F1	mg/Kg		52	70 - 130			
Ethylbenzene	<0.00200	U F1	0.0998	0.05389	F1	mg/Kg		54	70 - 130			
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1158	F1	mg/Kg		57	70 - 130			
o-Xylene	<0.00200	U F1	0.0998	0.05850	F1	mg/Kg		58	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-3763-2 MSD

Matrix: Solid

Analysis Batch: 43326

Client Sample ID: S-1 (1-1.5)

Prep Type: Total/NA

Prep Batch: 43280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	0.00445	F1	0.0990	0.03923	F1	mg/Kg		35	70 - 130	26		35
Toluene	0.00396	F1	0.0990	0.04474	F1	mg/Kg		41	70 - 130	21		35
Ethylbenzene	<0.00200	U F1	0.0990	0.04964	F1	mg/Kg		50	70 - 130	8		35
m-Xylene & p-Xylene	<0.00399	U F1	0.198	0.09509	F1	mg/Kg		47	70 - 130	20		35
o-Xylene	<0.00200	U F1	0.0990	0.04936	F1	mg/Kg		49	70 - 130	17		35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-43707/5-A

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43707

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 12:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 12:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 12:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/11/23 09:16	01/11/23 12:25	1

Eurofins Carlsbad

## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-43707/5-A

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43707

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/11/23 09:16	01/11/23 12:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/11/23 09:16	01/11/23 12:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130	01/11/23 09:16	01/11/23 12:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/11/23 09:16	01/11/23 12:25	1

Lab Sample ID: LCS 880-43707/1-A

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43707

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1127		mg/Kg		113	70 - 130
Toluene	0.100	0.1039		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1014		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2081		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09950		mg/Kg		99	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-43707/2-A

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43707

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1150		mg/Kg		115	70 - 130	2	35
Toluene	0.100	0.1072		mg/Kg		107	70 - 130	3	35
Ethylbenzene	0.100	0.1034		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2130		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1012		mg/Kg		101	70 - 130	2	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-23426-A-20-H MS

Matrix: Solid

Analysis Batch: 43709

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43707

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00201	U	0.101	0.1121		mg/Kg		111	70 - 130
Toluene	<0.00201	U	0.101	0.1048		mg/Kg		104	70 - 130
Ethylbenzene	<0.00201	U	0.101	0.1013		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.2082		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U	0.101	0.09904		mg/Kg		98	70 - 130

Eurofins Carlsbad

## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-23426-A-20-H MS  
Matrix: Solid  
Analysis Batch: 43709

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 43707

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-23426-A-20-I MSD  
Matrix: Solid  
Analysis Batch: 43709

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 43707

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.1122		mg/Kg		113	70 - 130	0	35
Toluene	<0.00201	U	0.0990	0.1037		mg/Kg		105	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.0990	0.1000		mg/Kg		101	70 - 130	1	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2056		mg/Kg		104	70 - 130	1	35
o-Xylene	<0.00201	U	0.0990	0.09887		mg/Kg		100	70 - 130	0	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-43383/1-A  
Matrix: Solid  
Analysis Batch: 43449

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 43383

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 13:02	01/07/23 20:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 13:02	01/07/23 20:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 13:02	01/07/23 20:30	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	112		70 - 130	01/06/23 13:02	01/07/23 20:30	1			
o-Terphenyl	111		70 - 130	01/06/23 13:02	01/07/23 20:30	1			

Lab Sample ID: LCS 880-43383/2-A  
Matrix: Solid  
Analysis Batch: 43449

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 43383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	924.2		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	895.4		mg/Kg		90	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	103		70 - 130

Eurofins Carlsbad

## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-43383/3-A

Matrix: Solid

Analysis Batch: 43449

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	879.8		mg/Kg		88	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	874.8		mg/Kg		87	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	102		70 - 130						

Lab Sample ID: 890-3763-21 MS

Matrix: Solid

Analysis Batch: 43449

Client Sample ID: H-6

Prep Type: Total/NA

Prep Batch: 43383

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	794.6		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	673.6	F1	mg/Kg		67	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: 890-3763-21 MSD

Matrix: Solid

Analysis Batch: 43449

Client Sample ID: H-6

Prep Type: Total/NA

Prep Batch: 43383

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	879.5		mg/Kg		85	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	997	755.9		mg/Kg		76	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	82		70 - 130								

Lab Sample ID: MB 880-43418/1-A

Matrix: Solid

Analysis Batch: 43458

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43418

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/06/23 15:06	01/08/23 08:59	1

Eurofins Carlsbad



## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-43418/1-A  
Matrix: Solid  
Analysis Batch: 43458

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 43418

Surrogate	MB MB		Limits	Prepared		Dil Fac
	%Recovery	Qualifier			Analyzed	
1-Chlorooctane	124		70 - 130	01/06/23 15:06	01/08/23 08:59	1
o-Terphenyl	132	S1+	70 - 130	01/06/23 15:06	01/08/23 08:59	1

Lab Sample ID: LCS 880-43418/2-A  
Matrix: Solid  
Analysis Batch: 43458

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 43418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	818.9		mg/Kg		82	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	971.7		mg/Kg		97	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: LCSD 880-43418/3-A  
Matrix: Solid  
Analysis Batch: 43458

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 43418

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	911.9		mg/Kg		91	70 - 130		11	20
Diesel Range Organics (Over C10-C28)	1000	856.4		mg/Kg		86	70 - 130		13	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	94		70 - 130
o-Terphenyl	94		70 - 130

Lab Sample ID: 890-3763-1 MS  
Matrix: Solid  
Analysis Batch: 43458

Client Sample ID: S-1 (0-1)  
Prep Type: Total/NA  
Prep Batch: 43418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	830.3		mg/Kg		80	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	935.2		mg/Kg		91	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	63	S1-	70 - 130
o-Terphenyl	61	S1-	70 - 130

Eurofins Carlsbad

## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3763-1 MSD

Matrix: Solid

Analysis Batch: 43458

Client Sample ID: S-1 (0-1)

Prep Type: Total/NA

Prep Batch: 43418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	806.0		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	901.0		mg/Kg		88	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	60	S1-	70 - 130								
o-Terphenyl	60	S1-	70 - 130								

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43363/1-A

Matrix: Solid

Analysis Batch: 43615

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/10/23 15:40	1

Lab Sample ID: LCS 880-43363/2-A

Matrix: Solid

Analysis Batch: 43615

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-43363/3-A

Matrix: Solid

Analysis Batch: 43615

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	250.9		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-23397-A-4-B MS

Matrix: Solid

Analysis Batch: 43615

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1250		248	1447	4	mg/Kg		79	90 - 110

Lab Sample ID: 880-23397-A-4-C MSD

Matrix: Solid

Analysis Batch: 43615

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1250		248	1447	4	mg/Kg		79	90 - 110	0	20

Eurofins Carlsbad

## QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-43411/1-A  
Matrix: Solid  
Analysis Batch: 43621

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/23 09:40	1

Lab Sample ID: LCS 880-43411/2-A  
Matrix: Solid  
Analysis Batch: 43621

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.9		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-43411/3-A  
Matrix: Solid  
Analysis Batch: 43621

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	273.8		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 890-3766-A-4-F MS  
Matrix: Solid  
Analysis Batch: 43621

Client Sample ID: Matrix Spike  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	95.6	F1	253	391.8	F1	mg/Kg		117	90 - 110

Lab Sample ID: 890-3766-A-4-H MSD  
Matrix: Solid  
Analysis Batch: 43621

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.6	F1	253	392.8	F1	mg/Kg		118	90 - 110	0	20

Lab Sample ID: MB 880-43412/1-A  
Matrix: Solid  
Analysis Batch: 43622

Client Sample ID: Method Blank  
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/23 20:00	1

Lab Sample ID: LCS 880-43412/2-A  
Matrix: Solid  
Analysis Batch: 43622

Client Sample ID: Lab Control Sample  
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.5		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-43412/3-A  
Matrix: Solid  
Analysis Batch: 43622

Client Sample ID: Lab Control Sample Dup  
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	271.4		mg/Kg		109	90 - 110	1	20

Eurofins Carlsbad

QC Sample Results

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3763-4 MS											Client Sample ID: S-1 (3-3.5)		
Matrix: Solid											Prep Type: Soluble		
Analysis Batch: 43622													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits				
Chloride	4940		1240	6303		mg/Kg		110	90 - 110				

Lab Sample ID: 890-3763-4 MSD											Client Sample ID: S-1 (3-3.5)		
Matrix: Solid											Prep Type: Soluble		
Analysis Batch: 43622													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit		
Chloride	4940		1240	6228		mg/Kg		104	90 - 110	1	20		



## QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## GC VOA

## Prep Batch: 43171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43171/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 43280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	5035	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	5035	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	5035	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	5035	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	5035	
890-3763-6	S-2 (0-1)	Total/NA	Solid	5035	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	5035	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	5035	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	5035	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	5035	
890-3763-11	S-3 (0-1)	Total/NA	Solid	5035	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	5035	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	5035	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	5035	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	5035	
890-3763-16	H-1	Total/NA	Solid	5035	
890-3763-17	H-2	Total/NA	Solid	5035	
890-3763-18	H-3	Total/NA	Solid	5035	
890-3763-19	H-4	Total/NA	Solid	5035	
890-3763-20	H-5	Total/NA	Solid	5035	
MB 880-43280/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43280/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43280/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3763-2 MS	S-1 (1-1.5)	Total/NA	Solid	5035	
890-3763-2 MSD	S-1 (1-1.5)	Total/NA	Solid	5035	

## Analysis Batch: 43326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8021B	43280
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8021B	43280
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8021B	43280
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8021B	43280
890-3763-6	S-2 (0-1)	Total/NA	Solid	8021B	43280
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8021B	43280
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8021B	43280
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8021B	43280
890-3763-11	S-3 (0-1)	Total/NA	Solid	8021B	43280
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8021B	43280
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8021B	43280
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8021B	43280
890-3763-16	H-1	Total/NA	Solid	8021B	43280
890-3763-17	H-2	Total/NA	Solid	8021B	43280
890-3763-18	H-3	Total/NA	Solid	8021B	43280
890-3763-19	H-4	Total/NA	Solid	8021B	43280

Eurofins Carlsbad

## QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## GC VOA (Continued)

## Analysis Batch: 43326 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-20	H-5	Total/NA	Solid	8021B	43280
MB 880-43171/5-A	Method Blank	Total/NA	Solid	8021B	43171
MB 880-43280/5-A	Method Blank	Total/NA	Solid	8021B	43280
LCS 880-43280/1-A	Lab Control Sample	Total/NA	Solid	8021B	43280
LCSD 880-43280/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43280
890-3763-2 MS	S-1 (1-1.5)	Total/NA	Solid	8021B	43280
890-3763-2 MSD	S-1 (1-1.5)	Total/NA	Solid	8021B	43280

## Analysis Batch: 43532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3763-6	S-2 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3763-11	S-3 (0-1)	Total/NA	Solid	Total BTEX	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	Total BTEX	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	Total BTEX	
890-3763-16	H-1	Total/NA	Solid	Total BTEX	
890-3763-17	H-2	Total/NA	Solid	Total BTEX	
890-3763-18	H-3	Total/NA	Solid	Total BTEX	
890-3763-19	H-4	Total/NA	Solid	Total BTEX	
890-3763-20	H-5	Total/NA	Solid	Total BTEX	
890-3763-21	H-6	Total/NA	Solid	Total BTEX	
890-3763-22	H-7	Total/NA	Solid	Total BTEX	
890-3763-23	H-8	Total/NA	Solid	Total BTEX	

## Prep Batch: 43707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	5035	
890-3763-22	H-7	Total/NA	Solid	5035	
890-3763-23	H-8	Total/NA	Solid	5035	
MB 880-43707/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43707/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43707/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23426-A-20-H MS	Matrix Spike	Total/NA	Solid	5035	
880-23426-A-20-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 43709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	8021B	43707
890-3763-22	H-7	Total/NA	Solid	8021B	43707
890-3763-23	H-8	Total/NA	Solid	8021B	43707
MB 880-43707/5-A	Method Blank	Total/NA	Solid	8021B	43707

Eurofins Carlsbad

## QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## GC VOA (Continued)

## Analysis Batch: 43709 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-43707/1-A	Lab Control Sample	Total/NA	Solid	8021B	43707
LCSD 880-43707/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43707
880-23426-A-20-H MS	Matrix Spike	Total/NA	Solid	8021B	43707
880-23426-A-20-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43707

## GC Semi VOA

## Prep Batch: 43383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	8015NM Prep	
890-3763-22	H-7	Total/NA	Solid	8015NM Prep	
890-3763-23	H-8	Total/NA	Solid	8015NM Prep	
MB 880-43383/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43383/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3763-21 MS	H-6	Total/NA	Solid	8015NM Prep	
890-3763-21 MSD	H-6	Total/NA	Solid	8015NM Prep	

## Prep Batch: 43418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3763-6	S-2 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3763-11	S-3 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-3763-16	H-1	Total/NA	Solid	8015NM Prep	
890-3763-17	H-2	Total/NA	Solid	8015NM Prep	
890-3763-18	H-3	Total/NA	Solid	8015NM Prep	
890-3763-19	H-4	Total/NA	Solid	8015NM Prep	
890-3763-20	H-5	Total/NA	Solid	8015NM Prep	
MB 880-43418/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43418/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43418/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3763-1 MS	S-1 (0-1)	Total/NA	Solid	8015NM Prep	
890-3763-1 MSD	S-1 (0-1)	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 43449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-21	H-6	Total/NA	Solid	8015B NM	43383
890-3763-22	H-7	Total/NA	Solid	8015B NM	43383
890-3763-23	H-8	Total/NA	Solid	8015B NM	43383

Eurofins Carlsbad

## QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## GC Semi VOA (Continued)

## Analysis Batch: 43449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43383/1-A	Method Blank	Total/NA	Solid	8015B NM	43383
LCS 880-43383/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43383
LCSD 880-43383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43383
890-3763-21 MS	H-6	Total/NA	Solid	8015B NM	43383
890-3763-21 MSD	H-6	Total/NA	Solid	8015B NM	43383

## Analysis Batch: 43458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8015B NM	43418
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8015B NM	43418
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8015B NM	43418
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8015B NM	43418
890-3763-6	S-2 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8015B NM	43418
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8015B NM	43418
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8015B NM	43418
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8015B NM	43418
890-3763-11	S-3 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8015B NM	43418
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8015B NM	43418
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8015B NM	43418
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8015B NM	43418
890-3763-16	H-1	Total/NA	Solid	8015B NM	43418
890-3763-17	H-2	Total/NA	Solid	8015B NM	43418
890-3763-18	H-3	Total/NA	Solid	8015B NM	43418
890-3763-19	H-4	Total/NA	Solid	8015B NM	43418
890-3763-20	H-5	Total/NA	Solid	8015B NM	43418
MB 880-43418/1-A	Method Blank	Total/NA	Solid	8015B NM	43418
LCS 880-43418/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43418
LCSD 880-43418/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43418
890-3763-1 MS	S-1 (0-1)	Total/NA	Solid	8015B NM	43418
890-3763-1 MSD	S-1 (0-1)	Total/NA	Solid	8015B NM	43418

## Analysis Batch: 43492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Total/NA	Solid	8015 NM	
890-3763-2	S-1 (1-1.5)	Total/NA	Solid	8015 NM	
890-3763-3	S-1 (2-2.5)	Total/NA	Solid	8015 NM	
890-3763-4	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
890-3763-5	S-1 (4-4.5)	Total/NA	Solid	8015 NM	
890-3763-6	S-2 (0-1)	Total/NA	Solid	8015 NM	
890-3763-7	S-2 (1-1.5)	Total/NA	Solid	8015 NM	
890-3763-8	S-2 (2-2.5)	Total/NA	Solid	8015 NM	
890-3763-9	S-2 (3-3.5)	Total/NA	Solid	8015 NM	
890-3763-10	S-2 (4-4.5)	Total/NA	Solid	8015 NM	
890-3763-11	S-3 (0-1)	Total/NA	Solid	8015 NM	
890-3763-12	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-3763-13	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-3763-14	S-3 (3-3.5)	Total/NA	Solid	8015 NM	
890-3763-15	S-3 (4-4.5)	Total/NA	Solid	8015 NM	

Eurofins Carlsbad



## QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## GC Semi VOA (Continued)

## Analysis Batch: 43492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-16	H-1	Total/NA	Solid	8015 NM	
890-3763-17	H-2	Total/NA	Solid	8015 NM	
890-3763-18	H-3	Total/NA	Solid	8015 NM	
890-3763-19	H-4	Total/NA	Solid	8015 NM	
890-3763-20	H-5	Total/NA	Solid	8015 NM	
890-3763-21	H-6	Total/NA	Solid	8015 NM	
890-3763-22	H-7	Total/NA	Solid	8015 NM	
890-3763-23	H-8	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 43363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-20	H-5	Soluble	Solid	DI Leach	
890-3763-21	H-6	Soluble	Solid	DI Leach	
890-3763-22	H-7	Soluble	Solid	DI Leach	
890-3763-23	H-8	Soluble	Solid	DI Leach	
MB 880-43363/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43363/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43363/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23397-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-23397-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Leach Batch: 43411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-10	S-2 (4-4.5)	Soluble	Solid	DI Leach	
890-3763-11	S-3 (0-1)	Soluble	Solid	DI Leach	
890-3763-12	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-3763-13	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-3763-14	S-3 (3-3.5)	Soluble	Solid	DI Leach	
890-3763-15	S-3 (4-4.5)	Soluble	Solid	DI Leach	
890-3763-16	H-1	Soluble	Solid	DI Leach	
890-3763-17	H-2	Soluble	Solid	DI Leach	
890-3763-18	H-3	Soluble	Solid	DI Leach	
890-3763-19	H-4	Soluble	Solid	DI Leach	
MB 880-43411/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43411/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43411/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3766-A-4-F MS	Matrix Spike	Soluble	Solid	DI Leach	
890-3766-A-4-H MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Leach Batch: 43412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Soluble	Solid	DI Leach	
890-3763-2	S-1 (1-1.5)	Soluble	Solid	DI Leach	
890-3763-3	S-1 (2-2.5)	Soluble	Solid	DI Leach	
890-3763-4	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-3763-5	S-1 (4-4.5)	Soluble	Solid	DI Leach	
890-3763-6	S-2 (0-1)	Soluble	Solid	DI Leach	
890-3763-7	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-3763-8	S-2 (2-2.5)	Soluble	Solid	DI Leach	

Eurofins Carlsbad

## QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

## HPLC/IC (Continued)

## Leach Batch: 43412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-9	S-2 (3-3.5)	Soluble	Solid	DI Leach	
MB 880-43412/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43412/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43412/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3763-4 MS	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-3763-4 MSD	S-1 (3-3.5)	Soluble	Solid	DI Leach	

## Analysis Batch: 43615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-20	H-5	Soluble	Solid	300.0	43363
890-3763-21	H-6	Soluble	Solid	300.0	43363
890-3763-22	H-7	Soluble	Solid	300.0	43363
890-3763-23	H-8	Soluble	Solid	300.0	43363
MB 880-43363/1-A	Method Blank	Soluble	Solid	300.0	43363
LCS 880-43363/2-A	Lab Control Sample	Soluble	Solid	300.0	43363
LCSD 880-43363/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43363
880-23397-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	43363
880-23397-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	43363

## Analysis Batch: 43621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-10	S-2 (4-4.5)	Soluble	Solid	300.0	43411
890-3763-11	S-3 (0-1)	Soluble	Solid	300.0	43411
890-3763-12	S-3 (1-1.5)	Soluble	Solid	300.0	43411
890-3763-13	S-3 (2-2.5)	Soluble	Solid	300.0	43411
890-3763-14	S-3 (3-3.5)	Soluble	Solid	300.0	43411
890-3763-15	S-3 (4-4.5)	Soluble	Solid	300.0	43411
890-3763-16	H-1	Soluble	Solid	300.0	43411
890-3763-17	H-2	Soluble	Solid	300.0	43411
890-3763-18	H-3	Soluble	Solid	300.0	43411
890-3763-19	H-4	Soluble	Solid	300.0	43411
MB 880-43411/1-A	Method Blank	Soluble	Solid	300.0	43411
LCS 880-43411/2-A	Lab Control Sample	Soluble	Solid	300.0	43411
LCSD 880-43411/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43411
890-3766-A-4-F MS	Matrix Spike	Soluble	Solid	300.0	43411
890-3766-A-4-H MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	43411

## Analysis Batch: 43622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-1	S-1 (0-1)	Soluble	Solid	300.0	43412
890-3763-2	S-1 (1-1.5)	Soluble	Solid	300.0	43412
890-3763-3	S-1 (2-2.5)	Soluble	Solid	300.0	43412
890-3763-4	S-1 (3-3.5)	Soluble	Solid	300.0	43412
890-3763-5	S-1 (4-4.5)	Soluble	Solid	300.0	43412
890-3763-6	S-2 (0-1)	Soluble	Solid	300.0	43412
890-3763-7	S-2 (1-1.5)	Soluble	Solid	300.0	43412
890-3763-8	S-2 (2-2.5)	Soluble	Solid	300.0	43412
890-3763-9	S-2 (3-3.5)	Soluble	Solid	300.0	43412
MB 880-43412/1-A	Method Blank	Soluble	Solid	300.0	43412
LCS 880-43412/2-A	Lab Control Sample	Soluble	Solid	300.0	43412
LCSD 880-43412/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43412

Eurofins Carlsbad

QC Association Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 43622 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3763-4 MS	S-1 (3-3.5)	Soluble	Solid	300.0	43412
890-3763-4 MSD	S-1 (3-3.5)	Soluble	Solid	300.0	43412

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-1 (0-1)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-1  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	43326	01/07/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 11:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		20			43622	01/12/23 21:26	CH	EET MID

Client Sample ID: S-1 (1-1.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-2  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 00:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 12:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 21:32	CH	EET MID

Client Sample ID: S-1 (2-2.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-3  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 13:02	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 21:38	CH	EET MID

Client Sample ID: S-1 (3-3.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID

Eurofins Carlsbad



Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-1 (3-3.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-4  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 13:23	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		5			43622	01/12/23 21:44	CH	EET MID

Client Sample ID: S-1 (4-4.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-5  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 13:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		5			43622	01/12/23 22:03	CH	EET MID

Client Sample ID: S-2 (0-1)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-6  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	43326	01/07/23 03:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 14:04	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		20			43622	01/12/23 22:09	CH	EET MID

Client Sample ID: S-2 (1-1.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-7  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 14:26	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-2 (1-1.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-7  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		20			43622	01/12/23 22:27	CH	EET MID

Client Sample ID: S-2 (2-2.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-8  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 14:47	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 22:33	CH	EET MID

Client Sample ID: S-2 (3-3.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-9  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 02:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 15:08	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43412	01/06/23 14:48	KS	EET MID
Soluble	Analysis	300.0		10			43622	01/12/23 22:40	CH	EET MID

Client Sample ID: S-2 (4-4.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-10  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 15:29	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		10			43621	01/12/23 11:49	CH	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-3 (0-1)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-11  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 16:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		10			43621	01/12/23 12:07	CH	EET MID

Client Sample ID: S-3 (1-1.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-12  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 16:33	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		10			43621	01/12/23 12:14	CH	EET MID

Client Sample ID: S-3 (2-2.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-13  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 05:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 16:54	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		5			43621	01/12/23 12:20	CH	EET MID

Client Sample ID: S-3 (3-3.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-14  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 06:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: S-3 (3-3.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-14  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 17:16	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		5			43621	01/12/23 10:35	CH	EET MID

Client Sample ID: S-3 (4-4.5)  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-15  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 17:37	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		5			43621	01/12/23 10:54	CH	EET MID

Client Sample ID: H-1  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-16  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 17:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:00	CH	EET MID

Client Sample ID: H-2  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-17  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 07:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 18:20	SM	EET MID

Eurofins Carlsbad



Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-2  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-17  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:06	CH	EET MID

Client Sample ID: H-3  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-18  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 07:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 18:41	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:12	CH	EET MID

Client Sample ID: H-4  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-19  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 07:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 19:02	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43411	01/06/23 14:47	KS	EET MID
Soluble	Analysis	300.0		1			43621	01/12/23 11:18	CH	EET MID

Client Sample ID: H-5  
Date Collected: 01/04/23 12:00  
Date Received: 01/05/23 08:54

Lab Sample ID: 890-3763-20  
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	43280	01/05/23 14:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43326	01/07/23 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/09/23 11:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 17:57	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43418	01/06/23 15:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43458	01/08/23 19:24	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:43	CH	EET MID

Eurofins Carlsbad

## Lab Chronicle

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Client Sample ID: H-6

Lab Sample ID: 890-3763-21

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	43707	01/11/23 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43709	01/11/23 14:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/11/23 17:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 09:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43383	01/06/23 13:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43449	01/07/23 21:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:48	CH	EET MID

Client Sample ID: H-7

Lab Sample ID: 890-3763-22

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43707	01/11/23 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43709	01/11/23 14:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/11/23 17:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 09:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43383	01/06/23 13:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43449	01/07/23 22:35	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:53	CH	EET MID

Client Sample ID: H-8

Lab Sample ID: 890-3763-23

Date Collected: 01/04/23 12:00

Matrix: Solid

Date Received: 01/05/23 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43707	01/11/23 09:16	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43709	01/11/23 15:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43532	01/11/23 17:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43492	01/09/23 09:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43383	01/06/23 13:02	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43449	01/07/23 22:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43363	01/06/23 11:20	KS	EET MID
Soluble	Analysis	300.0		1			43615	01/10/23 17:58	CH	EET MID

## Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Carlsbad

Accreditation/Certification Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



## Sample Summary

Client: NT Global  
Project/Site: Gaucho 30 CTB 1

Job ID: 890-3763-1  
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3763-1	S-1 (0-1)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-2	S-1 (1-1.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-3	S-1 (2-2.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-4	S-1 (3-3.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-5	S-1 (4-4.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-6	S-2 (0-1)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-7	S-2 (1-1.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-8	S-2 (2-2.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-9	S-2 (3-3.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-10	S-2 (4-4.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-11	S-3 (0-1)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-12	S-3 (1-1.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-13	S-3 (2-2.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-14	S-3 (3-3.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-15	S-3 (4-4.5)	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-16	H-1	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-17	H-2	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-18	H-3	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-19	H-4	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-20	H-5	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-21	H-6	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-22	H-7	Solid	01/04/23 12:00	01/05/23 08:54
890-3763-23	H-8	Solid	01/04/23 12:00	01/05/23 08:54



Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucho 30 CTB 1	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush															None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Lea Co, NM	Due Date:															Cool: Cool	MeOH: Me	
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN	
PO #:	21105841																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: TMC-007	Well Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H <sub>3</sub> PO <sub>4</sub> : HP		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor: -0.2															NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading: 2.4															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature: 2.2															Zn Acetate+NaOH: Zn		
Total Containers:	23																NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
S-1 (0-1)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-1 (1-1.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-1 (2-2.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-1 (3-3.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-1 (4-4.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-2 (0-1)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-2 (1-1.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-2 (2-2.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-2 (3-3.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
S-2 (4-4.5)	1/4/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	1-5-23 0854			



Chain of Custody

Work Order No: \_\_\_\_\_

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush															None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co. NM	Due Date:															Cool: Cool	MeOH: Me
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN
PO #:	21105841																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Well Ice:	Yes No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received In tact:	Yes No	Thermometer ID:															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes No N/A	Temperature Reading:															Zn Acetate+NaOH: Zn	
Total Containers:	23	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP	Sample Comments											
S-3 (0-1)	1/4/2023		x		Comp	1	x	x	x										
S-3 (1-1.5)	1/4/2023		x		Comp	1	x	x	x										
S-3 (2-2.5)	1/4/2023		x		Comp	1	x	x	x										
S-3 (3-3.5)	1/4/2023		x		Comp	1	x	x	x										
S-3 (4-4.5)	1/4/2023		x		Comp	1	x	x	x										
H-1	1/4/2023		x		Comp	1	x	x	x										
H-2	1/4/2023		x		Comp	1	x	x	x										
H-3	1/4/2023		x		Comp	1	x	x	x										
H-4	1/4/2023		x		Comp	1	x	x	x										
H-5	1/4/2023		x		Comp	1	x	x	x										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Kenny Han</i>	<i>Wesley Mathews</i>	1-5-23 0854 <sup>2</sup>			
3					
5					





## Chain of Custody

**Work Order No:** \_\_\_\_\_

Page 3 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley Matthews@dyn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	

[illegible]



## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3763-1

SDG Number: Lea County NM

Login Number: 3763

List Number: 1

Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3763-1

SDG Number: Lea County NM

Login Number: 3763

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 01/06/23 11:27 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



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

January 31, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 16:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 1 (1') (H230392-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57		
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	234	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	53.7	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 1 (2') (H230392-02)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEx	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 1 (3') (H230392-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEx	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 1 (4') (H230392-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	27.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 1 (5') (H230392-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (1') (H230392-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	218	109	200	0.666	
DRO >C10-C28*	430	10.0	01/30/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	83.3	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (2') (H230392-07)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (3') (H230392-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	153	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	33.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (4') (H230392-09)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 2 (5') (H230392-10)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	332	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	97.8	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (6') (H230392-11)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEx	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (7') (H230392-12)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (8') (H230392-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (9') (H230392-14)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	48.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 2 (10') (H230392-15)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (1') (H230392-16)**

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	4480	10.0	01/28/2023	ND	185	92.7	200	1.60	QM-07
EXT DRO >C28-C36	1160	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (2') (H230392-17)**

BTX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 171 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M	mg/kg	Analyzed By: MS						S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31.5	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2010	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	428	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 163 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (3') (H230392-18)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	999	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	232	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (4') (H230392-19)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	328	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	89.4	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (5') (H230392-20)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	S-04
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	S-04
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	S-04
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	S-04
Total BTX	<0.300	0.300	01/28/2023	ND					S-04

Surrogate: 4-Bromofluorobenzene (PID) 156 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2660	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	534	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (6') (H230392-21)**

BTX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	01/30/2023	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.8	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	488	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	116	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (7') (H230392-22)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	150	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	33.7	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (8') (H230392-23)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (9') (H230392-24)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	49.9	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (10') (H230392-25)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (1') (H230392-26)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	3530	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	691	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 4 (2') (H230392-27)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669		
DRO >C10-C28*	938	10.0	01/28/2023	ND	185	92.7	200	1.60		
EXT DRO >C28-C36	218	10.0	01/28/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (3') (H230392-28)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	655	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	155	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (4') (H230392-29)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	28.5	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (5') (H230392-30)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	1990	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	544	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (6') (H230392-31)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (7') (H230392-32)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	114	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	28.9	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 4 (8') (H230392-33)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	72.4	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	19.6	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (9') (H230392-34)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 4 (10') (H230392-35)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEx	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (1') (H230392-36)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 5 (2') (H230392-37)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (3') (H230392-38)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	132	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	11.6	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (4') (H230392-39)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	54.4	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (5') (H230392-40)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 6 (1') (H230392-41)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 6 (2') (H230392-42)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 6 (3') (H230392-43)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 6 (4') (H230392-44)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 6 (5') (H230392-45)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 7 (1') (H230392-46)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 7 (2') (H230392-47)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 7 (3') (H230392-48)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 7 (4') (H230392-49)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 7 (5') (H230392-50)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 1 (0-6") (H230392-51)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	13.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 2 (0-6") (H230392-52)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 3 (0-6") (H230392-53)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 4 (0-6") (H230392-54)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 5 (0-6") (H230392-55)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 6 (0-6") (H230392-56)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6		
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 7 (0-6") (H230392-57)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6		
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 8 (0-6") (H230392-58)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6		
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07        The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager





Chain of Custody

Work Order No: H236392

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PRP <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/PRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha Unit 30 CTR 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number:	236730	Due Date:							None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm							
Sampler's Name:	Kellan Smith								
PO #:	2105841								
SAMPLE RECEIPT	Tamp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113						
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.4						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.8						
Total Containers:		Corrected Temperature:	-2.4						

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH											Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
TP-1 (1')	1-26-23				Grab																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	1-26-23 1641			





Chain of Custody

Work Order No: 1830392

Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Baycho Unit 30 C181		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	23C730				Due Date:											None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lee Co, NM		TAT starts the day received by the lab, if received by 4:30pm												Cool: Cool	MeOH: Me	
Sampler's Name:	Kellan Smith														HCL: HC	HNO <sub>3</sub> : HN	
PO #:	21105841														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H <sub>3</sub> PO <sub>4</sub> : HP		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113												NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.0°C												Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-1.8°C												Zn Acetate+NaOH: Zn		
Total Containers:			Corrected Temperature:	-2.4°C												NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
TP-2 (C1)	1-26-23				Lab		BTEX 8021B							11			
TP-2 (71)							TPH 8015M ( GRO + DRO + MRO)							12			
TP-2 (81)							Chloride 4500							13			
TP-2 (91)														14			
TP-2 (101)														15			
TP-3 (11)														16			
TP-3 (21)														17			
TP-3 (31)														18			
TP-3 (41)														19			
TP-3 (51)														20			

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>[Signature]</u>	2 <u>[Signature]</u>	1-26-23 11:034	3 <u>[Signature]</u>	4 <u>[Signature]</u>	
5 <u>[Signature]</u>	6 <u>[Signature]</u>				





Chain of Custody

Work Order No: 11230392

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dev.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Quelch Unit 30 CTR 1	<input checked="" type="checkbox"/> Turn Around	<input type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	230730															None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Lea Co, NM	Due Date:	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Lella Saffel																HCL: HC	HNO <sub>3</sub> : HN
PO #:	21P3 871																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H <sub>3</sub> PO <sub>4</sub> : HP		
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113													NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.02													Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-1.8°C													Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	-2.4°C													NaOH+Ascorbic Acid: SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP												Sample Comments			
TP-3 (6')	1-26-23																		21			
TP-3 (7')																					22	
TP-3 (8')																					23	
TP-3 (9')																					24	
TP-3 (10')																						25
TP-4 (1')																			26			
TP-4 (2')																					27	
TP-4 (3')																						28
TP-4 (4')																						29
TP-4 (5')																						

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





Chain of Custody

Work Order No: HA30392

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Laucha Unit 30 CTS 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number:	230730	Due Date:							None: NO DI Water: H <sub>2</sub> O
Project Location:	Laucha, NM	TAT starts the day received by the lab, if received by 4:30pm							Cool: Cool MeOH: Me
Sampler's Name:	Wesley Mathews								HCL: HC HNO <sub>3</sub> : HN
PO #:	21105841								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes (No) Wet Ice:	Yes (No)						H <sub>3</sub> PO <sub>4</sub> : HP
Received Inact:	Yes (No)	Thermometer ID:	113						NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.06						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-1.8						Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	-2.4						NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-4 (6')	1-26-23				Sub		BTEX 8021B			31
TP-4 (7')							TPH 8015M ( GRO + DRO + MRO)			32
TP-4 (8')							Chloride 4500			33
TP-4 (9')										34
TP-4 (10')										35
TP-5 (11')										36
TP-5 (12')										37
TP-5 (13')										38
TP-5 (14')										39
TP-5 (15')										40

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	1-26-23 16:24			





Chain of Custody

Work Order No: 41230392

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level:	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Carlsbad Unit 30 CTR 1	Tum Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	236730	Due Date:													None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Waco Co. NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Kellie Smith															HCL: HC	HNO <sub>3</sub> : HN
PO #:	21105891															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No											H <sub>3</sub> PO <sub>4</sub> : HP	
Received In tact:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Thermometer ID:												NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Correction Factor:												Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Temperature Reading:	-1.8°C											Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:	-2.4°C											NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments			
TP-6 (1')	1-26-23				Grab												41			
TP-6 (2')																			42	
TP-6 (3')																				43
TP-6 (4')																				44
TP-6 (5')																				
TP-7 (1')																		46		
TP-7 (2')																		47		
TP-7 (3')																			48	
TP-7 (4')																			49	
TP-7 (5')																				50

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		





Chain of Custody

Work Order No: 1930392

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Caliche Unit 70C81	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	6236730	Due Date:	TAT starts the day received by the lab, if received by 4:30pm															None: NO <input type="checkbox"/> DI Water: H <sub>2</sub> O <input type="checkbox"/>	
Project Location:	Lee Co, NM																	Cool: Cool <input type="checkbox"/> MeOH: Me <input type="checkbox"/>	
Sampler's Name:	LAKE Sam																	HCL: HC <input type="checkbox"/> HNO <sub>3</sub> : HN <input type="checkbox"/>	
PO #:	21105891																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> <input type="checkbox"/> NaOH: Na <input type="checkbox"/>	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H <sub>3</sub> PO <sub>4</sub> : HP <input type="checkbox"/>	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113															NaHSO <sub>4</sub> : NABIS <input type="checkbox"/>	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.10°C															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> <input type="checkbox"/>	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-1.8°C															Zn Acetate+NaOH: Zn <input type="checkbox"/>	
Total Containers:		Corrected Temperature:	-2.4°C															NaOH+Ascorbic Acid: SAPC <input type="checkbox"/>	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
							BTX 8021B												
							TPH 8015M ( GRO + DRO + MRO)												
							Chloride 4500												
14-1 (0-6")	1-26-22				Gas														51
14-2																			52
14-3																			53
14-4																			54
14-5																			55
14-6																			56
14-7																			57
14-8																			58

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	12:23 10:24			



Report to:  
Ethan Sessums



5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Gaucho Unit #017H

Work Order: E308243

Job Number: 21106-0001

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/7/23

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/7/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Gaucho Unit #017H  
Workorder: E308243  
Date Received: 9/1/2023 5:45:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/1/2023 5:45:00AM, under the Project Name: Gaucho Unit #017H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit #017H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
V-1 0-6"	5
V-2 0-6"	6
V-3 0-6"	7
H-1 0-6"	8
H-2 0-6"	9
H-3 0-6"	10
H-4 0-6"	11
H-5 0-6"	12
QC Summary Data	13
QC - Volatile Organic Compounds by EPA 8260B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 09/07/23 13:56
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 0-6"	E308243-01A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
V-2 0-6"	E308243-02A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
V-3 0-6"	E308243-03A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-1 0-6"	E308243-04A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-2 0-6"	E308243-05A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-3 0-6"	E308243-06A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-4 0-6"	E308243-07A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.
H-5 0-6"	E308243-08A	Soil	08/30/23	09/01/23	Glass Jar, 2 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
---	---	---------------------------------

V-1 0-6"

E308243-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2335105	
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	1.05	0.0250	1	09/01/23	09/05/23	
Toluene	0.293	0.0250	1	09/01/23	09/05/23	
o-Xylene	1.48	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	2.62	0.0500	1	09/01/23	09/05/23	
Total Xylenes	4.11	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene	124 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4	91.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8	114 %	70-130		09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2335105	
Gasoline Range Organics (C6-C10)	56.9	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene	124 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4	91.9 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8	114 %	70-130		09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2336035	
Diesel Range Organics (C10-C28)	10100	50.0	2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	3790	100	2	09/06/23	09/07/23	
Surrogate: n-Nonane	126 %	50-200		09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2336050	
Chloride	9090	200	10	09/06/23	09/06/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
---	---	---------------------------------

V-2 0-6"

E308243-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	0.0450	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	0.0675	0.0500	1	09/01/23	09/05/23	
Total Xylenes	0.113	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		112 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		112 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	2460	50.0	2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	1240	100	2	09/06/23	09/07/23	
Surrogate: n-Nonane		98.1 %	50-200	09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	8400	200	10	09/06/23	09/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
---	---	---------------------------------

V-3 0-6"

E308243-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	0.225	0.0250	1	09/01/23	09/05/23	
Toluene	0.0470	0.0250	1	09/01/23	09/05/23	
o-Xylene	0.845	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	1.25	0.0500	1	09/01/23	09/05/23	
Total Xylenes	2.09	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		113 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	61.2	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		113 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		114 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	9780	50.0	2	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	3540	100	2	09/06/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200	09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	8350	200	10	09/06/23	09/06/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 21106-0001  
Project Manager: Ethan Sessums

**Reported:**  
9/7/2023 1:56:49PM

H-1 0-6"

E308243-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene	95.2 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8	112 %	70-130		09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene	95.2 %	70-130		09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4	95.3 %	70-130		09/01/23	09/05/23	
Surrogate: Toluene-d8	112 %	70-130		09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
Surrogate: n-Nonane	99.3 %	50-200		09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	2980	40.0	2	09/06/23	09/06/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 21106-0001  
Project Manager: Ethan Sessums

**Reported:**  
9/7/2023 1:56:49PM

H-2 0-6"

E308243-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		118 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		110 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
Surrogate: n-Nonane		103 %	50-200	09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	159	20.0	1	09/06/23	09/06/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 21106-0001  
Project Manager: Ethan Sessums

**Reported:**  
9/7/2023 1:56:49PM

H-3 0-6"

E308243-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		123 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		123 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
Surrogate: n-Nonane		100 %	50-200	09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	46.8	20.0	1	09/06/23	09/06/23	





## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 21106-0001  
Project Manager: Ethan Sessums

**Reported:**  
9/7/2023 1:56:49PM

H-4 0-6"

E308243-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		119 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		111 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
Surrogate: n-Nonane		101 %	50-200	09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	122	20.0	1	09/06/23	09/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported: 9/7/2023 1:56:49PM
---	---	---------------------------------

H-5 0-6"

E308243-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Benzene	ND	0.0250	1	09/01/23	09/05/23	
Ethylbenzene	ND	0.0250	1	09/01/23	09/05/23	
Toluene	ND	0.0250	1	09/01/23	09/05/23	
o-Xylene	ND	0.0250	1	09/01/23	09/05/23	
p,m-Xylene	ND	0.0500	1	09/01/23	09/05/23	
Total Xylenes	ND	0.0250	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2335105
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/01/23	09/05/23	
Surrogate: Bromofluorobenzene		120 %	70-130	09/01/23	09/05/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	09/01/23	09/05/23	
Surrogate: Toluene-d8		112 %	70-130	09/01/23	09/05/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2336035
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/23	09/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/23	09/07/23	
Surrogate: n-Nonane		99.6 %	50-200	09/06/23	09/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2336050
Chloride	161	20.0	1	09/06/23	09/06/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gaicho Unit #017H	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2335105-BLK1) Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			

LCS (2335105-BS1) Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	2.55	0.0250	2.50		102	70-130			
Ethylbenzene	2.59	0.0250	2.50		104	70-130			
Toluene	2.64	0.0250	2.50		106	70-130			
o-Xylene	2.78	0.0250	2.50		111	70-130			
p,m-Xylene	5.53	0.0500	5.00		111	70-130			
Total Xylenes	8.31	0.0250	7.50		111	70-130			
Surrogate: Bromofluorobenzene	0.604		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.549		0.500		110	70-130			

Matrix Spike (2335105-MS1) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	2.35	0.0250	2.50	ND	94.1	48-131			
Ethylbenzene	2.42	0.0250	2.50	ND	96.6	45-135			
Toluene	2.44	0.0250	2.50	ND	97.5	48-130			
o-Xylene	2.56	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.12	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.68	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.557		0.500		111	70-130			

Matrix Spike Dup (2335105-MSD1) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23

Benzene	2.52	0.0250	2.50	ND	101	48-131	7.06	23	
Ethylbenzene	2.60	0.0250	2.50	ND	104	45-135	7.55	27	
Toluene	2.64	0.0250	2.50	ND	106	48-130	7.92	24	
o-Xylene	2.80	0.0250	2.50	ND	112	43-135	9.09	27	
p,m-Xylene	5.63	0.0500	5.00	ND	113	43-135	9.52	27	
Total Xylenes	8.43	0.0250	7.50	ND	112	43-135	9.38	27	
Surrogate: Bromofluorobenzene	0.611		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.553		0.500		111	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gaucha Unit #017H	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2335105-BLK1) Prepared: 09/01/23 Analyzed: 09/05/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.601		0.500		120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			

LCS (2335105-BS2) Prepared: 09/01/23 Analyzed: 09/05/23

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.608		0.500		122	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		96.9	70-130			
Surrogate: Toluene-d8	0.567		0.500		113	70-130			

Matrix Spike (2335105-MS2) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130			
Surrogate: Bromofluorobenzene	0.618		0.500		124	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.564		0.500		113	70-130			

Matrix Spike Dup (2335105-MSD2) Source: E308243-07 Prepared: 09/01/23 Analyzed: 09/05/23

Gasoline Range Organics (C6-C10)	56.0	20.0	50.0	ND	112	70-130	2.35	20	
Surrogate: Bromofluorobenzene	0.603		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.563		0.500		113	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gaucha Unit #017H	Reported:
911 Regional Park Dr.	Project Number:	21106-0001	
Houston TX, 77060	Project Manager:	Ethan Sessums	9/7/2023 1:56:49PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2336035-BLK1)					Prepared: 09/06/23 Analyzed: 09/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2336035-BS1)					Prepared: 09/06/23 Analyzed: 09/06/23				
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	51.0		50.0		102	50-200			

Matrix Spike (2336035-MS1)					Source: E309029-21		Prepared: 09/06/23 Analyzed: 09/06/23		
Diesel Range Organics (C10-C28)	286	25.0	250	37.3	99.7	38-132			
Surrogate: n-Nonane	50.4		50.0		101	50-200			

Matrix Spike Dup (2336035-MSD1)					Source: E309029-21		Prepared: 09/06/23 Analyzed: 09/06/23		
Diesel Range Organics (C10-C28)	284	25.0	250	37.3	98.6	38-132	0.954	20	
Surrogate: n-Nonane	51.3		50.0		103	50-200			





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 21106-0001 Project Manager: Ethan Sessums	Reported:  9/7/2023 1:56:49PM
---	---	-------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2336050-BLK1)				Prepared: 09/06/23 Analyzed: 09/06/23					
Chloride	ND	20.0							
LCS (2336050-BS1)				Prepared: 09/06/23 Analyzed: 09/06/23					
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2336050-MS1)				Source: E308243-01		Prepared: 09/06/23 Analyzed: 09/06/23			
Chloride	7460	200	250	9090	NR	80-120			M4
Matrix Spike Dup (2336050-MSD1)				Source: E308243-01		Prepared: 09/06/23 Analyzed: 09/06/23			
Chloride	9740	200	250	9090	262	80-120	26.6	20	M4, R2

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	21106-0001	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	09/07/23 13:56

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- R2 The RPD exceeded the acceptance limit.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Work Order No: E.308243  
Job # 21106-0001

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Ethan Sessums
Company Name:	NTG Environmental	Company Name:	NTG Environmental
Address:	209 W McKay St	Address:	209 W McKay St
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Carlsbad, NM 88220
Phone:	(432) 701-2159	Email:	<a href="mailto:Esessums@ntglobal.com">Esessums@ntglobal.com</a>

Work Order Comments			
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>		
State of Project:			
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>		
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:		

[illegible]

Additional Comments:
----------------------

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1	JP	Michelle Camacho		8-21-23 10:25	2	Michelle Camacho	Andrea mrs	8-31-23 2:00	
3	Andrea mrs	Cathy Man		9/1/23 5:45	4				
5					6				

## Envirotech Analytical Laboratory

Printed: 9/1/2023 11:05:16AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	09/01/23 05:45	Work Order ID:	E308243
Phone:	(281) 872-9300	Date Logged In:	08/31/23 14:55	Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	09/08/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

SRC Email not sent per client request.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Gaucho 30 CTB 1

Work Order: E310105

Job Number: 01058-0007

Received: 10/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/18/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 10/18/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Gaucho 30 CTB 1  
Workorder: E310105  
Date Received: 10/17/2023 8:15:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/17/2023 8:15:00AM, under the Project Name: Gaucho 30 CTB 1.

The analytical test results summarized in this report with the Project Name: Gaucho 30 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW-52A 0-5'	5
SW-53A 0-5'	6
SW-55A 0-5'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

NTG-New Tech Global Environmental	Project Name:	Gaucha 30 CTB 1	Reported: 10/18/23 15:03
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-52A 0-5'	E310105-01A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-53A 0-5'	E310105-02A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-55A 0-5'	E310105-03A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
---	---	-----------------------------------

SW-52A 0-5'

E310105-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID	95.7 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.3 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2342025	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane	75.5 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2342027	
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
---	---	-----------------------------------

SW-53A 0-5'  
E310105-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.9 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2342025	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane	66.6 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2342027	
Chloride	323	20.0	1	10/17/23	10/17/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:03:47PM
---	---	-----------------------------------

SW-55A 0-5'  
E310105-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2342025	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	68.4 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2342027	
Chloride	ND	20.0	1	10/17/23	10/17/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:03:47PM
---	---	---------------------------------------

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342021-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

LCS (2342021-BS1) Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.76	0.0250	5.00		95.1	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.73	0.0250	5.00		94.7	70-130			
o-Xylene	4.70	0.0250	5.00		94.1	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			

Matrix Spike (2342021-MS1) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.57	0.0250	5.00	ND	91.4	54-133			
Ethylbenzene	4.54	0.0250	5.00	ND	90.7	61-133			
Toluene	4.57	0.0250	5.00	ND	91.3	61-130			
o-Xylene	4.56	0.0250	5.00	ND	91.2	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2342021-MSD1) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.76	0.0250	5.00	ND	95.1	54-133	3.97	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133	3.96	20	
Toluene	4.75	0.0250	5.00	ND	95.0	61-130	3.93	20	
o-Xylene	4.75	0.0250	5.00	ND	95.0	63-131	4.00	20	
p,m-Xylene	9.62	0.0500	10.0	ND	96.2	63-131	3.74	20	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131	3.83	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:03:47PM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342021-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

LCS (2342021-BS2) Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

Matrix Spike (2342021-MS2) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

Matrix Spike Dup (2342021-MSD2) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	5.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:03:47PM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342025-BLK1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			

LCS (2342025-BS1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			

Matrix Spike (2342025-MS1)					Source: E310110-12		Prepared: 10/17/23 Analyzed: 10/17/23		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	42.7		50.0		85.3	50-200			

Matrix Spike Dup (2342025-MSD1)					Source: E310110-12		Prepared: 10/17/23 Analyzed: 10/17/23		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132	5.60	20	
Surrogate: n-Nonane	37.7		50.0		75.4	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:03:47PM
---	---	---------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342027-BLK1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Chloride	ND	20.0							
LCS (2342027-BS1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Chloride	244	20.0	250		97.7	90-110			
Matrix Spike (2342027-MS1)					Source: E310108-04		Prepared: 10/17/23 Analyzed: 10/17/23		
Chloride	241	20.0	250	ND	96.3	80-120			
Matrix Spike Dup (2342027-MSD1)					Source: E310108-04		Prepared: 10/17/23 Analyzed: 10/17/23		
Chloride	245	20.0	250	ND	98.0	80-120	1.74	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.





Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Gaucho 30 CTB 1	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/18/23 15:03

- ND Analyte NOT DETECTED at or above the reporting limit
  - NR Not Reported
  - RPD Relative Percent Difference
  - DNI Did Not Ignite
  - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





## Chain of Custody

 Work Order No: E310105  
 Job # 01058-0007

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dvn.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> RP <input type="checkbox"/> ownfields <input type="checkbox"/> RC <input type="checkbox"/> S <input type="checkbox"/> erfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Gaucho 30 CTB 1		Turn Around		ANALYSIS REQUEST												Preservative Codes							
Project Number:	236730		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO DI Water: H <sub>2</sub> O							
Project Location	Lea Co, NM		Due Date:	48hr													Cool: Cool MeOH: Me							
Sampler's Name:	Dimitry Nikanarov		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO <sub>3</sub> : HN							
PO #:	21105841																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na							
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:														NaHSO <sub>4</sub> : NABIS							
Cooler Custody Seals:	Yes No N/A	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>								
Sample Custody Seals:	Yes No N/A	Temperature Reading:		4													Zn Acetate+NaOH: Zn							
Total Containers:	3		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC							
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
SW-52A	0-5'	10/13/2023		X		Comp	1	X	X	X													1	
SW-53A	0-5'	10/13/2023		X		Comp	1	X	X	X													2	
SW-55A	0-5'	10/13/2023		X		Comp	1	X	X	X													3	

## Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	10/16/23 10:00	2 <i>[Signature]</i>	<i>[Signature]</i>	10-16-23 1730
3 <i>[Signature]</i>	<i>[Signature]</i>	10-17-23 8:15	4		
5			6		

## Envirotech Analytical Laboratory

Printed: 10/17/2023 11:30:27AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	10/17/23 08:15	Work Order ID:	E310105
Phone:	(281) 872-9300	Date Logged In:	10/16/23 14:41	Logged In By:	Caitlin Mars
Email:	essessums@ntglobal.com	Due Date:	10/18/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Gaucho 30 CTB 1

Work Order: E310106

Job Number: 01058-0007

Received: 10/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/18/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/18/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Gaucho 30 CTB 1  
Workorder: E310106  
Date Received: 10/17/2023 8:15:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/17/2023 8:15:00AM, under the Project Name: Gaucho 30 CTB 1.

The analytical test results summarized in this report with the Project Name: Gaucho 30 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
CS-18 7'	6
CS-19 7'	7
CS-39 5'	8
CS-85 6'	9
CS-86 6'	10
CS-87 6'	11
CS-88 6'	12
CS-89 6'	13
CS-90 6'	14
CS-91 6'	15
CS-92 6'	16
CS-93 6'	17
SW-13A 0-4'	18
SW-56 0-6'	19
SW-57 0-6'	20
SW-58 0-6'	21
SW-59 0-6'	22
SW-60 0-6'	23
SW-61 0-6'	24
SW-62 0-6'	25

Table of Contents (continued)

SW-63 0-6'	26
QC Summary Data	27
QC - Volatile Organics by EPA 8021B	27
QC - Nonhalogenated Organics by EPA 8015D - GRO	29
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	31
QC - Anions by EPA 300.0/9056A	33
Definitions and Notes	35
Chain of Custody etc.	36

Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gauchó 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/23 15:01
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-18 7'	E310106-01A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-19 7'	E310106-02A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-39 5'	E310106-03A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-85 6'	E310106-04A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-86 6'	E310106-05A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-87 6'	E310106-06A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-88 6'	E310106-07A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-89 6'	E310106-08A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-90 6'	E310106-09A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-91 6'	E310106-10A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-92 6'	E310106-11A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
CS-93 6'	E310106-12A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-13A 0-4'	E310106-13A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-56 0-6'	E310106-14A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-57 0-6'	E310106-15A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-58 0-6'	E310106-16A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-59 0-6'	E310106-17A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-60 0-6'	E310106-18A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-61 0-6'	E310106-19A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-62 0-6'	E310106-20A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
SW-63 0-6'	E310106-21A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho 30 CTB 1  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/18/2023 3:01:02PM

CS-18 7'

E310106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID	92.9 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.0 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	30.6	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane	89.1 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	80.4	20.0	1	10/17/23	10/17/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho 30 CTB 1  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/18/2023 3:01:02PM

CS-19 7'

E310106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	61.2	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	88.8 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	406	20.0	1	10/17/23	10/17/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-39 5'

E310106-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.5 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	94.5 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	39.9	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-85 6'

E310106-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	94.4	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	57.8	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	90.6 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-86 6'

E310106-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2342024	
Diesel Range Organics (C10-C28)	178	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	140	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	91.4 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2342030	
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-87 6'

E310106-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2342024	
Diesel Range Organics (C10-C28)	170	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	111	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	78.8 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2342030	
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-88 6'

E310106-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	63.5	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	54.8	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	75.6 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-89 6'

E310106-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
<i>Surrogate: n-Nonane</i>						
	85.7 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-90 6'

E310106-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	42.7	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	78.1 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho 30 CTB 1  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/18/2023 3:01:02PM

CS-91 6'

E310106-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	34.7	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	74.6 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-92 6'

E310106-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	82.3 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

CS-93 6'

E310106-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	39.5	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	72.7 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-13A 0-4'  
E310106-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	87.6 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	409	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-56 0-6'  
E310106-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	134	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	101	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	82.2 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/17/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-57 0-6'  
E310106-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	47.9	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	77.8 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-58 0-6'  
E310106-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2342024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	84.8 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2342030	
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-59 0-6'  
E310106-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2342024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	85.7 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2342030	
Chloride	ND	20.0	1	10/17/23	10/18/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-60 0-6'  
E310106-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.4 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.3 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	83.4 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-61 0-6'  
E310106-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342020
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2342024
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
<i>Surrogate: n-Nonane</i>						
	85.4 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342030
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-62 0-6'  
E310106-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: 4-Bromochlorobenzene-PID	95.5 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342020	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2342024	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/18/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/18/23	
Surrogate: n-Nonane	84.8 %	50-200		10/17/23	10/18/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342030	
Chloride	4810	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/2023 3:01:02PM
---	---	-----------------------------------

SW-63 0-6'  
E310106-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Benzene	ND	0.0250	1	10/17/23	10/17/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/17/23	
Toluene	ND	0.0250	1	10/17/23	10/17/23	
o-Xylene	ND	0.0250	1	10/17/23	10/17/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/17/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/17/23	
Surrogate: 4-Bromochlorobenzene-PID	95.8 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/17/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.5 %	70-130		10/17/23	10/17/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2342025	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/17/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/17/23	
Surrogate: n-Nonane	70.1 %	50-200		10/17/23	10/17/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342029	
Chloride	4160	40.0	2	10/17/23	10/17/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342020-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			

LCS (2342020-BS1) Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.91	0.0250	5.00		98.2	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.7	70-130			
Toluene	4.92	0.0250	5.00		98.3	70-130			
o-Xylene	4.86	0.0250	5.00		97.1	70-130			
p,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.6	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			

Matrix Spike (2342020-MS1) Source: E310106-08 Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	5.08	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.90	0.0250	5.00	ND	98.1	61-133			
Toluene	5.09	0.0250	5.00	ND	102	61-130			
o-Xylene	5.02	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			

Matrix Spike Dup (2342020-MSD1) Source: E310106-08 Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.63	0.0250	5.00	ND	92.5	54-133	9.36	20	
Ethylbenzene	4.47	0.0250	5.00	ND	89.5	61-133	9.19	20	
Toluene	4.63	0.0250	5.00	ND	92.7	61-130	9.31	20	
o-Xylene	4.58	0.0250	5.00	ND	91.6	63-131	9.20	20	
p,m-Xylene	9.26	0.0500	10.0	ND	92.6	63-131	8.94	20	
Total Xylenes	13.8	0.0250	15.0	ND	92.3	63-131	9.03	20	
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342021-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

LCS (2342021-BS1) Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.76	0.0250	5.00		95.1	70-130			
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130			
Toluene	4.73	0.0250	5.00		94.7	70-130			
o-Xylene	4.70	0.0250	5.00		94.1	70-130			
p,m-Xylene	9.58	0.0500	10.0		95.8	70-130			
Total Xylenes	14.3	0.0250	15.0		95.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			

Matrix Spike (2342021-MS1) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.57	0.0250	5.00	ND	91.4	54-133			
Ethylbenzene	4.54	0.0250	5.00	ND	90.7	61-133			
Toluene	4.57	0.0250	5.00	ND	91.3	61-130			
o-Xylene	4.56	0.0250	5.00	ND	91.2	63-131			
p,m-Xylene	9.27	0.0500	10.0	ND	92.7	63-131			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.3	70-130			

Matrix Spike Dup (2342021-MSD1) Source: E310105-02 Prepared: 10/17/23 Analyzed: 10/17/23

Benzene	4.76	0.0250	5.00	ND	95.1	54-133	3.97	20	
Ethylbenzene	4.72	0.0250	5.00	ND	94.4	61-133	3.96	20	
Toluene	4.75	0.0250	5.00	ND	95.0	61-130	3.93	20	
o-Xylene	4.75	0.0250	5.00	ND	95.0	63-131	4.00	20	
p,m-Xylene	9.62	0.0500	10.0	ND	96.2	63-131	3.74	20	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	63-131	3.83	20	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342020-BLK1) Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			

LCS (2342020-BS2) Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2342020-MS2) Source: E310106-08 Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	39.7	20.0	50.0	ND	79.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			

Matrix Spike Dup (2342020-MSD2) Source: E310106-08 Prepared: 10/17/23 Analyzed: 10/17/23

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.7	70-130	17.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

<b>Blank (2342021-BLK1)</b>					Prepared: 10/17/23 Analyzed: 10/17/23				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

<b>LCS (2342021-BS2)</b>					Prepared: 10/17/23 Analyzed: 10/17/23				
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

<b>Matrix Spike (2342021-MS2)</b>					<b>Source: E310105-02</b>		Prepared: 10/17/23 Analyzed: 10/17/23		
Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	89.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

<b>Matrix Spike Dup (2342021-MSD2)</b>					<b>Source: E310105-02</b>		Prepared: 10/17/23 Analyzed: 10/17/23		
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	5.56	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342024-BLK1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.0		50.0		106	50-200			

LCS (2342024-BS1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Diesel Range Organics (C10-C28)	246	25.0	250		98.5	38-132			
Surrogate: n-Nonane	43.2		50.0		86.3	50-200			

Matrix Spike (2342024-MS1)					Source: E310106-01		Prepared: 10/17/23 Analyzed: 10/17/23		
Diesel Range Organics (C10-C28)	260	25.0	250	30.6	91.9	38-132			
Surrogate: n-Nonane	42.5		50.0		85.0	50-200			

Matrix Spike Dup (2342024-MSD1)					Source: E310106-01		Prepared: 10/17/23 Analyzed: 10/17/23		
Diesel Range Organics (C10-C28)	259	25.0	250	30.6	91.2	38-132	0.661	20	
Surrogate: n-Nonane	41.8		50.0		83.6	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342025-BLK1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.7	50-200			

LCS (2342025-BS1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132			
Surrogate: n-Nonane	44.6		50.0		89.2	50-200			

Matrix Spike (2342025-MS1)					Source: E310110-12		Prepared: 10/17/23 Analyzed: 10/17/23		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	42.7		50.0		85.3	50-200			

Matrix Spike Dup (2342025-MSD1)					Source: E310110-12		Prepared: 10/17/23 Analyzed: 10/17/23		
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.6	38-132	5.60	20	
Surrogate: n-Nonane	37.7		50.0		75.4	50-200			





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342029-BLK1)				Prepared: 10/17/23 Analyzed: 10/17/23					
Chloride	ND	20.0							
LCS (2342029-BS1)				Prepared: 10/17/23 Analyzed: 10/17/23					
Chloride	243	20.0	250		97.1	90-110			
Matrix Spike (2342029-MS1)				Source: E310110-03		Prepared: 10/17/23 Analyzed: 10/17/23			
Chloride	1960	20.0	250	1740	87.0	80-120			
Matrix Spike Dup (2342029-MSD1)				Source: E310110-03		Prepared: 10/17/23 Analyzed: 10/17/23			
Chloride	1930	20.0	250	1740	76.1	80-120	1.41	20	M2



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/18/2023 3:01:02PM
---	---	---------------------------------------

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342030-BLK1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Chloride	ND	20.0							
LCS (2342030-BS1)					Prepared: 10/17/23 Analyzed: 10/17/23				
Chloride	242	20.0	250		96.8	90-110			
Matrix Spike (2342030-MS1)					Source: E310106-07		Prepared: 10/17/23 Analyzed: 10/17/23		
Chloride	243	20.0	250	ND	97.2	80-120			
Matrix Spike Dup (2342030-MSD1)					Source: E310106-07		Prepared: 10/17/23 Analyzed: 10/17/23		
Chloride	243	20.0	250	ND	97.0	80-120	0.152	20	

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho 30 CTB 1 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/18/23 15:01
---	---	-----------------------------

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.









## Chain of Custody

 Work Order No: E310106  
 Job # 01058-0007

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@dv.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> RP <input type="checkbox"/> ownfields <input type="checkbox"/> RC <input type="checkbox"/> S <input type="checkbox"/> erfund <input type="checkbox"/>
State of Project:	
Reporting: Level II	<input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Gaucho 30 CTB 1		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO DI Water: H <sub>2</sub> O				
Project Location	Lea Co, NM		Due Date:	48hr													Cool: Cool MeOH: Me				
Sampler's Name:	Dimitry Nikanarov		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO <sub>3</sub> : HN				
PO #:	21105841																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				
<b>SAMPLE RECEIPT</b>				Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:														NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:				Yes No N/A	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:				Yes No N/A	Temperature Reading:														Zn Acetate+NaOH: Zn		
Total Containers:				21	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC		
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-92	6'	10/13/2023		X		Comp	1	X	X	X								11			
CS-93	6'	10/13/2023		X		Comp	1	X	X	X								12			
SW-13A	0-4'	10/13/2023		X		Comp	1	X	X	X								13			
SW-56	0-6'	10/13/2023		X		Comp	1	X	X	X								14			
SW-57	0-6'	10/13/2023		X		Comp	1	X	X	X								15			
SW-58	0-6'	10/13/2023		X		Comp	1	X	X	X								16			
SW-59	0-6'	10/13/2023		X		Comp	1	X	X	X								17			
SW-60	2-6'	10/13/2023		X		Comp	1	X	X	X								18			
SW-61	0-6'	10/13/2023		X		Comp	1	X	X	X								19			
SW-62	0-6'	10/13/2023		X		Comp	1	X	X	X								20			

## Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>DN</i>	<i>Carrie Ann Gable</i>	10-16-23 1:00	4 <i>Carrie Ann Gable</i>	<i>Andrew Mago</i>	10-16-23 1730
3 <i>Andrew Mago</i>	<i>Carrie Ann Gable</i>	10-17-23 8:15	6		
5					





## Chain of Custody

Work Order No: E3/0/06  
Job # 01058-0007







Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	<a href="mailto:Wesley.Matthews@dvn.com">Wesley.Matthews@dvn.com</a>

Work Order Comments				
Program: UST/PST	<input type="checkbox"/> RP	<input type="checkbox"/> Downfields	<input type="checkbox"/> RC	S <input type="checkbox"/> erfund <input type="checkbox"/>
State of Project:				
Reporting: Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> ST/UST	<input type="checkbox"/> RP	<input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/>	ADaPT	<input type="checkbox"/>	Other:

[illegible]

Additional Comments:
----------------------

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1			10-16-23 10:00	2	
3			10-17-23 8:15	4	
5				6	

## Envirotech Analytical Laboratory

Printed: 10/17/2023 11:46:05AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	10/17/23 08:15	Work Order ID:	E310106
Phone:	(281) 872-9300	Date Logged In:	10/16/23 14:43	Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	10/18/23 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? No

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Gaucho Unit #017H

Work Order: E310112

Job Number: 01058-0007

Received: 10/17/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/23/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.



Date Reported: 10/23/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Gaucho Unit #017H  
Workorder: E310112  
Date Received: 10/17/2023 8:15:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/17/2023 8:15:00AM, under the Project Name: Gaucho Unit #017H.

The analytical test results summarized in this report with the Project Name: Gaucho Unit #017H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzales**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
TP-1 1	6
TP-1 2	7
TP-1 3	8
TP-1 4	9
TP-2 1	10
TP-2 2	11
TP-2 3	12
TP-2 4	13
TP-2 5	14
TP-2 6	15
TP-2 7	16
TP-2 8	17
TP-2 9	18
TP-2 11	19
TP-2 12	20
TP-3 1	21
TP-3 2	22
TP-3 3	23
TP-3 4	24
QC Summary Data	25



Table of Contents (continued)

QC - Volatile Organic Compounds by EPA 8260B	25
QC - Nonhalogenated Organics by EPA 8015D - GRO	26
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	27
QC - Anions by EPA 300.0/9056A	28
Definitions and Notes	29
Chain of Custody etc.	30

Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/23 11:35
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
TP-1 1	E310112-01A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-1 2	E310112-02A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-1 3	E310112-03A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-1 4	E310112-04A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 1	E310112-05A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 2	E310112-06A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 3	E310112-07A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 4	E310112-08A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 5	E310112-09A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 6	E310112-10A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 7	E310112-11A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 8	E310112-12A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 9	E310112-13A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 11	E310112-14A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-2 12	E310112-15A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 1	E310112-16A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 2	E310112-17A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 3	E310112-18A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.
TP-3 4	E310112-19A	Soil	10/13/23	10/17/23	Glass Jar, 4 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-1 1  
E310112-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342039	
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.3 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: RKS		Batch: 2342039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.3 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: KM		Batch: 2342043	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	54.5 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2342035	
Chloride	77.4	20.0	1	10/17/23	10/18/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/23/2023 11:35:02AM

## TP-1 2

## E310112-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.9 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.9 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	63.8 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	256	20.0	1	10/17/23	10/18/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/23/2023 11:35:02AM

## TP-1 3

## E310112-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.2 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	99.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.2 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	65.6 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	257	20.0	1	10/17/23	10/18/23	





## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/23/2023 11:35:02AM

## TP-1 4

## E310112-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	95.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.8 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	95.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.8 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	66.1 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	46.0	20.0	1	10/17/23	10/18/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/23/2023 11:35:02AM

## TP-2 1

## E310112-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.3 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	99.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.3 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	1030	125	5	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	673	250	5	10/17/23	10/19/23	
Surrogate: n-Nonane	73.4 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	2840	40.0	2	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 2  
E310112-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	95.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	95.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	1750	250	10	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	1020	500	10	10/17/23	10/19/23	
Surrogate: n-Nonane	64.5 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	1120	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 3  
E310112-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	331	50.0	2	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	186	100	2	10/17/23	10/19/23	
Surrogate: n-Nonane	59.5 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	308	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 4  
E310112-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	98.4 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.1 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	60.5 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	81.1	20.0	1	10/17/23	10/18/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 5  
E310112-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	99.6 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	69.4 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	ND	20.0	1	10/17/23	10/18/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/23/2023 11:35:02AM

## TP-2 6

## E310112-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	0.0435	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	0.0685	0.0500	1	10/17/23	10/18/23	
Total Xylenes	0.112	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.7 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	98.0 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.7 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	98.0 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	941	125	5	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	447	250	5	10/17/23	10/19/23	
Surrogate: n-Nonane	70.3 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	669	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 7

E310112-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	93.7 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	94.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	93.7 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	68.9 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	577	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 8  
E310112-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.8 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.8 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	95.8 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	42.8	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	64.1 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	1010	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 9  
E310112-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.1 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	93.1 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.1 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	93.1 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	69.2 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	2150	20.0	1	10/17/23	10/18/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 11  
E310112-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.7 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	96.5 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.7 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	67.1 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	84.5	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-2 12

E310112-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	97.5 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.2 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	96.0 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	97.5 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	65.7 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	169	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-3 1  
E310112-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	0.0415	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	0.0670	0.0500	1	10/17/23	10/18/23	
Total Xylenes	0.109	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	97.7 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	93.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.6 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	224	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	73.9	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	71.0 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	233	20.0	1	10/17/23	10/18/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Gaucho Unit #017H  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/23/2023 11:35:02AM

## TP-3 2

## E310112-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.2 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	99.6 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	94.2 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	72.6 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	ND	20.0	1	10/17/23	10/18/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-3 3  
E310112-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	95.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.1 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene	95.9 %	70-130		10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		10/17/23	10/18/23	
Surrogate: Toluene-d8	96.1 %	70-130		10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane	69.7 %	50-200		10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	ND	20.0	1	10/17/23	10/18/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/23/2023 11:35:02AM
---	---	------------------------------------

TP-3 4  
E310112-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Benzene	ND	0.0250	1	10/17/23	10/18/23	
Ethylbenzene	ND	0.0250	1	10/17/23	10/18/23	
Toluene	ND	0.0250	1	10/17/23	10/18/23	
o-Xylene	ND	0.0250	1	10/17/23	10/18/23	
p,m-Xylene	ND	0.0500	1	10/17/23	10/18/23	
Total Xylenes	ND	0.0250	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		103 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		95.7 %	70-130	10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2342039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/17/23	10/18/23	
Surrogate: Bromofluorobenzene		103 %	70-130	10/17/23	10/18/23	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130	10/17/23	10/18/23	
Surrogate: Toluene-d8		95.7 %	70-130	10/17/23	10/18/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2342043
Diesel Range Organics (C10-C28)	ND	25.0	1	10/17/23	10/19/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/17/23	10/19/23	
Surrogate: n-Nonane		68.6 %	50-200	10/17/23	10/19/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2342035
Chloride	ND	20.0	1	10/17/23	10/18/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Reported:  10/23/2023 11:35:02AM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342039-BLK1) Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS (2342039-BS1) Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	2.43	0.0250	2.50		97.3	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.7	70-130			
Toluene	2.32	0.0250	2.50		92.8	70-130			
o-Xylene	2.42	0.0250	2.50		97.0	70-130			
p,m-Xylene	4.73	0.0500	5.00		94.7	70-130			
Total Xylenes	7.16	0.0250	7.50		95.5	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			

Matrix Spike (2342039-MS1) Source: E310112-03 Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	2.48	0.0250	2.50	ND	99.0	48-131			
Ethylbenzene	2.44	0.0250	2.50	ND	97.7	45-135			
Toluene	2.38	0.0250	2.50	ND	95.2	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.2	43-135			
p,m-Xylene	4.80	0.0500	5.00	ND	96.1	43-135			
Total Xylenes	7.26	0.0250	7.50	ND	96.8	43-135			
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130			

Matrix Spike Dup (2342039-MSD1) Source: E310112-03 Prepared: 10/17/23 Analyzed: 10/18/23

Benzene	2.43	0.0250	2.50	ND	97.4	48-131	1.69	23	
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135	3.08	27	
Toluene	2.30	0.0250	2.50	ND	92.0	48-130	3.42	24	
o-Xylene	2.37	0.0250	2.50	ND	94.8	43-135	3.56	27	
p,m-Xylene	4.62	0.0500	5.00	ND	92.4	43-135	3.88	27	
Total Xylenes	6.99	0.0250	7.50	ND	93.2	43-135	3.77	27	
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gaucha Unit #017H	Reported:  10/23/2023 11:35:02AM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342039-BLK1) Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.512		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.480		0.500		96.0	70-130			

LCS (2342039-BS2) Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.5	70-130			
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

Matrix Spike (2342039-MS2) Source: E310112-03 Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.1	70-130			

Matrix Spike Dup (2342039-MSD2) Source: E310112-03 Prepared: 10/17/23 Analyzed: 10/18/23

Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.1	70-130	0.174	20	
Surrogate: Bromofluorobenzene	0.478		0.500		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/2023 11:35:02AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342043-BLK1)					Prepared: 10/17/23 Analyzed: 10/19/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.8		50.0		77.6	50-200			

LCS (2342043-BS1)					Prepared: 10/17/23 Analyzed: 10/19/23				
Diesel Range Organics (C10-C28)	212	25.0	250		84.8	38-132			
Surrogate: n-Nonane	37.4		50.0		74.8	50-200			

Matrix Spike (2342043-MS1)					Source: E310112-05		Prepared: 10/17/23 Analyzed: 10/19/23		
Diesel Range Organics (C10-C28)	1160	125	250	1030	53.7	38-132			
Surrogate: n-Nonane	33.9		50.0		67.8	50-200			

Matrix Spike Dup (2342043-MSD1)					Source: E310112-05		Prepared: 10/17/23 Analyzed: 10/19/23		
Diesel Range Organics (C10-C28)	1220	125	250	1030	77.2	38-132	4.95	20	
Surrogate: n-Nonane	34.2		50.0		68.4	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Gaucho Unit #017H Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/23/2023 11:35:02AM
---	---	--

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2342035-BLK1)					Prepared: 10/17/23 Analyzed: 10/18/23				
Chloride	ND	20.0							
LCS (2342035-BS1)					Prepared: 10/17/23 Analyzed: 10/19/23				
Chloride	250	20.0	250		99.8	90-110			
Matrix Spike (2342035-MS1)					Source: E310112-07		Prepared: 10/17/23 Analyzed: 10/18/23		
Chloride	867	20.0	250	308	224	80-120			M2
Matrix Spike Dup (2342035-MSD1)					Source: E310112-07		Prepared: 10/17/23 Analyzed: 10/18/23		
Chloride	684	20.0	250	308	150	80-120	23.6	20	M2, R3

QC Summary Report Comment:  
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.  
Therefore, hand calculated values may differ slightly.





Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Gaucho Unit #017H	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/23/23 11:35

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





## Chain of Custody

Work Order No: E310112  
Job # 01058-0007

Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Gaucho Unit #017H		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes					
Project Number:	237780			<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush														None: NO DI Water: H <sub>2</sub> O					
Project Location:	Lea Co, NM			Due Date:														Cool: Cool MeOH: Me					
Sampler's Name:	Dmitry Niakanorov			TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO <sub>3</sub> : HN					
PO #:	21199611																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
<b>SAMPLE RECEIPT</b>				Temp Blank:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No												H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:														NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:				Yes No N/A		Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:				Yes No N/A		Temperature Reading:		4												Zn Acetate+NaOH: Zn			
Total Containers:				19		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments					
TP-1	1	10/13/2023	11:30	X		Grab	1	X	X	X							1						
TP-1	2	10/13/2023	11:32	X		Grab	1	X	X	X							2						
TP-1	3	10/13/2023	11:34	X		Grab	1	X	X	X							3						
TP-1	4	10/13/2023	11:36	X		Grab	1	X	X	X							4						
TP-2	1	10/13/2023	11:38	X		Grab	1	X	X	X							5						
TP-2	2	10/13/2023	11:40	X		Grab	1	X	X	X							6						
TP-2	3	10/13/2023	11:42	X		Grab	1	X	X	X							7						
TP-2	4	10/13/2023	11:44	X		Grab	1	X	X	X							8						
TP-2	5	10/13/2023	11:46	X		Grab	1	X	X	X							9						
TP-2	6	10/13/2023	11:48	X		Grab	1	X	X	X							10						

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	10-16-23 10:00	2 <i>[Signature]</i>	<i>[Signature]</i>	10-16-23 11:30
3 <i>[Signature]</i>	<i>[Signature]</i>	10-17-23 8:15	4 <i>[Signature]</i>	<i>[Signature]</i>	
5 <i>[Signature]</i>	<i>[Signature]</i>		6 <i>[Signature]</i>	<i>[Signature]</i>	





## Chain of Custody

Work Order No: E310112  
Job # 01058-0007

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	<a href="mailto:esessums@ntglobal.com">esessums@ntglobal.com</a>

Work Order Comments			
Program: UST/PST	<input type="checkbox"/> PRP	<input type="checkbox"/> Brownfields	<input type="checkbox"/> RRC
State of Project:			
Reporting: Level II	<input type="checkbox"/> Level III	<input type="checkbox"/> PST/UST	<input type="checkbox"/> RRP
Level IV			
Deliverables: EDD	<input type="checkbox"/> ADaPT	Other:	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	10/16/23 1:00	10/16/23 1:00
2	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	10/17/23 8:15	10/17/23 8:15
3	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		
4					
5					
6					

## Envirotech Analytical Laboratory

Printed: 10/17/2023 12:56:32PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	NTG-New Tech Global Environmental	Date Received:	10/17/23 08:15	Work Order ID:	E310112
Phone:	(281) 872-9300	Date Logged In:	10/16/23 14:58	Logged In By:	Caitlin Mars
Email:	esssums@ntglobal.com	Due Date:	10/23/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

SRC email not sent per client request.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

---

January 31, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 16:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 1 (1') (H230392-01)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	234	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	53.7	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 1 (2') (H230392-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57		
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 1 (3') (H230392-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.88	93.9	2.00	2.57	
Toluene*	<0.050	0.050	01/28/2023	ND	2.10	105	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.08	104	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.47	108	6.00	2.67	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 1 (4') (H230392-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	27.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 1 (5') (H230392-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (1') (H230392-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	218	109	200	0.666	
DRO >C10-C28*	430	10.0	01/30/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	83.3	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 2 (2') (H230392-07)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 2 (3') (H230392-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	153	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	33.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 2 (4') (H230392-09)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (5') (H230392-10)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	332	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	97.8	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (6') (H230392-11)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (7') (H230392-12)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 2 (8') (H230392-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (9') (H230392-14)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	48.9	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 2 (10') (H230392-15)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	218	109	200	0.666	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	219	110	200	0.158	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 3 (1') (H230392-16)**

BTEx 8021B		mg/kg		Analyzed By: JH/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	4480	10.0	01/28/2023	ND	185	92.7	200	1.60	QM-07
EXT DRO >C28-C36	1160	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (2') (H230392-17)**

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 171 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	31.5	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2010	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	428	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 163 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 3 (3') (H230392-18)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 133 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	01/30/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	999	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	232	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (4') (H230392-19)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	328	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	89.4	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (5') (H230392-20)**

BTEx 8021B			mg/kg		Analyzed By: JH/				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	S-04
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	S-04
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	S-04
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	S-04
Total BTEX	<0.300	0.300	01/28/2023	ND					S-04

Surrogate: 4-Bromofluorobenzene (PID) 156 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	01/30/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	40.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	2660	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	534	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (6') (H230392-21)**

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	01/30/2023	ND	416	104	400	3.77	QM-07

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.8	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	488	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	116	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (7') (H230392-22)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30	
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44	
Total BTEX	<0.300	0.300	01/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	150	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	33.7	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 3 (8') (H230392-23)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	3.30		
Toluene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	3.11		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.03	102	2.00	2.11		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.26	104	6.00	2.44		
Total BTEX	<0.300	0.300	01/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (9') (H230392-24)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	49.9	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 3 (10') (H230392-25)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 4 (1') (H230392-26)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.6	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	3530	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	691	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 4 (2') (H230392-27)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	938	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	218	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (3') (H230392-28)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	655	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	155	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (4') (H230392-29)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	28.5	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (5') (H230392-30)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1790	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	1990	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	544	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (6') (H230392-31)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (7') (H230392-32)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	114	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	28.9	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (8') (H230392-33)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	72.4	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	19.6	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 4 (9') (H230392-34)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 4 (10') (H230392-35)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	194	97.2	200	0.00669	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	185	92.7	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (1') (H230392-36)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (2') (H230392-37)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (3') (H230392-38)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	132	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	11.6	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 5 (4') (H230392-39)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	54.4	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 5 (5') (H230392-40)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2	
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/30/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 6 (1') (H230392-41)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 6 (2') (H230392-42)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34		
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625		
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND						

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: TP - 6 (3') (H230392-43)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	2.04	102	2.00	10.2		
Toluene*	<0.050	0.050	01/30/2023	ND	2.10	105	2.00	10.4		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.09	104	2.00	10.4		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.32	105	6.00	10.9		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 6 (4') (H230392-44)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEx	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 6 (5') (H230392-45)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 7 (1') (H230392-46)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 7 (2') (H230392-47)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 7 (3') (H230392-48)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 7 (4') (H230392-49)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP - 7 (5') (H230392-50)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 1 (0-6") (H230392-51)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	13.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 2 (0-6") (H230392-52)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02	
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07	
Total BTX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 3 (0-6") (H230392-53)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 4 (0-6") (H230392-54)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 5 (0-6") (H230392-55)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.82	91.2	2.00	7.02		
Toluene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	6.52		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.00	100	2.00	6.88		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.23	104	6.00	7.07		
Total BTEX	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/28/2023	ND	193	96.4	200	2.34	
DRO >C10-C28*	<10.0	10.0	01/28/2023	ND	203	101	200	0.625	
EXT DRO >C28-C36	<10.0	10.0	01/28/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 6 (0-6") (H230392-56)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6	
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9	
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8	
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1	
Total BTEX	<0.300	0.300	01/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/30/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 7 (0-6") (H230392-57)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6		
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 01/26/2023  
 Reported: 01/31/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 01/26/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: H - 8 (0-6") (H230392-58)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/30/2023	ND	1.97	98.4	2.00	13.6		
Toluene*	<0.050	0.050	01/30/2023	ND	2.06	103	2.00	11.9		
Ethylbenzene*	<0.050	0.050	01/30/2023	ND	2.02	101	2.00	12.8		
Total Xylenes*	<0.150	0.150	01/30/2023	ND	6.22	104	6.00	12.1		
Total BTEx	<0.300	0.300	01/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/30/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	190	95.2	200	2.03	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	185	92.7	200	0.397	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07        The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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





Chain of Custody

Work Order No: H236392

Page 1 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PRP <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> UST/PRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Guacho Unit 30 CTR 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number:	236730	Due Date:							None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm							
Sampler's Name:	Kellan Smith								
PO #:	2105841								
SAMPLE RECEIPT	Tamp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113						
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.4						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.8						
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-2.4						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TP	Sample Comments									
TP-1 (1')	1-26-23				Grab			- 2375978810									
TP-1 (2')																	
TP-1 (3')																	
TP-1 (4')																	
TP-1 (5')																	
TP-2 (1')																	
TP-2 (2')																	
TP-2 (3')																	
TP-2 (4')																	
TP-2 (5')																	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	1-26-23 1641			





Chain of Custody

Work Order No: 1830392

Page 2 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Baycho Unit 30 C181		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	23C730				Turn Around	None: NO	DI Water: H <sub>2</sub> O										
Project Location:	Lee Co, NM		Due Date:		Cool: Cool	MeOH: Me											
Sampler's Name:	Kellan Smith		TAT starts the day received by the lab, if received by 4:30pm		HCL: HC	HNO <sub>3</sub> : HN											
PO #:	21105841				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na											
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H <sub>3</sub> PO <sub>4</sub> : HP	HOLD									
Received Inhibit:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		NaHSO <sub>4</sub> : NABIS										
Cooler Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-0.0°C		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>										
Sample Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	-1.8°C		Zn Acetate+NaOH: Zn										
Total Containers:				Corrected Temperature:	-2.4°C		NaOH+Ascorbic Acid: SAPC										
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
TP-2 (C1)	1-26-23				Lab										11		
TP-2 (71)															12		
TP-2 (81)															13		
TP-2 (91)															14		
TP-2 (101)															15		
TP-3 (11)															16		
TP-3 (21)															17		
TP-3 (31)															18		
TP-3 (41)															19		
TP-3 (51)															20		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <u>[Signature]</u>	2 <u>[Signature]</u>	18-23 11:034	3 <u>[Signature]</u>	4 <u>[Signature]</u>	
5			6		





Chain of Custody

Work Order No: 11230392

Page 3 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dev.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Quelch Unit 30 CTR 1	<input checked="" type="checkbox"/> Turn Around	<input type="checkbox"/> Routine	<input type="checkbox"/> Rush
Project Number:	230730	Due Date:	TAT starts the day received by the lab, if received by 4:30pm	
Project Location:	Lea Co N/A	Wet Ice:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Sample Name:	Lea Co N/A	Thermometer ID:	113	
PO #:	21P3 871	Correction Factor:	-0.02	
SAMPLE RECEIPT	Temp Blank:	Temperature Reading:	-1.82	
Received In tact:	<input checked="" type="checkbox"/> Yes	Corrected Temperature:	-2.42	
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes			
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes			
Total Containers:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-3 (6')	1-26-23				Grab		BTEX 8021B		None: NO	DI Water: H <sub>2</sub> O
TP-3 (7')							TPH 8015M ( GRO + DRO + MRO)		Cool: Cool	MeOH: Me
TP-3 (8')							Chloride 4500		HCL: HC	HNO <sub>3</sub> : HN
TP-3 (9')									H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
TP-3 (10')									H <sub>3</sub> PO <sub>4</sub> : HP	
TP-4 (1')									NaHSO <sub>4</sub> : NABIS	
TP-4 (2')									Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
TP-4 (3')									Zn Acetate+NaOH: Zn	
TP-4 (4')									NaOH+Ascorbic Acid: SAPC	
TP-4 (5')										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$65.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	1-26-23 16:24			





Chain of Custody

Work Order No: 1830392

Page 4 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Laucha Unit 30 CTS 1	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST				Preservative Codes
Project Number:	236730	Due Date:							None: NO DI Water: H <sub>2</sub> O
Project Location:	Laucha, NM	TAT starts the day received by the lab, if received by 4:30pm							Cool: Cool MeOH: Me
Sampler's Name:	Wesley Mathews								HCL: HC HNO <sub>3</sub> : HN
PO #:	21105841								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes (No) Wet Ice:	Yes (No)						H <sub>3</sub> PO <sub>4</sub> : HP
Received Inact:	Yes (No)	Thermometer ID:	113						NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	-0.06						Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	-1.8						Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:	-2.4						NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
TP-4 (6')	1-26-23				Sub		BTEX 8021B			31
TP-4 (7')							TPH 8015M ( GRO + DRO + MRO)			32
TP-4 (8')							Chloride 4500			33
TP-4 (9')										34
TP-4 (10')										35
TP-5 (11')										36
TP-5 (12')										37
TP-5 (13')										38
TP-5 (14')										39
TP-5 (15')										40

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$35.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	1-26-23 16:24			





Chain of Custody



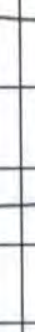
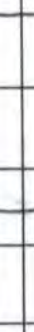




Work Order No: 4230392

Page 5 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level: I	<input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Carlsbad Unit 30 CR81	Tum Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	236730	Due Date:													None: NO	DI Water: H <sub>2</sub> O	
Project Location:	Waco Co. NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Kellie Smith															HCL: HC	HNO <sub>3</sub> : HN
PO #:	21105891															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Yes	No											H <sub>3</sub> PO <sub>4</sub> : HP	
Received In tact:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Thermometer ID:												NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Correction Factor:												Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Temperature Reading:	-1.8°C											Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:	-2.4°C											NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments
TP-6 (1')	1-26-23				Grab									41			
TP-6 (2')		42															
TP-6 (3')		43															
TP-6 (4')		44															
TP-6 (5')		45															
TP-7 (1')													46				
TP-7 (2')														47			
TP-7 (3')														48			
TP-7 (4')														49			
TP-7 (5')														50			

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1					
2		1-26-23 10:24			
3					
4					
5					





Chain of Custody

Work Order No: 1930392

Page 6 of 6

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Caycho Unit 70C81		<input checked="" type="checkbox"/> Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	6236730		<input type="checkbox"/> Routine <input type="checkbox"/> Rush													None: NO DI Water: H <sub>2</sub> O		
Project Location:	Lee Co, NM		Due Date:		TAT starts the day received by the lab, if received by 4:30pm										Cool: Cool MeOH: Me			
Sampler's Name:	LH-Sm		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO <sub>3</sub> : HN			
PO #:	21105891		Wet Ice:												H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H <sub>3</sub> PO <sub>4</sub> : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:											NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:											Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:											Zn Acetate+NaOH: Zn			
Total Containers:															NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments	
H-1 (0-6")	1-26-22				Gas		BTEX 8021B											51
H-2							TPH 8015M ( GRO + DRO + MRO)											53
H-3							Chloride 4500											54
H-4																		55
H-5																		56
H-6																		57
H-7																		58
H-8																		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	12:23:16 PM			





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

June 27, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 06/22/23 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 1 (0') (H233245-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	24.4	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	21.7	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 2 (0') (H233245-02)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	15.1	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 3 (0') (H233245-03)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 4 (0') (H233245-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	20.1	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 5 (0') (H233245-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/21/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: H - 6 (0') (H233245-06)**

BTEx 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8		
DRO >C10-C28*	10.3	10.0	06/23/2023	ND	168	84.2	200	17.8		
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND						

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/21/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 1 (0-0.5') (H233245-07)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/21/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 1 (1-1.5') (H233245-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 (2-2.5') (H233245-09)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 1 (3-3.5') (H233245-10)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 1 (4-4.5') (H233245-11)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEx	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/21/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 2 (0-0.5') (H233245-12)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11700	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/21/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 2 (1-1.5') (H233245-13)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 2 (2-2.5') (H233245-14)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 2 (3-3.5') (H233245-15)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76		
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	171	85.3	200	22.8	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	168	84.2	200	17.8	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/22/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 (4-4.5') (H233245-16)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 06/22/2023  
 Reported: 06/27/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 06/21/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 (0-0.5') (H233245-17)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.02	101	2.00	7.76	
Toluene*	<0.050	0.050	06/23/2023	ND	1.97	98.6	2.00	7.92	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	1.96	97.8	2.00	7.74	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	5.78	96.4	6.00	7.98	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9440	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/21/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 3 (1-1.5') (H233245-18)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEx	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/23/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 3 (2-2.5') (H233245-19)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/23/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 3 (3-3.5') (H233245-20)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEx	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 3 (4-4.5') (H233245-21)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 4 (0-0.5') (H233245-22)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97	
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13	
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68	
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02	
Total BTEX	<0.300	0.300	06/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 4 (1-1.5') (H233245-23)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 4 (2-2.5') (H233245-24)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEx	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 4 (3-3.5') (H233245-25)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEx	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	06/22/2023	Sampling Date:	06/22/2023
Reported:	06/27/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: S - 4 (4-4.5') (H233245-26)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2023	ND	2.03	101	2.00	4.97		
Toluene*	<0.050	0.050	06/23/2023	ND	1.98	99.0	2.00	5.13		
Ethylbenzene*	<0.050	0.050	06/23/2023	ND	2.09	105	2.00	4.68		
Total Xylenes*	<0.150	0.150	06/23/2023	ND	6.31	105	6.00	4.02		
Total BTEX	<0.300	0.300	06/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	06/23/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2023	ND	157	78.3	200	29.2	
DRO >C10-C28*	<10.0	10.0	06/23/2023	ND	172	86.1	200	27.3	
EXT DRO >C28-C36	<10.0	10.0	06/23/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- 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.

A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE Project Manager: Ethan Sessions Address: 209 W McKay St City: Carlsbad State: NH Zip: 88220 Phone #: 954/266-5456 Fax #: Project #: Project Owner: Project Name: Geocho 30 CTB 1 Project Location: Lea Courtg, NH Sampler Name: Duiting Nkanvor FOR LAB USE ONLY							<b>BILL TO</b> P.O. #: 2110 SP41 Company: Devon Attn: Dale Woodall Address: City: State: Zip: Phone #: Fax #:							<b>ANALYSIS REQUEST</b>									
Lab I.D.		Sample I.D.		MATRIX		PRESERV	SAMPLING																
(G)RAB OR (C)OMP. <td># CONTAINERS <td>GROUNDWATER <td>WASTEWATER <td>SOIL</td> <td>OIL <td>SLUDGE <td>OTHER :</td> <td>ACID/BASE:</td> <td>ICE / COOL</td> <td>OTHER :</td> <td>DATE <td>TIME</td> <td colspan="7"></td> </td></td></td></td></td></td>		# CONTAINERS <td>GROUNDWATER <td>WASTEWATER <td>SOIL</td> <td>OIL <td>SLUDGE <td>OTHER :</td> <td>ACID/BASE:</td> <td>ICE / COOL</td> <td>OTHER :</td> <td>DATE <td>TIME</td> <td colspan="7"></td> </td></td></td></td></td>	GROUNDWATER <td>WASTEWATER <td>SOIL</td> <td>OIL <td>SLUDGE <td>OTHER :</td> <td>ACID/BASE:</td> <td>ICE / COOL</td> <td>OTHER :</td> <td>DATE <td>TIME</td> <td colspan="7"></td> </td></td></td></td>	WASTEWATER <td>SOIL</td> <td>OIL <td>SLUDGE <td>OTHER :</td> <td>ACID/BASE:</td> <td>ICE / COOL</td> <td>OTHER :</td> <td>DATE <td>TIME</td> <td colspan="7"></td> </td></td></td>	SOIL	OIL <td>SLUDGE <td>OTHER :</td> <td>ACID/BASE:</td> <td>ICE / COOL</td> <td>OTHER :</td> <td>DATE <td>TIME</td> <td colspan="7"></td> </td></td>	SLUDGE <td>OTHER :</td> <td>ACID/BASE:</td> <td>ICE / COOL</td> <td>OTHER :</td> <td>DATE <td>TIME</td> <td colspan="7"></td> </td>	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE <td>TIME</td> <td colspan="7"></td>	TIME										
H233345	H-1	(0')			X							6/21		TPH	CHLORIDE	PIEX							
1	H-2	(0')																					
2	H-3	(0')																					
3	H-4	(0')																					
4	H-5	(0')																					
5	H-6	(0')																					
6	H-1	(0-0.5')																					
7	H-1	(1-1.5')																					
8	H-1	(2-2.5')																					
9	H-1	(3-3.5')																					
10	H-1	(3-3.5')																					
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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business 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 services hereunder by Cardinal. "Agreement of Whether such claim is based upon any of the above stated reasons or otherwise."																							
Relinquished By:				Date: 6-22-23	Received By:																		
Retained By:				Date: 6-22-23	Received By:																		
Delivered By: (Circle One)				Observed Temp. °C: 2.9	Cool Intact: Yes [X] No [ ]	Sample Condition: Cool Intact [X]	CHECKED BY: (Initials)																
Sampler - UPS - Bus - Other:				Corrected Temp. °C: 2.3	Yes [X] No [ ]	No [ ]	Turnaround Time:	Standard Rush [X]	Bacteria (only) Sample Condition: Cool Intact [X] Yes [ ] No [ ]	Observed Temp. °C:	Corrected Temp. °C:												
REMARKS: ESsessions@outglobal.com, DN.Kanvor@outglobal.com																							





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> NTGE		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>															
<b>Project Manager:</b> Ethan Sessions		<b>P.O. #:</b> 2110 SP41																	
<b>Address:</b> 209 W McKay St		<b>Company:</b> Devon																	
<b>City:</b> Lordsburg		<b>Attn:</b> Dale Woodall																	
<b>State:</b> NM		<b>Address:</b>																	
<b>Zip:</b> 88420		<b>City:</b>																	
<b>Phone #:</b> (505) 412-6655		<b>State:</b>																	
<b>Fax #:</b>		<b>Zip:</b>																	
<b>Project #:</b>		<b>Phone #:</b>																	
<b>Project Name:</b> Gravel 30 CTB 1		<b>Fax #:</b>																	
<b>Project Location:</b> Lea County, NM																			
<b>Sampler Name:</b> Dinitiy Nkanoror																			
<b>FOR LAB USE ONLY</b>																			
<b>Lab I.D.</b>	<b>Sample I.D.</b>	<b>(G)RAB OR (C)OMP</b>	<b># CONTAINERS</b>	<b>MATRIX</b>	<b>PRESERV</b>	<b>SAMPLING</b>	<b>DATE</b>	<b>TIME</b>	<b>TPH</b>	<b>CHLORIDE</b>	<b>PIEX</b>								
H233345	5-1 (4-4.5')	6	1	X	X		6/22												
11	5-2 (10-0.5')						6/21												
12	5-2 (1-1.5')						6/21												
13	5-2 (12-2.5')						6/21												
14	5-2 (3-3.5')						6/22												
15	5-2 (4-4.5')						6/21												
16	5-2 (10-0.5')						6/21												
17	5-3 (41-1.5')						6/21												
18	5-3 (2-2.5')						6/22												
19	5-3 (2-3.5')						6/22												
20																			
<b>PLEASE NOTE:</b> 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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business 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 services hereunder by Cardinal. Signatures of whether such claim is based upon any of the above stated reasons or otherwise.																			
<b>Relinquished By:</b> <i>[Signature]</i>		<b>Date:</b> 6-22-23		<b>Received By:</b> <i>[Signature]</i>		<b>Date:</b> 6-22-23													
<b>Time:</b> 1:50																			
<b>Relinquished By:</b>																			
<b>Date:</b>																			
<b>Time:</b>																			
<b>Delivered By: (Circle One)</b>		<b>Observed Temp. °C</b>		<b>Sample Condition</b>		<b>CHECKED BY: (Initials)</b>													
<b>Sampler - UPS - Bus - Other:</b>		<b>Corrected Temp. °C</b>		<b>Cool Intact</b>															
		<b>8.3</b>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Yes</b>													
				<input type="checkbox"/> No <input type="checkbox"/> No		<b>No</b>													
<b>Turnaround Time:</b> <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> <b>Bacteria (only)</b> <input type="checkbox"/> <b>Sample Condition</b> <input type="checkbox"/> <b>Cool Intact</b> <input type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/> <b>Observed Temp. °C</b> <input type="checkbox"/> <b>Corrected Temp. °C</b> <input type="checkbox"/>																			
<b>Thermometer ID #113</b> <b>Correction Factor -0.5°C</b>																			
<b>REMARKS:</b>																			
<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>																			
<b>All Results are emailed. Please provide Email address:</b>																			

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com





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

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> NTGE <b>Project Manager:</b> Ethan Sessions <b>Address:</b> 209 W McKay St <b>City:</b> Carlsbad <b>State:</b> NH <b>Zip:</b> 88220 <b>Phone #:</b> (254) 266-5456 <b>Fax #:</b>										<b>BILL TO</b> <b>P.O. #:</b> 2110341 <b>Company:</b> Devon <b>Attn:</b> Dale Woodall <b>Address:</b>										<b>ANALYSIS REQUEST</b>																			
<b>Project #:</b> <b>Project Name:</b> Geacho 30 CTB 1 <b>Project Location:</b> <b>Sampler Name:</b> Dinitry Nkanavor										<b>Project Owner:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>																													
<b>FOR LAB USE ONLY</b>										<b>MATRIX</b> GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:										<b>PRESERV</b> ACID/BASE ICE / COOL OTHER:										<b>SAMPLING</b>									
<b>Lab I.D.</b> H233245										<b>Sample I.D.</b> 21 S-3 (4-4.5') 22 S-4 (0-0.5') 23 S-4 (1-1.5') 24 S-4 (2-2.5') 25 S-4 (3-3.5') 26 S-4 (4-4.5')										(G)RAB OR (C)OMP # CONTAINERS DATE TIME										TPH CHLORIDE BTEX									
<b>Relinquished By:</b> DN										<b>Date:</b> 6-22-23 <b>Time:</b> 1450 <b>Received By:</b>										<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Add'l Phone #:</b>																			
<b>Relinquished By:</b>										<b>Date:</b> <b>Time:</b> <b>Received By:</b>										<b>REMARKS:</b>																			
<b>Delivered By:</b> (Circle One) Sampler - UPS - Bus - Other:										<b>Observed Temp. °C:</b> 23.9 <b>Corrected Temp. °C:</b> 23										<b>Sample Condition:</b> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Checked By:</b> (Initials)																			
<b>Turnaround Time:</b>										<b>Standard:</b> <input checked="" type="checkbox"/> <b>Rush:</b> <input type="checkbox"/>										<b>Bacteria (only) Sample Condition:</b> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Thermometer ID #113</b> <b>Correction Factor -0.6°C</b>																			



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

October 04, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 1 4' (H235350-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 2 4' (H235350-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 3 4' (H235350-03)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	12.6	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 4 4' (H235350-04)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	15.1	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 5 4' (H235350-05)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	1280	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	310	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 6 4' (H235350-06)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	30.5	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 7 4' (H235350-07)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	56.5	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 8 4' (H235350-08)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	11.4	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	7430	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	1540	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 216 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 9 4' (H235350-09)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 62.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.0 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 10 4' (H235350-10)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 11 4' (H235350-11)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	15.1	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 12 4' (H235350-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 13 4' (H235350-13)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	36.6	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 14 4' (H235350-14)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	24.4	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 15 4' (H235350-15)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	44.7	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 16 6' (H235350-16)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 17 6' (H235350-17)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	15.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 18 6' (H235350-18)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	10/04/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 19 6' (H235350-19)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08		
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	25.2	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 20 6' (H235350-20)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	4.08	
Toluene*	<0.050	0.050	10/03/2023	ND	2.02	101	2.00	3.95	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	3.45	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.85	97.6	6.00	3.37	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	10/04/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	189	94.6	200	1.06	
DRO >C10-C28*	19.1	10.0	10/03/2023	ND	219	110	200	1.90	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 21 4' (H235350-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 22 4' (H235350-22)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 23 4' (H235350-23)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 24 4' (H235350-24)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 25 4' (H235350-25)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38		
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 26 4' (H235350-26)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38		
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 27 4' (H235350-27)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 28 4' (H235350-28)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 29 4' (H235350-29)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	60.1	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	10.8	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 30 4' (H235350-30)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 31 4' (H235350-31)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEx	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 32 4' (H235350-32)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEx	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 33 4' (H235350-33)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 1 0-4' (H235350-34)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 2 0-4' (H235350-35)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 3 0-4' (H235350-36)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEx	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 4 0-4' (H235350-37)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEx	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 5 0-4' (H235350-38)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38		
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	39.9	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 6 0-4' (H235350-39)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/04/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 7 0-4' (H235350-40)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	2.04	102	2.00	4.38	
Toluene*	<0.050	0.050	10/03/2023	ND	2.19	110	2.00	5.70	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.35	117	2.00	6.04	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	7.04	117	6.00	5.72	
Total BTEx	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/04/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	199	99.4	200	7.57	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	195	97.6	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 8 0-4' (H235350-41)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 9 0-4' (H235350-42)**

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74		
DRO >C10-C28*	168	10.0	10/03/2023	ND	215	107	200	0.0848		
EXT DRO >C28-C36	23.7	10.0	10/03/2023	ND						

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 10 0-4' (H235350-43)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	3360	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1100	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 173 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 11 0-4' (H235350-44)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	GC-NC
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	28.2	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	5790	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1310	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 179 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 12 0-4' (H235350-45)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	162	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	41.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 13 0-4' (H235350-46)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	274	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	40.3	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 14 0-4' (H235350-47)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 15 0-4' (H235350-48)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 16 0-4' (H235350-49)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	24.2	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 17 0-4' (H235350-50)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	13100	50.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	4880	50.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 407 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 18 0-4' (H235350-51)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	2680	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1110	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 186 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 19 0-4' (H235350-52)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	2740	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	1070	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 138 % 48.2-134

Surrogate: 1-Chlorooctadecane 204 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 20 0-4' (H235350-53)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 21 0-4' (H235350-54)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 22 0-4' (H235350-55)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	34.5	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 23 0-4' (H235350-56)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTEX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/04/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 24 4-6' (H235350-57)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/04/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/04/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/04/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 25 0-4' (H235350-58)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1150	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 26 0-4' (H235350-59)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17		
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983		
Total BTEX	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 27 4-6' (H235350-60)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2023	ND	1.94	97.2	2.00	1.17	
Toluene*	<0.050	0.050	10/03/2023	ND	1.99	99.4	2.00	2.33	
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	1.90	94.9	2.00	0.399	
Total Xylenes*	<0.150	0.150	10/03/2023	ND	5.71	95.2	6.00	0.00983	
Total BTX	<0.300	0.300	10/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/04/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	196	97.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	215	107	200	0.0848	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 28 0-4' (H235350-61)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/02/2023  
 Reported: 10/04/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/02/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 29 0-4' (H235350-62)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.6	2.00	3.14	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86	
Total BTEX	<0.300	0.300	10/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/04/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 30 0-4' (H235350-63)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/02/2023	Sampling Date:	10/02/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW - 31 0-4' (H235350-64)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2560	16.0	10/04/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

- S-06            The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- GC-NC            8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
- 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

H235350

Page 1 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PT	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:		Gaucho 30 CTB 1		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes										
Project Number:		236730		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		48hrs														None: NO	DI Water: H <sub>2</sub> O									
Project Location:		Lea Co, NM		Due Date:		TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me									
Sampler's Name:		Clayton Turnas																		HCL: HC	HNO <sub>3</sub> : HN									
PO #		21105841																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na									
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Parameters										HOLD										
Received In tact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140																								
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:																										
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:		0.30																								
Total Containers:		64		Corrected Temperature:																										
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments														
CS-1		4'		10/2/2023				X				Comp		1														X	X	X
CS-2		4'		10/2/2023				X				Comp		1														X	X	X
CS-3		4'		10/2/2023				X				Comp		1														X	X	X
CS-4		4'		10/2/2023				X				Comp		1														X	X	X
CS-5		4'		10/2/2023				X				Comp		1														X	X	X
CS-6		4'		10/2/2023				X				Comp		1														X	X	X
CS-7		4'		10/2/2023				X				Comp		1														X	X	X
CS-8		4'		10/2/2023				X				Comp		1														X	X	X
CS-9		4'		10/2/2023				X				Comp		1														X	X	X
CS-10		4'		10/2/2023				X				Comp		1		X	X	X												

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		10-2-23 1515			





Chain of Custody

Work Order No:

11935350

Page 2 of 7

Project Manager:	Ethan Sessums	Bill to: (if different):	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Gaucho 30 CTB 1		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	236730		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Due Date:	48hrs												None: NO	DI Water: H <sub>2</sub> O		
Project Location	Lea Co, NM																	Cool: Cool	MeOH: Me		
Sampler's Name:	Clayton Tumas				TAT starts the day received by the lab, if received by 4:30pm												HCL: HCl	HNO <sub>3</sub> : HN			
PO #	21105841																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:													NaHSO <sub>4</sub> : NABIS				
Cooler Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:													Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>				
Sample Custody Seals:			Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:													Zn Acetate+NaOH: Zn				
Total Containers:			64	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-11	4'	10/2/2023		X		Comp	1	X	X	X											
CS-12	4'	10/2/2023		X		Comp	1	X	X	X											
CS-13	4'	10/2/2023		X		Comp	1	X	X	X											
CS-14	4'	10/2/2023		X		Comp	1	X	X	X											
CS-15	4'	10/2/2023		X		Comp	1	X	X	X											
CS-16	6'	10/2/2023		X		Comp	1	X	X	X											
CS-17	6'	10/2/2023		X		Comp	1	X	X	X											
CS-18	6'	10/2/2023		X		Comp	1	X	X	X											
CS-19	6'	10/2/2023		X		Comp	1	X	X	X											
CS-20	6'	10/2/2023		X		Comp	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1515	2		
3			4		
5			6		





Chain of Custody

Work Order No: 4235350

Page 3 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730	Due Date:	48hrs														None: NO DI Water: H <sub>2</sub> O				
Project Location:	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me				
Sampler's Name:	Clayton Turnas																HCL: HC HNO <sub>3</sub> : HN				
PO #	21105941																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP				
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140														NaHSO <sub>4</sub> : NABIS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.3°C														Zn Acetate+NaOH: Zn				
Total Containers:	64	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft. bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-21	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-22	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-23	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-24	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-25	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-26	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-27	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-28	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-29	4'	10/2/2023		X		Comp	1	X	X	X	X										
CS-30	4'	10/2/2023		X		Comp	1	X	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$55.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10-2-23 1510			





Chain of Custody

Work Order No:

14235350

Page 4 of 7

Project Manager:	Ethan Sessums	Bill To: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:		Gaucho 30 CTB 1		Turn Around		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Project Number:		236730		Due Date:		48hrs												None: NO	DI Water: H <sub>2</sub> O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Project Location:		Lea Co. NM		TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Sampler's Name:		Clayton Tumas																HCL: HC	HNO <sub>3</sub> : HN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
PO #		21105841																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Well Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										H <sub>3</sub> PO <sub>4</sub> : HP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140										NaHSO <sub>4</sub> : NABIS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Cooler Custody Seals:				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor:												Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Sample Custody Seals:				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading:		0.32										Zn Acetate+NaOH: Zn																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Total Containers:				64		Corrected Temperature:												NaOH+Ascorbic Acid: SACP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
CS-31		4'		10/2/2023				X				Comp		1		X		X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





Chain of Custody

Work Order No: H235350

Page 5 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code
Project Number:	236730	Due Date:	48hrs	
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm		
Sampler's Name:	Clayton Tumas			
PO #	21105841			

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	1.32	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	1.32	
Total Containers:	64	Corrected Temperature:		

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
SW-8	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-9	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-10	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-11	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-12	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-13	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-14	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-15	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-16	0-4'	10/2/2023		X		Comp	1	X	X	X	
SW-17	0-4'	10/2/2023		X		Comp	1	X	X	X	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	10-2-23 1515			





Chain of Custody

Work Order No: 4235350

Page 6 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name		Gaucha 30 CTB 1			Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	236730	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>None: NO</th> <th>DI Water: H<sub>2</sub>O</th>															None: NO	DI Water: H <sub>2</sub> O		
Project Location	Lea Co. NM	Due Date:	48hrs	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me		
Sampler's Name:	Clayton Tumas																	HCL: HC	HNO <sub>3</sub> : HN		
PO #	21105841																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No	Yes <input type="checkbox"/> Wet Ice:	Yes <input checked="" type="checkbox"/> No	Parameters															
Received Intact:	Yes <input checked="" type="checkbox"/> No	Thermometer ID:	140																		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:																			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	11.5c																		
Total Containers:	64	Corrected Temperature:																			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B													
SW-18	0-4'	10/2/2023		X		Comp	1	X	X	X											
SW-19	0-4'	10/2/2023		X		Comp	1	X	X	X											
SW-20	0-4'	10/2/2023		X		Comp	1	X	X	X											
SW-21	0-4'	10/2/2023		X		Comp	1	X	X	X											
SW-22	0-4'	10/2/2023		X		Comp	1	X	X	X											
SW-23	0-4'	10/2/2023		X		Comp	1	X	X	X											
SW-24	4-6'	10/2/2023		X		Comp	1	X	X	X											
SW-25	0-6'	10/2/2023		X		Comp	1	X	X	X											
SW-26	0-6'	10/2/2023		X		Comp	1	X	X	X											
SW-27	4-6'	10/2/2023		X		Comp	1	X	X	X											
				X		Comp	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	10-2-23 1515			





Work Order No: 1720020

Page 7 of 7

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	

[illegible]



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

---

October 10, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/06/23 12:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-34 4' (H235458-01)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	180	90.1	200	1.09	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	187	93.5	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-35 4' (H235458-02)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	22.3	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-36 4' (H235458-03)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795		
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227		
Total BTEx	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/10/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-37 4' (H235458-04)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-38 4' (H235458-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-39 4' (H235458-06)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	1580	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	452	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-40 4' (H235458-07)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEx	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/10/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	16.1	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	10.7	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-41 2' (H235458-08)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-42 2' (H235458-09)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-43 2' (H235458-10)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/10/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	ND	209	104	200	1.03	
DRO >C10-C28*	10.4	10.0	10/09/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-44 2' (H235458-11)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-45 2' (H235458-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/10/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-46 2' (H235458-13)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795		
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227		
Total BTEx	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/10/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-47 2' (H235458-14)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	10/10/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-48 2' (H235458-15)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	14.9	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-49 2' (H235458-16)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	18.8	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-50 2' (H235458-17)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEx	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/09/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-51 2' (H235458-18)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-52 2' (H235458-19)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795	
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/09/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	13.4	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-53 2' (H235458-20)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	0.795		
Toluene*	<0.050	0.050	10/07/2023	ND	2.03	101	2.00	1.02		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	1.96	97.8	2.00	0.621		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.87	97.8	6.00	0.227		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	10/09/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-54 2' (H235458-21)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	209	104	200	1.03	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	240	120	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-55 2' (H235458-22)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20		
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56		
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND						

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-56 2' (H235458-23)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-57 2' (H235458-24)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-58 2' (H235458-25)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-59 2' (H235458-26)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-60 2' (H235458-27)**

BTEx 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-61 2' (H235458-28)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-62 2' (H235458-29)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/06/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/06/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/06/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/06/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-63 2' (H235458-30)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-64 2' (H235458-31)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-65 2' (H235458-32)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-66 2' (H235458-33)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-67 2' (H235458-34)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/09/2023	ND	464	116	400	7.14	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-68 2' (H235458-35)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-69 2' (H235458-36)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-70 2' (H235458-37)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-71 2' (H235458-38)**

BTEx 8021B		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-72 2' (H235458-39)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-73 4' (H235458-40)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.19	110	2.00	0.0391	
Toluene*	<0.050	0.050	10/07/2023	ND	2.08	104	2.00	0.747	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.12	106	2.00	0.152	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.19	103	6.00	1.33	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
<b>DRO &gt;C10-C28*</b>	<b>230</b>	10.0	10/07/2023	ND	201	100	200	4.56	
<b>EXT DRO &gt;C28-C36</b>	<b>58.7</b>	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-74 4' (H235458-41)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/10/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	192	96.2	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	201	100	200	4.56	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-75 4' (H235458-42)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-76 4' (H235458-43)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666		
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137		
Total BTEx	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-77 4' (H235458-44)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666		
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137		
Total BTX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/10/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	38.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	16.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-78 4' (H235458-45)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666		
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/10/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	126	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	46.9	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-32 0-4' (H235458-46)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-33 0-4' (H235458-47)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-34 0-4' (H235458-48)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-35 2-4' (H235458-49)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
<b>DRO &gt;C10-C28*</b>	<b>21.6</b>	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-36 0-4' (H235458-50)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-37 0-4' (H235458-51)**

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-38 0-4' (H235458-52)**

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-39 0-4' (H235458-53)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/10/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW-40 0-4' (H235458-54)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/10/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-41 0-4' (H235458-55)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/10/2023	ND	416	104	400	7.41	QR-03

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	32.1	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-42 0-4' (H235458-56)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-43 0-4' (H235458-57)**

BTEx 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW-44 0-4' (H235458-58)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	16.0	10.0	10/09/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-45 0-4' (H235458-59)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666	
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	32.6	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW-46 0-4' (H235458-60)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.13	107	2.00	0.666		
Toluene*	<0.050	0.050	10/07/2023	ND	2.02	101	2.00	0.386		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	0.00783		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	5.93	98.9	6.00	0.137		
Total BTX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/10/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-47 0-4' (H235458-61)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/07/2023	ND	170	85.1	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/07/2023	ND	199	99.6	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	10/07/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW-48 0-2' (H235458-62)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04		
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74		
Total BTEx	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/10/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-49 0-2' (H235458-63)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-50 0-2' (H235458-64)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-51 0-2' (H235458-65)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-79 5' (H235458-66)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04		
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/10/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-80 5' (H235458-67)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	10/10/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-81 5' (H235458-68)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS-82 5' (H235458-69)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04		
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74		
Total BTEx	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2520	16.0	10/10/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-83 5' (H235458-70)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: CS-84 5' (H235458-71)**

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTEX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-52 0-5' (H235458-72)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 10/06/2023  
 Reported: 10/10/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 10/05/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shari Cisneros

**Sample ID: SW-53 0-5' (H235458-73)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	10/10/2023	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW-54 0-5' (H235458-74)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04		
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51		
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82		
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74		
Total BTEX	<0.300	0.300	10/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/10/2023	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/09/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/09/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/09/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	10/06/2023	Sampling Date:	10/05/2023
Reported:	10/10/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA CO., NM		

**Sample ID: SW-55 0-5' (H235458-75)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/07/2023	ND	2.09	104	2.00	1.04	
Toluene*	<0.050	0.050	10/07/2023	ND	2.04	102	2.00	1.51	
Ethylbenzene*	<0.050	0.050	10/07/2023	ND	2.13	106	2.00	1.82	
Total Xylenes*	<0.150	0.150	10/07/2023	ND	6.46	108	6.00	1.74	
Total BTX	<0.300	0.300	10/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	10/10/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/06/2023	ND	192	96.1	200	7.64	
DRO >C10-C28*	<10.0	10.0	10/06/2023	ND	208	104	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	10/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Work Order No: 7055758

Page 1 of 8

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDO <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Gauchno 30 CTB 1		Turn Around		ANALYSIS REQUEST													Preservative Codes											
Project Number:		236730		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush															None: NO DI Water: H <sub>2</sub> O											
Project Location		Lea Co, NM		Due Date:		48hrs															Cool: Cool MeOH: Me									
Sampler's Name:		Dmitry Nikanorov		TAT starts the day received by the lab, if received by 4:30pm															HCL HC HNO <sub>3</sub> : HN											
PO #		21105941															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na													
SAMPLE RECEIPT				Temp Blank:		Yes (No)		Wet Ice:		Yes (No)															H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:		Yes (Yes) No		Thermometer ID:		A140															NaHSO <sub>4</sub> : NABIS									
Cooler Custody Seals:		Yes (No) N/A		Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>											
Sample Custody Seals:		Yes (No) N/A		Temperature Reading:		1.9c															Zn Acetate+NaOH: Zn									
Total Containers:		75		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC											
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont															Sample Comments	
CS-34		4'		10/5/2023				X				Comp		1		X														
CS-35		4'		10/5/2023				X				Comp		1		X														
CS-36		4'		10/5/2023				X				Comp		1		X														
CS-37		4'		10/5/2023				X				Comp		1		X														
CS-38		4'		10/5/2023				X				Comp		1		X														
CS-39		4'		10/5/2023				X				Comp		1		X														
CS-40		4'		10/5/2023				X				Comp		1		X														
CS-41		2'		10/5/2023				X				Comp		1		X														
CS-42		2'		10/5/2023				X				Comp		1		X														
CS-43		2'		10/5/2023				X				Comp		1		X														

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>DA</i>	<i>Shari Cunniff</i>	10/6/23 12:53	2		
3			4		
5			6		



## Chain of Custody

Pg 2 of 8

Work Order No: 91235458

Page 2 of 8

Page 79 of 85

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

[illegible]

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>DK</i>	<i>Shawn Corneen</i>	<i>10/10/23 12:53</i>			





Chain of Custody

Pg 3 of 8

Work Order No:

11035458

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <input type="checkbox"/>	
State of Project:	
Reporting Level: I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:		Gaucha 30 CTB 1		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:		236730		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush												None: NO	DI Water: H <sub>2</sub> O		
Project Location:		Lea Co. NM		Due Date:		48hrs											Cool: Cool	MeOH: Me		
Sampler's Name:		Dmitry Nikanorov		TAT starts the day received by the lab, if received by 4:30pm													HCL: HC	HNO <sub>3</sub> : HN		
PO #		21105841															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT				Temp Blank:		Yes	No	Wet Ice:		Yes	No	Parameters						HOLD		
Received Intact:		Yes		No		Thermometer ID: <td colspan="2"></td> <td colspan="2"></td> <td colspan="6" rowspan="2">BTX 8021B</td> <td colspan="2"></td>						BTX 8021B								
Cooler Custody Seals:		Yes		No		N/A		Correction Factor:										TPH 8015M ( GRO + DRO + MRO)		
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:		1.92		Chloride 4500								
Total Containers:		75		Corrected Temperature:																
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments		
CS-54	2'	10/5/2023		X		Comp	1	X	X	X										
CS-55	2'	10/5/2023		X		Comp	1	X	X	X										
CS-56	2'	10/5/2023		X		Comp	1	X	X	X										
CS-57	2'	10/5/2023		X		Comp	1	X	X	X										
CS-58	2'	10/5/2023		X		Comp	1	X	X	X										
CS-59	2'	10/5/2023		X		Comp	1	X	X	X										
CS-60	2'	10/5/2023		X		Comp	1	X	X	X										
CS-61	2'	10/5/2023		X		Comp	1	X	X	X										
CS-62	2'	10/5/2023		X		Comp	1	X	X	X										
CS-63	2'	10/5/2023		X		Comp	1	X	X	X										
NaOH+Ascorbic Acid: SAPC																				

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	10/16/23 10:53	3	4	
4			5	6	





Chain of Custody

Pg 4 of 8

Work Order No: 11035458

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Work Order Comments	
Program: UST/PRP	PRP
State of Project:	Brownfields
Reporting Level II	Level III
Deliverables: EDD	ADAPT
Other:	

Project Name:		Gaucho 30 CTB 1		Turn Around		ANALYSIS REQUEST		Preservative Codes	
Project Number:	236730	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Due Date:	48hrs			None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm						Cool: Cool	MeOH: Me
Sampler's Name:	Dmitry Nikanorov							HCL: HC	HNO <sub>3</sub> : HN
PO #	21105841							H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ( ) No ( )	Wet Ice:	Yes ( ) No ( )	Parameters		H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes ( ) No ( )	Thermometer ID:		Correction Factor:		BTX 8021B		NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes ( ) No ( )	Temperature Reading:		Corrected Temperature:		TPH 8015M ( GRO + DRO + MRO )		Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes ( ) No ( )					Chloride 4500		Zn Acetate+NaOH: Zn	
Total Containers:	75					HOLD		NaOH+Ascorbic Acid: SAPC	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments	
CS-64	2'	10/5/2023		X		Comp	1	X	X
CS-65	2'	10/5/2023		X		Comp	1	X	X
CS-66	2'	10/5/2023		X		Comp	1	X	X
CS-67	2'	10/5/2023		X		Comp	1	X	X
CS-68	2'	10/5/2023		X		Comp	1	X	X
CS-69	2'	10/5/2023		X		Comp	1	X	X
CS-70	2'	10/5/2023		X		Comp	1	X	X
CS-71	2'	10/5/2023		X		Comp	1	X	X
CS-72	2'	10/5/2023		X		Comp	1	X	X
CS-73	4'	10/5/2023		X		Comp	1	X	X

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





Chain of Custody

Work Order No:

11035458

Page 5 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting Level: <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	48hrs
Project Number:	236730				
Project Location:	Lea Co. NM				
Sampler's Name:	Dmitry Nikanorov				
PO #	21105841				

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#1410	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.9°C	
Total Containers:	75	Corrected Temperature:		

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH										Sample Comments	
CS-74	4'	10/5/2023		X		Comp	1	X	X	X									
CS-75	4'	10/5/2023		X		Comp	1	X	X	X									
CS-76	4'	10/5/2023		X		Comp	1	X	X	X									
CS-77	4'	10/5/2023		X		Comp	1	X	X	X									
CS-78	4'	10/5/2023		X		Comp	1	X	X	X									
SW-32	0-4'	10/5/2023		X		Comp	1	X	X	X									
SW-33	0-4'	10/5/2023		X		Comp	1	X	X	X									
SW-34	0-4'	10/5/2023		X		Comp	1	X	X	X									
SW-35	2-4'	10/5/2023		X		Comp	1	X	X	X									
SW-36	0-4'	10/5/2023		X		Comp	1	X	X	X									

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





Chain of Custody

Work Order No:

H235458

Page 6 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes
Project Number:	236730	Due Date:	48hrs													None: NO
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm														DI Water H <sub>2</sub> O
Sampler's Name:	Dmitry Nikanorov															Cool: Cool
PO #	21105841															HCL HC
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#1419													H <sub>3</sub> PO <sub>4</sub> HP
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	19c													NaHSO <sub>4</sub> NABIS
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	19c													Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> NaSO <sub>3</sub>
Total Containers:	75	Corrected Temperature:														Zn Acetate+NaOH: Zn
																NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments									
SW-37	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-38	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-39	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-40	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-41	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-42	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-43	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-44	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-45	0-4'	10/5/2023		X		Comp	1	X	X	X																	
SW-46	0-4'	10/5/2023		X		Comp	1	X	X	X																	

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/6/23 18:53			





Chain of Custody

Pg 7 of 8

Work Order No: 112354158

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes
Project Number:	236730	Due Date:	48hrs															None: NO
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm																DI Water: H <sub>2</sub> O
Sampler's Name:	Dmitry Nikanorov																	Cool: Cool
PO #	21105841																	HCL: HC
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>
Received intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																H <sub>2</sub> PO <sub>4</sub> : HP
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:																NaHSO <sub>4</sub> : NABIS
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.92															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>
Total Containers:	75	Corrected Temperature:																Zn Acetate+NaOH: Zn
																		NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
SW-47	0-4'	10/5/2023		X		Comp	1	X	X	X	X										
SW-48	0-2'	10/5/2023		X		Comp	1	X	X	X	X										
SW-49	0-2'	10/5/2023		X		Comp	1	X	X	X	X										
SW-50	0-2'	10/5/2023		X		Comp	1	X	X	X	X										
SW-51	0-2'	10/5/2023		X		Comp	1	X	X	X	X										
CS-79	5'	10/5/2023		X		Comp	1	X	X	X	X										
CS-80	5'	10/5/2023		X		Comp	1	X	X	X	X										
CS-81	5'	10/5/2023		X		Comp	1	X	X	X	X										
CS-82	5'	10/5/2023		X		Comp	1	X	X	X	X										
CS-83	5'	10/5/2023		X		Comp	1	X	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	10/10/23 12:53			





Chain of Custody

Pg 8 of 8

Work Order No: 11035458

Page 8 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: <input type="checkbox"/> PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date:	48hrs
Project Number:	236730				
Project Location	Lea Co. NM				
Sampler's Name:	Dmitry Nikanorov				
PO #	21105841				
TAT starts the day received by the lab, if received by 4:30pm					
SAMPLE RECEIPT					
Received Intact:	Temp Blank:	Yes (No)	Wet Ice:	Yes (No)	
Cooler Custody Seals:	Thermometer ID:	Yes (No)	Correction Factor:	Yes (No)	
Sample Custody Seals:	Temperature Reading:	Yes (No)	Corrected Temperature:	Yes (No)	
Total Containers:	75				

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-84	5'	10/5/2023		X		Comp	1	X	X	X	
SW-52	0-5'	10/5/2023		X		Comp	1	X	X	X	
SW-49-53	0-5'	10/5/2023		X		Comp	1	X	X	X	
SW-50-54	0-5'	10/5/2023		X		Comp	1	X	X	X	
SW-61-55	0-5'	10/5/2023		X		Comp	1	X	X	X	

Additional Comments: \* customer requested corrections specifying 10.6.23

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





---

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

---

October 26, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 10/20/23 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 18	H235759-01	Soil	20-Oct-23 00:00	20-Oct-23 12:20
CS - 19	H235759-02	Soil	20-Oct-23 00:00	20-Oct-23 12:20
SW - 64	H235759-03	Soil	20-Oct-23 00:00	20-Oct-23 12:20
SW - 65	H235759-04	Soil	20-Oct-23 00:00	20-Oct-23 12:20
CS - 94	H235759-05	Soil	20-Oct-23 00:00	20-Oct-23 12:20

10/26/23 - Client changed the sample IDs on -03 and -04 (see COC). This is the revised report and will replace the one sent on 10/24/23.

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 or 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 damage 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.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**CS - 18****H235759-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories****Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 3102037 MS 21-Oct-23 8021B

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	

Surrogate: 1-Chlorooctane 79.6 % 48.2-134 3102035 MS 20-Oct-23 8015B

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148 3102035 MS 20-Oct-23 8015B

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**CS - 19**  
**H235759-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories****Inorganic Compounds**

<b>Chloride</b>	<b>144</b>		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %		71.5-134	3102037	MS	21-Oct-23	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.7 %		48.2-134	3102035	MS	20-Oct-23	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			108 %		49.1-148	3102035	MS	20-Oct-23	8015B	
--------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**SW - 64****H235759-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories****Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	3102046	AC	20-Oct-23	4500-Cl-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3102037	MS	21-Oct-23	8021B	
---------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	

Surrogate: 1-Chlorooctane			83.9 %		48.2-134	3102035	MS	20-Oct-23	8015B	
---------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			89.9 %		49.1-148	3102035	MS	20-Oct-23	8015B	
-------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**SW - 65**  
**H235759-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories****Inorganic Compounds**

<b>Chloride</b>	<b>176</b>		16.0	mg/kg	4	3102325	AC	23-Oct-23	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3102037	MS	21-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3102037	MS	21-Oct-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3102037	MS	21-Oct-23	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.5 %	48.2-134		3102035	MS	20-Oct-23	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			101 %	49.1-148		3102035	MS	20-Oct-23	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**CS - 94**  
**H235759-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories****Inorganic Compounds**

<b>Chloride</b>	<b>160</b>		16.0	mg/kg	4	3102325	AC	23-Oct-23	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3102047	MS	20-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3102047	MS	20-Oct-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %		71.5-134	3102047	MS	20-Oct-23	8021B	
---------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3102035	MS	20-Oct-23	8015B	

Surrogate: 1-Chlorooctane			83.1 %		48.2-134	3102035	MS	20-Oct-23	8015B	
---------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			90.0 %		49.1-148	3102035	MS	20-Oct-23	8015B	
-------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**Inorganic Compounds - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

**Batch 3102046 - 1:4 DI Water****Blank (3102046-BLK1)**

Prepared &amp; Analyzed: 20-Oct-23

Chloride	ND	16.0	mg/kg						
----------	----	------	-------	--	--	--	--	--	--

**LCS (3102046-BS1)**

Prepared &amp; Analyzed: 20-Oct-23

Chloride	400	16.0	mg/kg	400	100	80-120			
----------	-----	------	-------	-----	-----	--------	--	--	--

**LCS Dup (3102046-BSD1)**

Prepared &amp; Analyzed: 20-Oct-23

Chloride	432	16.0	mg/kg	400	108	80-120	7.69	20	
----------	-----	------	-------	-----	-----	--------	------	----	--

**Batch 3102325 - 1:4 DI Water****Blank (3102325-BLK1)**

Prepared &amp; Analyzed: 23-Oct-23

Chloride	ND	16.0	mg/kg						
----------	----	------	-------	--	--	--	--	--	--

**LCS (3102325-BS1)**

Prepared &amp; Analyzed: 23-Oct-23

Chloride	448	16.0	mg/kg	400	112	80-120			
----------	-----	------	-------	-----	-----	--------	--	--	--

**LCS Dup (3102325-BSD1)**

Prepared &amp; Analyzed: 23-Oct-23

Chloride	416	16.0	mg/kg	400	104	80-120	7.41	20	
----------	-----	------	-------	-----	-----	--------	------	----	--

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**Volatile Organic Compounds by EPA Method 8021 - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 3102037 - Volatiles****Blank (3102037-BLK1)**

Prepared: 20-Oct-23 Analyzed: 21-Oct-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

**LCS (3102037-BS1)**

Prepared: 20-Oct-23 Analyzed: 21-Oct-23

Benzene	2.17	0.050	mg/kg	2.00		109	82.8-130			
Toluene	2.21	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.21	0.050	mg/kg	2.00		111	85.9-128			
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125			
Total Xylenes	6.67	0.150	mg/kg	6.00		111	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0494		mg/kg	0.0500		98.7	71.5-134			

**LCS Dup (3102037-BSD1)**

Prepared: 20-Oct-23 Analyzed: 21-Oct-23

Benzene	2.22	0.050	mg/kg	2.00		111	82.8-130	2.25	15.8	
Toluene	2.30	0.050	mg/kg	2.00		115	86-128	4.12	15.9	
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	85.9-128	3.09	16	
m,p-Xylene	4.63	0.100	mg/kg	4.00		116	89-129	2.53	16.2	
o-Xylene	2.19	0.050	mg/kg	2.00		109	86.1-125	1.51	16.7	
Total Xylenes	6.81	0.150	mg/kg	6.00		114	88.2-128	2.20	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.6	71.5-134			

**Batch 3102047 - Volatiles****Blank (3102047-BLK1)**

Prepared &amp; Analyzed: 20-Oct-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**Volatile Organic Compounds by EPA Method 8021 - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 3102047 - Volatiles****Blank (3102047-BLK1)**

Prepared &amp; Analyzed: 20-Oct-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0609		mg/kg	0.0500		122	71.5-134			

**LCS (3102047-BS1)**

Prepared &amp; Analyzed: 20-Oct-23

Benzene	2.01	0.050	mg/kg	2.00		100	82.8-130			
Toluene	2.05	0.050	mg/kg	2.00		103	86-128			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.05	0.100	mg/kg	4.00		101	89-129			
o-Xylene	1.97	0.050	mg/kg	2.00		98.3	86.1-125			
Total Xylenes	6.01	0.150	mg/kg	6.00		100	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.2	71.5-134			

**LCS Dup (3102047-BSD1)**

Prepared &amp; Analyzed: 20-Oct-23

Benzene	2.17	0.050	mg/kg	2.00		109	82.8-130	7.92	15.8	
Toluene	2.26	0.050	mg/kg	2.00		113	86-128	9.60	15.9	
Ethylbenzene	2.30	0.050	mg/kg	2.00		115	85.9-128	11.1	16	
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	89-129	9.47	16.2	
o-Xylene	2.22	0.050	mg/kg	2.00		111	86.1-125	12.2	16.7	
Total Xylenes	6.67	0.150	mg/kg	6.00		111	88.2-128	10.4	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			

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 or 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 damage 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

**Analytical Results For:**

NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706

Project: GAUCHO UNIT 30 CTB 1  
Project Number: 236730  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
26-Oct-23 09:22

**Petroleum Hydrocarbons by GC FID - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

**Batch 3102035 - General Prep - Organics****Blank (3102035-BLK1)**

Prepared &amp; Analyzed: 20-Oct-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.7	48.2-134			
Surrogate: 1-Chlorooctadecane	44.0		mg/kg	50.0		88.0	49.1-148			

**LCS (3102035-BS1)**

Prepared &amp; Analyzed: 20-Oct-23

GRO C6-C10	171	10.0	mg/kg	200		85.4	66.4-123			
DRO >C10-C28	177	10.0	mg/kg	200		88.3	66.5-118			
Total TPH C6-C28	348	10.0	mg/kg	400		86.9	77.6-123			
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	48.2-134			
Surrogate: 1-Chlorooctadecane	41.4		mg/kg	50.0		82.9	49.1-148			

**LCS Dup (3102035-BS1)**

Prepared &amp; Analyzed: 20-Oct-23

GRO C6-C10	165	10.0	mg/kg	200		82.7	66.4-123	3.31	17.7	
DRO >C10-C28	168	10.0	mg/kg	200		84.2	66.5-118	4.82	21	
Total TPH C6-C28	334	10.0	mg/kg	400		83.4	77.6-123	4.08	18.5	
Surrogate: 1-Chlorooctane	39.6		mg/kg	50.0		79.2	48.2-134			
Surrogate: 1-Chlorooctadecane	40.4		mg/kg	50.0		80.8	49.1-148			

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 or 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 damage 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 or 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 damage 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.

A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

---

Celey D. Keene, Lab Director/Quality Manager







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

November 22, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: GAUCHO UNIT 30 CTB 1

Enclosed are the results of analyses for samples received by the laboratory on 11/21/23 13:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 1 0-0.5 (H236332-01)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 1 1-1.5 (H236332-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 1 2-2.5 (H236332-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEx	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 1 3-3.5 (H236332-04)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEx	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 1 4-4.5 (H236332-05)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 2 0-0.5 (H236332-06)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 2 1-1.5 (H236332-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 2 2-2.5 (H236332-08)**

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 2 3-3.5 (H236332-09)**

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 2 4-4.5 (H236332-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246		
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36		
Total BTEx	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.7 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 3 0-0.5 (H236332-11)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEx	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	11/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 3 1-1.5 (H236332-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246		
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36		
Total BTEX	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	11/22/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	60.3	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 3 2-2.5 (H236332-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	211	106	200	1.33	
DRO >C10-C28*	29.8	10.0	11/22/2023	ND	197	98.6	200	0.236	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 3 3-3.5 (H236332-14)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/22/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 3 4-4.5 (H236332-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/21/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/21/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 4 0-0.5 (H236332-16)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 134 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	13.9	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	1020	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	158	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 4 1-1.5 (H236332-17)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	2460	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	623	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 4 2-2.5 (H236332-18)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	2770	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	764	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 4 3-3.5 (H236332-19)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246	
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	53.5	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 4 4-4.5 (H236332-20)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	1.99	99.6	2.00	0.246		
Toluene*	<0.050	0.050	11/21/2023	ND	2.10	105	2.00	0.506		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.12	106	2.00	1.31		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.37	106	6.00	2.36		
Total BTEX	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	65.5	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 5 0-0.5 (H236332-21)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	107	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 5 1-1.5 (H236332-22)**

BTEx 8021B			mg/kg		Analyzed By: JH			S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45		
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51		
Total BTEX	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 163 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: HM	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	46.3	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	1040	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	128	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 5 2-2.5 (H236332-23)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	74.6	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 5 3-3.5 (H236332-24)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45		
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51		
Total BTEx	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	144	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	16.4	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 5 4-4.5 (H236332-25)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45		
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51		
Total BTEx	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 6 0-0.5 (H236332-26)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	98.1	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	13.5	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 6 1-1.5 (H236332-27)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEx	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	1500	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	351	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 6 2-2.5 (H236332-28)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	4100	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	971	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 6 3-3.5 (H236332-29)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	286	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	65.9	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 6 4-4.5 (H236332-30)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45		
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51		
Total BTEx	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/22/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	193	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	35.6	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 7 0-0.5 (H236332-31)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 7 1-1.5 (H236332-32)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 7 2-2.5 (H236332-33)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	236	118	200	11.4	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	231	115	200	7.05	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 7 3-3.5 (H236332-34)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/22/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	12.5	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 7 4-4.5 (H236332-35)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	47.5	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	11.7	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 8 0-0.5 (H236332-36)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 8 1-1.5 (H236332-37)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEx	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 8 2-2.5 (H236332-38)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 8 3-3.5 (H236332-39)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45	
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	25.8	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 8 4-4.5 (H236332-40)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	2.45		
Toluene*	<0.050	0.050	11/21/2023	ND	2.24	112	2.00	3.70		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.19	110	2.00	2.73		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	6.78	113	6.00	1.51		
Total BTEX	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 1 5-5.5 (H236332-41)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99		
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5		
Total BTEx	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 2 5-5.5 (H236332-42)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 3 5-5.5 (H236332-43)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 4 5-5.5 (H236332-44)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 5 5-5.5 (H236332-45)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99		
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77		
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4		
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5		
Total BTX	<0.300	0.300	11/21/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 6 5-5.5 (H236332-46)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received:	11/21/2023	Sampling Date:	11/20/2023
Reported:	11/22/2023	Sampling Type:	Soil
Project Name:	GAUCHO UNIT 30 CTB 1	Sampling Condition:	Cool & Intact
Project Number:	236730	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

**Sample ID: DV - 7 5-5.5 (H236332-47)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/22/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

NTG ENVIRONMENTAL  
 ETHAN SESSUMS  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 11/21/2023  
 Reported: 11/22/2023  
 Project Name: GAUCHO UNIT 30 CTB 1  
 Project Number: 236730  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 11/20/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: DV - 8 5-5.5 (H236332-48)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2023	ND	2.07	104	2.00	3.99	
Toluene*	<0.050	0.050	11/21/2023	ND	2.21	111	2.00	8.77	
Ethylbenzene*	<0.050	0.050	11/21/2023	ND	2.44	122	2.00	15.4	
Total Xylenes*	<0.150	0.150	11/21/2023	ND	7.33	122	6.00	18.5	
Total BTEX	<0.300	0.300	11/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/22/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/22/2023	ND	204	102	200	3.84	
DRO >C10-C28*	<10.0	10.0	11/22/2023	ND	201	101	200	3.94	
EXT DRO >C28-C36	<10.0	10.0	11/22/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 49.1-148

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.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QR-04            The RPD for the BS/BSD was outside of historical limits.
- QM-07            The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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.

A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

H23633

Page 1 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Lea Co, NM	Due Date:	48hr													Cool: Cool	MeOH: Me			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO <sub>3</sub> : HN			
PO #:	21184433															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT																HOLD				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO <sub>4</sub> : NABIS				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>				
Total Containers:	48	Temperature Reading:	Corrected Temperature:													Zn Acetate+NaOH: Zn				
																NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
DV-1	0-0.5	11/20/2023	11:10	X		Grab	1	X	X	X										
DV-1	1-1.5	11/20/2023	11:11	X		Grab	1	X	X	X										
DV-1	2-2.5	11/20/2023	11:12	X		Grab	1	X	X	X										
DV-1	3-3.5	11/20/2023	11:13	X		Grab	1	X	X	X										
DV-1	4-4.5	11/20/2023	11:14	X		Grab	1	X	X	X										
DV-2	0-0.5	11/20/2023	11:15	X		Grab	1	X	X	X										
DV-2	1-1.5	11/20/2023	11:16	X		Grab	1	X	X	X										
DV-2	2-2.5	11/20/2023	11:17	X		Grab	1	X	X	X										
DV-2	3-3.5	11/20/2023	11:18	X		Grab	1	X	X	X										
DV-2	4-4.5	11/20/2023	11:19	X		Grab	1	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





Chain of Custody

Work Order No: H234332

Page 2 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgdbal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Unperturbed <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730	Due Date:	48hr														None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me			
Sampler's Name:	Kenny Han																HCL: HC	HNO <sub>3</sub> : HN			
PO #	21184433																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP			
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140															NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-1.9°C															Zn Acetate+NaOH: Zn			
Total Containers:	48	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
DV-3	0-0.5	11/20/2023	11:20	X		Grab	1	X	X	X											
DV-3	1-1.5	11/20/2023	11:21	X		Grab	1	X	X	X											
DV-3	2-2.5	11/20/2023	11:22	X		Grab	1	X	X	X											
DV-3	3-3.5	11/20/2023	11:23	X		Grab	1	X	X	X											
DV-3	4-4.5	11/20/2023	11:24	X		Grab	1	X	X	X											
DV-4	0-0.5	11/20/2023	11:25	X		Grab	1	X	X	X											
DV-4	1-1.5	11/20/2023	11:26	X		Grab	1	X	X	X											
DV-4	2-2.5	11/20/2023	11:27	X		Grab	1	X	X	X											
DV-4	3-3.5	11/20/2023	11:28	X		Grab	1	X	X	X											
DV-4	4-4.5	11/20/2023	11:29	X		Grab	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-21-23 1335			





Chain of Custody

Work Order No: 112343332

Page 3 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PRP	PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730	Due Date:	48hr														None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me			
Sampler's Name:	Kenny Han																HCL: HC	HNO <sub>3</sub> : HN			
PO #:	21184433																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO <sub>4</sub> : NABIS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		Temperature Reading:														Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:														Zn Acetate+NaOH: Zn					
Total Containers:	48																NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
DV-5	0-0.5	11/20/2023	11:30	X		Grab	1	X	X	X											
DV-5	1-1.5	11/20/2023	11:31	X		Grab	1	X	X	X											
DV-5	2-2.5	11/20/2023	11:32	X		Grab	1	X	X	X											
DV-5	3-3.5	11/20/2023	11:33	X		Grab	1	X	X	X											
DV-5	4-4.5	11/20/2023	11:34	X		Grab	1	X	X	X											
DV-6	0-0.5	11/20/2023	11:35	X		Grab	1	X	X	X											
DV-6	1-1.5	11/20/2023	11:36	X		Grab	1	X	X	X											
DV-6	2-2.5	11/20/2023	11:37	X		Grab	1	X	X	X											
DV-6	3-3.5	11/20/2023	11:38	X		Grab	1	X	X	X											
DV-6	4-4.5	11/20/2023	11:39	X		Grab	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-21-23 1315			





Chain of Custody

Work Order No: 4236332

Page 4 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	236730	Due Date:	48hr														None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me		
Sampler's Name:	Kenny Han																HCL: HC	HNO <sub>3</sub> : HN		
PO #	21184433	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	
SAMPLE RECEIPT		Thermometer ID:	140													H <sub>3</sub> PO <sub>4</sub> : HP				
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-1.98													NaHSO <sub>4</sub> : NABIS				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:														Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:														Zn Acetate+NaOH: Zn				
Total Containers:	48																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
DV-7	0-0.5	11/20/2023	11:40	X		Grab	1	X	X	X										
DV-7	1-1.5	11/20/2023	11:41	X		Grab	1	X	X	X										
DV-7	2-2.5	11/20/2023	11:42	X		Grab	1	X	X	X										
DV-7	3-3.5	11/20/2023	11:43	X		Grab	1	X	X	X										
DV-7	4-4.5	11/20/2023	11:44	X		Grab	1	X	X	X										
DV-8	0-0.5	11/20/2023	11:45	X		Grab	1	X	X	X										
DV-8	1-1.5	11/20/2023	11:46	X		Grab	1	X	X	X										
DV-8	2-2.5	11/20/2023	11:47	X		Grab	1	X	X	X										
DV-8	3-3.5	11/20/2023	11:48	X		Grab	1	X	X	X										
DV-8	4-4.5	11/20/2023	11:49	X		Grab	1	X	X	X										

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and sub-contractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time





Chain of Custody

Work Order No: H236332

Page 5 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Gaucha 30 CTB 1	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	236730	Due Date:	48hr														None: NO	DI Water: H <sub>2</sub> O			
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me			
Sampler's Name:	Kenny Han																HCL: HC	HNO <sub>3</sub> : HN			
PO #	21184433																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140															NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-1.9°C															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Zn Acetate+NaOH: Zn			
Total Containers:	48	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
DV-1	5-5.5	11/20/2023	11:50	X		Grab	1	X	X	X											
DV-2	5-5.5	11/20/2023	11:51	X		Grab	1	X	X	X											
DV-3	5-5.5	11/20/2023	11:52	X		Grab	1	X	X	X											
DV-4	5-5.5	11/20/2023	11:53	X		Grab	1	X	X	X											
DV-5	5-5.5	11/20/2023	11:54	X		Grab	1	X	X	X											
DV-6	5-5.5	11/20/2023	11:55	X		Grab	1	X	X	X											
DV-7	5-5.5	11/20/2023	11:56	X		Grab	1	X	X	X											
DV-8	5-5.5	11/20/2023	11:57	X		Grab	1	X	X	X											

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

**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

QUESTIONS

Action 325128

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325128
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2235047407
Incident Name	NAPP2235047407 GAUCHO 30 CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2130242283] GAUCHO UNIT 30 CTB 1

<b>Location of Release Source</b>	
Please answer all the questions in this group.	
Site Name	GAUCHO 30 CTB 1
Date Release Discovered	12/16/2022
Surface Owner	State

<b>Incident Details</b>	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Fitting   Produced Water   Released: 18 BBL   Recovered: 7 BBL   Lost: 11 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Leak on flange to water offload found. 18 bbls released to ground. Trucks dispatched for recovery. Recovered volumes are not available as of this notice. Line was isolated to stop leak.

**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**

QUESTIONS, Page 2

Action 325128

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	325128
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.*

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/20/2024
--	--

**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

QUESTIONS, Page 3

Action 325128

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number: 325128
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

<b>Site Characterization</b>	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

<b>Remediation Plan</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
<b>Soil Contamination Sampling:</b> (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	18600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	50
GRO+DRO (EPA SW-846 Method 8015M)	50
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	10/02/2023
On what date will (or did) the final sampling or liner inspection occur	10/20/2023
On what date will (or was) the remediation complete(d)	11/22/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	17445
What is the estimated volume (in cubic yards) that will be remediated	2369
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



**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

QUESTIONS, Page 4  
  
Action 325128

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	325128
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	OWL LANDFILL JAL [fJEG1635837366]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/20/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	



**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**

QUESTIONS, Page 5

Action 325128

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	325128
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS****Deferral Requests Only**

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	The area is surrounded by transfer pumps and flow lines.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2230
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	330
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	GAUCHO UNIT 30 CTB 1 [fAPP2130242283]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 03/20/2024

**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**

QUESTIONS, Page 6

Action 325128

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	325128
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	325043
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/20/2023
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	389

**Remediation Closure Request**

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
--	----

**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 325128

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 325128
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of DV-1 through DV-8 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	5/8/2024